GW - 203

MONITORING REPORTS

DATE:

2000

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GW-203

BAKER PETROLITE CORPORATION

SUBSURFACE INVESTIGATION

AND

SAMPLING REPORT

Baker Petrolite Corporation
5624 Lovington Highway
Hobbs, New Mexico

October 19, 2000

Llano-Permian Environmental
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Baker Petrolite Corporation

Subsurface Investigation

and

Sampling Report

Baker Petrolite Corporation
5624 Lovington Highway
Hobbs, New Mexico

October 9, 2000

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1.0 EXECUTIVE SUMMARY

Llano-Permian Environmental Services (LP) conducted a series of soil borings at the Baker Petrolite facility located at 5624 Lovington Highway in Hobbs, New Mexico on August 15th and 16th, 2000. A total of 16 soil borings were completed to various depths at the site. Each soil boring was sampled at one-foot intervals and screened for the presence of volatile hydrocarbons using a photoionization detector (PID). None of the headspace analyses performed on the samples detected the presence of hydrocarbons in the soils. The location of each soil boring can be seen in Figure 1. Minimal visible hydrocarbon staining was noted on the surface at the site. The areas that contained slight hydrocarbon staining included areas where chemical truck loading and unloading occurs. Historical spill sites were not observed at the site. Two soil boring locations exhibited contaminants of concern, however, only the total petroleum hydrocarbon concentration at the 0-1 foot level in SB-13 exceeded regulatory levels.

2.0 SCOPE OF WORK

Baker Petrolite requested a subsurface investigation on the property at 5624 Lovington Highway in Hobbs, New Mexico to evaluate potential liabilities that may have resulted from past chemical operations and management practices. The New Mexico Oil Conservation Department was notified of Baker Petrolite's intent to conduct the investigation at the site using a drilling rig equipped with a split spoon to collect continuous soils samples from various locations on the site. By collecting these samples, a more comprehensive study to identify potential environmentally sensitive areas within the facility and then assess risk to human health and the environment can be undertaken, if warranted.

3.0 DRILLING METHODOLOGY

Llano-Permian, in the proposed Scope of Work, elected to use an air rotary rig to penetrate the hard caliche soils characteristically found in West Texas and southeastern New Mexico. The initial request for Direct Push Technology (DPT) was altered due to the technology not being feasible in calcareous soils and indurated caliche. Total depths of each soil boring are listed in Table 1. Groundwater was not encountered in any of the borings, as expected.

Soil Boring SB-15 was selected to serve as a background sample because of its location. SB-15 is located on the western side of the property and away from everyday activities. SB-15 was drilled and terminated at 20 feet (bgs), while the remainder of the borings were terminated at depths varying from 2.5 feet to 20 feet bgs.

4.0 SAMPLE COLLECTION AND ANALYTICAL PARAMETERS

A Failing (manufacturer's name) Air Rotary drilling rig equipped with a core barrel was used to collect samples at one-foot intervals from all soil boring locations. The initial fifteen soil borings and one additional soil boring were installed on August 15th and 16th,

2000. The soil borings were advanced using air rotary drilling to depths of 2.5 feet bgs to 20-feet bgs. A summary of analytical parameters requested for the soil borings is listed below in **Table 1.**

CORE BORING #	VOC	SVOC	TOTAL METALS	TPH	BTEX
SB-1 (0-1')				•	•
SB-1 (20')				•	•
SB-2 (0-1')	•	•	•	•	
SB-2 (20')	•	•	•	•	
SB-3 (0-1')				•	•
SB-3 (20')				•	•
SB-4 (0-1')				•	•
SB-4 (20')				•	•
SB-5 (0-1')				•	•
SB-5 (20')				•	•
SB-6 (0-1')				•	•
SB-6 (20')				•	•
SB-7 (0-1')				•	•
SB-7 (8.5')				•	•
SB-8 (0-1')				•	•
SB-8 (2')				•	•
SB-9 (5.5')				•	•
SB-9 (20')				•	•
SB-10 (0-1')				•	•
SB-10 (7')				•	•
SB-11 (0-1')				•	•
SB-11 (2.5')				•	•
SB-12 (0-1')				•	•
SB-12 (10')				•	•
SB-13 (0-1')	•	•	•	•	
SB-13 (19')	•	•	•	•	
SB-14 (0-1')				•	•
SB-14 (8')				•	•
SB-15 (0-1')	•	•	•	•	
SB-15 (20')	•	•	•	•	
SB-16 (0-1')	•	•	•	•	
SB-16 (10')	•	•	•	•	

Table 1 . Summary of analytical parameters tested at Baker Petrolite Hobbs facility.

Where possible and practical, a core barrel was used to lift one-foot sections of cored materials for headspace analysis using a Thermo OVM Model 580B with a 10.6 EV lamp photoionization detector (PID). None of the soil boring samples exhibited positive readings from the PID. Samples for analyses at the laboratory were collected at the 0-1' depths as well as at terminus depths. The resulting soil cuttings were drummed and labeled and left on-site awaiting analytical results to determine the course of action for the soil cuttings.

5.0 LITHOLOGY

With some slight variation in the depths of the soil layers encountered, all 16-soil borings exhibited similar lithologies. Sandy caliche was encountered in the upper two-foot portion of the borings. Below this was a sand/caliche layer which terminated at approximately 8 to 10-feet bgs, where a hard limestone layer was then encountered. The thickness of the limestone layer varied, but was determined to be greater than ten feet thick in the borings completed to a depth of 20 feet bgs. The maximum drilling depth was 20 feet bgs, so the total depth of the hard limestone was not determined

6.0 SOIL BORING ABANDONMENT

Each soil boring was filled with Bentonite chips to a depth of 0.5 feet bgs. Water was then added to hydrate the bentonite material and seal the borehole. The upper six-inch section was sealed with Quikrete cement and leveled with the surface topography.

7.0 ANALYTICAL RESULTS & DISCUSSIONS

Samples from each soil boring were collected and submitted for analyses. A total of 32 samples were sent to the laboratory. Trace Analyses of Lubbock, Texas analyzed the soil samples. The soil samples were analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs), and total metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver). Additional parameters, such as Total Petroleum Hydrocarbons (TPH) consisting of diesel range organics (DRO) and gasoline range organics (GRO) and BTEX constituents (benzene, toluene, ethylbenzene, and xylenes) were analyzed in the lab for most of the samples. A complete list of compounds is found in Table 2.

The following observations were documented:

- **VOCs**: Nine VOCs were detected in the soil boring sample from SB-13 (0-1'). The VOCs detected in SB-13 (0-1') were m,p,o-xylene, isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, p-isopropyltoluene, n-butylbenzene, and naphthalene. One VOC, naphthalene, was detected at SB-13 (19'). SB-13 was the only soil boring that exhibited Volatile Organic Constituents.

- **SVOCs**: Nine SVOCs were detected in the soil boring sample from SB-13 (0-1'). The SVOCs detected in SB-13 (0-1') were naphthalene, 1-methylnaphthalene, 2-methylnaphthalene, acenaphthylene, 2-nitroaniline, fluorene, 4,6-dinitro-2-methylphenol, phenanthrene, and pyrene. One SVOC was detected in SB-13 (19'), which was bis(2-ethylhexyl)phthalate detected at 0.84 mg/Kg.

Analytical results for SB-16 (0-1') indicate that three SVOCs were detected. Fluorene, anthracene, and 7,12-Dimethylbenz(a)anthracene were detected sample in concentrations of 2.01 mg/Kg, 14.28 mg/Kg, and 3.85 mg/Kg, respectively.

- **BTEX**: BTEX constituents, using EPA Method 8015, were detected in only two surficial samples at SB-5 (0-1') and SB-10 (0-1'). Total concentrations of 0.057 mg/Kg toluene and 0.088 mg/Kg xylenes were detected in SB-5 (0-1') and SB-10 (0-1'), respectively.

- **TPH:** Total petroleum hydrocarbons concentrations of 9,478 and 69 mg/Kg were detected at SB-13 (0-1') and SB-13 (19'), respectively. Also, 757 mg/Kg TPH concentrations were detected at SB-16 (0-1').

- **METALS:** Total barium, chromium and lead were detected above the laboratory PQL in SB-2, SB-13, SB-15 and SB-16. Barium concentrations detected in SB-2, SB-13, SB-15 and SB-16. Chromium concentrations were identified in SB-2, SB-15 and SB-16 while lead concentrations were detected in SB-13, SB-15 and SB-16.

8.0 REGULATORY CONSIDERATIONS

According to the guidelines for remediation of leaks, spills, and releases, the New Mexico Oil Conservation Division (NMOCD, OCD Rule 116) recommended remediation levels for soils based on surface to groundwater depth, wellhead protection area, and distance to the nearest surface water body. The site was evaluated using the recommended OCD criteria. A site that scores a ranking greater than a 19 must clean up TPH contamination to 100 ppm. A site that scores a ranking between a 10 and 19, the TPH contamination must be remediated to 1000 ppm. A site must clean up TPH contamination to a minimum of 5000 ppm if the ranking is less than 9. Regardless of the ranking, benzene must be cleaned up to a minimum of 10 ppm and total BTEX of 50 ppm.

During the site evaluation it was determined that groundwater in the area is approximately 80 to 120 feet in depth. Using the conservative estimate of 80 feet the site would score a ranking of 10 for depth to groundwater. There is not a water source less than 1000 feet from the site nor is there a private domestic well located less than 200 feet from the site. Based on this well information the site scores a ranking of 0 for a wellhead protection area. The third criteria for ranking is the distance to the nearest surface water body. There is no surface water body located within 1000 feet of the site, therefore, the site scores a ranking of 0 for distance to a surface water body. Based on this evaluation the site scores a 10 ranking and any TPH contamination must be remediated to a minimum of 1000 ppm.

In addition, the NMOCD did cite the federal regulations (40 CFR 261.24, Toxicity Characteristic, Maximum Concentration of Contaminants for the Toxicity Characteristic) for metals when determining any regulatory limits and the disposition of any contaminated soils.

Even though the site is not under the jurisdiction of the New Mexico Environmental Department (NMED), Llano-Permian compared the contaminants identified in the shallow soil to the NMED published groundwater protection criteria. Upon review of the Tier I Soil Concentrations Protective of Groundwater (No Transport Zone in the Unsaturated Zone) guidelines (20 NMAC 5.12.1209) from the NMED, the concentrations of the contaminants found at this site are below the limits established in those guidelines (see Table 2, far right column).

9.0 CONCLUSIONS

The Baker Petrolite site in Hobbs, New Mexico contains very minimal surficial contamination. The low concentrations of VOCs, SVOCs, BTEX constituents, and metals do not appear to pose an environmental concern at present. According to the NMOCD, the remediation compliance criterion for benzene is 10 ppm (parts per million). For total BTEX constituents, the remediation action level is 50 ppm. None of the soil borings revealed benzene or total BTEX in excess NMOCD regulatory criteria.

For TPH, the remediation action level is 5,000 ppm if groundwater is greater than 100 feet bgs or 1,000 ppm if greater than 50 feet bgs but less than 100 feet bgs. Conservative estimates of average groundwater depth for the Hobbs area range from 120 feet to 80 feet bgs. Llano-Permian used the 1,000-ppm TPH limit as the basis for determining the remediation action for the soils encountered at SB-13. Clean up of soils at these concentrations is required by the NMOCD. These values are based on potential health risks and incorporate depth to groundwater values in determining the clean-up concentrations.

The total metals concentrations identified in the background soil boring and other soil borings are consistent with known background concentrations for the geographical area.

LP Environmental

TABLE 2.
Baker Petrolite Subsurface Investigation
Hobbs, New Mexico Facility
August 15-16, 2000

LAB SAMPLE NUMBER		151807	151808	151809	151810	151811	151812	151813	151814	151815	151816	151817	151818	151819	151820	151821	151822	151823	151824	151825	151826	151827	151828	151829	151830	151831	151832	151833	151834	151835	151836	151837	NMOCD GUIDELINES FOR REMEDIATION OF LEAKS, SPILLS, AND RELEASES Aug-93	TIER 1 ** SOIL CONCENTRATIONS PROTECTIVE OF GROUNDWATER
SOIL BORING NUMBER		SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8	SB-9		SB-10		SB-11		SB-12		SB-13		SB-14		SB-15		SB-16*			
	SAMPLE DEPTH	0-1'	20'	0-1'	20'	0-1'	20'	0-1'	20'	0-1'	20'	0-1'	20'	0-1'	8.5'	0-1'	0-1'	5.5'	0-1'	7'	0-1'	2.5'	0-1'	12'	0-1'	19'	0-1'	8'	0-1'	20'	0-1'	10'		
VOLATILE ORGANIC COMPOUNDS																																	
Analytical Method 8260 (parts per billion)		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	mg/Kg	mg/Kg
Bromochloromethane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Dichlorodifluoromethane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Chloromethane (methyl chloride)		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Vinyl chloride		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Bromomethane (methyl bromide)		NA	NA	<125	<125	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2500	<125	NA	NA	<125	<125	<125	<125		
Chloroethane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Trichlorofluoromethane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Acetone		NA	NA	<250	<250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5000	<250	NA	NA	<250	<250	<250	<250		
Iodomethane (methyl iodide)		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Carbon Disulfide		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Acrylonitrile		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
2-Butanone (MEK)		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
4-Methyl-2-pentanone (MIBK)		NA	NA	<250	<250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5000	<250	NA	NA	<250	<250	<250	<250		
2-Hexanone		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
trans 1,4-Dichloro-2-butene		NA	NA	<250	<250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5000	<250	NA	NA	<250	<250	<250	<250		
1,1-Dichloroethene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Methylene chloride		NA	NA	<125	<125	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2500	<125	NA	NA	<125	<125	<125	<125		
MTBE		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		0.04
trans 1,2-Dichloroethene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
1,1-Dichloroethane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
cis-1,2-dichloroethene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
2,2-Dichloropropane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
1,2-Dichloropropene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Benzene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50	10	0.02
Carbon Tetrachloride		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
1,2-Dichloropropane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Trichloroethene (TCE)		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Dibromomethane (methylene bromide)		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Bromodichloromethane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
2-Chloroethyl vinyl ether		NA	NA	<250	<250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5000	<250	NA	NA	<250	<250	<250	<250		
cis-1,3-Dichloropropane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
trans-1,3-Dichloropropane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Toluene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		2.09
1,1,2-Trichloroethane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
1,3-Dichloropropane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Dibromochloromethane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
1,2-Dibromoethane (EDB)		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		0.0001
Tetrachloroethene (PCE)		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Chlorobenzene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
1,1,1,2-Tetrachloroethane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Ethylbenzene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		17.23
m,p-Xylene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**4023**	<50	NA	NA	<50	<50	<50	<50		2.91 *
Bromoform		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Styrene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
o-Xylene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**11598**	<50	NA	NA	<50	<50	<50	<50		
1,1,2,2-Tetrachloroethane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
2-Chlorotoluene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
1,2,3-Trichloropropane		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
Isopropylbenzene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**4985**	<50	NA	NA	<50	<50	<50	<50		
Bromobenzene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
n-Propylbenzene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**9100**	<50	NA	NA	<50	<50	<50	<50		
1,3,5-Trimethylbenzene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**34295**	<50	NA	NA	<50	<50	<50	<50		
tert-Butylbenzene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
1,2,4-Trimethylbenzene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**49752**	<50	NA	NA	<50	<50	<50	<50		
1,4-Dichlorobenzene (para)		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
sec-Butylbenzene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1739**	<50	NA	NA	<50	<50	<50	<50		
1,3-Dichlorobenzene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
p-Isopropyltoluene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**29711**	<50	NA	NA	<50	<50	<50	<50		
4-Chlorotoluene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
1,2-Dichlorobenzene (ortho)		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1000	<50	NA	NA	<50	<50	<50	<50		
n-Butylbenzene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2260**	<50	NA	NA	<50	<50	<50	<50		
1,2-Dibromo-3-chloropropane		NA	NA	<125	<125	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<125	<125	NA	NA	<125	<125	<125	<125		
1,2,3-Trichlorobenzene		NA	NA	<125	<125	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<125	<125	NA	NA	<125	<125	<125	<125		
1,2,4-Trichlorobenzene		NA	NA	<125	<125	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<125	<125	NA	NA	<125	<125	<125	<125		
Naphthalene		NA	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**56454**	**319**	NA	NA	<50	<50	<50	<50		
Hexachlorobutadiene		NA	NA	<125	<125	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<125	<125	NA	NA	<125	<125	<125	<125		

LP Environmental

TABLE 2.
Baker Petrolite Subsurface Investigation
Hobbs, New Mexico Facility
August 15-16, 2000

LAB SAMPLE NUMBER		151807	151808	151809	151810	151811	151812	151813	151814	151815	151816	151817	151818	151819	151820	151821	151822	151823	151824	151825	151826	151827	151828	151829	151830	151831	151832	151833	151834	151835	151836	151837	NMOCD GUIDELINES FOR REMEDIATION OF LEAKS, SPILLS, AND RELEASES Aug-93	TIER 1 ** SOIL CONCENTRATIONS PROTECTIVE OF GROUNDWATER
SOIL BORING NUMBER		SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8	SB-9		SB-10		SB-11		SB-12		SB-13		SB-14		SB-15		SB-16*			
	SAMPLE DEPTH	0-1'	20'	0-1'	20'	0-1'	20'	0-1'	20'	0-1'	20'	0-1'	20'	0-1'	8.5'	0-1'	0-1'	5.5'	0-1'	7'	0-1'	2.5'	0-1'	12'	0-1'	19'	0-1'	8'	0-1'	20'	0-1'	10'		
SEMI-VOLATILES																																	
Analytical Method 8270	(ppm)	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Pyridine		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
n-Nitrosodimethylamine		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2-Picoline		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Methyl methanesulfonate		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Ethyl methanesulfonate		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Phenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Aniline		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
bis(2-chloroethyl)ether		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2-Chlorophenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
1,3-Dichlorobenzene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
1,4-Dichlorobenzene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Benzyl Alcohol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
1,2-Dichlorobenzene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2-Methylphenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
bis(2-chloroisopropyl) ether		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
4-Methylphenol/3-Methylphenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Acetophenone		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
n-Nitroso-n-propylamine		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Hexachloroethane		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Nitrobenzene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
n-Nitrosopiperidine		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Isophorone		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2-Nitrophenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2,4-Dimethylphenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
bis(2-chloroethoxy) methane		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Benzoic Acid		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2,4-Dichlorophenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
1,2,4 Trichlorobenzene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
a,a Dimethylphenethylamine		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Naphthalene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**79.7**	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		**0.68**
4-Chloroaniline		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2,6-Dichlorophenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Hexachlorobutadiene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
n-Nitroso-di-n-butylamine		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
4-Chloro-3-methylphenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
1-Methylnaphthalene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**348.04**	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2-Methylnaphthalene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**328.58**	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
1,2,4,5-Tetrachlorobenzene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Hexachlorocyclopentadiene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2,4,6-Trichlorophenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2,4,5-Trichlorophenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2-Chloronaphthalene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
1-Chloronaphthalene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2-Nitroaniline		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Dimethylphthalate		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Acenaphthylene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**27.39**	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2,6-Dinitotoluene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
3-Nitroaniline		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**30.09**	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Acenaphthene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		**187.95**
2,4-Dinitrophenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Dibenzofuran		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Pentachlorobenzene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
4-Nitrophenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
1-Naphthyamine		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2,4-Dinitrotoluene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2-Naphthyamine		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
2,3,4,6-Tetrachlorophenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Fluorene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**47.51**	<0.25	NA	NA	<0.025	<0.025	**2.01**	<0.25		**196.12**
Diethylphthalate		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
4-Chlorophenyl-phenylether		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
4-Nitroaniline		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
4,6-Dinitro-2-methylphenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**25.35**	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Diphenylamine		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Diophenylhydrazine		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
4-Bromophenyl-phenylether		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Phenacetin		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Hexachlorobenzene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
4-Aminobiphenyl		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Pentachlorophenol		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Pentachloronitrobenzene		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Pronamide		NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		

LP Environmental

TABLE 2.

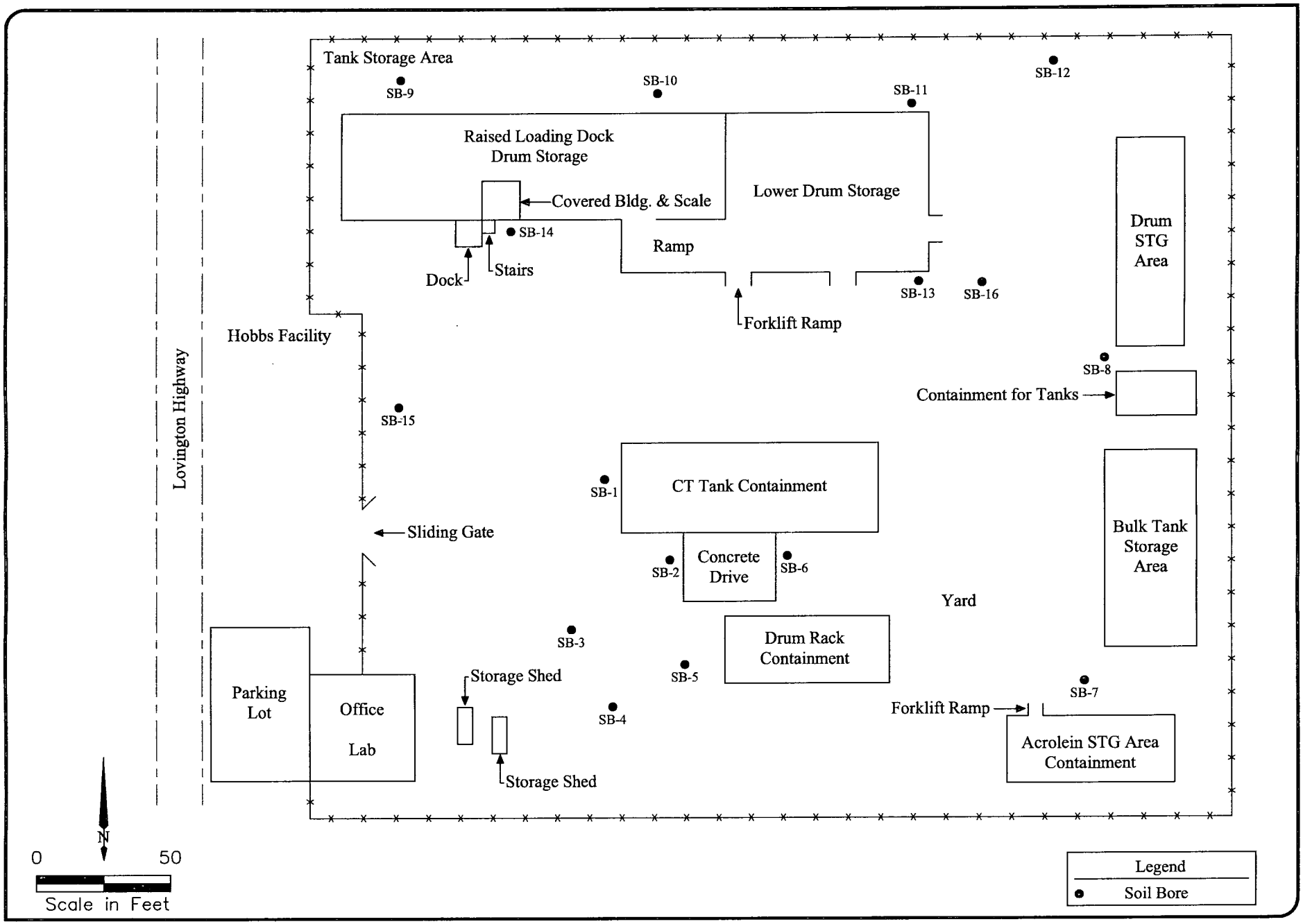
Baker Petrolite Subsurface Investigation
Hobbs, New Mexico Facility
August 15-16, 2000

LAB SAMPLE NUMBER	151807	151808	151809	151810	151811	151812	151813	151814	151815	151816	151817	151818	151819	151820	151821
SOIL BORING NUMBER	SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8
SAMPLE DEPTH	0-1'	20'	0-1'	20'	0-1'	20'	0-1'	20'	0-1'	20'	0-1'	20'	0-1'	8.5'	0-1'
Phenanthrene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butylphthalate	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butylbenzylphthalate	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-ethylhexyl)phthalate	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octylphthalate	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylcholanthrene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a,j)acridine	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NA	NA	<0.025	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL METALS															
Analytical Method 6010a (ppm)	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Total Arsenic	NA	NA	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Barium	NA	NA	184	104	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cadmium	NA	NA	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Chromium	NA	NA	5.9	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Lead	NA	NA	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Selenium	NA	NA	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Silver	NA	NA	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Mercury (mg/Kg)	NA	NA	<2.1	<0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL PETROLEUM HYDROCARBONS															
Analytical Method 8015															
Total Petroleum Hydrocarbons (DRO) mg/Kg	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Total Petroleum Hydrocarbons (GRO) mg/Kg	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
BTEX CONCENTRATIONS															
Analytical Method 8021B BTEX	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Toluene	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05	<0.05	0.057	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
m,p,o-Xylenes	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Total BTEX	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.05	<0.05	0.057	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

LAB SAMPLE NUMBER	151822	151823	151824	151825	151826	151827	151828	151829	151830	151831	151832	151833	151834	151835	151836	151837	NMOCD GUIDELINES FOR REMEDIATION OF LEAKS, SPILLS, AND RELEASES Aug-93	TIER 1 ** SOIL CONCENTRATIONS PROTECTIVE OF GROUNDWATER
SOIL BORING NUMBER	SB-9		SB-10		SB-11		SB-12		SB-13		SB-14		SB-15		SB-16*			
SAMPLE DEPTH	0-1'	5.5'	0-1'	7'	0-1'	2.5'	0-1'	12'	0-1'	19'	0-1'	8'	0-1'	20'	0-1'	10'	mg/Kg	mg/Kg
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	121.1	<0.25	NA	NA	<0.025	<0.025	14.28	<0.25		270.07
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		4499.81
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		1247.59
Benzidine	NA	NA	NA	NA	NA	NA	NA	NA	25.77	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		1301.71
p-Dimethylaminoazobenzene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Butylbenzylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Benzo(a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		7.48
3,3-Dichlorobenzidine	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		810.27
bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	NA	NA	NA	NA	<25	0.84	NA	NA	<0.025	<0.025	<0.025	<0.25		
Di-n-octylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		25.68
7,12-Dimethylbenz(a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	3.85	<0.25		
Benzo(k)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		25.68
Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		4.74
3-Methylcholanthrene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Benzo(a,j)acridine	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
Dibenzo(a,h)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		3.74
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA	NA	<25	<0.25	NA	NA	<0.025	<0.025	<0.025	<0.25		
TOTAL METALS																		
Analytical Method 6010a (ppm)	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Total Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	<5.0	NA	NA	<5.0	<5.0	<5.0	<5.0		
Total Barium	NA	NA	NA	NA	NA	NA	NA	NA	128	135	NA	NA	119	170	154	148	100 mg/Kg TCLP	
Total Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	<2.0	<2.0	NA	NA	<2.0	<2.0	<2.0	<2.0	1.0 mg/Kg TCLP	
Total Chromium	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	<5.0	NA	NA	7.5	6.1	7.4	<5.0	5.0 mg/Kg TCLP	
Total Lead	NA	NA	NA	NA	NA	NA	NA	NA	5.2	<5.0	NA	NA	5.2	<5.0	6.8	<5.0	5.0 mg/Kg TCLP	53.08
Total Selenium	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	<5.0	NA	NA	<5.0	<5.0	<5.0	<5.0	1.0 mg/Kg TCLP	
Total Silver	NA	NA	NA	NA	NA	NA	NA	NA	<2.0	<2.0	NA	NA	<2.0	<2.0	<2.0	<2.0	5.0 mg/Kg TCLP	
Total Mercury (mg/Kg)	NA	NA	NA	NA	NA	NA	NA	NA	<0.19	<0.19	NA	NA	<0.19	<0.19	<0.19	<0.19	0.2 mg/Kg TCLP	
TOTAL PETROLEUM HYDROCARBONS																		
Analytical Method 8015																		
Total Petroleum Hydrocarbons (DRO) mg/Kg	<50	<50	<50	<50	<50	<50	<50	<50	9478	69	<50	<50	<50	<50	757	<50	1,000*** or 5,000****	
Total Petroleum Hydrocarbons (GRO) mg/Kg	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	(see below)	
BTEX CONCENTRATIONS																		
Analytical Method 8021B BTEX	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Benzene	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	NA	NA	NA	NA		
Toluene	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	NA	NA	NA	NA		
Ethylbenzene	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	NA	NA	NA	NA		
m,p,o-Xylenes	<0.05	<0.05	0.088	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	NA	NA	NA	NA		* Total Xylenes
Total BTEX	<0.05	<0.05	0.088	<0.05	<0.05	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	NA	NA	NA	NA	50	** 20 NMAC 12

*** GW <100 ft bgs
**** GW > 100 ft bgs

NOTES:
All analytical results are in mg/Kg (ppm) except where noted otherwise.
ND = Parameters not detected at laboratory limit of quantiation
NA = Not analyzed



LP Environmental
Llano-Permian Environmental Services

Date: 09/21/00
Drawing: Bak003ssi1
By: PMJ

BAKER PETROLITE

5624 Lovington Hwy., Hobbs, New Mexico

Subsurface Investigation

Site Map

TRACEANALYSIS, INC.

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Analytical and Quality Control Report

Bo Vizcarino
Llano Permian Environmental
1031 Andrews Hwy, Ste. 115
Midland, TX 79701

Report Date: September 5, 2000

Order ID Number: A00082116

Project Number: BPC
Project Name: Subsurface Investigation
Project Location: Hobbs,NM

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace-Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
151805	SB-15 0-1'	Soil	8/15/00	9:30	8/19/00
151806	SB-15 20'	Soil	8/15/00	10:20	8/19/00
151807	SB-1 0-1'	Soil	8/15/00	10:32	8/19/00
151808	SB-1 20'	Soil	8/15/00	11:45	8/19/00
151809	SB-2 0-1'	Soil	8/15/00	15:20	8/19/00
151810	SB-2 20'	Soil	8/15/00	15:32	8/19/00
151811	SB-3 0-1'	Soil	8/15/00	13:15	8/19/00
151812	SB-3 20'	Soil	8/15/00	13:54	8/19/00
151813	SB-4 0-1'	Soil	8/15/00	16:35	8/19/00
151814	SB-4 20'	Soil	8/15/00	17:05	8/19/00
151815	SB-5 0-1'	Soil	8/15/00	14:15	8/19/00
151816	SB-5 20'	Soil	8/15/00	15:55	8/19/00
151817	SB-6 0-1'	Soil	8/16/00	7:40	8/19/00
151818	SB-6 20'	Soil	8/16/00	8:00	8/19/00
151819	SB-7 0-1'	Soil	8/16/00	12:05	8/19/00
151820	SB-7 8.5' TD	Soil	8/16/00	12:20	8/19/00
151821	SB-8 0-1'	Soil	8/16/00	11:40	8/19/00
151822	SB-9 0-1'	Soil	8/16/00	14:20	8/19/00
151823	SB-9 5.5' TD	Soil	8/16/00	15:25	8/19/00
151824	SB-10 0-1'	Soil	8/16/00	15:45	8/19/00
151825	SB-10 7' TD	Soil	8/15/00	15:40	8/19/00
151826	SB-11 0-1	Soil	8/16/00	15:30	8/19/00
151827	SB-11 2.5' TD	Soil	8/16/00	15:58	8/19/00
151828	SB-12 0-1'	Soil	8/16/00	11:00	8/19/00
151829	SB-12 10' TD	Soil	8/16/00	11:25	8/19/00
151830	SB-13 0-1'	Soil	8/16/00	8:55	8/19/00
151831	SB-13 19' TD	Soil	8/16/00	9:40	8/19/00
151832	SB-14 0-1'	Soil	8/16/00	16:15	8/19/00
151833	SB-14 8'-TD	Soil	8/16/00	16:30	8/19/00
151834	SB-16 0-1'	Soil	8/16/00	10:05	8/19/00
151835	SB-16 10'	Soil	8/16/00	10:35	8/19/00

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

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Dr. Blair Leftwich, Director

Analytical and Quality Control Report

Sample: 151805 - SB-15 0-1'

Analysis:	8260	Analytical Method:	S 8260B	QC Batch:	QC04476	Date Analyzed:	8/27/00
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB03900	Date Prepared:	8/27/00

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<50	µg/Kg	25	2
Dichlorodifluoromethane		<50	µg/Kg	25	2
Chloromethane (methyl chloride)		<50	µg/Kg	25	2
Vinyl Chloride		<50	µg/Kg	25	2
Bromomethane (methyl bromide)		<125	µg/Kg	25	5
Chloroethane		<50	µg/Kg	25	2
Trichlorofluoromethane		<50	µg/Kg	25	2
Acetone		<250	µg/Kg	25	10
Iodomethane (methyl iodide)		<50	µg/Kg	25	2
Carbon Disulfide		<50	µg/Kg	25	2
Acrylonitrile		<50	µg/Kg	25	2
2-Butanone (MEK)		<50	µg/Kg	25	2
4-methyl-2-pentanone (MIBK)		<250	µg/Kg	25	10
2-hexanone		<50	µg/Kg	25	2
trans 1,4-Dichloro-2-butene		<250	µg/Kg	25	10
1,1-Dichloroethene		<50	µg/Kg	25	2
Methylene chloride		<125	µg/Kg	25	5
MTBE		<50	µg/Kg	25	2
trans-1,2-Dichloroethene		<50	µg/Kg	25	2
1,1-Dichloroethane		<50	µg/Kg	25	2
cis-1,2-dichloroethene		<50	µg/Kg	25	2
2,2-Dichloropropane		<50	µg/Kg	25	2
1,2-Dichloroethane (EDC)		<50	µg/Kg	25	2
Chloroform		<50	µg/Kg	25	2
1,1,1-Trichloroethane		<50	µg/Kg	25	2
1,1-Dichloropropene		<50	µg/Kg	25	2
Benzene		<50	µg/Kg	25	2
Carbon Tetrachloride		<50	µg/Kg	25	2
1,2-Dichloropropane		<50	µg/Kg	25	2
Trichloroethene (TCE)		<50	µg/Kg	25	2
Dibromomethane (methylene bromide)		<50	µg/Kg	25	2
Bromodichloromethane		<50	µg/Kg	25	2
2-Chloroethyl vinyl ether		<250	µg/Kg	25	10
cis-1,3-Dichloropropene		<50	µg/Kg	25	2
trans-1,3-Dichloropropene		<50	µg/Kg	25	2
Toluene		<50	µg/Kg	25	2
1,1,2-Trichloroethane		<50	µg/Kg	25	2
1,3-Dichloropropane		<50	µg/Kg	25	2
Dibromochloromethane		<50	µg/Kg	25	2
1,2-Dibromoethane (EDB)		<50	µg/Kg	25	2
Tetrachloroethene (PCE)		<50	µg/Kg	25	2
Chlorobenzene		<50	µg/Kg	25	2
1,1,1,2-Tetrachloroethane		<50	µg/Kg	25	2
Ethylbenzene		<50	µg/Kg	25	2
m,p-Xylene		<50	µg/Kg	25	2

Continued ...

... *Continued* Sample: 151805 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
Bromoform		<50	µg/Kg	25	2
Styrene		<50	µg/Kg	25	2
o-Xylene		<50	µg/Kg	25	2
1,1,2,2-Tetrachloroethane		<50	µg/Kg	25	2
2-Chlorotoluene		<50	µg/Kg	25	2
1,2,3-Trichloropropane		<50	µg/Kg	25	2
Isopropylbenzene		<50	µg/Kg	25	2
Bromobenzene		<50	µg/Kg	25	2
n-Propylbenzene		<50	µg/Kg	25	2
1,3,5-Trimethylbenzene		<50	µg/Kg	25	2
tert-Butylbenzene		<50	µg/Kg	25	2
1,2,4-Trimethylbenzene		<50	µg/Kg	25	2
1,4-Dichlorobenzene (para)		<50	µg/Kg	25	2
sec-Butylbenzene		<50	µg/Kg	25	2
1,3-Dichlorobenzene		<50	µg/Kg	25	2
p-Isopropyltoluene		<50	µg/Kg	25	2
4-Chlorotoluene		<50	µg/Kg	25	2
1,2-Dichlorobenzene (ortho)		<50	µg/Kg	25	2
n-Butylbenzene		<50	µg/Kg	25	2
1,2-Dibromo-3-chloropropane		<125	µg/Kg	25	5
1,2,3-Trichlorobenzene		<125	µg/Kg	25	5
1,2,4-Trichlorobenzene		<125	µg/Kg	25	5
Naphthalene		<50	µg/Kg	25	2
Hexachlorobutadiene		<125	µg/Kg	25	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		46.99	µg/Kg	1	50	93	69 - 116
Toluene-d8		49.18	µg/Kg	1	50	98	88 - 114
4-Bromofluorobenzene		51.98	µg/Kg	1	50	103	74 - 110

Sample: 151805 - SB-15 0-1'

Analysis:	8270	Analytical Method:	S 8270C	QC Batch:	QC04421	Date Analyzed:	8/22/00
Analyst:	MA	Preparation Method:	E 3510C	Prep Batch:	PB03854	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.25	mg/Kg	1	0.25
n-Nitrosodimethylamine		<0.25	mg/Kg	1	0.25
2-Picoline		<0.25	mg/Kg	1	0.25
Methyl methanesulfonate		<0.25	mg/Kg	1	0.25
Ethyl methanesulfonate		<0.25	mg/Kg	1	0.25
Phenol		<0.25	mg/Kg	1	0.25
Aniline		<0.25	mg/Kg	1	0.25
bis (2-chloroethyl) ether		<0.25	mg/Kg	1	0.25
2-Chlorophenol		<0.25	mg/Kg	1	0.25
1,3-Dichlorobenzene		<0.25	mg/Kg	1	0.25
1,4-Dichlorobenzene		<0.25	mg/Kg	1	0.25
Benzyl alcohol		<0.25	mg/Kg	1	0.25

Continued ...

... *Continued* Sample: 151805 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
1,2-Dichlorobenzene		<0.25	mg/Kg	1	0.25
2-Methylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroisopropyl) ether		<0.25	mg/Kg	1	0.25
4-Methylphenol/3-Methylphenol		<0.25	mg/Kg	1	0.25
Acetophenone		<0.25	mg/Kg	1	0.25
n-Nitrosodi-n-propylamine		<0.25	mg/Kg	1	0.25
Hexachloroethane		<0.25	mg/Kg	1	0.25
Nitrobenzene		<0.25	mg/Kg	1	0.25
n-Nitrosopiperidine		<0.25	mg/Kg	1	0.25
Isophorone		<0.25	mg/Kg	1	0.25
2-Nitrophenol		<0.25	mg/Kg	1	0.25
2,4-Dimethylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroethoxy) methane		<0.25	mg/Kg	1	0.25
Benzoic acid		<0.25	mg/Kg	1	0.25
2,4-Dichlorophenol		<0.25	mg/Kg	1	0.25
1,2,4-Trichlorobenzene		<0.25	mg/Kg	1	0.25
a,a-Dimethylphenethylamine		<0.25	mg/Kg	1	0.25
Naphthalene		<0.25	mg/Kg	1	0.25
4-Chloroaniline		<0.25	mg/Kg	1	0.25
2,6-Dichlorophenol		<0.25	mg/Kg	1	0.25
Hexachlorobutadiene		<0.25	mg/Kg	1	0.25
n-Nitroso-di-n-butylamine		<0.25	mg/Kg	1	0.25
4-Chloro-3-methylphenol		<0.25	mg/Kg	1	0.25
1-Methylnaphthalene		<0.25	mg/Kg	1	0.25
2-Methylnaphthalene		<0.25	mg/Kg	1	0.25
1,2,4,5-Tetrachlorobenzene		<0.25	mg/Kg	1	0.25
Hexachlorocyclopentadiene		<0.25	mg/Kg	1	0.25
2,4,6-Trichlorophenol		<0.25	mg/Kg	1	0.25
2,4,5-Trichlorophenol		<0.25	mg/Kg	1	0.25
2-Chloronaphthalene		<0.25	mg/Kg	1	0.25
1-Chloronaphthalene		<0.25	mg/Kg	1	0.25
2-Nitroaniline		<0.25	mg/Kg	1	0.25
Dimethylphthalate		<0.25	mg/Kg	1	0.25
Acenaphthylene		<0.25	mg/Kg	1	0.25
2,6-Dinitrotoluene		<0.25	mg/Kg	1	0.25
3-Nitroaniline		<0.25	mg/Kg	1	0.25
Acenaphthene		<0.25	mg/Kg	1	0.25
2,4-Dinitrophenol		<0.25	mg/Kg	1	0.25
Dibenzofuran		<0.25	mg/Kg	1	0.25
Pentachlorobenzene		<0.25	mg/Kg	1	0.25
4-Nitrophenol		<0.25	mg/Kg	1	0.25
1-Napthylamine		<0.25	mg/Kg	1	0.25
2,4-Dinitrotoluene		<0.25	mg/Kg	1	0.25
2-Napthylamine		<0.25	mg/Kg	1	0.25
2,3,4,6-Tetrachlorophenol		<0.25	mg/Kg	1	0.25
Fluorene		<0.25	mg/Kg	1	0.25
Diethylphthalate		<0.25	mg/Kg	1	0.25
4-Chlorophenyl-phenylether		<0.25	mg/Kg	1	0.25
4-Nitroaniline		<0.25	mg/Kg	1	0.25
4,6-Dinitro-2-methylphenol		<0.25	mg/Kg	1	0.25
Diphenylamine		<0.25	mg/Kg	1	0.25

Continued ...

... Continued Sample: 151805 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
Diphenylhydrazine		<0.25	mg/Kg	1	0.25
4-Bromophenyl-phenylether		<0.25	mg/Kg	1	0.25
Phenacetin		<0.25	mg/Kg	1	0.25
Hexachlorobenzene		<0.25	mg/Kg	1	0.25
4-Aminobiphenyl		<0.25	mg/Kg	1	0.25
Pentachlorophenol		<0.25	mg/Kg	1	0.25
Pentachloronitrobenzene		<0.25	mg/Kg	1	0.25
Pronamide		<0.25	mg/Kg	1	0.25
Phenanthrene		<0.25	mg/Kg	1	0.25
Anthracene		<0.25	mg/Kg	1	0.25
Di-n-butylphthalate		<0.25	mg/Kg	1	0.25
Fluoranthene		<0.25	mg/Kg	1	0.25
Benzidine		<0.25	mg/Kg	1	0.25
Pyrene		<0.25	mg/Kg	1	0.25
p-Dimethylaminoazobenzene		<0.25	mg/Kg	1	0.25
Butylbenzylphthalate		<0.25	mg/Kg	1	0.25
Benzo(a)anthracene		<0.25	mg/Kg	1	0.25
3,3-Dichlorobenzidine		<0.25	mg/Kg	1	0.25
Chrysene		<0.25	mg/Kg	1	0.25
Bis (2-ethylhexyl) phthalate		<0.25	mg/Kg	1	0.25
Di-n-octylphthalate		<0.25	mg/Kg	1	0.25
Benzo(b)fluoranthene		<0.25	mg/Kg	1	0.25
7,12-Dimethylbenz(a)anthracene		<0.25	mg/Kg	1	0.25
Benzo(k)fluoranthene		<0.25	mg/Kg	1	0.25
Benzo(a)pyrene		<0.25	mg/Kg	1	0.25
3-Methylcholanthrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,j)acridine		<0.25	mg/Kg	1	0.25
Indeno(1,2,3-cd)pyrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,h)anthracene		<0.25	mg/Kg	1	0.25
Benzo(g,h,i)perylene		<0.25	mg/Kg	1	0.25

Sample: 151805 - SB-15 0-1'

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC04451	Date Analyzed:	8/23/00
Analyst:	MS	Preparation Method:	N/A	Prep Batch:	PB03879	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 151805 - SB-15 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04485	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03905	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151805 - SB-15 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04519	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03938	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151805 - SB-15 0-1'

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC04489	Date Analyzed:	8/23/00
Analyst:	RR	Preparation Method:	E 3050B	Prep Batch:	PB03829	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<5.0	mg/Kg	1	5
Total Barium		119	mg/Kg	1	5
Total Cadmium		<2.0	mg/Kg	1	2
Total Chromium		7.5	mg/Kg	1	5
Total Lead		5.2	mg/Kg	1	5
Total Selenium		<5.0	mg/Kg	1	5
Total Silver		<2.0	mg/Kg	1	2

Sample: 151806 - SB-15 20'

Analysis:	8260	Analytical Method:	S 8260B	QC Batch:	QC04476	Date Analyzed:	8/27/00
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB03900	Date Prepared:	8/27/00

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<50	µg/Kg	25	2
Dichlorodifluoromethane		<50	µg/Kg	25	2
Chloromethane (methyl chloride)		<50	µg/Kg	25	2
Vinyl Chloride		<50	µg/Kg	25	2
Bromomethane (methyl bromide)		<125	µg/Kg	25	5
Chloroethane		<50	µg/Kg	25	2
Trichlorofluoromethane		<50	µg/Kg	25	2
Acetone		<250	µg/Kg	25	10
Iodomethane (methyl iodide)		<50	µg/Kg	25	2
Carbon Disulfide		<50	µg/Kg	25	2
Acrylonitrile		<50	µg/Kg	25	2
2-Butanone (MEK)		<50	µg/Kg	25	2
4-methyl-2-pentanone (MIBK)		<250	µg/Kg	25	10
2-hexanone		<50	µg/Kg	25	2
trans 1,4-Dichloro-2-butene		<250	µg/Kg	25	10
1,1-Dichloroethene		<50	µg/Kg	25	2
Methylene chloride		<125	µg/Kg	25	5
MTBE		<50	µg/Kg	25	2
trans-1,2-Dichloroethene		<50	µg/Kg	25	2
1,1-Dichloroethane		<50	µg/Kg	25	2
cis-1,2-dichloroethene		<50	µg/Kg	25	2
2,2-Dichloropropane		<50	µg/Kg	25	2
1,2-Dichloroethane (EDC)		<50	µg/Kg	25	2
Chloroform		<50	µg/Kg	25	2
1,1,1-Trichloroethane		<50	µg/Kg	25	2

Continued ...

... *Continued* Sample: 151806 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
1,1-Dichloropropene		<50	µg/Kg	25	2
Benzene		<50	µg/Kg	25	2
Carbon Tetrachloride		<50	µg/Kg	25	2
1,2-Dichloropropane		<50	µg/Kg	25	2
Trichloroethene (TCE)		<50	µg/Kg	25	2
Dibromomethane (methylene bromide)		<50	µg/Kg	25	2
Bromodichloromethane		<50	µg/Kg	25	2
2-Chloroethyl vinyl ether		<250	µg/Kg	25	10
cis-1,3-Dichloropropene		<50	µg/Kg	25	2
trans-1,3-Dichloropropene		<50	µg/Kg	25	2
Toluene		<50	µg/Kg	25	2
1,1,2-Trichloroethane		<50	µg/Kg	25	2
1,3-Dichloropropane		<50	µg/Kg	25	2
Dibromochloromethane		<50	µg/Kg	25	2
1,2-Dibromoethane (EDB)		<50	µg/Kg	25	2
Tetrachloroethene (PCE)		<50	µg/Kg	25	2
Chlorobenzene		<50	µg/Kg	25	2
1,1,1,2-Tetrachloroethane		<50	µg/Kg	25	2
Ethylbenzene		<50	µg/Kg	25	2
m,p-Xylene		<50	µg/Kg	25	2
Bromoform		<50	µg/Kg	25	2
Styrene		<50	µg/Kg	25	2
o-Xylene		<50	µg/Kg	25	2
1,1,2,2-Tetrachloroethane		<50	µg/Kg	25	2
2-Chlorotoluene		<50	µg/Kg	25	2
1,2,3-Trichloropropane		<50	µg/Kg	25	2
Isopropylbenzene		<50	µg/Kg	25	2
Bromobenzene		<50	µg/Kg	25	2
n-Propylbenzene		<50	µg/Kg	25	2
1,3,5-Trimethylbenzene		<50	µg/Kg	25	2
tert-Butylbenzene		<50	µg/Kg	25	2
1,2,4-Trimethylbenzene		<50	µg/Kg	25	2
1,4-Dichlorobenzene (para)		<50	µg/Kg	25	2
sec-Butylbenzene		<50	µg/Kg	25	2
1,3-Dichlorobenzene		<50	µg/Kg	25	2
p-Isopropyltoluene		<50	µg/Kg	25	2
4-Chlorotoluene		<50	µg/Kg	25	2
1,2-Dichlorobenzene (ortho)		<50	µg/Kg	25	2
n-Butylbenzene		<50	µg/Kg	25	2
1,2-Dibromo-3-chloropropane		<125	µg/Kg	25	5
1,2,3-Trichlorobenzene		<125	µg/Kg	25	5
1,2,4-Trichlorobenzene		<125	µg/Kg	25	5
Naphthalene		<50	µg/Kg	25	2
Hexachlorobutadiene		<125	µg/Kg	25	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		47.12	µg/Kg	1	50	94	69 - 116
Toluene-d8		49.47	µg/Kg	1	50	98	88 - 114
4-Bromofluorobenzene		51.76	µg/Kg	1	50	103	74 - 110

Sample: 151806 - SB-15 20'

Analysis:	8270	Analytical Method:	S 8270C	QC Batch:	QC04421	Date Analyzed:	8/22/00
Analyst:	MA	Preparation Method:	E 3510C	Prep Batch:	PB03854	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.25	mg/Kg	1	0.25
n-Nitrosodimethylamine		<0.25	mg/Kg	1	0.25
2-Picoline		<0.25	mg/Kg	1	0.25
Methyl methanesulfonate		<0.25	mg/Kg	1	0.25
Ethyl methanesulfonate		<0.25	mg/Kg	1	0.25
Phenol		<0.25	mg/Kg	1	0.25
Aniline		<0.25	mg/Kg	1	0.25
bis (2-chloroethyl) ether		<0.25	mg/Kg	1	0.25
2-Chlorophenol		<0.25	mg/Kg	1	0.25
1,3-Dichlorobenzene		<0.25	mg/Kg	1	0.25
1,4-Dichlorobenzene		<0.25	mg/Kg	1	0.25
Benzyl alcohol		<0.25	mg/Kg	1	0.25
1,2-Dichlorobenzene		<0.25	mg/Kg	1	0.25
2-Methylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroisopropyl) ether		<0.25	mg/Kg	1	0.25
4-Methylphenol/3-Methylphenol		<0.25	mg/Kg	1	0.25
Acetophenone		<0.25	mg/Kg	1	0.25
n-Nitrosodi-n-propylamine		<0.25	mg/Kg	1	0.25
Hexachloroethane		<0.25	mg/Kg	1	0.25
Nitrobenzene		<0.25	mg/Kg	1	0.25
n-Nitrosopiperidine		<0.25	mg/Kg	1	0.25
Isophorone		<0.25	mg/Kg	1	0.25
2-Nitrophenol		<0.25	mg/Kg	1	0.25
2,4-Dimethylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroethoxy) methane		<0.25	mg/Kg	1	0.25
Benzoic acid		<0.25	mg/Kg	1	0.25
2,4-Dichlorophenol		<0.25	mg/Kg	1	0.25
1,2,4-Trichlorobenzene		<0.25	mg/Kg	1	0.25
a,a-Dimethylphenethylamine		<0.25	mg/Kg	1	0.25
Naphthalene		<0.25	mg/Kg	1	0.25
4-Chloroaniline		<0.25	mg/Kg	1	0.25
2,6-Dichlorophenol		<0.25	mg/Kg	1	0.25
Hexachlorobutadiene		<0.25	mg/Kg	1	0.25
n-Nitroso-di-n-butylamine		<0.25	mg/Kg	1	0.25
4-Chloro-3-methylphenol		<0.25	mg/Kg	1	0.25
1-Methylnaphthalene		<0.25	mg/Kg	1	0.25
2-Methylnaphthalene		<0.25	mg/Kg	1	0.25
1,2,4,5-Tetrachlorobenzene		<0.25	mg/Kg	1	0.25
Hexachlorocyclopentadiene		<0.25	mg/Kg	1	0.25
2,4,6-Trichlorophenol		<0.25	mg/Kg	1	0.25
2,4,5-Trichlorophenol		<0.25	mg/Kg	1	0.25
2-Chloronaphthalene		<0.25	mg/Kg	1	0.25
1-Chloronaphthalene		<0.25	mg/Kg	1	0.25
2-Nitroaniline		<0.25	mg/Kg	1	0.25
Dimethylphthalate		<0.25	mg/Kg	1	0.25
Acenaphthylene		<0.25	mg/Kg	1	0.25
2,6-Dinitrotoluene		<0.25	mg/Kg	1	0.25
3-Nitroaniline		<0.25	mg/Kg	1	0.25

Continued ...

... *Continued* Sample: 151806 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
Acenaphthene		<0.25	mg/Kg	1	0.25
2,4-Dinitrophenol		<0.25	mg/Kg	1	0.25
Dibenzofuran		<0.25	mg/Kg	1	0.25
Pentachlorobenzene		<0.25	mg/Kg	1	0.25
4-Nitrophenol		<0.25	mg/Kg	1	0.25
1-Napthylamine		<0.25	mg/Kg	1	0.25
2,4-Dinitrotoluene		<0.25	mg/Kg	1	0.25
2-Napthylamine		<0.25	mg/Kg	1	0.25
2,3,4,6-Tetrachlorophenol		<0.25	mg/Kg	1	0.25
Fluorene		<0.25	mg/Kg	1	0.25
Diethylphthalate		<0.25	mg/Kg	1	0.25
4-Chlorophenyl-phenylether		<0.25	mg/Kg	1	0.25
4-Nitroaniline		<0.25	mg/Kg	1	0.25
4,6-Dinitro-2-methylphenol		<0.25	mg/Kg	1	0.25
Diphenylamine		<0.25	mg/Kg	1	0.25
Diphenylhydrazine		<0.25	mg/Kg	1	0.25
4-Bromophenyl-phenylether		<0.25	mg/Kg	1	0.25
Phenacetin		<0.25	mg/Kg	1	0.25
Hexachlorobenzene		<0.25	mg/Kg	1	0.25
4-Aminobiphenyl		<0.25	mg/Kg	1	0.25
Pentachlorophenol		<0.25	mg/Kg	1	0.25
Pentachloronitrobenzene		<0.25	mg/Kg	1	0.25
Pronamide		<0.25	mg/Kg	1	0.25
Phenanthrene		<0.25	mg/Kg	1	0.25
Anthracene		<0.25	mg/Kg	1	0.25
Di-n-butylphthalate		<0.25	mg/Kg	1	0.25
Fluoranthene		<0.25	mg/Kg	1	0.25
Benzidine		<0.25	mg/Kg	1	0.25
Pyrene		<0.25	mg/Kg	1	0.25
p-Dimethylaminoazobenzene		<0.25	mg/Kg	1	0.25
Butylbenzylphthalate		<0.25	mg/Kg	1	0.25
Benzo(a)anthracene		<0.25	mg/Kg	1	0.25
3,3-Dichlorobenzidine		<0.25	mg/Kg	1	0.25
Chrysene		<0.25	mg/Kg	1	0.25
Bis (2-ethylhexyl) phthalate		<0.25	mg/Kg	1	0.25
Di-n-octylphthalate		<0.25	mg/Kg	1	0.25
Benzo(b)fluoranthene		<0.25	mg/Kg	1	0.25
7,12-Dimethylbenz(a)anthracene		<0.25	mg/Kg	1	0.25
Benzo(k)fluoranthene		<0.25	mg/Kg	1	0.25
Benzo(a)pyrene		<0.25	mg/Kg	1	0.25
3-Methylcholanthrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,j)acridine		<0.25	mg/Kg	1	0.25
Indeno(1,2,3-cd)pyrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,h)anthracene		<0.25	mg/Kg	1	0.25
Benzo(g,h,i)perylene		<0.25	mg/Kg	1	0.25

Sample: 151806 - SB-15 20'

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC04451	Date Analyzed:	8/23/00
Analyst:	MS	Preparation Method:	N/A	Prep Batch:	PB03879	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 151806 - SB-15 20'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04485	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03905	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151806 - SB-15 20'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04519	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03938	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151806 - SB-15 20'

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC04489	Date Analyzed:	8/23/00
Analyst:	RR	Preparation Method:	E 3050B	Prep Batch:	PB03829	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<5.0	mg/Kg	1	5
Total Barium		170	mg/Kg	1	5
Total Cadmium		<2.0	mg/Kg	1	2
Total Chromium		6.1	mg/Kg	1	5
Total Lead		<5.0	mg/Kg	1	5
Total Selenium		<5.0	mg/Kg	1	5
Total Silver		<2.0	mg/Kg	1	2

Sample: 151807 - SB-1 0-1'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.45	mg/Kg	1	0.10	89	72 - 128
4-BFB		4.65	mg/Kg	1	0.10	93	72 - 128

Sample: 151807 - SB-1 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04486	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:		Prep Batch:	PB03906	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151807 - SB-1 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151808 - SB-1 20'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.5	mg/Kg	1	0.10	90	72 - 128
4-BFB		4.6	mg/Kg	1	0.10	92	72 - 128

Sample: 151808 - SB-1 20'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04486	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03906	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151808 - SB-1 20'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151809 - SB-2 0-1'

Analysis:	8260	Analytical Method:	S 8260B	QC Batch:	QC04476	Date Analyzed:	8/27/00
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB03900	Date Prepared:	8/27/00

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<50	µg/Kg	25	2
Dichlorodifluoromethane		<50	µg/Kg	25	2
Chloromethane (methyl chloride)		<50	µg/Kg	25	2
Vinyl Chloride		<50	µg/Kg	25	2
Bromomethane (methyl bromide)		<125	µg/Kg	25	5
Chloroethane		<50	µg/Kg	25	2
Trichlorofluoromethane		<50	µg/Kg	25	2
Acetone		<250	µg/Kg	25	10
Iodomethane (methyl iodide)		<50	µg/Kg	25	2
Carbon Disulfide		<50	µg/Kg	25	2
Acrylonitrile		<50	µg/Kg	25	2
2-Butanone (MEK)		<50	µg/Kg	25	2
4-methyl-2-pentanone (MIBK)		<250	µg/Kg	25	10
2-hexanone		<50	µg/Kg	25	2
trans 1,4-Dichloro-2-butene		<250	µg/Kg	25	10
1,1-Dichloroethene		<50	µg/Kg	25	2
Methylene chloride		<125	µg/Kg	25	5
MTBE		<50	µg/Kg	25	2
trans-1,2-Dichloroethene		<50	µg/Kg	25	2
1,1-Dichloroethane		<50	µg/Kg	25	2
cis-1,2-dichloroethene		<50	µg/Kg	25	2
2,2-Dichloropropane		<50	µg/Kg	25	2
1,2-Dichloroethane (EDC)		<50	µg/Kg	25	2
Chloroform		<50	µg/Kg	25	2
1,1,1-Trichloroethane		<50	µg/Kg	25	2
1,1-Dichloropropene		<50	µg/Kg	25	2
Benzene		<50	µg/Kg	25	2
Carbon Tetrachloride		<50	µg/Kg	25	2
1,2-Dichloropropane		<50	µg/Kg	25	2
Trichloroethene (TCE)		<50	µg/Kg	25	2
Dibromomethane (methylene bromide)		<50	µg/Kg	25	2
Bromodichloromethane		<50	µg/Kg	25	2
2-Chloroethyl vinyl ether		<250	µg/Kg	25	10
cis-1,3-Dichloropropene		<50	µg/Kg	25	2
trans-1,3-Dichloropropene		<50	µg/Kg	25	2
Toluene		<50	µg/Kg	25	2
1,1,2-Trichloroethane		<50	µg/Kg	25	2
1,3-Dichloropropane		<50	µg/Kg	25	2
Dibromochloromethane		<50	µg/Kg	25	2
1,2-Dibromoethane (EDB)		<50	µg/Kg	25	2
Tetrachloroethene (PCE)		<50	µg/Kg	25	2
Chlorobenzene		<50	µg/Kg	25	2
1,1,1,2-Tetrachloroethane		<50	µg/Kg	25	2
Ethylbenzene		<50	µg/Kg	25	2
m,p-Xylene		<50	µg/Kg	25	2
Bromoform		<50	µg/Kg	25	2
Styrene		<50	µg/Kg	25	2
o-Xylene		<50	µg/Kg	25	2

Continued ...

... *Continued* Sample: 151809 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
1,1,2,2-Tetrachloroethane		<50	µg/Kg	25	2
2-Chlorotoluene		<50	µg/Kg	25	2
1,2,3-Trichloropropane		<50	µg/Kg	25	2
Isopropylbenzene		<50	µg/Kg	25	2
Bromobenzene		<50	µg/Kg	25	2
n-Propylbenzene		<50	µg/Kg	25	2
1,3,5-Trimethylbenzene		<50	µg/Kg	25	2
tert-Butylbenzene		<50	µg/Kg	25	2
1,2,4-Trimethylbenzene		<50	µg/Kg	25	2
1,4-Dichlorobenzene (para)		<50	µg/Kg	25	2
sec-Butylbenzene		<50	µg/Kg	25	2
1,3-Dichlorobenzene		<50	µg/Kg	25	2
p-Isopropyltoluene		<50	µg/Kg	25	2
4-Chlorotoluene		<50	µg/Kg	25	2
1,2-Dichlorobenzene (ortho)		<50	µg/Kg	25	2
n-Butylbenzene		<50	µg/Kg	25	2
1,2-Dibromo-3-chloropropane		<125	µg/Kg	25	5
1,2,3-Trichlorobenzene		<125	µg/Kg	25	5
1,2,4-Trichlorobenzene		<125	µg/Kg	25	5
Naphthalene		<50	µg/Kg	25	2
Hexachlorobutadiene		<125	µg/Kg	25	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		46.40	µg/Kg	1	50	92	69 - 116
Toluene-d8		49.15	µg/Kg	1	50	98	88 - 114
4-Bromofluorobenzene		51.89	µg/Kg	1	50	103	74 - 110

Sample: 151809 - SB-2 0-1'

Analysis:	8270	Analytical Method:	S 8270C	QC Batch:	QC04421	Date Analyzed:	8/22/00
Analyst:	MA	Preparation Method:	E 3510C	Prep Batch:	PB03854	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.25	mg/Kg	1	0.25
n-Nitrosodimethylamine		<0.25	mg/Kg	1	0.25
2-Picoline		<0.25	mg/Kg	1	0.25
Methyl methanesulfonate		<0.25	mg/Kg	1	0.25
Ethyl methanesulfonate		<0.25	mg/Kg	1	0.25
Phenol		<0.25	mg/Kg	1	0.25
Aniline		<0.25	mg/Kg	1	0.25
bis (2-chloroethyl) ether		<0.25	mg/Kg	1	0.25
2-Chlorophenol		<0.25	mg/Kg	1	0.25
1,3-Dichlorobenzene		<0.25	mg/Kg	1	0.25
1,4-Dichlorobenzene		<0.25	mg/Kg	1	0.25
Benzyl alcohol		<0.25	mg/Kg	1	0.25
1,2-Dichlorobenzene		<0.25	mg/Kg	1	0.25
2-Methylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroisopropyl) ether		<0.25	mg/Kg	1	0.25

Continued ...

... *Continued* Sample: 151809 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
4-Methylphenol/3-Methylphenol		<0.25	mg/Kg	1	0.25
Acetophenone		<0.25	mg/Kg	1	0.25
n-Nitrosodi-n-propylamine		<0.25	mg/Kg	1	0.25
Hexachloroethane		<0.25	mg/Kg	1	0.25
Nitrobenzene		<0.25	mg/Kg	1	0.25
n-Nitrosopiperidine		<0.25	mg/Kg	1	0.25
Isophorone		<0.25	mg/Kg	1	0.25
2-Nitrophenol		<0.25	mg/Kg	1	0.25
2,4-Dimethylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroethoxy) methane		<0.25	mg/Kg	1	0.25
Benzoic acid		<0.25	mg/Kg	1	0.25
2,4-Dichlorophenol		<0.25	mg/Kg	1	0.25
1,2,4-Trichlorobenzene		<0.25	mg/Kg	1	0.25
a,a-Dimethylphenethylamine		<0.25	mg/Kg	1	0.25
Naphthalene		<0.25	mg/Kg	1	0.25
4-Chloroaniline		<0.25	mg/Kg	1	0.25
2,6-Dichlorophenol		<0.25	mg/Kg	1	0.25
Hexachlorobutadiene		<0.25	mg/Kg	1	0.25
n-Nitroso-di-n-butylamine		<0.25	mg/Kg	1	0.25
4-Chloro-3-methylphenol		<0.25	mg/Kg	1	0.25
1-Methylnaphthalene		<0.25	mg/Kg	1	0.25
2-Methylnaphthalene		<0.25	mg/Kg	1	0.25
1,2,4,5-Tetrachlorobenzene		<0.25	mg/Kg	1	0.25
Hexachlorocyclopentadiene		<0.25	mg/Kg	1	0.25
2,4,6-Trichlorophenol		<0.25	mg/Kg	1	0.25
2,4,5-Trichlorophenol		<0.25	mg/Kg	1	0.25
2-Chloronaphthalene		<0.25	mg/Kg	1	0.25
1-Chloronaphthalene		<0.25	mg/Kg	1	0.25
2-Nitroaniline		<0.25	mg/Kg	1	0.25
Dimethylphthalate		<0.25	mg/Kg	1	0.25
Acenaphthylene		<0.25	mg/Kg	1	0.25
2,6-Dinitrotoluene		<0.25	mg/Kg	1	0.25
3-Nitroaniline		<0.25	mg/Kg	1	0.25
Acenaphthene		<0.25	mg/Kg	1	0.25
2,4-Dinitrophenol		<0.25	mg/Kg	1	0.25
Dibenzofuran		<0.25	mg/Kg	1	0.25
Pentachlorobenzene		<0.25	mg/Kg	1	0.25
4-Nitrophenol		<0.25	mg/Kg	1	0.25
1-Napthylamine		<0.25	mg/Kg	1	0.25
2,4-Dinitrotoluene		<0.25	mg/Kg	1	0.25
2-Napthylamine		<0.25	mg/Kg	1	0.25
2,3,4,6-Tetrachlorophenol		<0.25	mg/Kg	1	0.25
Fluorene		<0.25	mg/Kg	1	0.25
Diethylphthalate		<0.25	mg/Kg	1	0.25
4-Chlorophenyl-phenylether		<0.25	mg/Kg	1	0.25
4-Nitroaniline		<0.25	mg/Kg	1	0.25
4,6-Dinitro-2-methylphenol		<0.25	mg/Kg	1	0.25
Diphenylamine		<0.25	mg/Kg	1	0.25
Diphenylhydrazine		<0.25	mg/Kg	1	0.25
4-Bromophenyl-phenylether		<0.25	mg/Kg	1	0.25
Phenacetin		<0.25	mg/Kg	1	0.25

Continued ...

... *Continued* Sample: 151809 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
Hexachlorobenzene		<0.25	mg/Kg	1	0.25
4-Aminobiphenyl		<0.25	mg/Kg	1	0.25
Pentachlorophenol		<0.25	mg/Kg	1	0.25
Pentachloronitrobenzene		<0.25	mg/Kg	1	0.25
Pronamide		<0.25	mg/Kg	1	0.25
Phenanthrene		<0.25	mg/Kg	1	0.25
Anthracene		<0.25	mg/Kg	1	0.25
Di-n-butylphthalate		<0.25	mg/Kg	1	0.25
Fluoranthene		<0.25	mg/Kg	1	0.25
Benzidine		<0.25	mg/Kg	1	0.25
Pyrene		<0.25	mg/Kg	1	0.25
p-Dimethylaminoazobenzene		<0.25	mg/Kg	1	0.25
Butylbenzylphthalate		<0.25	mg/Kg	1	0.25
Benzo(a)anthracene		<0.25	mg/Kg	1	0.25
3,3-Dichlorobenzidine		<0.25	mg/Kg	1	0.25
Chrysene		<0.25	mg/Kg	1	0.25
Bis (2-ethylhexyl) phthalate		<0.25	mg/Kg	1	0.25
Di-n-octylphthalate		<0.25	mg/Kg	1	0.25
Benzo(b)fluoranthene		<0.25	mg/Kg	1	0.25
7,12-Dimethylbenz(a)anthracene		<0.25	mg/Kg	1	0.25
Benzo(k)fluoranthene		<0.25	mg/Kg	1	0.25
Benzo(a)pyrene		<0.25	mg/Kg	1	0.25
3-Methylcholanthrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,j)acridine		<0.25	mg/Kg	1	0.25
Indeno(1,2,3-cd)pyrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,h)anthracene		<0.25	mg/Kg	1	0.25
Benzo(g,h,i)perylene		<0.25	mg/Kg	1	0.25

Sample: 151809 - SB-2 0-1'

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC04451	Date Analyzed:	8/23/00
Analyst:	MS	Preparation Method:	N/A	Prep Batch:	PB03879	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 151809 - SB-2 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04486	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03906	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151809 - SB-2 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151809 - SB-2 0-1'

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC04489	Date Analyzed:	8/23/00
Analyst:	RR	Preparation Method:	E 3050B	Prep Batch:	PB03829	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<5.0	mg/Kg	1	5
Total Barium		184	mg/Kg	1	5
Total Cadmium		<2.0	mg/Kg	1	2
Total Chromium		5.9	mg/Kg	1	5
Total Lead		<5.0	mg/Kg	1	5
Total Selenium		<5.0	mg/Kg	1	5
Total Silver		<2.0	mg/Kg	1	2

Sample: 151810 - SB-2 20'

Analysis:	8260	Analytical Method:	S 8260B	QC Batch:	QC04476	Date Analyzed:	8/27/00
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB03900	Date Prepared:	8/27/00

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<50	µg/Kg	25	2
Dichlorodifluoromethane		<50	µg/Kg	25	2
Chloromethane (methyl chloride)		<50	µg/Kg	25	2
Vinyl Chloride		<50	µg/Kg	25	2
Bromomethane (methyl bromide)		<125	µg/Kg	25	5
Chloroethane		<50	µg/Kg	25	2
Trichlorofluoromethane		<50	µg/Kg	25	2
Acetone		<250	µg/Kg	25	10
Iodomethane (methyl iodide)		<50	µg/Kg	25	2
Carbon Disulfide		<50	µg/Kg	25	2
Acrylonitrile		<50	µg/Kg	25	2
2-Butanone (MEK)		<50	µg/Kg	25	2
4-methyl-2-pentanone (MIBK)		<250	µg/Kg	25	10
2-hexanone		<50	µg/Kg	25	2
trans 1,4-Dichloro-2-butene		<250	µg/Kg	25	10
1,1-Dichloroethene		<50	µg/Kg	25	2
Methylene chloride		<125	µg/Kg	25	5
MTBE		<50	µg/Kg	25	2
trans-1,2-Dichloroethene		<50	µg/Kg	25	2
1,1-Dichloroethane		<50	µg/Kg	25	2
cis-1,2-dichloroethene		<50	µg/Kg	25	2
2,2-Dichloropropane		<50	µg/Kg	25	2
1,2-Dichloroethane (EDC)		<50	µg/Kg	25	2
Chloroform		<50	µg/Kg	25	2
1,1,1-Trichloroethane		<50	µg/Kg	25	2
1,1-Dichloropropene		<50	µg/Kg	25	2
Benzene		<50	µg/Kg	25	2
Carbon Tetrachloride		<50	µg/Kg	25	2
1,2-Dichloropropane		<50	µg/Kg	25	2

Continued ...

... *Continued* Sample: 151810 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
Trichloroethene (TCE)		<50	µg/Kg	25	2
Dibromomethane (methylene bromide)		<50	µg/Kg	25	2
Bromodichloromethane		<50	µg/Kg	25	2
2-Chloroethyl vinyl ether		<250	µg/Kg	25	10
cis-1,3-Dichloropropene		<50	µg/Kg	25	2
trans-1,3-Dichloropropene		<50	µg/Kg	25	2
Toluene		<50	µg/Kg	25	2
1,1,2-Trichloroethane		<50	µg/Kg	25	2
1,3-Dichloropropane		<50	µg/Kg	25	2
Dibromochloromethane		<50	µg/Kg	25	2
1,2-Dibromoethane (EDB)		<50	µg/Kg	25	2
Tetrachloroethene (PCE)		<50	µg/Kg	25	2
Chlorobenzene		<50	µg/Kg	25	2
1,1,1,2-Tetrachloroethane		<50	µg/Kg	25	2
Ethylbenzene		<50	µg/Kg	25	2
m,p-Xylene		<50	µg/Kg	25	2
Bromoform		<50	µg/Kg	25	2
Styrene		<50	µg/Kg	25	2
o-Xylene		<50	µg/Kg	25	2
1,1,2,2-Tetrachloroethane		<50	µg/Kg	25	2
2-Chlorotoluene		<50	µg/Kg	25	2
1,2,3-Trichloropropane		<50	µg/Kg	25	2
Isopropylbenzene		<50	µg/Kg	25	2
Bromobenzene		<50	µg/Kg	25	2
n-Propylbenzene		<50	µg/Kg	25	2
1,3,5-Trimethylbenzene		<50	µg/Kg	25	2
tert-Butylbenzene		<50	µg/Kg	25	2
1,2,4-Trimethylbenzene		<50	µg/Kg	25	2
1,4-Dichlorobenzene (para)		<50	µg/Kg	25	2
sec-Butylbenzene		<50	µg/Kg	25	2
1,3-Dichlorobenzene		<50	µg/Kg	25	2
p-Isopropyltoluene		<50	µg/Kg	25	2
4-Chlorotoluene		<50	µg/Kg	25	2
1,2-Dichlorobenzene (ortho)		<50	µg/Kg	25	2
n-Butylbenzene		<50	µg/Kg	25	2
1,2-Dibromo-3-chloropropane		<125	µg/Kg	25	5
1,2,3-Trichlorobenzene		<125	µg/Kg	25	5
1,2,4-Trichlorobenzene		<125	µg/Kg	25	5
Naphthalene		<50	µg/Kg	25	2
Hexachlorobutadiene		<125	µg/Kg	25	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		46.39	µg/Kg	1	50	92	69 - 116
Toluene-d8		50.00	µg/Kg	1	50	100	88 - 114
4-Bromofluorobenzene		50.59	µg/Kg	1	50	101	74 - 110

Sample: 151810 - SB-2 20'

Analysis:	8270	Analytical Method:	S 8270C	QC Batch:	QC04421	Date Analyzed:	8/22/00
Analyst:	MA	Preparation Method:	E 3510C	Prep Batch:	PB03854	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.25	mg/Kg	1	0.25
n-Nitrosodimethylamine		<0.25	mg/Kg	1	0.25
2-Picoline		<0.25	mg/Kg	1	0.25
Methyl methanesulfonate		<0.25	mg/Kg	1	0.25
Ethyl methanesulfonate		<0.25	mg/Kg	1	0.25
Phenol		<0.25	mg/Kg	1	0.25
Aniline		<0.25	mg/Kg	1	0.25
bis (2-chloroethyl) ether		<0.25	mg/Kg	1	0.25
2-Chlorophenol		<0.25	mg/Kg	1	0.25
1,3-Dichlorobenzene		<0.25	mg/Kg	1	0.25
1,4-Dichlorobenzene		<0.25	mg/Kg	1	0.25
Benzyl alcohol		<0.25	mg/Kg	1	0.25
1,2-Dichlorobenzene		<0.25	mg/Kg	1	0.25
2-Methylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroisopropyl) ether		<0.25	mg/Kg	1	0.25
4-Methylphenol/3-Methylphenol		<0.25	mg/Kg	1	0.25
Acetophenone		<0.25	mg/Kg	1	0.25
n-Nitrosodi-n-propylamine		<0.25	mg/Kg	1	0.25
Hexachloroethane		<0.25	mg/Kg	1	0.25
Nitrobenzene		<0.25	mg/Kg	1	0.25
n-Nitrosopiperidine		<0.25	mg/Kg	1	0.25
Isophorone		<0.25	mg/Kg	1	0.25
2-Nitrophenol		<0.25	mg/Kg	1	0.25
2,4-Dimethylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroethoxy) methane		<0.25	mg/Kg	1	0.25
Benzoic acid		<0.25	mg/Kg	1	0.25
2,4-Dichlorophenol		<0.25	mg/Kg	1	0.25
1,2,4-Trichlorobenzene		<0.25	mg/Kg	1	0.25
a,a-Dimethylphenethylamine		<0.25	mg/Kg	1	0.25
Naphthalene		<0.25	mg/Kg	1	0.25
4-Chloroaniline		<0.25	mg/Kg	1	0.25
2,6-Dichlorophenol		<0.25	mg/Kg	1	0.25
Hexachlorobutadiene		<0.25	mg/Kg	1	0.25
n-Nitroso-di-n-butylamine		<0.25	mg/Kg	1	0.25
4-Chloro-3-methylphenol		<0.25	mg/Kg	1	0.25
1-Methylnaphthalene		<0.25	mg/Kg	1	0.25
2-Methylnaphthalene		<0.25	mg/Kg	1	0.25
1,2,4,5-Tetrachlorobenzene		<0.25	mg/Kg	1	0.25
Hexachlorocyclopentadiene		<0.25	mg/Kg	1	0.25
2,4,6-Trichlorophenol		<0.25	mg/Kg	1	0.25
2,4,5-Trichlorophenol		<0.25	mg/Kg	1	0.25
2-Chloronaphthalene		<0.25	mg/Kg	1	0.25
1-Chloronaphthalene		<0.25	mg/Kg	1	0.25
2-Nitroaniline		<0.25	mg/Kg	1	0.25
Dimethylphthalate		<0.25	mg/Kg	1	0.25
Acenaphthylene		<0.25	mg/Kg	1	0.25
2,6-Dinitrotoluene		<0.25	mg/Kg	1	0.25
3-Nitroaniline		<0.25	mg/Kg	1	0.25

Continued ...

... *Continued* Sample: 151810 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
Acenaphthene		<0.25	mg/Kg	1	0.25
2,4-Dinitrophenol		<0.25	mg/Kg	1	0.25
Dibenzofuran		<0.25	mg/Kg	1	0.25
Pentachlorobenzene		<0.25	mg/Kg	1	0.25
4-Nitrophenol		<0.25	mg/Kg	1	0.25
1-Napthylamine		<0.25	mg/Kg	1	0.25
2,4-Dinitrotoluene		<0.25	mg/Kg	1	0.25
2-Napthylamine		<0.25	mg/Kg	1	0.25
2,3,4,6-Tetrachlorophenol		<0.25	mg/Kg	1	0.25
Fluorene		<0.25	mg/Kg	1	0.25
Diethylphthalate		<0.25	mg/Kg	1	0.25
4-Chlorophenyl-phenylether		<0.25	mg/Kg	1	0.25
4-Nitroaniline		<0.25	mg/Kg	1	0.25
4,6-Dinitro-2-methylphenol		<0.25	mg/Kg	1	0.25
Diphenylamine		<0.25	mg/Kg	1	0.25
Diphenylhydrazine		<0.25	mg/Kg	1	0.25
4-Bromophenyl-phenylether		<0.25	mg/Kg	1	0.25
Phenacetin		<0.25	mg/Kg	1	0.25
Hexachlorobenzene		<0.25	mg/Kg	1	0.25
4-Aminobiphenyl		<0.25	mg/Kg	1	0.25
Pentachlorophenol		<0.25	mg/Kg	1	0.25
Pentachloronitrobenzene		<0.25	mg/Kg	1	0.25
Pronamide		<0.25	mg/Kg	1	0.25
Phenanthrene		<0.25	mg/Kg	1	0.25
Anthracene		<0.25	mg/Kg	1	0.25
Di-n-butylphthalate		<0.25	mg/Kg	1	0.25
Fluoranthene		<0.25	mg/Kg	1	0.25
Benzidine		<0.25	mg/Kg	1	0.25
Pyrene		<0.25	mg/Kg	1	0.25
p-Dimethylaminoazobenzene		<0.25	mg/Kg	1	0.25
Butylbenzylphthalate		<0.25	mg/Kg	1	0.25
Benzo(a)anthracene		<0.25	mg/Kg	1	0.25
3,3-Dichlorobenzidine		<0.25	mg/Kg	1	0.25
Chrysene		<0.25	mg/Kg	1	0.25
Bis (2-ethylhexyl) phthalate		<0.25	mg/Kg	1	0.25
Di-n-octylphthalate		<0.25	mg/Kg	1	0.25
Benzo(b)fluoranthene		<0.25	mg/Kg	1	0.25
7,12-Dimethylbenz(a)anthracene		<0.25	mg/Kg	1	0.25
Benzo(k)fluoranthene		<0.25	mg/Kg	1	0.25
Benzo(a)pyrene		<0.25	mg/Kg	1	0.25
3-Methylcholanthrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,j)acridine		<0.25	mg/Kg	1	0.25
Indeno(1,2,3-cd)pyrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,h)anthracene		<0.25	mg/Kg	1	0.25
Benzo(g,h,i)perylene		<0.25	mg/Kg	1	0.25

Sample: 151810 - SB-2 20'

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC04492	Date Analyzed:	8/23/00
Analyst:	MS	Preparation Method:	N/A	Prep Batch:	PB03910	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 151810 - SB-2 20'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04486	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03906	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151810 - SB-2 20'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151810 - SB-2 20'

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC04489	Date Analyzed:	8/23/00
Analyst:	RR	Preparation Method:	E 3050B	Prep Batch:	PB03829	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<5.0	mg/Kg	1	5
Total Barium		104	mg/Kg	1	5
Total Cadmium		<2.0	mg/Kg	1	2
Total Chromium		10	mg/Kg	1	5
Total Lead		<5.0	mg/Kg	1	5
Total Selenium		<5.0	mg/Kg	1	5
Total Silver		<2.0	mg/Kg	1	2

Sample: 151811 - SB-3 0-1'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.35	mg/Kg	1	0.10	87	72 - 128
4-BFB		4.74	mg/Kg	1	0.10	94	72 - 128

Sample: 151811 - SB-3 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04486	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03906	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151811 - SB-3 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151812 - SB-3 20'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.42	mg/Kg	1	0.10	88	72 - 128
4-BFB		4.69	mg/Kg	1	0.10	93	72 - 128

Sample: 151812 - SB-3 20'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04486	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03906	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151812 - SB-3 20'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151813 - SB-4 0-1'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		0.051	mg/Kg	50	0.001
Total BTEX		0.051	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.21	mg/Kg	1	0.10	84	72 - 128
4-BFB		4.46	mg/Kg	1	0.10	89	72 - 128

Sample: 151813 - SB-4 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04486	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03906	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151813 - SB-4 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151814 - SB-4 20'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.37	mg/Kg	1	0.10	87	72 - 128
4-BFB		4.62	mg/Kg	1	0.10	92	72 - 128

Sample: 151814 - SB-4 20'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04486	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03906	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151814 - SB-4 20'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151815 - SB-5 0-1'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		0.057	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		0.057	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.36	mg/Kg	1	0.10	87	72 - 128
4-BFB		4.56	mg/Kg	1	0.10	91	72 - 128

Sample: 151815 - SB-5 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04486	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03906	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151815 - SB-5 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151816 - SB-5 20'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.34	mg/Kg	1	0.10	86	72 - 128
4-BFB		4.56	mg/Kg	1	0.10	91	72 - 128

Sample: 151816 - SB-5 20'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04486	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03906	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151816 - SB-5 20'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151817 - SB-6 0-1'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.41	mg/Kg	1	0.10	88	72 - 128
4-BFB		4.72	mg/Kg	1	0.10	94	72 - 128

Sample: 151817 - SB-6 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04487	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03907	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151817 - SB-6 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151818 - SB-6 20'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.41	mg/Kg	1	0.10	88	72 - 128
4-BFB		4.54	mg/Kg	1	0.10	90	72 - 128

Sample: 151818 - SB-6 20'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04487	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03907	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151818 - SB-6 20'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151819 - SB-7 0-1'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.36	mg/Kg	1	0.10	87	72 - 128
4-BFB		4.59	mg/Kg	1	0.10	91	72 - 128

Sample: 151819 - SB-7 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04487	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03907	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151819 - SB-7 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151820 - SB-7 8.5' TD

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.56	mg/Kg	1	0.10	91	72 - 128
4-BFB		4.69	mg/Kg	1	0.10	93	72 - 128

Sample: 151820 - SB-7 8.5' TD

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04487	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03907	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151820 - SB-7 8.5' TD

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151821 - SB-8 0-1'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.34	mg/Kg	1	0.10	86	72 - 128
4-BFB		4.65	mg/Kg	1	0.10	93	72 - 128

Sample: 151821 - SB-8 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04487	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03907	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151821 - SB-8 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151822 - SB-9 0-1'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04471	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03889	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.44	mg/Kg	1	0.10	88	72 - 128
4-BFB		4.64	mg/Kg	1	0.10	92	72 - 128

Sample: 151822 - SB-9 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04487	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03907	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151822 - SB-9 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04472	Date Analyzed:	8/25/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03890	Date Prepared:	8/24/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151823 - SB-9 5.5' TD

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04600	Date Analyzed:	8/30/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB04008	Date Prepared:	8/30/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		5.29	mg/Kg	1	0.10	105	72 - 128
4-BFB		5.08	mg/Kg	1	0.10	101	72 - 128

Sample: 151823 - SB-9 5.5' TD

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04487	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03907	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151823 - SB-9 5.5' TD

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04607	Date Analyzed:	8/30/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB04008	Date Prepared:	8/30/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151824 - SB-10 0-1'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04671	Date Analyzed:	9/1/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB04063	Date Prepared:	9/1/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		0.088	mg/Kg	50	0.001
Total BTEX		0.088	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.68	mg/Kg	1	0.10	93	72 - 128
4-BFB		4.6	mg/Kg	1	0.10	92	72 - 128

Sample: 151824 - SB-10 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04487	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03907	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151824 - SB-10 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04660	Date Analyzed:	9/1/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB04064	Date Prepared:	9/1/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151825 - SB-10 7' TD

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04671	Date Analyzed:	9/1/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB04063	Date Prepared:	9/1/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		4.78	mg/Kg	1	0.10	95	72 - 128
4-BFB		4.59	mg/Kg	1	0.10	91	72 - 128

Sample: 151825 - SB-10 7' TD

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04487	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03907	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151825 - SB-10 7' TD

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04660	Date Analyzed:	9/1/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB04064	Date Prepared:	9/1/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151826 - SB-11 0-1

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04520	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03940	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		6	mg/Kg	1	0.10	120	72 - 128
4-BFB		5.86	mg/Kg	1	0.10	117	72 - 128

Sample: 151826 - SB-11 0-1

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04487	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03907	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151826 - SB-11 0-1

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04522	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03941	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151827 - SB-11 2.5' TD

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04520	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03940	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		6.06	mg/Kg	1	0.10	121	72 - 128
4-BFB		5.89	mg/Kg	1	0.10	117	72 - 128

Sample: 151827 - SB-11 2.5' TD

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04488	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03908	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151827 - SB-11 2.5' TD

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04522	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03941	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151828 - SB-12 0-1'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04520	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03940	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		6.06	mg/Kg	1	0.10	121	72 - 128
4-BFB		5.88	mg/Kg	1	0.10	117	72 - 128

Sample: 151828 - SB-12 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04488	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03908	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151828 - SB-12 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04522	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03941	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151829 - SB-12 10' TD

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04520	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03940	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		6.09	mg/Kg	1	0.10	121	72 - 128
4-BFB		5.87	mg/Kg	1	0.10	117	72 - 128

Sample: 151829 - SB-12 10' TD

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04488	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03908	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151829 - SB-12 10' TD

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04522	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03941	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151830 - SB-13 0-1'

Analysis:	8260	Analytical Method:	S 8260B	QC Batch:	QC04476	Date Analyzed:	8/27/00
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB03900	Date Prepared:	8/27/00

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<1000	µg/Kg	1	2
Dichlorodifluoromethane		<1000	µg/Kg	1	2
Chloromethane (methyl chloride)		<1000	µg/Kg	1	2
Vinyl Chloride		<1000	µg/Kg	1	2
Bromomethane (methyl bromide)		<2500	µg/Kg	1	5
Chloroethane		<1000	µg/Kg	1	2
Trichlorofluoromethane		<1000	µg/Kg	1	2
Acetone		<5000	µg/Kg	1	10
Iodomethane (methyl iodide)		<1000	µg/Kg	1	2
Carbon Disulfide		<1000	µg/Kg	1	2
Acrylonitrile		<1000	µg/Kg	1	2
2-Butanone (MEK)		<1000	µg/Kg	1	2
4-methyl-2-pentanone (MIBK)		<5000	µg/Kg	1	10
2-hexanone		<1000	µg/Kg	1	2
trans 1,4-Dichloro-2-butene		<5000	µg/Kg	1	10
1,1-Dichloroethene		<1000	µg/Kg	1	2
Methylene chloride		<2500	µg/Kg	1	5
MTBE		<1000	µg/Kg	1	2
trans-1,2-Dichloroethene		<1000	µg/Kg	1	2
1,1-Dichloroethane		<1000	µg/Kg	1	2
cis-1,2-dichloroethene		<1000	µg/Kg	1	2
2,2-Dichloropropane		<1000	µg/Kg	1	2
1,2-Dichloroethane (EDC)		<1000	µg/Kg	1	2
Chloroform		<1000	µg/Kg	1	2
1,1,1-Trichloroethane		<1000	µg/Kg	1	2
1,1-Dichloropropene		<1000	µg/Kg	1	2
Benzene		<1000	µg/Kg	1	2
Carbon Tetrachloride		<1000	µg/Kg	1	2
1,2-Dichloropropane		<1000	µg/Kg	1	2
Trichloroethene (TCE)		<1000	µg/Kg	1	2
Dibromomethane (methylene bromide)		<1000	µg/Kg	1	2

Continued ...

... *Continued* Sample: 151830 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
Bromodichloromethane		<1000	µg/Kg	1	2
2-Chloroethyl vinyl ether		<5000	µg/Kg	1	10
cis-1,3-Dichloropropene		<1000	µg/Kg	1	2
trans-1,3-Dichloropropene		<1000	µg/Kg	1	2
Toluene		<1000	µg/Kg	1	2
1,1,2-Trichloroethane		<1000	µg/Kg	1	2
1,3-Dichloropropane		<1000	µg/Kg	1	2
Dibromochloromethane		<1000	µg/Kg	1	2
1,2-Dibromoethane (EDB)		<1000	µg/Kg	1	2
Tetrachloroethene (PCE)		<1000	µg/Kg	1	2
Chlorobenzene		<1000	µg/Kg	1	2
1,1,1,2-Tetrachloroethane		<1000	µg/Kg	1	2
Ethylbenzene		<1000	µg/Kg	1	2
m,p-Xylene		4023	µg/Kg	1	2
Bromoform		<1000	µg/Kg	1	2
Styrene		<1000	µg/Kg	1	2
o-Xylene		11598	µg/Kg	1	2
1,1,2,2-Tetrachloroethane		<1000	µg/Kg	1	2
2-Chlorotoluene		<1000	µg/Kg	1	2
1,2,3-Trichloropropane		<1000	µg/Kg	1	2
Isopropylbenzene		4985	µg/Kg	1	2
Bromobenzene		<1000	µg/Kg	1	2
n-Propylbenzene		9100	µg/Kg	1	2
1,3,5-Trimethylbenzene		34295	µg/Kg	1	2
tert-Butylbenzene		<1000	µg/Kg	1	2
1,2,4-Trimethylbenzene		49752	µg/Kg	1	2
1,4-Dichlorobenzene (para)		<1000	µg/Kg	1	2
sec-Butylbenzene		1739	µg/Kg	1	2
1,3-Dichlorobenzene		<1000	µg/Kg	1	2
p-Isopropyltoluene		29711	µg/Kg	1	2
4-Chlorotoluene		<1000	µg/Kg	1	2
1,2-Dichlorobenzene (ortho)		<1000	µg/Kg	1	2
n-Butylbenzene		2260	µg/Kg	1	2
1,2-Dibromo-3-chloropropane		<2500	µg/Kg	1	5
1,2,3-Trichlorobenzene		<2500	µg/Kg	1	5
1,2,4-Trichlorobenzene		<2500	µg/Kg	1	5
Naphthalene		56454	µg/Kg	1	2
Hexachlorobutadiene		<2500	µg/Kg	1	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		47.05	µg/Kg	1	50	94	69 - 116
Toluene-d8		49.78	µg/Kg	1	50	99	88 - 114
4-Bromofluorobenzene		51.53	µg/Kg	1	50	103	74 - 110

Sample: 151830 - SB-13 0-1'

Analysis:	8270	Analytical Method:	S 8270C	QC Batch:	QC04527	Date Analyzed:	8/29/00
Analyst:	MA	Preparation Method:	E 3510C	Prep Batch:	PB03854	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<25.00	mg/Kg	100	0.25
n-Nitrosodimethylamine		<25.00	mg/Kg	100	0.25
2-Picoline		<25.00	mg/Kg	100	0.25
Methyl methanesulfonate		<25.00	mg/Kg	100	0.25
Ethyl methanesulfonate		<25.00	mg/Kg	100	0.25
Phenol		<25.00	mg/Kg	100	0.25
Aniline		<25.00	mg/Kg	100	0.25
bis (2-chloroethyl) ether		<25.00	mg/Kg	100	0.25
2-Chlorophenol		<25.00	mg/Kg	100	0.25
1,3-Dichlorobenzene		<25.00	mg/Kg	100	0.25
1,4-Dichlorobenzene		<25.00	mg/Kg	100	0.25
Benzyl alcohol		<25.00	mg/Kg	100	0.25
1,2-Dichlorobenzene		<25.00	mg/Kg	100	0.25
2-Methylphenol		<25.00	mg/Kg	100	0.25
bis (2-chloroisopropyl) ether		<25.00	mg/Kg	100	0.25
4-Methylphenol/3-Methylphenol		<25.00	mg/Kg	100	0.25
Acetophenone		<25.00	mg/Kg	100	0.25
n-Nitrosodi-n-propylamine		<25.00	mg/Kg	100	0.25
Hexachloroethane		<25.00	mg/Kg	100	0.25
Nitrobenzene		<25.00	mg/Kg	100	0.25
n-Nitrosopiperidine		<25.00	mg/Kg	100	0.25
Isophorone		<25.00	mg/Kg	100	0.25
2-Nitrophenol		<25.00	mg/Kg	100	0.25
2,4-Dimethylphenol		<25.00	mg/Kg	100	0.25
bis (2-chloroethoxy) methane		<25.00	mg/Kg	100	0.25
Benzoic acid		<25.00	mg/Kg	100	0.25
2,4-Dichlorophenol		<25.00	mg/Kg	100	0.25
1,2,4-Trichlorobenzene		<25.00	mg/Kg	100	0.25
a,a-Dimethylphenethylamine		<25.00	mg/Kg	100	0.25
Naphthalene		79.70	mg/Kg	100	0.25
4-Chloroaniline		<25.00	mg/Kg	100	0.25
2,6-Dichlorophenol		<25.00	mg/Kg	100	0.25
Hexachlorobutadiene		<25.00	mg/Kg	100	0.25
n-Nitroso-di-n-butylamine		<25.00	mg/Kg	100	0.25
4-Chloro-3-methylphenol		<25.00	mg/Kg	100	0.25
1-Methylnaphthalene		348.04	mg/Kg	100	0.25
2-Methylnaphthalene		328.58	mg/Kg	100	0.25
1,2,4,5-Tetrachlorobenzene		<25.00	mg/Kg	100	0.25
Hexachlorocyclopentadiene		<25.00	mg/Kg	100	0.25
2,4,6-Trichlorophenol		<25.00	mg/Kg	100	0.25
2,4,5-Trichlorophenol		<25.00	mg/Kg	100	0.25
2-Chloronaphthalene		<25.00	mg/Kg	100	0.25
1-Chloronaphthalene		<25.00	mg/Kg	100	0.25
2-Nitroaniline		<25.00	mg/Kg	100	0.25
Dimethylphthalate		<25.00	mg/Kg	100	0.25
Acenaphthylene		<25.00	mg/Kg	100	0.25
2,6-Dinitrotoluene		<25.00	mg/Kg	100	0.25
3-Nitroaniline		<25.00	mg/Kg	100	0.25
Acenaphthene		27.39	mg/Kg	100	0.25
2,4-Dinitrophenol		<25.00	mg/Kg	100	0.25
Dibenzofuran		30.09	mg/Kg	100	0.25
Pentachlorobenzene		<25.00	mg/Kg	100	0.25

Continued ...

... *Continued* Sample: 151830 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
4-Nitrophenol		<25.00	mg/Kg	100	0.25
1-Napthylamine		<25.00	mg/Kg	100	0.25
2,4-Dinitrotoluene		<25.00	mg/Kg	100	0.25
2-Napthylamine		<25.00	mg/Kg	100	0.25
2,3,4,6-Tetrachlorophenol		<25.00	mg/Kg	100	0.25
Fluorene		47.51	mg/Kg	100	0.25
Diethylphthalate		<25.00	mg/Kg	100	0.25
4-Chlorophenyl-phenylether		<25.00	mg/Kg	100	0.25
4-Nitroaniline		<25.00	mg/Kg	100	0.25
4,6-Dinitro-2-methylphenol		25.35	mg/Kg	100	0.25
Diphenylamine		<25.00	mg/Kg	100	0.25
Diphenylhydrazine		<25.00	mg/Kg	100	0.25
4-Bromophenyl-phenylether		<25.00	mg/Kg	100	0.25
Phenacetin		<25.00	mg/Kg	100	0.25
Hexachlorobenzene		<25.00	mg/Kg	100	0.25
4-Aminobiphenyl		<25.00	mg/Kg	100	0.25
Pentachlorophenol		<25.00	mg/Kg	100	0.25
Pentachloronitrobenzene		<25.00	mg/Kg	100	0.25
Pronamide		<25.00	mg/Kg	100	0.25
Phenanthrene		121.10	mg/Kg	100	0.25
Anthracene		<25.00	mg/Kg	100	0.25
Di-n-butylphthalate		<25.00	mg/Kg	100	0.25
Fluoranthene		<25.00	mg/Kg	100	0.25
Benzidine		25.77	mg/Kg	100	0.25
Pyrene		<25.00	mg/Kg	100	0.25
p-Dimethylaminoazobenzene		<25.00	mg/Kg	100	0.25
Butylbenzylphthalate		<25.00	mg/Kg	100	0.25
Benzo(a)anthracene		<25.00	mg/Kg	100	0.25
3,3-Dichlorobenzidine		<25.00	mg/Kg	100	0.25
Chrysene		<25.00	mg/Kg	100	0.25
Bis (2-ethylhexyl) phthalate		<25.00	mg/Kg	100	0.25
Di-n-octylphthalate		<25.00	mg/Kg	100	0.25
Benzo(b)fluoranthene		<25.00	mg/Kg	100	0.25
7,12-Dimethylbenz(a)anthracene		<25.00	mg/Kg	100	0.25
Benzo(k)fluoranthene		<25.00	mg/Kg	100	0.25
Benzo(a)pyrene		<25.00	mg/Kg	100	0.25
3-Methylcholanthrene		<25.00	mg/Kg	100	0.25
Dibenzo(a,j)acridine		<25.00	mg/Kg	100	0.25
Indeno(1,2,3-cd)pyrene		<25.00	mg/Kg	100	0.25
Dibenzo(a,h)anthracene		<25.00	mg/Kg	100	0.25
Benzo(g,h,i)perylene		<25.00	mg/Kg	100	0.25

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		59.31	mg/Kg	100	80	74	22 - 103
Phenol-d5		70.23	mg/Kg	100	80	87	32 - 112
Nitrobenzene-d5		61.65	mg/Kg	100	80	77	45 - 111
2-Fluorobiphenyl		81.19	mg/Kg	100	80	101	43 - 110
2,4,6-Tribromophenol		11.02	mg/Kg	100	80	13	34 - 136
Terphenyl-d14		76.27	mg/Kg	100	80	95	47 - 120

Sample: 151830 - SB-13 0-1'

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC04492	Date Analyzed:	8/23/00
Analyst:	MS	Preparation Method:	N/A	Prep Batch:	PB03910	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 151830 - SB-13 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04595	Date Analyzed:	8/31/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB04003	Date Prepared:	8/31/00

Param	Flag	Result	Units	Dilution	RDL
DRO		9,478	mg/Kg	10	50

Sample: 151830 - SB-13 0-1'

Analysis:	TPH GRO	Analytical Method:	Mod. 602	QC Batch:	QC04522	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03941	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151830 - SB-13 0-1'

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC04489	Date Analyzed:	8/23/00
Analyst:	RR	Preparation Method:	E 3050B	Prep Batch:	PB03829	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<5.0	mg/Kg	1	5
Total Barium		128	mg/Kg	1	5
Total Cadmium		<2.0	mg/Kg	1	2
Total Chromium		<5.0	mg/Kg	1	5
Total Lead		5.2	mg/Kg	1	5
Total Selenium		<5.0	mg/Kg	1	5
Total Silver		<2.0	mg/Kg	1	2

Sample: 151831 - SB-13 19' TD

Analysis:	8260	Analytical Method:	S 8260B	QC Batch:	QC04476	Date Analyzed:	8/27/00
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB03900	Date Prepared:	8/27/00

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<50	µg/Kg	25	2
Dichlorodifluoromethane		<50	µg/Kg	25	2
Chloromethane (methyl chloride)		<50	µg/Kg	25	2
Vinyl Chloride		<50	µg/Kg	25	2
Bromomethane (methyl bromide)		<125	µg/Kg	25	5
Chloroethane		<50	µg/Kg	25	2
Trichlorofluoromethane		<50	µg/Kg	25	2

Continued ...

... *Continued* Sample: 151831 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
Acetone		<250	µg/Kg	25	10
Iodomethane (methyl iodide)		<50	µg/Kg	25	2
Carbon Disulfide		<50	µg/Kg	25	2
Acrylonitrile		<50	µg/Kg	25	2
2-Butanone (MEK)		<50	µg/Kg	25	2
4-methyl-2-pentanone (MIBK)		<250	µg/Kg	25	10
2-hexanone		<50	µg/Kg	25	2
trans 1,4-Dichloro-2-butene		<250	µg/Kg	25	10
1,1-Dichloroethene		<50	µg/Kg	25	2
Methylene chloride		<125	µg/Kg	25	5
MTBE		<50	µg/Kg	25	2
trans-1,2-Dichloroethene		<50	µg/Kg	25	2
1,1-Dichloroethane		<50	µg/Kg	25	2
cis-1,2-dichloroethene		<50	µg/Kg	25	2
2,2-Dichloropropane		<50	µg/Kg	25	2
1,2-Dichloroethane (EDC)		<50	µg/Kg	25	2
Chloroform		<50	µg/Kg	25	2
1,1,1-Trichloroethane		<50	µg/Kg	25	2
1,1-Dichloropropene		<50	µg/Kg	25	2
Benzene		<50	µg/Kg	25	2
Carbon Tetrachloride		<50	µg/Kg	25	2
1,2-Dichloropropane		<50	µg/Kg	25	2
Trichloroethene (TCE)		<50	µg/Kg	25	2
Dibromomethane (methylene bromide)		<50	µg/Kg	25	2
Bromodichloromethane		<50	µg/Kg	25	2
2-Chloroethyl vinyl ether		<250	µg/Kg	25	10
cis-1,3-Dichloropropene		<50	µg/Kg	25	2
trans-1,3-Dichloropropene		<50	µg/Kg	25	2
Toluene		<50	µg/Kg	25	2
1,1,2-Trichloroethane		<50	µg/Kg	25	2
1,3-Dichloropropane		<50	µg/Kg	25	2
Dibromochloromethane		<50	µg/Kg	25	2
1,2-Dibromoethane (EDB)		<50	µg/Kg	25	2
Tetrachloroethene (PCE)		<50	µg/Kg	25	2
Chlorobenzene		<50	µg/Kg	25	2
1,1,1,2-Tetrachloroethane		<50	µg/Kg	25	2
Ethylbenzene		<50	µg/Kg	25	2
m,p-Xylene		<50	µg/Kg	25	2
Bromoform		<50	µg/Kg	25	2
Styrene		<50	µg/Kg	25	2
o-Xylene		<50	µg/Kg	25	2
1,1,2,2-Tetrachloroethane		<50	µg/Kg	25	2
2-Chlorotoluene		<50	µg/Kg	25	2
1,2,3-Trichloropropane		<50	µg/Kg	25	2
Isopropylbenzene		<50	µg/Kg	25	2
Bromobenzene		<50	µg/Kg	25	2
n-Propylbenzene		<50	µg/Kg	25	2
1,3,5-Trimethylbenzene		<50	µg/Kg	25	2
tert-Butylbenzene		<50	µg/Kg	25	2
1,2,4-Trimethylbenzene		<50	µg/Kg	25	2
1,4-Dichlorobenzene (para)		<50	µg/Kg	25	2

Continued ...

... *Continued* Sample: 151831 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
sec-Butylbenzene		<50	µg/Kg	25	2
1,3-Dichlorobenzene		<50	µg/Kg	25	2
p-Isopropyltoluene		<50	µg/Kg	25	2
4-Chlorotoluene		<50	µg/Kg	25	2
1,2-Dichlorobenzene (ortho)		<50	µg/Kg	25	2
n-Butylbenzene		<50	µg/Kg	25	2
1,2-Dibromo-3-chloropropane		<125	µg/Kg	25	5
1,2,3-Trichlorobenzene		<125	µg/Kg	25	5
1,2,4-Trichlorobenzene		<125	µg/Kg	25	5
Naphthalene		319	µg/Kg	25	2
Hexachlorobutadiene		<125	µg/Kg	25	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		46.31	µg/Kg	1	50	92	69 - 116
Toluene-d8		49.37	µg/Kg	1	50	98	88 - 114
4-Bromofluorobenzene		51.57	µg/Kg	1	50	103	74 - 110

Sample: 151831 - SB-13 19' TD

Analysis:	8270	Analytical Method:	S 8270C	QC Batch:	QC04421	Date Analyzed:	8/22/00
Analyst:	MA	Preparation Method:	E 3510C	Prep Batch:	PB03854	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.25	mg/Kg	1	0.25
n-Nitrosodimethylamine		<0.25	mg/Kg	1	0.25
2-Picoline		<0.25	mg/Kg	1	0.25
Methyl methanesulfonate		<0.25	mg/Kg	1	0.25
Ethyl methanesulfonate		<0.25	mg/Kg	1	0.25
Phenol		<0.25	mg/Kg	1	0.25
Aniline		<0.25	mg/Kg	1	0.25
bis (2-chloroethyl) ether		<0.25	mg/Kg	1	0.25
2-Chlorophenol		<0.25	mg/Kg	1	0.25
1,3-Dichlorobenzene		<0.25	mg/Kg	1	0.25
1,4-Dichlorobenzene		<0.25	mg/Kg	1	0.25
Benzyl alcohol		<0.25	mg/Kg	1	0.25
1,2-Dichlorobenzene		<0.25	mg/Kg	1	0.25
2-Methylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroisopropyl) ether		<0.25	mg/Kg	1	0.25
4-Methylphenol/3-Methylphenol		<0.25	mg/Kg	1	0.25
Acetophenone		<0.25	mg/Kg	1	0.25
n-Nitrosodi-n-propylamine		<0.25	mg/Kg	1	0.25
Hexachloroethane		<0.25	mg/Kg	1	0.25
Nitrobenzene		<0.25	mg/Kg	1	0.25
n-Nitrosopiperidine		<0.25	mg/Kg	1	0.25
Isophorone		<0.25	mg/Kg	1	0.25
2-Nitrophenol		<0.25	mg/Kg	1	0.25
2,4-Dimethylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroethoxy) methane		<0.25	mg/Kg	1	0.25

Continued ...

... *Continued* Sample: 151831 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
Benzoic acid		<0.25	mg/Kg	1	0.25
2,4-Dichlorophenol		<0.25	mg/Kg	1	0.25
1,2,4-Trichlorobenzene		<0.25	mg/Kg	1	0.25
a,a-Dimethylphenethylamine		<0.25	mg/Kg	1	0.25
Naphthalene		<0.25	mg/Kg	1	0.25
4-Chloroaniline		<0.25	mg/Kg	1	0.25
2,6-Dichlorophenol		<0.25	mg/Kg	1	0.25
Hexachlorobutadiene		<0.25	mg/Kg	1	0.25
n-Nitroso-di-n-butylamine		<0.25	mg/Kg	1	0.25
4-Chloro-3-methylphenol		<0.25	mg/Kg	1	0.25
1-Methylnaphthalene		<0.25	mg/Kg	1	0.25
2-Methylnaphthalene		<0.25	mg/Kg	1	0.25
1,2,4,5-Tetrachlorobenzene		<0.25	mg/Kg	1	0.25
Hexachlorocyclopentadiene		<0.25	mg/Kg	1	0.25
2,4,6-Trichlorophenol		<0.25	mg/Kg	1	0.25
2,4,5-Trichlorophenol		<0.25	mg/Kg	1	0.25
2-Chloronaphthalene		<0.25	mg/Kg	1	0.25
1-Chloronaphthalene		<0.25	mg/Kg	1	0.25
2-Nitroaniline		<0.25	mg/Kg	1	0.25
Dimethylphthalate		<0.25	mg/Kg	1	0.25
Acenaphthylene		<0.25	mg/Kg	1	0.25
2,6-Dinitrotoluene		<0.25	mg/Kg	1	0.25
3-Nitroaniline		<0.25	mg/Kg	1	0.25
Acenaphthene		<0.25	mg/Kg	1	0.25
2,4-Dinitrophenol		<0.25	mg/Kg	1	0.25
Dibenzofuran		<0.25	mg/Kg	1	0.25
Pentachlorobenzene		<0.25	mg/Kg	1	0.25
4-Nitrophenol		<0.25	mg/Kg	1	0.25
1-Napthylamine		<0.25	mg/Kg	1	0.25
2,4-Dinitrotoluene		<0.25	mg/Kg	1	0.25
2-Napthylamine		<0.25	mg/Kg	1	0.25
2,3,4,6-Tetrachlorophenol		<0.25	mg/Kg	1	0.25
Fluorene		<0.25	mg/Kg	1	0.25
Diethylphthalate		<0.25	mg/Kg	1	0.25
4-Chlorophenyl-phenylether		<0.25	mg/Kg	1	0.25
4-Nitroaniline		<0.25	mg/Kg	1	0.25
4,6-Dinitro-2-methylphenol		<0.25	mg/Kg	1	0.25
Diphenylamine		<0.25	mg/Kg	1	0.25
Diphenylhydrazine		<0.25	mg/Kg	1	0.25
4-Bromophenyl-phenylether		<0.25	mg/Kg	1	0.25
Phenacetin		<0.25	mg/Kg	1	0.25
Hexachlorobenzene		<0.25	mg/Kg	1	0.25
4-Aminobiphenyl		<0.25	mg/Kg	1	0.25
Pentachlorophenol		<0.25	mg/Kg	1	0.25
Pentachloronitrobenzene		<0.25	mg/Kg	1	0.25
Pronamide		<0.25	mg/Kg	1	0.25
Phenanthrene		<0.25	mg/Kg	1	0.25
Anthracene		<0.25	mg/Kg	1	0.25
Di-n-butylphthalate		<0.25	mg/Kg	1	0.25
Fluoranthene		<0.25	mg/Kg	1	0.25
Benzidine		<0.25	mg/Kg	1	0.25

Continued ...

... *Continued* Sample: 151831 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
Pyrene		<0.25	mg/Kg	1	0.25
p-Dimethylaminoazobenzene		<0.25	mg/Kg	1	0.25
Butylbenzylphthalate		<0.25	mg/Kg	1	0.25
Benzo(a)anthracene		<0.25	mg/Kg	1	0.25
3,3-Dichlorobenzidine		<0.25	mg/Kg	1	0.25
Chrysene		<0.25	mg/Kg	1	0.25
Bis (2-ethylhexyl) phthalate		0.84	mg/Kg	1	0.25
Di-n-octylphthalate		<0.25	mg/Kg	1	0.25
Benzo(b)fluoranthene		<0.25	mg/Kg	1	0.25
7,12-Dimethylbenz(a)anthracene		<0.25	mg/Kg	1	0.25
Benzo(k)fluoranthene		<0.25	mg/Kg	1	0.25
Benzo(a)pyrene		<0.25	mg/Kg	1	0.25
3-Methylcholanthrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,j)acridine		<0.25	mg/Kg	1	0.25
Indeno(1,2,3-cd)pyrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,h)anthracene		<0.25	mg/Kg	1	0.25
Benzo(g,h,i)perylene		<0.25	mg/Kg	1	0.25

Sample: 151831 - SB-13 19' TD

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC04492	Date Analyzed:	8/23/00
Analyst:	MS	Preparation Method:	N/A	Prep Batch:	PB03910	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 151831 - SB-13 19' TD

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04488	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03908	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		69	mg/Kg	1	50

Sample: 151831 - SB-13 19' TD

Analysis:	TPH GRO	Analytical Method:	Mod. 602	QC Batch:	QC04522	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03941	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151831 - SB-13 19' TD

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC04489	Date Analyzed:	8/23/00
Analyst:	RR	Preparation Method:	E 3050B	Prep Batch:	PB03829	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<5.0	mg/Kg	1	5
Total Barium		135	mg/Kg	1	5
Total Cadmium		<2.0	mg/Kg	1	2
Total Chromium		<5.0	mg/Kg	1	5
Total Lead		<5.0	mg/Kg	1	5
Total Selenium		<5.0	mg/Kg	1	5
Total Silver		<2.0	mg/Kg	1	2

Sample: 151832 - SB-14 0-1'

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04520	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03940	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		5.84	mg/Kg	1	0.10	116	72 - 128
4-BFB		5.68	mg/Kg	1	0.10	113	72 - 128

Sample: 151832 - SB-14 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04488	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03908	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151832 - SB-14 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04522	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03941	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151833 - SB-14 8'-TD

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC04520	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:	5035	Prep Batch:	PB03940	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.05	mg/Kg	50	0.001

Continued ...

... Continued Sample: 151833 Analysis: BTEX

Param	Flag	Result	Units	Dilution	RDL
Toluene		<0.05	mg/Kg	50	0.001
Ethylbenzene		<0.05	mg/Kg	50	0.001
M,P,O-Xylene		<0.05	mg/Kg	50	0.001
Total BTEX		<0.05	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		5.92	mg/Kg	1	0.10	118	72 - 128
4-BFB		5.78	mg/Kg	1	0.10	115	72 - 128

Sample: 151833 - SB-14 8'-TD

Analysis: TPH DRO Analytical Method: Mod. 8015B QC Batch: QC04488 Date Analyzed: 8/25/00
Analyst: BP Preparation Method: 3550 B Prep Batch: PB03908 Date Prepared: 8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151833 - SB-14 8'-TD

Analysis: TPH GRO Analytical Method: 8015B QC Batch: QC04522 Date Analyzed: 8/28/00
Analyst: RC Preparation Method: Prep Batch: PB03941 Date Prepared: 8/28/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151834 - SB-16 0-1'

Analysis: 8260 Analytical Method: S 8260B QC Batch: QC04476 Date Analyzed: 8/27/00
Analyst: JG Preparation Method: E 5030B Prep Batch: PB03900 Date Prepared: 8/27/00

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<50	µg/Kg	25	2
Dichlorodifluoromethane		<50	µg/Kg	25	2
Chloromethane (methyl chloride)		<50	µg/Kg	25	2
Vinyl Chloride		<50	µg/Kg	25	2
Bromomethane (methyl bromide)		<125	µg/Kg	25	5
Chloroethane		<50	µg/Kg	25	2
Trichlorofluoromethane		<50	µg/Kg	25	2
Acetone		<250	µg/Kg	25	10
Iodomethane (methyl iodide)		<50	µg/Kg	25	2
Carbon Disulfide		<50	µg/Kg	25	2
Acrylonitrile		<50	µg/Kg	25	2
2-Butanone (MEK)		<50	µg/Kg	25	2
4-methyl-2-pentanone (MIBK)		<250	µg/Kg	25	10
2-hexanone		<50	µg/Kg	25	2
trans 1,4-Dichloro-2-butene		<250	µg/Kg	25	10
1,1-Dichloroethene		<50	µg/Kg	25	2

Continued ...

... *Continued* Sample: 151834 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
Methylene chloride		<125	µg/Kg	25	5
MTBE		<50	µg/Kg	25	2
trans-1,2-Dichloroethene		<50	µg/Kg	25	2
1,1-Dichloroethane		<50	µg/Kg	25	2
cis-1,2-dichloroethene		<50	µg/Kg	25	2
2,2-Dichloropropane		<50	µg/Kg	25	2
1,2-Dichloroethane (EDC)		<50	µg/Kg	25	2
Chloroform		<50	µg/Kg	25	2
1,1,1-Trichloroethane		<50	µg/Kg	25	2
1,1-Dichloropropene		<50	µg/Kg	25	2
Benzene		<50	µg/Kg	25	2
Carbon Tetrachloride		<50	µg/Kg	25	2
1,2-Dichloropropane		<50	µg/Kg	25	2
Trichloroethene (TCE)		<50	µg/Kg	25	2
Dibromomethane (methylene bromide)		<50	µg/Kg	25	2
Bromodichloromethane		<50	µg/Kg	25	2
2-Chloroethyl vinyl ether		<250	µg/Kg	25	10
cis-1,3-Dichloropropene		<50	µg/Kg	25	2
trans-1,3-Dichloropropene		<50	µg/Kg	25	2
Toluene		<50	µg/Kg	25	2
1,1,2-Trichloroethane		<50	µg/Kg	25	2
1,3-Dichloropropane		<50	µg/Kg	25	2
Dibromochloromethane		<50	µg/Kg	25	2
1,2-Dibromoethane (EDB)		<50	µg/Kg	25	2
Tetrachloroethene (PCE)		<50	µg/Kg	25	2
Chlorobenzene		<50	µg/Kg	25	2
1,1,1,2-Tetrachloroethane		<50	µg/Kg	25	2
Ethylbenzene		<50	µg/Kg	25	2
m,p-Xylene		<50	µg/Kg	25	2
Bromoform		<50	µg/Kg	25	2
Styrene		<50	µg/Kg	25	2
o-Xylene		<50	µg/Kg	25	2
1,1,2,2-Tetrachloroethane		<50	µg/Kg	25	2
2-Chlorotoluene		<50	µg/Kg	25	2
1,2,3-Trichloropropane		<50	µg/Kg	25	2
Isopropylbenzene		<50	µg/Kg	25	2
Bromobenzene		<50	µg/Kg	25	2
n-Propylbenzene		<50	µg/Kg	25	2
1,3,5-Trimethylbenzene		<50	µg/Kg	25	2
tert-Butylbenzene		<50	µg/Kg	25	2
1,2,4-Trimethylbenzene		<50	µg/Kg	25	2
1,4-Dichlorobenzene (para)		<50	µg/Kg	25	2
sec-Butylbenzene		<50	µg/Kg	25	2
1,3-Dichlorobenzene		<50	µg/Kg	25	2
p-Isopropyltoluene		<50	µg/Kg	25	2
4-Chlorotoluene		<50	µg/Kg	25	2
1,2-Dichlorobenzene (ortho)		<50	µg/Kg	25	2
n-Butylbenzene		<50	µg/Kg	25	2
1,2-Dibromo-3-chloropropane		<125	µg/Kg	25	5
1,2,3-Trichlorobenzene		<125	µg/Kg	25	5
1,2,4-Trichlorobenzene		<125	µg/Kg	25	5

Continued ...

... Continued Sample: 151834 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<50	µg/Kg	25	2
Hexachlorobutadiene		<125	µg/Kg	25	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		46.63	µg/Kg	1	50	93	69 - 116
Toluene-d8		49.02	µg/Kg	1	50	98	88 - 114
4-Bromofluorobenzene		51.47	µg/Kg	1	50	102	74 - 110

Sample: 151834 - SB-16 0-1'

Analysis:	8270	Analytical Method:	S 8270C	QC Batch:	QC04421	Date Analyzed:	8/22/00
Analyst:	MA	Preparation Method:	E 3510C	Prep Batch:	PB03854	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<1.25	mg/Kg	1	0.25
n-Nitrosodimethylamine		<1.25	mg/Kg	1	0.25
2-Picoline		<1.25	mg/Kg	1	0.25
Methyl methanesulfonate		<1.25	mg/Kg	1	0.25
Ethyl methanesulfonate		<1.25	mg/Kg	1	0.25
Phenol		<1.25	mg/Kg	1	0.25
Aniline		<1.25	mg/Kg	1	0.25
bis (2-chloroethyl) ether		<1.25	mg/Kg	1	0.25
2-Chlorophenol		<1.25	mg/Kg	1	0.25
1,3-Dichlorobenzene		<1.25	mg/Kg	1	0.25
1,4-Dichlorobenzene		<1.25	mg/Kg	1	0.25
Benzyl alcohol		<1.25	mg/Kg	1	0.25
1,2-Dichlorobenzene		<1.25	mg/Kg	1	0.25
2-Methylphenol		<1.25	mg/Kg	1	0.25
bis (2-chloroisopropyl) ether		<1.25	mg/Kg	1	0.25
4-Methylphenol/3-Methylphenol		<1.25	mg/Kg	1	0.25
Acetophenone		<1.25	mg/Kg	1	0.25
n-Nitrosodi-n-propylamine		<1.25	mg/Kg	1	0.25
Hexachloroethane		<0.25	mg/Kg	1	0.25
Nitrobenzene		<0.25	mg/Kg	1	0.25
n-Nitrosopiperidine		<1.25	mg/Kg	1	0.25
Isophorone		<1.25	mg/Kg	1	0.25
2-Nitrophenol		<1.25	mg/Kg	1	0.25
2,4-Dimethylphenol		<1.25	mg/Kg	1	0.25
bis (2-chloroethoxy) methane		<1.25	mg/Kg	1	0.25
Benzoic acid		<1.25	mg/Kg	1	0.25
2,4-Dichlorophenol		<1.25	mg/Kg	1	0.25
1,2,4-Trichlorobenzene		<1.25	mg/Kg	1	0.25
a,a-Dimethylphenethylamine		<1.25	mg/Kg	1	0.25
Naphthalene		<1.25	mg/Kg	1	0.25
4-Chloroaniline		<1.25	mg/Kg	1	0.25
2,6-Dichlorophenol		<1.25	mg/Kg	1	0.25
Hexachlorobutadiene		<1.25	mg/Kg	1	0.25
n-Nitroso-di-n-butylamine		<1.25	mg/Kg	1	0.25

Continued ...

... *Continued* Sample: 151834 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
4-Chloro-3-methylphenol		<1.25	mg/Kg	1	0.25
1-Methylnaphthalene		1.81	mg/Kg	1	0.25
2-Methylnaphthalene		<1.25	mg/Kg	1	0.25
1,2,4,5-Tetrachlorobenzene		<1.25	mg/Kg	1	0.25
Hexachlorocyclopentadiene		<1.25	mg/Kg	1	0.25
2,4,6-Trichlorophenol		<1.25	mg/Kg	1	0.25
2,4,5-Trichlorophenol		<1.25	mg/Kg	1	0.25
2-Chloronaphthalene		<1.25	mg/Kg	1	0.25
1-Chloronaphthalene		<1.25	mg/Kg	1	0.25
2-Nitroaniline		<1.25	mg/Kg	1	0.25
Dimethylphthalate		<1.25	mg/Kg	1	0.25
Acenaphthylene		<1.25	mg/Kg	1	0.25
2,6-Dinitrotoluene		<1.25	mg/Kg	1	0.25
3-Nitroaniline		<1.25	mg/Kg	1	0.25
Acenaphthene		<1.25	mg/Kg	1	0.25
2,4-Dinitrophenol		<1.25	mg/Kg	1	0.25
Dibenzofuran		<1.25	mg/Kg	1	0.25
Pentachlorobenzene		<1.25	mg/Kg	1	0.25
4-Nitrophenol		<1.25	mg/Kg	1	0.25
1-Napthylamine		<1.25	mg/Kg	1	0.25
2,4-Dinitrotoluene		<1.25	mg/Kg	1	0.25
2-Napthylamine		<1.25	mg/Kg	1	0.25
2,3,4,6-Tetrachlorophenol		<1.25	mg/Kg	1	0.25
Fluorene		2.01	mg/Kg	1	0.25
Diethylphthalate		<1.25	mg/Kg	1	0.25
4-Chlorophenyl-phenylether		<1.25	mg/Kg	1	0.25
4-Nitroaniline		<1.25	mg/Kg	1	0.25
4,6-Dinitro-2-methylphenol		<1.25	mg/Kg	1	0.25
Diphenylamine		<1.25	mg/Kg	1	0.25
Diphenylhydrazine		<1.25	mg/Kg	1	0.25
4-Bromophenyl-phenylether		<1.25	mg/Kg	1	0.25
Phenacetin		<1.25	mg/Kg	1	0.25
Hexachlorobenzene		<1.25	mg/Kg	1	0.25
4-Aminobiphenyl		<1.25	mg/Kg	1	0.25
Pentachlorophenol		<1.25	mg/Kg	1	0.25
Pentachloronitrobenzene		<1.25	mg/Kg	1	0.25
Pronamide		<1.25	mg/Kg	1	0.25
Phenanthrene		14.28	mg/Kg	1	0.25
Anthracene		<1.25	mg/Kg	1	0.25
Di-n-butylphthalate		<1.25	mg/Kg	1	0.25
Fluoranthene		<1.25	mg/Kg	1	0.25
Benzidine		<1.25	mg/Kg	1	0.25
Pyrene		<1.25	mg/Kg	1	0.25
p-Dimethylaminoazobenzene		<1.25	mg/Kg	1	0.25
Butylbenzylphthalate		<1.25	mg/Kg	1	0.25
Benzo(a)anthracene		<1.25	mg/Kg	1	0.25
3,3-Dichlorobenzidine		<1.25	mg/Kg	1	0.25
Chrysene		<1.25	mg/Kg	1	0.25
Bis (2-ethylhexyl) phthalate		<1.25	mg/Kg	1	0.25
Di-n-octylphthalate		<1.25	mg/Kg	1	0.25
Benzo(b)fluoranthene		<1.25	mg/Kg	1	0.25

Continued ...

... Continued Sample: 151834 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
7,12-Dimethylbenz(a)anthracene		3.85	mg/Kg	1	0.25
Benzo(k)fluoranthene		<1.25	mg/Kg	1	0.25
Benzo(a)pyrene		<1.25	mg/Kg	1	0.25
3-Methylcholanthrene		<1.25	mg/Kg	1	0.25
Dibenzo(a,j)acridine		<1.25	mg/Kg	1	0.25
Indeno(1,2,3-cd)pyrene		<1.25	mg/Kg	1	0.25
Dibenzo(a,h)anthracene		<1.25	mg/Kg	1	0.25
Benzo(g,h,i)perylene		<1.25	mg/Kg	1	0.25
Test Comments	[1]	NOTE	mg/Kg	1	

Sample: 151834 - SB-16 0-1'

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC04492	Date Analyzed:	8/23/00
Analyst:	MS	Preparation Method:	N/A	Prep Batch:	PB03910	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 151834 - SB-16 0-1'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04488	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03908	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		757	mg/Kg	1	50

Sample: 151834 - SB-16 0-1'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04522	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03941	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151834 - SB-16 0-1'

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC04489	Date Analyzed:	8/23/00
Analyst:	RR	Preparation Method:	E 3050B	Prep Batch:	PB03829	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<5.0	mg/Kg	1	5
Total Barium		154	mg/Kg	1	5
Total Cadmium		<2.0	mg/Kg	1	2
Total Chromium		7.4	mg/Kg	1	5
Total Lead		6.8	mg/Kg	1	5
Total Selenium		<5.0	mg/Kg	1	5
Total Silver		<2.0	mg/Kg	1	2

[1] Elevated reporting limit due to analyte concentration.

Sample: 151835 - SB-16 10'

Analysis:	8260	Analytical Method:	S 8260B	QC Batch:	QC04476	Date Analyzed:	8/27/00
Analyst:	JG	Preparation Method:	E 5030B	Prep Batch:	PB03900	Date Prepared:	8/27/00

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<50	µg/Kg	25	2
Dichlorodifluoromethane		<50	µg/Kg	25	2
Chloromethane (methyl chloride)		<50	µg/Kg	25	2
Vinyl Chloride		<50	µg/Kg	25	2
Bromomethane (methyl bromide)		<125	µg/Kg	25	5
Chloroethane		<50	µg/Kg	25	2
Trichlorofluoromethane		<50	µg/Kg	25	2
Acetone		<250	µg/Kg	25	10
Iodomethane (methyl iodide)		<50	µg/Kg	25	2
Carbon Disulfide		<50	µg/Kg	25	2
Acrylonitrile		<50	µg/Kg	25	2
2-Butanone (MEK)		<50	µg/Kg	25	2
4-methyl-2-pentanone (MIBK)		<250	µg/Kg	25	10
2-hexanone		<50	µg/Kg	25	2
trans 1,4-Dichloro-2-butene		<250	µg/Kg	25	10
1,1-Dichloroethene		<50	µg/Kg	25	2
Methylene chloride		<125	µg/Kg	25	5
MTBE		<50	µg/Kg	25	2
trans-1,2-Dichloroethene		<50	µg/Kg	25	2
1,1-Dichloroethane		<50	µg/Kg	25	2
cis-1,2-dichloroethene		<50	µg/Kg	25	2
2,2-Dichloropropane		<50	µg/Kg	25	2
1,2-Dichloroethane (EDC)		<50	µg/Kg	25	2
Chloroform		<50	µg/Kg	25	2
1,1,1-Trichloroethane		<50	µg/Kg	25	2
1,1-Dichloropropene		<50	µg/Kg	25	2
Benzene		<50	µg/Kg	25	2
Carbon Tetrachloride		<50	µg/Kg	25	2
1,2-Dichloropropane		<50	µg/Kg	25	2
Trichloroethene (TCE)		<50	µg/Kg	25	2
Dibromomethane (methylene bromide)		<50	µg/Kg	25	2
Bromodichloromethane		<50	µg/Kg	25	2
2-Chloroethyl vinyl ether		<250	µg/Kg	25	10
cis-1,3-Dichloropropene		<50	µg/Kg	25	2
trans-1,3-Dichloropropene		<50	µg/Kg	25	2
Toluene		<50	µg/Kg	25	2
1,1,2-Trichloroethane		<50	µg/Kg	25	2
1,3-Dichloropropane		<50	µg/Kg	25	2
Dibromochloromethane		<50	µg/Kg	25	2
1,2-Dibromoethane (EDB)		<50	µg/Kg	25	2
Tetrachloroethene (PCE)		<50	µg/Kg	25	2
Chlorobenzene		<50	µg/Kg	25	2
1,1,1,2-Tetrachloroethane		<50	µg/Kg	25	2
Ethylbenzene		<50	µg/Kg	25	2
m,p-Xylene		<50	µg/Kg	25	2
Bromoform		<50	µg/Kg	25	2
Styrene		<50	µg/Kg	25	2
o-Xylene		<50	µg/Kg	25	2

Continued ...

... *Continued* Sample: 151835 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
1,1,2,2-Tetrachloroethane		<50	µg/Kg	25	2
2-Chlorotoluene		<50	µg/Kg	25	2
1,2,3-Trichloropropane		<50	µg/Kg	25	2
Isopropylbenzene		<50	µg/Kg	25	2
Bromobenzene		<50	µg/Kg	25	2
n-Propylbenzene		<50	µg/Kg	25	2
1,3,5-Trimethylbenzene		<50	µg/Kg	25	2
tert-Butylbenzene		<50	µg/Kg	25	2
1,2,4-Trimethylbenzene		<50	µg/Kg	25	2
1,4-Dichlorobenzene (para)		<50	µg/Kg	25	2
sec-Butylbenzene		<50	µg/Kg	25	2
1,3-Dichlorobenzene		<50	µg/Kg	25	2
p-Isopropyltoluene		<50	µg/Kg	25	2
4-Chlorotoluene		<50	µg/Kg	25	2
1,2-Dichlorobenzene (ortho)		<50	µg/Kg	25	2
n-Butylbenzene		<50	µg/Kg	25	2
1,2-Dibromo-3-chloropropane		<125	µg/Kg	25	5
1,2,3-Trichlorobenzene		<125	µg/Kg	25	5
1,2,4-Trichlorobenzene		<125	µg/Kg	25	5
Naphthalene		<50	µg/Kg	25	2
Hexachlorobutadiene		<125	µg/Kg	25	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		46.33	µg/Kg	1	50	92	69 - 116
Toluene-d8		49.18	µg/Kg	1	50	98	88 - 114
4-Bromofluorobenzene		53.10	µg/Kg	1	50	106	74 - 110

Sample: 151835 - SB-16 10'

Analysis:	8270	Analytical Method:	S 8270C	QC Batch:	QC04421	Date Analyzed:	8/22/00
Analyst:	MA	Preparation Method:	E 3510C	Prep Batch:	PB03854	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.25	mg/Kg	1	0.25
n-Nitrosodimethylamine		<0.25	mg/Kg	1	0.25
2-Picoline		<0.25	mg/Kg	1	0.25
Methyl methanesulfonate		<0.25	mg/Kg	1	0.25
Ethyl methanesulfonate		<0.25	mg/Kg	1	0.25
Phenol		<0.25	mg/Kg	1	0.25
Aniline		<0.25	mg/Kg	1	0.25
bis (2-chloroethyl) ether		<0.25	mg/Kg	1	0.25
2-Chlorophenol		<0.25	mg/Kg	1	0.25
1,3-Dichlorobenzene		<0.25	mg/Kg	1	0.25
1,4-Dichlorobenzene		<0.25	mg/Kg	1	0.25
Benzyl alcohol		<0.25	mg/Kg	1	0.25
1,2-Dichlorobenzene		<0.25	mg/Kg	1	0.25
2-Methylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroisopropyl) ether		<0.25	mg/Kg	1	0.25

Continued ...

... Continued Sample: 151835 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
4-Methylphenol/3-Methylphenol		<0.25	mg/Kg	1	0.25
Acetophenone		<0.25	mg/Kg	1	0.25
n-Nitrosodi-n-propylamine		<0.25	mg/Kg	1	0.25
Hexachloroethane		<0.25	mg/Kg	1	0.25
Nitrobenzene		<0.25	mg/Kg	1	0.25
n-Nitrosopiperidine		<0.25	mg/Kg	1	0.25
Isophorone		<0.25	mg/Kg	1	0.25
2-Nitrophenol		<0.25	mg/Kg	1	0.25
2,4-Dimethylphenol		<0.25	mg/Kg	1	0.25
bis (2-chloroethoxy) methane		<0.25	mg/Kg	1	0.25
Benzoic acid		<0.25	mg/Kg	1	0.25
2,4-Dichlorophenol		<0.25	mg/Kg	1	0.25
1,2,4-Trichlorobenzene		<0.25	mg/Kg	1	0.25
a,a-Dimethylphenethylamine		<0.25	mg/Kg	1	0.25
Naphthalene		<0.25	mg/Kg	1	0.25
4-Chloroaniline		<0.25	mg/Kg	1	0.25
2,6-Dichlorophenol		<0.25	mg/Kg	1	0.25
Hexachlorobutadiene		<0.25	mg/Kg	1	0.25
n-Nitroso-di-n-butylamine		<0.25	mg/Kg	1	0.25
4-Chloro-3-methylphenol		<0.25	mg/Kg	1	0.25
1-Methylnaphthalene		<0.25	mg/Kg	1	0.25
2-Methylnaphthalene		<0.25	mg/Kg	1	0.25
1,2,4,5-Tetrachlorobenzene		<0.25	mg/Kg	1	0.25
Hexachlorocyclopentadiene		<0.25	mg/Kg	1	0.25
2,4,6-Trichlorophenol		<0.25	mg/Kg	1	0.25
2,4,5-Trichlorophenol		<0.25	mg/Kg	1	0.25
2-Chloronaphthalene		<0.25	mg/Kg	1	0.25
1-Chloronaphthalene		<0.25	mg/Kg	1	0.25
2-Nitroaniline		<0.25	mg/Kg	1	0.25
Dimethylphthalate		<0.25	mg/Kg	1	0.25
Acenaphthylene		<0.25	mg/Kg	1	0.25
2,6-Dinitrotoluene		<0.25	mg/Kg	1	0.25
3-Nitroaniline		<0.25	mg/Kg	1	0.25
Acenaphthene		<0.25	mg/Kg	1	0.25
2,4-Dinitrophenol		<0.25	mg/Kg	1	0.25
Dibenzofuran		<0.25	mg/Kg	1	0.25
Pentachlorobenzene		<0.25	mg/Kg	1	0.25
4-Nitrophenol		<0.25	mg/Kg	1	0.25
1-Napthylamine		<0.25	mg/Kg	1	0.25
2,4-Dinitrotoluene		<0.25	mg/Kg	1	0.25
2-Napthylamine		<0.25	mg/Kg	1	0.25
2,3,4,6-Tetrachlorophenol		<0.25	mg/Kg	1	0.25
Fluorene		<0.25	mg/Kg	1	0.25
Diethylphthalate		<0.25	mg/Kg	1	0.25
4-Chlorophenyl-phenylether		<0.25	mg/Kg	1	0.25
4-Nitroaniline		<0.25	mg/Kg	1	0.25
4,6-Dinitro-2-methylphenol		<0.25	mg/Kg	1	0.25
Diphenylamine		<0.25	mg/Kg	1	0.25
Diphenylhydrazine		<0.25	mg/Kg	1	0.25
4-Bromophenyl-phenylether		<0.25	mg/Kg	1	0.25
Phenacetin		<0.25	mg/Kg	1	0.25

Continued ...

... *Continued* Sample: 151835 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
Hexachlorobenzene		<0.25	mg/Kg	1	0.25
4-Aminobiphenyl		<0.25	mg/Kg	1	0.25
Pentachlorophenol		<0.25	mg/Kg	1	0.25
Pentachloronitrobenzene		<0.25	mg/Kg	1	0.25
Pronamide		<0.25	mg/Kg	1	0.25
Phenanthrene		<0.25	mg/Kg	1	0.25
Anthracene		<0.25	mg/Kg	1	0.25
Di-n-butylphthalate		<0.25	mg/Kg	1	0.25
Fluoranthene		<0.25	mg/Kg	1	0.25
Benzidine		<0.25	mg/Kg	1	0.25
Pyrene		<0.25	mg/Kg	1	0.25
p-Dimethylaminoazobenzene		<0.25	mg/Kg	1	0.25
Butylbenzylphthalate		<0.25	mg/Kg	1	0.25
Benzo(a)anthracene		<0.25	mg/Kg	1	0.25
3,3-Dichlorobenzidine		<0.25	mg/Kg	1	0.25
Chrysene		<0.25	mg/Kg	1	0.25
Bis (2-ethylhexyl) phthalate		<0.25	mg/Kg	1	0.25
Di-n-octylphthalate		<0.25	mg/Kg	1	0.25
Benzo(b)fluoranthene		<0.25	mg/Kg	1	0.25
7,12-Dimethylbenz(a)anthracene		<0.25	mg/Kg	1	0.25
Benzo(k)fluoranthene		<0.25	mg/Kg	1	0.25
Benzo(a)pyrene		<0.25	mg/Kg	1	0.25
3-Methylcholanthrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,j)acridine		<0.25	mg/Kg	1	0.25
Indeno(1,2,3-cd)pyrene		<0.25	mg/Kg	1	0.25
Dibenzo(a,h)anthracene		<0.25	mg/Kg	1	0.25
Benzo(g,h,i)perylene		<0.25	mg/Kg	1	0.25

Sample: 151835 - SB-16 10'

Analysis:	Hg, Total	Analytical Method:	S 7471A	QC Batch:	QC04492	Date Analyzed:	8/23/00
Analyst:	MS	Preparation Method:	N/A	Prep Batch:	PB03910	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.19	mg/Kg	1	0.19

Sample: 151835 - SB-16 10'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC04488	Date Analyzed:	8/25/00
Analyst:	BP	Preparation Method:	3550 B	Prep Batch:	PB03908	Date Prepared:	8/21/00

Param	Flag	Result	Units	Dilution	RDL
DRO		<50	mg/Kg	1	50

Sample: 151835 - SB-16 10'

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC04522	Date Analyzed:	8/28/00
Analyst:	RC	Preparation Method:		Prep Batch:	PB03941	Date Prepared:	8/28/00

Param	Flag	Result	Units	Dilution	RDL
GRO		<5	mg/Kg	1	0.10

Sample: 151835 - SB-16 10'

Analysis:	Total Metals	Analytical Method:	S 6010B	QC Batch:	QC04489	Date Analyzed:	8/23/00
Analyst:	RR	Preparation Method:	E 3050B	Prep Batch:	PB03829	Date Prepared:	8/23/00

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<5.0	mg/Kg	1	5
Total Barium		148	mg/Kg	1	5
Total Cadmium		<2.0	mg/Kg	1	2
Total Chromium		<5.0	mg/Kg	1	5
Total Lead		<5.0	mg/Kg	1	5
Total Selenium		<5.0	mg/Kg	1	5
Total Silver		<2.0	mg/Kg	1	2

Quality Control Report
Method Blank

Sample: Method Blank QCBatch: QC04421

Param	Flag	Results	Units	Reporting Limit
Pyridine		<0.25	mg/Kg	0.25
n-Nitrosodimethylamine		<0.25	mg/Kg	0.25
2-Picoline		<0.25	mg/Kg	0.25
Methyl methanesulfonate		<0.25	mg/Kg	0.25
Ethyl methanesulfonate		<0.25	mg/Kg	0.25
Phenol		<0.25	mg/Kg	0.25
Aniline		<0.25	mg/Kg	0.25
bis (2-chloroethyl) ether		<0.25	mg/Kg	0.25
2-Chlorophenol		<0.25	mg/Kg	0.25
1,3-Dichlorobenzene		<0.25	mg/Kg	0.25
1,4-Dichlorobenzene		<0.25	mg/Kg	0.25
Benzyl alcohol		<0.25	mg/Kg	0.25
1,2-Dichlorobenzene		<0.25	mg/Kg	0.25
2-Methylphenol		<0.25	mg/Kg	0.25
bis (2-chloroisopropyl) ether		<0.25	mg/Kg	0.25
4-Methylphenol/3-Methylphenol		<0.25	mg/Kg	0.25
Acetophenone		<0.25	mg/Kg	0.25
n-Nitrosodi-n-propylamine		<0.25	mg/Kg	0.25
Hexachloroethane		<0.25	mg/Kg	0.25
Nitrobenzene		<0.25	mg/Kg	0.25
n-Nitrosopiperidine		<0.25	mg/Kg	0.25
Isophorone		<0.25	mg/Kg	0.25
2-Nitrophenol		<0.25	mg/Kg	0.25
2,4-Dimethylphenol		<0.25	mg/Kg	0.25

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Param	Flag	Results	Units	Reporting Limit
bis (2-chloroethoxy) methane		<0.25	mg/Kg	0.25
Benzoic acid		<0.25	mg/Kg	0.25
2,4-Dichlorophenol		<0.25	mg/Kg	0.25
1,2,4-Trichlorobenzene		<0.25	mg/Kg	0.25
a,a-Dimethylphenethylamine		<0.25	mg/Kg	0.25
Naphthalene		<0.25	mg/Kg	0.25
4-Chloroaniline		<0.25	mg/Kg	0.25
2,6-Dichlorophenol		<0.25	mg/Kg	0.25
Hexachlorobutadiene		<0.25	mg/Kg	0.25
n-Nitroso-di-n-butylamine		<0.25	mg/Kg	0.25
4-Chloro-3-methylphenol		<0.25	mg/Kg	0.25
1-Methylnaphthalene		<0.25	mg/Kg	0.25
2-Methylnaphthalene		<0.25	mg/Kg	0.25
1,2,4,5-Tetrachlorobenzene		<0.25	mg/Kg	0.25
Hexachlorocyclopentadiene		<0.25	mg/Kg	0.25
2,4,6-Trichlorophenol		<0.25	mg/Kg	0.25
2,4,5-Trichlorophenol		<0.25	mg/Kg	0.25
2-Chloronaphthalene		<0.25	mg/Kg	0.25
1-Chloronaphthalene		<0.25	mg/Kg	0.25
2-Nitroaniline		<0.25	mg/Kg	0.25
Dimethylphthalate		<0.25	mg/Kg	0.25
Acenaphthylene		<0.25	mg/Kg	0.25
2,6-Dinitrotoluene		<0.25	mg/Kg	0.25
3-Nitroaniline		<0.25	mg/Kg	0.25
Acenaphthene		<0.25	mg/Kg	0.25
2,4-Dinitrophenol		<0.25	mg/Kg	0.25
Dibenzofuran		<0.25	mg/Kg	0.25
Pentachlorobenzene		<0.25	mg/Kg	0.25
4-Nitrophenol		<0.25	mg/Kg	0.25
1-Napthylamine		<0.25	mg/Kg	0.25
2,4-Dinitrotoluene		<0.25	mg/Kg	0.25
2-Napthylamine		<0.25	mg/Kg	0.25
2,3,4,6-Tetrachlorophenol		<0.25	mg/Kg	0.25
Fluorene		<0.25	mg/Kg	0.25
Diethylphthalate		<0.25	mg/Kg	0.25
4-Chlorophenyl-phenylether		<0.25	mg/Kg	0.25
4-Nitroaniline		<0.25	mg/Kg	0.25
4,6-Dinitro-2-methylphenol		<0.25	mg/Kg	0.25
Diphenylamine		<0.25	mg/Kg	0.25
Diphenylhydrazine		<0.25	mg/Kg	0.25
4-Bromophenyl-phenylether		<0.25	mg/Kg	0.25
Phenacetin		<0.25	mg/Kg	0.25
Hexachlorobenzene		<0.25	mg/Kg	0.25
4-Aminobiphenyl		<0.25	mg/Kg	0.25
Pentachlorophenol		<0.25	mg/Kg	0.25
Pentachloronitrobenzene		<0.25	mg/Kg	0.25
Pronamide		<0.25	mg/Kg	0.25
Phenanthrene		<0.25	mg/Kg	0.25
Anthracene		<0.25	mg/Kg	0.25
Di-n-butylphthalate		<0.25	mg/Kg	0.25

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Param	Flag	Results	Units	Reporting Limit
Fluoranthene		<0.25	mg/Kg	0.25
Benzidine		<0.25	mg/Kg	0.25
Pyrene		<0.25	mg/Kg	0.25
p-Dimethylaminoazobenzene		<0.25	mg/Kg	0.25
Butylbenzylphthalate		<0.25	mg/Kg	0.25
Benzo(a)anthracene		<0.25	mg/Kg	0.25
3,3-Dichlorobenzidine		<0.25	mg/Kg	0.25
Chrysene		<0.25	mg/Kg	0.25
Bis (2-ethylhexyl) phthalate		<0.25	mg/Kg	0.25
Di-n-octylphthalate		<0.25	mg/Kg	0.25
Benzo(b)fluoranthene		<0.25	mg/Kg	0.25
7,12-Dimethylbenz(a)anthracene		<0.25	mg/Kg	0.25
Benzo(k)fluoranthene		<0.25	mg/Kg	0.25
Benzo(a)pyrene		<0.25	mg/Kg	0.25
3-Methylcholanthrene		<0.25	mg/Kg	0.25
Dibenzo(a,j)acridine		<0.25	mg/Kg	0.25
Indeno(1,2,3-cd)pyrene		<0.25	mg/Kg	0.25
Dibenzo(a,h)anthracene		<0.25	mg/Kg	0.25
Benzo(g,h,i)perylene		<0.25	mg/Kg	0.25

Sample: Method Blank

QCBatch: QC04451

Param	Flag	Results	Units	Reporting Limit
Total Mercury		<0.19	mg/Kg	0.19

Sample: Method Blank

QCBatch: QC04471

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.05	mg/Kg	0.001
Toluene		<0.05	mg/Kg	0.001
Ethylbenzene		<0.05	mg/Kg	0.001
M,P,O-Xylene		<0.05	mg/Kg	0.001
Total BTEX		<0.05	mg/Kg	0.001

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
TFT		4.52	mg/Kg	0.10	90	72 - 128
4-BFB		4.63	mg/Kg	0.10	92	72 - 128

Sample: Method Blank

QCBatch: QC04476

Param	Flag	Results	Units	Reporting Limit
Bromochloromethane		<50	µg/Kg	2
Dichlorodifluoromethane		<50	µg/Kg	2
Chloromethane (methyl chloride)		<50	µg/Kg	2
Vinyl Chloride		<50	µg/Kg	2
Bromomethane (methyl bromide)		<125	µg/Kg	5
Chloroethane		<50	µg/Kg	2
Trichlorofluoromethane		<50	µg/Kg	2
Acetone		<250	µg/Kg	10
Iodomethane (methyl iodide)		<50	µg/Kg	2
Carbon Disulfide		<50	µg/Kg	2
Acrylonitrile		<50	µg/Kg	2
2-Butanone (MEK)		<50	µg/Kg	2
4-methyl-2-pentanone (MIBK)		<250	µg/Kg	10
2-hexanone		<50	µg/Kg	2
trans 1,4-Dichloro-2-butene		<250	µg/Kg	10
1,1-Dichloroethene		<50	µg/Kg	2
Methylene chloride		<125	µg/Kg	5
MTBE		<50	µg/Kg	2
trans-1,2-Dichloroethene		<50	µg/Kg	2
1,1-Dichloroethane		<50	µg/Kg	2
cis-1,2-dichloroethene		<50	µg/Kg	2
2,2-Dichloropropane		<50	µg/Kg	2
1,2-Dichloroethane (EDC)		<50	µg/Kg	2
Chloroform		<50	µg/Kg	2
1,1,1-Trichloroethane		<50	µg/Kg	2
1,1-Dichloropropene		<50	µg/Kg	2
Benzene		<50	µg/Kg	2
Carbon Tetrachloride		<50	µg/Kg	2
1,2-Dichloropropane		<50	µg/Kg	2
Trichloroethene (TCE)		<50	µg/Kg	2
Dibromomethane (methylene bromide)		<50	µg/Kg	2
Bromodichloromethane		<50	µg/Kg	2
2-Chloroethyl vinyl ether		<250	µg/Kg	10
cis-1,3-Dichloropropene		<50	µg/Kg	2
trans-1,3-Dichloropropene		<50	µg/Kg	2
Toluene		<50	µg/Kg	2
1,1,2-Trichloroethane		<50	µg/Kg	2
1,3-Dichloropropane		<50	µg/Kg	2
Dibromochloromethane		<50	µg/Kg	2
1,2-Dibromoethane (EDB)		<50	µg/Kg	2
Tetrachloroethene (PCE)		<50	µg/Kg	2
Chlorobenzene		<50	µg/Kg	2
1,1,1,2-Tetrachloroethane		<50	µg/Kg	2
Ethylbenzene		<50	µg/Kg	2
m,p-Xylene		<50	µg/Kg	2
Bromoform		<50	µg/Kg	2
Styrene		<50	µg/Kg	2
o-Xylene		<50	µg/Kg	2
1,1,2,2-Tetrachloroethane		<50	µg/Kg	2
2-Chlorotoluene		<50	µg/Kg	2
1,2,3-Trichloropropane		<50	µg/Kg	2

Continued ...

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Param	Flag	Results	Units	Reporting Limit
Isopropylbenzene		<50	µg/Kg	2
Bromobenzene		<50	µg/Kg	2
n-Propylbenzene		<50	µg/Kg	2
1,3,5-Trimethylbenzene		<50	µg/Kg	2
tert-Butylbenzene		<50	µg/Kg	2
1,2,4-Trimethylbenzene		<50	µg/Kg	2
1,4-Dichlorobenzene (para)		<50	µg/Kg	2
sec-Butylbenzene		<50	µg/Kg	2
1,3-Dichlorobenzene		<50	µg/Kg	2
p-Isopropyltoluene		<50	µg/Kg	2
4-Chlorotoluene		<50	µg/Kg	2
1,2-Dichlorobenzene (ortho)		<50	µg/Kg	2
n-Butylbenzene		<50	µg/Kg	2
1,2-Dibromo-3-chloropropane		<125	µg/Kg	5
1,2,3-Trichlorobenzene		<125	µg/Kg	5
1,2,4-Trichlorobenzene		<125	µg/Kg	5
Naphthalene		<50	µg/Kg	2
Hexachlorobutadiene		<125	µg/Kg	5

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
Dibromofluoromethane		49.61	µg/Kg	50	99	69 - 116
Toluene-d8		51.72	µg/Kg	50	103	88 - 114
4-Bromofluorobenzene		45.44	µg/Kg	50	90	74 - 110

Sample: Method Blank QCBatch: QC04485

Param	Flag	Results	Units	Reporting Limit
DRO		<50	mg/Kg	50

Sample: Method Blank QCBatch: QC04486

Param	Flag	Results	Units	Reporting Limit
DRO		<50	mg/Kg	50

Sample: Method Blank QCBatch: QC04487

Param	Flag	Results	Units	Reporting Limit
DRO		<50	mg/Kg	50

Sample: Method Blank QCBatch: QC04488

Param	Flag	Results	Units	Reporting Limit
DRO		<50	mg/Kg	50

Sample: Method Blank QCBatch: QC04489

Param	Flag	Results	Units	Reporting Limit
Total Arsenic		<5.0	mg/Kg	5
Total Barium		<5.0	mg/Kg	5
Total Cadmium		<2.0	mg/Kg	2
Total Chromium		<5.0	mg/Kg	5
Total Lead		<5.0	mg/Kg	5
Total Selenium		<5.0	mg/Kg	5
Total Silver		<2.0	mg/Kg	2

Sample: Method Blank QCBatch: QC04492

Param	Flag	Results	Units	Reporting Limit
Total Mercury		<0.19	mg/Kg	0.19

Sample: Method Blank QCBatch: QC04519

Param	Flag	Results	Units	Reporting Limit
GRO		<5	mg/Kg	0.10

Sample: Method Blank QCBatch: QC04520

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.05	mg/Kg	0.001
Toluene		<0.05	mg/Kg	0.001
Ethylbenzene		<0.05	mg/Kg	0.001
M,P,O-Xylene		<0.05	mg/Kg	0.001
Total BTEX		<0.05	mg/Kg	0.001

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
TFT		4.66	mg/Kg	0.10	93	72 - 128
4-BFB		4.45	mg/Kg	0.10	89	72 - 128

Sample: Method Blank

QCBatch: QC04522

Param	Flag	Results	Units	Reporting Limit
GRO		<5	mg/Kg	0.10
GRO		<5	mg/Kg	0.10

Sample: Method Blank

QCBatch: QC04527

Param	Flag	Results	Units	Reporting Limit
Pyridine		<0.25	mg/Kg	0.25
n-Nitrosodimethylamine		<0.25	mg/Kg	0.25
2-Picoline		<0.25	mg/Kg	0.25
Methyl methanesulfonate		<0.25	mg/Kg	0.25
Ethyl methanesulfonate		<0.25	mg/Kg	0.25
Phenol		<0.25	mg/Kg	0.25
Aniline		<0.25	mg/Kg	0.25
bis (2-chloroethyl) ether		<0.25	mg/Kg	0.25
2-Chlorophenol		<0.25	mg/Kg	0.25
1,3-Dichlorobenzene		<0.25	mg/Kg	0.25
1,4-Dichlorobenzene		<0.25	mg/Kg	0.25
Benzyl alcohol		<0.25	mg/Kg	0.25
1,2-Dichlorobenzene		<0.25	mg/Kg	0.25
2-Methylphenol		<0.25	mg/Kg	0.25
bis (2-chloroisopropyl) ether		<0.25	mg/Kg	0.25
4-Methylphenol/3-Methylphenol		<0.25	mg/Kg	0.25
Acetophenone		<0.25	mg/Kg	0.25
n-Nitrosodi-n-propylamine		<0.25	mg/Kg	0.25
Hexachloroethane		<0.25	mg/Kg	0.25
Nitrobenzene		<0.25	mg/Kg	0.25
n-Nitrosopiperidine		<0.25	mg/Kg	0.25
Isophorone		<0.25	mg/Kg	0.25
2-Nitrophenol		<0.25	mg/Kg	0.25
2,4-Dimethylphenol		<0.25	mg/Kg	0.25
bis (2-chloroethoxy) methane		<0.25	mg/Kg	0.25
Benzoic acid		<0.25	mg/Kg	0.25
2,4-Dichlorophenol		<0.25	mg/Kg	0.25
1,2,4-Trichlorobenzene		<0.25	mg/Kg	0.25
a,a-Dimethylphenethylamine		<0.25	mg/Kg	0.25
Naphthalene		<0.25	mg/Kg	0.25
4-Chloroaniline		<0.25	mg/Kg	0.25
2,6-Dichlorophenol		<0.25	mg/Kg	0.25
Hexachlorobutadiene		<0.25	mg/Kg	0.25
n-Nitroso-di-n-butylamine		<0.25	mg/Kg	0.25
4-Chloro-3-methylphenol		<0.25	mg/Kg	0.25
1-Methylnaphthalene		<0.25	mg/Kg	0.25
2-Methylnaphthalene		<0.25	mg/Kg	0.25
1,2,4,5-Tetrachlorobenzene		<0.25	mg/Kg	0.25
Hexachlorocyclopentadiene		<0.25	mg/Kg	0.25
2,4,6-Trichlorophenol		<0.25	mg/Kg	0.25

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Param	Flag	Results	Units	Reporting Limit
2,4,5-Trichlorophenol		<0.25	mg/Kg	0.25
2-Chloronaphthalene		<0.25	mg/Kg	0.25
1-Chloronaphthalene		<0.25	mg/Kg	0.25
2-Nitroaniline		<0.25	mg/Kg	0.25
Dimethylphthalate		<0.25	mg/Kg	0.25
Acenaphthylene		<0.25	mg/Kg	0.25
2,6-Dinitrotoluene		<0.25	mg/Kg	0.25
3-Nitroaniline		<0.25	mg/Kg	0.25
Acenaphthene		<0.25	mg/Kg	0.25
2,4-Dinitrophenol		<0.25	mg/Kg	0.25
Dibenzofuran		<0.25	mg/Kg	0.25
Pentachlorobenzene		<0.25	mg/Kg	0.25
4-Nitrophenol		<0.25	mg/Kg	0.25
1-Napthylamine		<0.25	mg/Kg	0.25
2,4-Dinitrotoluene		<0.25	mg/Kg	0.25
2-Napthylamine		<0.25	mg/Kg	0.25
2,3,4,6-Tetrachlorophenol		<0.25	mg/Kg	0.25
Fluorene		<0.25	mg/Kg	0.25
Diethylphthalate		<0.25	mg/Kg	0.25
4-Chlorophenyl-phenylether		<0.25	mg/Kg	0.25
4-Nitroaniline		<0.25	mg/Kg	0.25
4,6-Dinitro-2-methylphenol		<0.25	mg/Kg	0.25
Diphenylamine		<0.25	mg/Kg	0.25
Diphenylhydrazine		<0.25	mg/Kg	0.25
4-Bromophenyl-phenylether		<0.25	mg/Kg	0.25
Phenacetin		<0.25	mg/Kg	0.25
Hexachlorobenzene		<0.25	mg/Kg	0.25
4-Aminobiphenyl		<0.25	mg/Kg	0.25
Pentachlorophenol		<0.25	mg/Kg	0.25
Pentachloronitrobenzene		<0.25	mg/Kg	0.25
Pronamide		<0.25	mg/Kg	0.25
Phenanthrene		<0.25	mg/Kg	0.25
Anthracene		<0.25	mg/Kg	0.25
Di-n-butylphthalate		<0.25	mg/Kg	0.25
Fluoranthene		<0.25	mg/Kg	0.25
Benzidine		<0.25	mg/Kg	0.25
Pyrene		<0.25	mg/Kg	0.25
p-Dimethylaminoazobenzene		<0.25	mg/Kg	0.25
Butylbenzylphthalate		<0.25	mg/Kg	0.25
Benzo(a)anthracene		<0.25	mg/Kg	0.25
3,3-Dichlorobenzidine		<0.25	mg/Kg	0.25
Chrysene		<0.25	mg/Kg	0.25
Bis (2-ethylhexyl) phthalate		<0.25	mg/Kg	0.25
Di-n-octylphthalate		<0.25	mg/Kg	0.25
Benzo(b)fluoranthene		<0.25	mg/Kg	0.25
7,12-Dimethylbenz(a)anthracene		<0.25	mg/Kg	0.25
Benzo(k)fluoranthene		<0.25	mg/Kg	0.25
Benzo(a)pyrene		<0.25	mg/Kg	0.25
3-Methylcholanthrene		<0.25	mg/Kg	0.25
Dibenzo(a,j)acridine		<0.25	mg/Kg	0.25

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Param	Flag	Results	Units	Reporting Limit
Indeno(1,2,3-cd)pyrene		<0.25	mg/Kg	0.25
Dibenzo(a,h)anthracene		<0.25	mg/Kg	0.25
Benzo(g,h,i)perylene		<0.25	mg/Kg	0.25

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
2-Fluorophenol		47.52	mg/Kg	80	59	22 - 103
Phenol-d5		55.74	mg/Kg	80	69	32 - 112
Nitrobenzene-d5		60.29	mg/Kg	80	75	45 - 111
2-Fluorobiphenyl		60.88	mg/Kg	80	76	43 - 110
2,4,6-Tribromophenol		60.28	mg/Kg	80	75	34 - 136
Terphenyl-d14		72.79	mg/Kg	80	90	47 - 120

Sample: Method Blank

QCBatch: QC04595

Param	Flag	Results	Units	Reporting Limit
DRO		<50	mg/Kg	50

Sample: Method Blank

QCBatch: QC04600

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.05	mg/Kg	0.001
Toluene		<0.05	mg/Kg	0.001
Ethylbenzene		<0.05	mg/Kg	0.001
M,P,O-Xylene		<0.05	mg/Kg	0.001
Total BTEX		<0.05	mg/Kg	0.001

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
TFT		5.06	mg/Kg	0.10	101	72 - 128
4-BFB		4.5	mg/Kg	0.10	90	72 - 128

Sample: Method Blank

QCBatch: QC04607

Param	Flag	Results	Units	Reporting Limit
GRO		<5	mg/Kg	0.10

Sample: Method Blank

QCBatch: QC04660

Param	Flag	Results	Units	Reporting Limit
GRO		<5	mg/Kg	0.10

Sample: Method Blank QCBatch: QC04671

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.05	mg/Kg	0.001
Toluene		<0.05	mg/Kg	0.001
Ethylbenzene		<0.05	mg/Kg	0.001
M,P,O-Xylene		<0.05	mg/Kg	0.001
Total BTEX		<0.05	mg/Kg	0.001

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
TFT		4.76	mg/Kg	0.10	95	72 - 128
4-BFB		4.68	mg/Kg	0.10	94	72 - 128

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Sample: LCS QC Batch: QC04421

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Phenol		62.65	mg/Kg	1	80	<0.25	78		34 - 102	20
2-Chlorophenol		63.92	mg/Kg	1	80	<0.25	79		37 - 100	20
1,4-Dichlorobenzene		68.68	mg/Kg	1	80	<0.25	85		41 - 102	20
n-Nitrosodi-n-propylamine		67.90	mg/Kg	1	80	<0.25	84		45 - 107	20
1,2,4-Trichlorobenzene		72.95	mg/Kg	1	80	<0.25	91		39 - 103	20
4-Chloro-3-methylphenol		64.24	mg/Kg	1	80	<0.25	80		46 - 113	20
Acenaphthene		69.91	mg/Kg	1	80	<0.25	87		50 - 107	20
4-Nitrophenol		63.01	mg/Kg	1	80	<0.25	78		0 - 152	20
2,4-Dinitrotoluene		78.78	mg/Kg	1	80	<0.25	98		53 - 114	20
Pentachlorophenol		31.43	mg/Kg	1	80	<0.25	39		0 - 121	20
Pyrene		82.22	mg/Kg	1	80	<0.25	102		41 - 121	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorophenol		68.60	mg/Kg	1	80	85	22 - 103
Phenol-d5		70.21	mg/Kg	1	80	87	32 - 112
Nitrobenzene-d5		76.58	mg/Kg	1	80	95	45 - 111
2-Fluorobiphenyl		74.23	mg/Kg	1	80	92	43 - 110

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Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2,4,6-Tribromophenol		77.50	mg/Kg	1	80	96	34 - 136
Terphenyl-d14		83.20	mg/Kg	1	80	104	47 - 120

Sample: LCSD

QC Batch: QC04421

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Phenol		62.55	mg/Kg	1	80	<0.25	78	0	34 - 102	20
2-Chlorophenol		62.89	mg/Kg	1	80	<0.25	78	2	37 - 100	20
1,4-Dichlorobenzene		67.94	mg/Kg	1	80	<0.25	84	1	41 - 102	20
n-Nitrosodi-n-propylamine		69.46	mg/Kg	1	80	<0.25	86	2	45 - 107	20
1,2,4-Trichlorobenzene		72.23	mg/Kg	1	80	<0.25	90	1	39 - 103	20
4-Chloro-3-methylphenol		65.54	mg/Kg	1	80	<0.25	81	2	46 - 113	20
Acenaphthene		70.50	mg/Kg	1	80	<0.25	88	1	50 - 107	20
4-Nitrophenol		63.19	mg/Kg	1	80	<0.25	78	0	0 - 152	20
2,4-Dinitrotoluene		78.98	mg/Kg	1	80	<0.25	98	0	53 - 114	20
Pentachlorophenol		31.52	mg/Kg	1	80	<0.25	39	0	0 - 121	20
Pyrene		76.10	mg/Kg	1	80	<0.25	95	8	41 - 121	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorophenol		67.03	mg/Kg	1	80	83	22 - 103
Phenol-d5		69.68	mg/Kg	1	80	87	32 - 112
Nitrobenzene-d5		76.16	mg/Kg	1	80	95	45 - 111
2-Fluorobiphenyl		72.94	mg/Kg	1	80	91	43 - 110
2,4,6-Tribromophenol		75.23	mg/Kg	1	80	94	34 - 136
Terphenyl-d14		79.29	mg/Kg	1	80	99	47 - 120

Sample: LCS

QC Batch: QC04451

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		2.51	mg/Kg	1	2.50	<0.19	100		80 - 120	20

Sample: LCSD

QC Batch: QC04451

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		2.48	mg/Kg	1	2.50	<0.19	99	1	80 - 120	20

Sample: LCS QC Batch: QC04471

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		4.97	mg/Kg	50	0.10	<0.05	99		80 - 120	20
Benzene		4.68	mg/Kg	50	0.10	<0.05	93		80 - 120	20
Toluene		4.64	mg/Kg	50	0.10	<0.05	92		80 - 120	20
Ethylbenzene		4.15	mg/Kg	50	0.10	<0.05	83		80 - 120	20
M,P,O-Xylene		12.7	mg/Kg	50	0.30	<0.05	84		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.39	mg/Kg	50	0.10	87	72 - 128
4-BFB		4.42	mg/Kg	50	0.10	88	72 - 128

Sample: LCSD QC Batch: QC04471

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		4.98	mg/Kg	50	0.10	<0.05	99	0	80 - 120	20
Benzene		4.76	mg/Kg	50	0.10	<0.05	95	2	80 - 120	20
Toluene		4.77	mg/Kg	50	0.10	<0.05	95	3	80 - 120	20
Ethylbenzene		4.32	mg/Kg	50	0.10	<0.05	86	4	80 - 120	20
M,P,O-Xylene		13.3	mg/Kg	50	0.30	<0.05	88	5	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.27	mg/Kg	50	0.10	85	72 - 128
4-BFB		4.31	mg/Kg	50	0.10	86	72 - 128

Sample: LCS QC Batch: QC04476

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
1,1-Dichloroethene		87	µg/Kg	1	100	<50	87		80 - 120	20
Benzene		91	µg/Kg	1	100	<50	91		80 - 120	20
Trichloroethene (TCE)		91	µg/Kg	1	100	<50	91		80 - 120	20
Toluene		90	µg/Kg	1	100	<50	90		80 - 120	20
Chlorobenzene		94	µg/Kg	1	100	<50	94		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		48.85	µg/Kg	1	50	97	69 - 116

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Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Toluene-d8		50.55	µg/Kg	1	50	101	88 - 114
4-Bromofluorobenzene		46.87	µg/Kg	1	50	93	74 - 110

Sample: LCSD QC Batch: QC04476

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
1,1-Dichloroethene		92	µg/Kg	1	100	<50	92	6	80 - 120	20
Benzene		95	µg/Kg	1	100	<50	95	4	80 - 120	20
Trichloroethene (TCE)		95	µg/Kg	1	100	<50	95	4	80 - 120	20
Toluene		95	µg/Kg	1	100	<50	95	5	80 - 120	20
Chlorobenzene		98	µg/Kg	1	100	<50	98	4	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		49.28	µg/Kg	1	50	98	69 - 116
Toluene-d8		50.42	µg/Kg	1	50	100	88 - 114
4-Bromofluorobenzene		46.50	µg/Kg	1	50	93	74 - 110

Sample: LCS QC Batch: QC04485

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		261	mg/Kg	1	250	<50	104		70 - 130	20

Sample: LCSD QC Batch: QC04485

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		266	mg/Kg	1	250	<50	106	2	70 - 130	20

Sample: LCS QC Batch: QC04486

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		250	mg/Kg	1	250	<50	100		70 - 130	20

Sample: LCSD QC Batch: QC04486

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		251	mg/Kg	1	250	<50	100	0	70 - 130	20

Sample: LCS QC Batch: QC04487

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		240	mg/Kg	1	250	<50	96		70 - 130	20

Sample: LCSD QC Batch: QC04487

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		247	mg/Kg	1	250	<50	98	3	70 - 130	20

Sample: LCS QC Batch: QC04488

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		242	mg/Kg	1	250	<50	96		70 - 130	20

Sample: LCSD QC Batch: QC04488

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		221	mg/Kg	1	250	<50	88	9	70 - 130	20

Sample: LCS QC Batch: QC04489

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Arsenic		95	mg/Kg	1	100	<5.0	95		75 - 125	20
Total Barium		203	mg/Kg	1	200	<5.0	101		75 - 125	20
Total Cadmium		19.5	mg/Kg	1	20	<2.0	97		75 - 125	20

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Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Chromium		40	mg/Kg	1	40	<5.0	100		75 - 125	20
Total Lead		98	mg/Kg	1	100	<5.0	98		75 - 125	20
Total Selenium		82	mg/Kg	1	100	<5.0	82		75 - 125	20
Total Silver		19	mg/Kg	1	20	<2.0	95		75 - 125	20

Sample: LCSD QC Batch: QC04489

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Arsenic		97	mg/Kg	1	100	<5.0	97	2	75 - 125	20
Total Barium		205	mg/Kg	1	200	<5.0	102	1	75 - 125	20
Total Cadmium		19.8	mg/Kg	1	20	<2.0	99	2	75 - 125	20
Total Chromium		41	mg/Kg	1	40	<5.0	102	2	75 - 125	20
Total Lead		99	mg/Kg	1	100	<5.0	99	1	75 - 125	20
Total Selenium		84	mg/Kg	1	100	<5.0	84	2	75 - 125	20
Total Silver		19	mg/Kg	1	20	<2.0	95	0	75 - 125	20

Sample: LCS QC Batch: QC04492

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		2.51	mg/Kg	1	2.50	<0.19	100		80 - 120	20

Sample: LCSD QC Batch: QC04492

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		2.48	mg/Kg	1	2.50	<0.19	99	1	80 - 120	20

Sample: LCS QC Batch: QC04519

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
GRO		1.12	mg/Kg	1	1	<5	112		80 - 120	20

Sample: LCSD QC Batch: QC04519

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
GRO		1.19	mg/Kg	1	1	<5	119	6	80 - 120	20

Sample: LCS QC Batch: QC04520

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		4.22	mg/Kg	50	0.10	<0.05	84		80 - 120	20
Benzene		4.5	mg/Kg	50	0.10	<0.05	90		80 - 120	20
Toluene		4.5	mg/Kg	50	0.10	<0.05	90		80 - 120	20
Ethylbenzene		4.49	mg/Kg	50	0.10	<0.05	90		80 - 120	20
M,P,O-Xylene		13.4	mg/Kg	50	0.30	<0.05	89		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		5.93	mg/Kg	50	0.10	118	72 - 128
4-BFB		5.9	mg/Kg	50	0.10	118	72 - 128

Sample: LCSD QC Batch: QC04520

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		5.06	mg/Kg	50	0.10	<0.05	101	18	80 - 120	20
Benzene		5.28	mg/Kg	50	0.10	<0.05	106	16	80 - 120	20
Toluene		5.31	mg/Kg	50	0.10	<0.05	106	16	80 - 120	20
Ethylbenzene		5.26	mg/Kg	50	0.10	<0.05	105	16	80 - 120	20
M,P,O-Xylene		16	mg/Kg	50	0.30	<0.05	107	18	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		6.2	mg/Kg	50	0.10	124	72 - 128
4-BFB		6.25	mg/Kg	50	0.10	125	72 - 128

Sample: LCS QC Batch: QC04522

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
GRO		1.18	mg/Kg	1	1	<5	118		80 - 120	20
GRO		1.18	mg/Kg	1	1	<5	118		80 - 120	20

Sample: LCSD

QC Batch: QC04522

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
GRO		1.01	mg/Kg	1	1	<5	101	16	80 - 120	20
GRO		1.01	mg/Kg	1	1	<5	101	16	80 - 120	20

Sample: LCS

QC Batch: QC04527

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Phenol		48.17	mg/Kg	1	80	<0.25	60		34 - 102	20
2-Chlorophenol		47.41	mg/Kg	1	80	<0.25	59		37 - 100	20
1,4-Dichlorobenzene		47.45	mg/Kg	1	80	<0.25	59		41 - 102	20
n-Nitrosodi-n-propylamine		52.15	mg/Kg	1	80	<0.25	65		45 - 107	20
1,2,4-Trichlorobenzene		50.56	mg/Kg	1	80	<0.25	63		39 - 103	20
4-Chloro-3-methylphenol		61.88	mg/Kg	1	80	<0.25	77		46 - 113	20
Acenaphthene		57.67	mg/Kg	1	80	<0.25	72		50 - 107	20
4-Nitrophenol		39.46	mg/Kg	1	80	<0.25	49		0 - 152	20
2,4-Dinitrotoluene		68.38	mg/Kg	1	80	<0.25	85		53 - 114	20
Pentachlorophenol		9.71	mg/Kg	1	80	<0.25	12		0 - 121	20
Pyrene		64.22	mg/Kg	1	80	<0.25	80		41 - 121	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorophenol		44.77	mg/Kg	1	80	55	22 - 103
Phenol-d5		51.40	mg/Kg	1	80	64	32 - 112
Nitrobenzene-d5		53.89	mg/Kg	1	80	67	45 - 111
2-Fluorobiphenyl		55.89	mg/Kg	1	80	69	43 - 110
2,4,6-Tribromophenol		58.82	mg/Kg	1	80	73	34 - 136
Terphenyl-d14		64.18	mg/Kg	1	80	80	47 - 120

Sample: LCSD

QC Batch: QC04527

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Phenol		46.45	mg/Kg	1	80	<0.25	58	4	34 - 102	20
2-Chlorophenol		46.15	mg/Kg	1	80	<0.25	57	3	37 - 100	20
1,4-Dichlorobenzene		46.93	mg/Kg	1	80	<0.25	58	1	41 - 102	20
n-Nitrosodi-n-propylamine		48.55	mg/Kg	1	80	<0.25	60	7	45 - 107	20
1,2,4-Trichlorobenzene		51.44	mg/Kg	1	80	<0.25	64	2	39 - 103	20
4-Chloro-3-methylphenol		58.94	mg/Kg	1	80	<0.25	73	5	46 - 113	20
Acenaphthene		57.77	mg/Kg	1	80	<0.25	72	0	50 - 107	20
4-Nitrophenol		46.07	mg/Kg	1	80	<0.25	57	15	0 - 152	20
2,4-Dinitrotoluene		74.40	mg/Kg	1	80	<0.25	93	8	53 - 114	20

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Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Pentachlorophenol		9.60	mg/Kg	1	80	<0.25	12	1	0 - 121	20
Pyrene		67.35	mg/Kg	1	80	<0.25	84	5	41 - 121	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorophenol		46.39	mg/Kg	1	80	57	22 - 103
Phenol-d5		49.41	mg/Kg	1	80	61	32 - 112
Nitrobenzene-d5		54.14	mg/Kg	1	80	67	45 - 111
2-Fluorobiphenyl		55.58	mg/Kg	1	80	69	43 - 110
2,4,6-Tribromophenol		65.26	mg/Kg	1	80	81	34 - 136
Terphenyl-d14		66.18	mg/Kg	1	80	82	47 - 120

Sample: LCS QC Batch: QC04595

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		271	mg/Kg	1	250	<50	108		70 - 130	20

Sample: LCSD QC Batch: QC04595

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		271	mg/Kg	1	250	<50	108	0	70 - 130	20

Sample: LCS QC Batch: QC04600

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		5.08	mg/Kg	50	0.10	<0.05	101		80 - 120	20
Benzene		4.96	mg/Kg	50	0.10	<0.05	99		80 - 120	20
Toluene		4.79	mg/Kg	50	0.10	<0.05	95		80 - 120	20
Ethylbenzene		4.79	mg/Kg	50	0.10	<0.05	95		80 - 120	20
M,P,O-Xylene		15.3	mg/Kg	50	0.30	<0.05	102		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		5.06	mg/Kg	50	0.10	101	72 - 128
4-BFB		4.64	mg/Kg	50	0.10	92	72 - 128

Sample: LCSD QC Batch: QC04600

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		5.17	mg/Kg	50	0.10	<0.05	103	2	80 - 120	20
Benzene		4.94	mg/Kg	50	0.10	<0.05	98	0	80 - 120	20
Toluene		4.78	mg/Kg	50	0.10	<0.05	95	0	80 - 120	20
Ethylbenzene		4.83	mg/Kg	50	0.10	<0.05	96	1	80 - 120	20
M,P,O-Xylene		15.4	mg/Kg	50	0.30	<0.05	102	1	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.96	mg/Kg	50	0.10	99	72 - 128
4-BFB		4.6	mg/Kg	50	0.10	92	72 - 128

Sample: LCS QC Batch: QC04607

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
GRO		0.959	mg/Kg	1	1	<5	95		80 - 120	20

Sample: LCSD QC Batch: QC04607

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
GRO		1.03	mg/Kg	1	1	<5	103	7	80 - 120	20

Sample: LCS QC Batch: QC04660

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
GRO		1.02	mg/Kg	1	1	<5	102		80 - 120	20

Sample: LCSD QC Batch: QC04660

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
GRO		1.1	mg/Kg	1	1	<5	110	8	80 - 120	20

Sample: LCS QC Batch: QC04671

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		5.04	mg/Kg	1	0.10	<0.05	101		80 - 120	20
Benzene		4.9	mg/Kg	1	0.10	<0.05	98		80 - 120	20
Toluene		4.81	mg/Kg	1	0.10	<0.05	96		80 - 120	20
Ethylbenzene		4.7	mg/Kg	1	0.10	<0.05	94		80 - 120	20
M,P,O-Xylene		14.1	mg/Kg	1	0.30	<0.05	94		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.66	mg/Kg	1	0.10	93	72 - 128
4-BFB		4.48	mg/Kg	1	0.10	90	72 - 128

Sample: LCSD QC Batch: QC04671

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
MTBE		5.12	mg/Kg	1	0.10	<0.05	103	2	80 - 120	20
Benzene		4.91	mg/Kg	1	0.10	<0.05	98	0	80 - 120	20
Toluene		4.88	mg/Kg	1	0.10	<0.05	98	1	80 - 120	20
Ethylbenzene		4.73	mg/Kg	1	0.10	<0.05	95	1	80 - 120	20
M,P,O-Xylene		14.2	mg/Kg	1	0.30	<0.05	95	1	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.62	mg/Kg	1	0.10	92	72 - 128
4-BFB		4.43	mg/Kg	1	0.10	89	72 - 128

Quality Control Report
Matrix Spikes and Duplicate Spikes

Sample: MS QC Batch: QC04421

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Phenol		56.48	mg/Kg	1	80	<0.25	70		34 - 102	20
2-Chlorophenol		51.99	mg/Kg	1	80	<0.25	64		37 - 100	20
1,4-Dichlorobenzene		56.18	mg/Kg	1	80	<0.25	70		41 - 102	20
n-Nitrosodi-n-propylamine		61.79	mg/Kg	1	80	<0.25	77		45 - 107	20
1,2,4-Trichlorobenzene		59.59	mg/Kg	1	80	<0.25	74		39 - 103	20

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Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
4-Chloro-3-methylphenol		47.82	mg/Kg	1	80	<0.25	59		46 - 113	20
Acenaphthene		64.26	mg/Kg	1	80	<0.25	80		50 - 107	20
4-Nitrophenol	[2]	<7.50	mg/Kg	1	80	<0.25	0		0 - 152	20
2,4-Dinitrotoluene		55.20	mg/Kg	1	80	<0.25	69		53 - 114	20
Pentachlorophenol	[3]	<7.50	mg/Kg	1	80	<0.25	0		0 - 121	20
Pyrene		50.90	mg/Kg	1	80	<0.25	63		41 - 121	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorophenol		51.48	mg/Kg	1	80	64	22 - 103
Phenol-d5		60.20	mg/Kg	1	80	75	32 - 112
Nitrobenzene-d5		61.71	mg/Kg	1	80	77	45 - 111
2-Fluorobiphenyl		67.28	mg/Kg	1	80	84	43 - 110
2,4,6-Tribromophenol		34.16	mg/Kg	1	80	42	34 - 136
Terphenyl-d14		55.27	mg/Kg	1	80	69	47 - 120

Sample: MSD

QC Batch: QC04421

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Phenol		52.46	mg/Kg	1	80	<0.25	65	7	34 - 102	20
2-Chlorophenol		51.07	mg/Kg	1	80	<0.25	63	2	37 - 100	20
1,4-Dichlorobenzene		55.14	mg/Kg	1	80	<0.25	68	2	41 - 102	20
n-Nitrosodi-n-propylamine		64.13	mg/Kg	1	80	<0.25	80	4	45 - 107	20
1,2,4-Trichlorobenzene		59.74	mg/Kg	1	80	<0.25	74	0	39 - 103	20
4-Chloro-3-methylphenol		34.34	mg/Kg	1	80	<0.25	42	33	46 - 113	20
Acenaphthene		61.84	mg/Kg	1	80	<0.25	77	4	50 - 107	20
4-Nitrophenol	[4]	<7.50	mg/Kg	1	80	<0.25	0	0	0 - 152	20
2,4-Dinitrotoluene		47.49	mg/Kg	1	80	<0.25	59	15	53 - 114	20
Pentachlorophenol	[5]	<7.50	mg/Kg	1	80	<0.25	0	0	0 - 121	20
Pyrene		44.82	mg/Kg	1	80	<0.25	56	13	41 - 121	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorophenol		52.46	mg/Kg	1	80	65	22 - 103
Phenol-d5		58.25	mg/Kg	1	80	72	32 - 112
Nitrobenzene-d5		64.05	mg/Kg	1	80	80	45 - 111
2-Fluorobiphenyl		73.25	mg/Kg	1	80	91	43 - 110
2,4,6-Tribromophenol		24.13	mg/Kg	1	80	30	34 - 136
Terphenyl-d14		47.70	mg/Kg	1	80	59	47 - 120

[2] Analyte did not appear due to matrix interferences. Use LCS and LCSD.
[3] Analyte did not appear due to matrix interferences. Use LCS and LCSD.
[4] Analyte did not appear due to matrix interferences. Use LCS and LCSD.
[5] Analyte did not appear due to matrix interferences. Use LCS and LCSD.

Sample: MS QC Batch: QC04451

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		2.50	mg/Kg	1	2.50	<0.19	100		80 - 120	20

Sample: MSD QC Batch: QC04451

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		2.53	mg/Kg	1	2.50	<0.19	101	1	80 - 120	20

Sample: MS QC Batch: QC04471

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Benzene		5.02	mg/Kg	50	0.10	<0.05	100	2	80 - 120	20
Toluene		4.95	mg/Kg	50	0.10	<0.05	99	3	80 - 120	20
Ethylbenzene		4.4	mg/Kg	50	0.10	<0.05	88	4	80 - 120	20
M,P,O-Xylene		13.5	mg/Kg	50	0.30	<0.05	90	5	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.38	mg/Kg	50	0.10	87	72 - 128
4-BFB		4.4	mg/Kg	50	0.10	88	72 - 128

Sample: MSD QC Batch: QC04471

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Benzene		5.05	mg/Kg	50	0.10	<0.05	101	0	80 - 120	20
Toluene		5	mg/Kg	50	0.10	<0.05	100	1	80 - 120	20
Ethylbenzene		4.5	mg/Kg	50	0.10	<0.05	90	2	80 - 120	20
M,P,O-Xylene		13.9	mg/Kg	50	0.30	<0.05	92	3	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.35	mg/Kg	50	0.10	87	72 - 128
4-BFB		4.48	mg/Kg	50	0.10	89	72 - 128

Sample: MS QC Batch: QC04476

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
1,1-Dichloroethene		89	µg/Kg	1	100	<50	89		80 - 120	20
Benzene		95	µg/Kg	1	100	<50	95		74 - 121	20
Trichloroethene (TCE)		93	µg/Kg	1	100	<50	93		72 - 121	20
Toluene		93	µg/Kg	1	100	<50	93		75 - 134	20
Chlorobenzene		95	µg/Kg	1	100	<50	95		83 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		47.66	µg/Kg	1	50	95	69 - 116
Toluene-d8		48.58	µg/Kg	1	50	97	88 - 114
4-Bromofluorobenzene		52.41	µg/Kg	1	50	104	74 - 110

Sample: MSD QC Batch: QC04476

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
1,1-Dichloroethene		88	µg/Kg	1	100	<50	88	1	80 - 120	20
Benzene		94	µg/Kg	1	100	<50	94	1	74 - 121	20
Trichloroethene (TCE)		92	µg/Kg	1	100	<50	92	1	72 - 121	20
Toluene		93	µg/Kg	1	100	<50	93	0	75 - 134	20
Chlorobenzene		96	µg/Kg	1	100	<50	96	1	83 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		47.30	µg/Kg	1	50	94	69 - 116
Toluene-d8		48.95	µg/Kg	1	50	97	88 - 114
4-Bromofluorobenzene		51.95	µg/Kg	1	50	103	74 - 110

Sample: MS QC Batch: QC04485

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		247	mg/Kg	1	250	<50	98		70 - 130	20

Sample: MSD QC Batch: QC04485

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		277	mg/Kg	1	250	<50	110	11	70 - 130	20

Sample: MS QC Batch: QC04486

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		253	mg/Kg	1	250	<50	101		70 - 130	20

Sample: MSD QC Batch: QC04486

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		254	mg/Kg	1	250	<50	101	0	70 - 130	20

Sample: MS QC Batch: QC04487

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		238	mg/Kg	1	250	<50	95		70 - 130	20

Sample: MSD QC Batch: QC04487

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		245	mg/Kg	1	250	<50	98	3	70 - 130	20

Sample: MS QC Batch: QC04488

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		270	mg/Kg	1	250	<50	108		70 - 130	20

Sample: MSD QC Batch: QC04488

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		266	mg/Kg	1	250	<50	106	1	70 - 130	20

Sample: MS QC Batch: QC04489

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Arsenic		92	mg/Kg	1	100	<5.0	92		75 - 125	20
Total Barium		350	mg/Kg	1	200	184	83		75 - 125	20
Total Cadmium		17	mg/Kg	1	20	<2.0	85		75 - 125	20
Total Chromium		41	mg/Kg	1	40	5.9	87		75 - 125	20
Total Lead		92	mg/Kg	1	100	<5.0	92		75 - 125	20
Total Selenium		78	mg/Kg	1	100	<5.0	78		75 - 125	20
Total Silver		17	mg/Kg	1	20	<2.0	85		75 - 125	20

Sample: MSD QC Batch: QC04489

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Arsenic		90	mg/Kg	1	100	<5.0	90	2	75 - 125	20
Total Barium		360	mg/Kg	1	200	184	88	6	75 - 125	20
Total Cadmium		16	mg/Kg	1	20	<2.0	80	6	75 - 125	20
Total Chromium		44	mg/Kg	1	40	5.9	95	8	75 - 125	20
Total Lead		91	mg/Kg	1	100	<5.0	91	1	75 - 125	20
Total Selenium		77	mg/Kg	1	100	<5.0	77	1	75 - 125	20
Total Silver		17	mg/Kg	1	20	<2.0	85	0	75 - 125	20

Sample: MS QC Batch: QC04492

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		2.62	mg/Kg	1	2.50	<0.19	104		80 - 120	20

Sample: MSD QC Batch: QC04492

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		2.62	mg/Kg	1	2.50	<0.19	104	0	80 - 120	20

Sample: MS QC Batch: QC04520

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Benzene		4.98	mg/Kg	50	0.10	<0.05	100		80 - 120	20
Toluene		5.02	mg/Kg	50	0.10	<0.05	100		80 - 120	20
Ethylbenzene		4.97	mg/Kg	50	0.10	<0.05	99		80 - 120	20
M,P,O-Xylene		14.9	mg/Kg	50	0.30	<0.05	99		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		6.14	mg/Kg	50	0.10	122	72 - 128
4-BFB		5.95	mg/Kg	50	0.10	119	72 - 128

Sample: MSD QC Batch: QC04520

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Benzene		5.16	mg/Kg	50	0.10	<0.05	103	4	80 - 120	20
Toluene		5.26	mg/Kg	50	0.10	<0.05	105	5	80 - 120	20
Ethylbenzene		5.18	mg/Kg	50	0.10	<0.05	104	4	80 - 120	20
M,P,O-Xylene		15.6	mg/Kg	50	0.30	<0.05	104	4	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		6.01	mg/Kg	50	0.10	120	72 - 128
4-BFB		6	mg/Kg	50	0.10	120	72 - 128

Sample: MS QC Batch: QC04595

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		353	mg/Kg	1	250	96	102		70 - 130	20

Sample: MSD QC Batch: QC04595

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
DRO		336	mg/Kg	1	250	96	96	7	70 - 130	20

Sample: MS

QC Batch: QC04600

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Benzene		5.3	mg/Kg	50	0.10	<0.05	106	0	80 - 120	20
Toluene		5.09	mg/Kg	50	0.10	<0.05	101	0	80 - 120	20
Ethylbenzene		5.1	mg/Kg	50	0.10	<0.05	102	1	80 - 120	20
M,P,O-Xylene		16.2	mg/Kg	50	0.30	<0.05	108	1	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		5.15	mg/Kg	50	0.10	103	72 - 128
4-BFB		4.93	mg/Kg	50	0.10	98	72 - 128

Sample: MSD

QC Batch: QC04600

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Benzene		5	mg/Kg	50	0.10	<0.05	100	6	80 - 120	20
Toluene		4.78	mg/Kg	50	0.10	<0.05	95	6	80 - 120	20
Ethylbenzene		4.78	mg/Kg	50	0.10	<0.05	95	6	80 - 120	20
M,P,O-Xylene		15.2	mg/Kg	50	0.30	<0.05	101	6	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		5.02	mg/Kg	50	0.10	100	72 - 128
4-BFB		4.8	mg/Kg	50	0.10	96	72 - 128

Sample: MS

QC Batch: QC04671

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Benzene		5.04	mg/Kg	1	0.10	<0.05	101		80 - 120	20
Toluene		5.06	mg/Kg	1	0.10	<0.05	101		80 - 120	20
Ethylbenzene		4.95	mg/Kg	1	0.10	<0.05	99		80 - 120	20
M,P,O-Xylene		14.8	mg/Kg	1	0.30	<0.05	99		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.63	mg/Kg	1	0.10	93	72 - 128
4-BFB		4.55	mg/Kg	1	0.10	91	72 - 128

Sample: MSD QC Batch: QC04671

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Benzene		5.06	mg/Kg	1	0.10	<0.05	101	0	80 - 120	20
Toluene		5.04	mg/Kg	1	0.10	<0.05	101	0	80 - 120	20
Ethylbenzene		5.05	mg/Kg	1	0.10	<0.05	101	2	80 - 120	20
M,P,O-Xylene		15.1	mg/Kg	1	0.30	<0.05	101	2	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
TFT		4.75	mg/Kg	1	0.10	95	72 - 128
4-BFB		4.74	mg/Kg	1	0.10	95	72 - 128

Quality Control Report
Continuing Calibration Verification Standards

Sample: CCV (1) QC Batch: QC04421

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Phenol		mg/Kg	60	56.11	93	34 - 102	8/22/00
1,4-Dichlorobenzene		mg/Kg	60	58.90	98	41 - 102	8/22/00
2-Nitrophenol		mg/Kg	60	60.40	100	80 - 120	8/22/00
2,4-Dichlorophenol		mg/Kg	60	60.28	100	80 - 120	8/22/00
Hexachlorobutadiene		mg/Kg	60	59.38	98	80 - 120	8/22/00
4-Chloro-3-methylphenol		mg/Kg	60	59.49	99	46 - 113	8/22/00
2,4,6-Trichlorophenol		mg/Kg	60	58.95	98	80 - 120	8/22/00
Acenaphthene		mg/Kg	60	58.37	97	50 - 107	8/22/00
Diphenylamine		mg/Kg	60	55.76	92	80 - 120	8/22/00
Pentachlorophenol		mg/Kg	60	59.21	98	0 - 121	8/22/00
Fluoranthene		mg/Kg	60	63.48	105	80 - 120	8/22/00
Di-n-octylphthalate		mg/Kg	60	61.25	102	80 - 120	8/22/00
Benzo(a)pyrene		mg/Kg	60	60.78	101	80 - 120	8/22/00

Sample: CCV (1) QC Batch: QC04451

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/Kg	0.005	0.00461	100	80 - 120	8/23/00

Sample: ICV (1) QC Batch: QC04451

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/Kg	0.005	0.00463	100	80 - 120	8/23/00

Sample: CCV (1) QC Batch: QC04471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.101	101	80 - 120	8/25/00
Toluene		mg/Kg	0.10	0.1	100	80 - 120	8/25/00
Ethylbenzene		mg/Kg	0.10	0.088	88	80 - 120	8/25/00
M,P,O-Xylene		mg/Kg	0.30	0.273	91	80 - 120	8/25/00

Sample: CCV (2) QC Batch: QC04471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.097	97	80 - 120	8/25/00
Toluene		mg/Kg	0.10	0.096	96	80 - 120	8/25/00
Ethylbenzene		mg/Kg	0.10	0.085	85	80 - 120	8/25/00
M,P,O-Xylene		mg/Kg	0.30	0.262	87	80 - 120	8/25/00

Sample: ICV (1) QC Batch: QC04471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.098	98	80 - 120	8/25/00
Toluene		mg/Kg	0.10	0.098	98	80 - 120	8/25/00
Ethylbenzene		mg/Kg	0.10	0.089	89	80 - 120	8/25/00
M,P,O-Xylene		mg/Kg	0.30	0.273	91	80 - 120	8/25/00

Sample: CCV (1) QC Batch: QC04472

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	1.1	110	80 - 120	8/25/00

Sample: ICV (1) QC Batch: QC04472

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	1.1	110	80 - 120	8/25/00

Sample: CCV (1) QC Batch: QC04476

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Vinyl Chloride		µg/Kg	100	102	102	80 - 120	8/27/00
1,1-Dichloroethene		µg/Kg	100	107	107	64 - 149	8/27/00
Chloroform		µg/Kg	100	103	103	80 - 120	8/27/00
1,2-Dichloropropane		µg/Kg	100	103	103	80 - 120	8/27/00
Toluene		µg/Kg	100	103	103	70 - 127	8/27/00
Chlorobenzene		µg/Kg	100	104	104	76 - 122	8/27/00
Ethylbenzene		µg/Kg	100	106	106	80 - 120	8/27/00
Dibromofluoromethane		µg/Kg	50	49.67	99	73 - 129	8/27/00
Toluene-d8		µg/Kg	50	49.41	98	87 - 114	8/27/00
4-Bromofluorobenzene		µg/Kg	50	51.54	103	65 - 112	8/27/00

Sample: CCV (1) QC Batch: QC04485

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	258	103	70 - 130	8/25/00

Sample: CCV (2) QC Batch: QC04485

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	251	100	70 - 130	8/25/00

Sample: ICV (1) QC Batch: QC04485

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	270	108	70 - 130	8/25/00

Sample: CCV (1) QC Batch: QC04486

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	247	98	70 - 130	8/25/00

Sample: CCV (2) QC Batch: QC04486

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	248	99	70 - 130	8/25/00

Sample: ICV (1) QC Batch: QC04486

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	258	103	70 - 130	8/25/00

Sample: CCV (1) QC Batch: QC04487

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	237	94	70 - 130	8/25/00

Sample: CCV (2) QC Batch: QC04487

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	256	102	70 - 130	8/25/00

Sample: ICV (1) QC Batch: QC04487

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	246	98	70 - 130	8/25/00

Sample: CCV (1) QC Batch: QC04488

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	263	105	70 - 130	8/25/00

Sample: CCV (2) QC Batch: QC04488

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	269	107	70 - 130	8/25/00

Sample: ICV (1) QC Batch: QC04488

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	243	97	70 - 130	8/25/00

Sample: CCV (1) QC Batch: QC04489

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/Kg	2.50	2.43	97	75 - 125	8/23/00
Total Barium		mg/Kg	5	4.85	97	75 - 125	8/23/00
Total Cadmium		mg/Kg	0.50	0.49	98	75 - 125	8/23/00
Total Chromium		mg/Kg	1	0.96	96	75 - 125	8/23/00
Total Lead		mg/Kg	2.50	2.40	96	75 - 125	8/23/00
Total Selenium		mg/Kg	2.50	2.46	98	75 - 125	8/23/00
Total Silver		mg/Kg	0.50	0.48	96	75 - 125	8/23/00

Sample: ICV (1) QC Batch: QC04489

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/Kg	2.50	2.52	100	75 - 125	8/23/00
Total Barium		mg/Kg	5	5.04	100	75 - 125	8/23/00
Total Cadmium		mg/Kg	0.50	0.51	102	75 - 125	8/23/00
Total Chromium		mg/Kg	1	1.00	100	75 - 125	8/23/00
Total Lead		mg/Kg	2.50	2.50	100	75 - 125	8/23/00
Total Selenium		mg/Kg	2.50	2.55	102	75 - 125	8/23/00

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/Kg	0.50	0.50	100	75 - 125	8/23/00

Sample: CCV (1) QC Batch: QC04492

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/Kg	5	0.00470	0	80 - 120	8/23/00

Sample: ICV (1) QC Batch: QC04492

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/Kg	5	0.00463	0	80 - 120	8/23/00

Sample: CCV (1) QC Batch: QC04519

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	0.834	83	80 - 120	8/28/00

Sample: ICV (1) QC Batch: QC04519

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	1.2	120	80 - 120	8/28/00

Sample: CCV (1) QC Batch: QC04520

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.089	89	80 - 120	8/28/00
Toluene		mg/Kg	0.10	0.088	88	80 - 120	8/28/00
Ethylbenzene		mg/Kg	0.10	0.089	89	80 - 120	8/28/00
M,P,O-Xylene		mg/Kg	0.30	0.268	89	80 - 120	8/28/00

Sample: CCV (2) QC Batch: QC04520

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.093	93	80 - 120	8/28/00
Toluene		mg/Kg	0.10	0.092	92	80 - 120	8/28/00
Ethylbenzene		mg/Kg	0.10	0.092	92	80 - 120	8/28/00
M,P,O-Xylene		mg/Kg	0.30	0.274	91	80 - 120	8/28/00

Sample: ICV (1) QC Batch: QC04520

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.103	103	80 - 120	8/28/00
Toluene		mg/Kg	0.10	0.104	104	80 - 120	8/28/00
Ethylbenzene		mg/Kg	0.10	0.104	104	80 - 120	8/28/00
M,P,O-Xylene		mg/Kg	0.30	0.312	104	80 - 120	8/28/00

Sample: CCV (1) QC Batch: QC04522

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	1.18	118	80 - 120	8/28/00
GRO		mg/Kg	1	1.18	118	80 - 120	8/28/00

Sample: CCV (2) QC Batch: QC04522

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	0.864	86	80 - 120	8/28/00
GRO		mg/Kg	1	0.864	86	80 - 120	8/28/00

Sample: ICV (1) QC Batch: QC04522

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	1.14	114	80 - 120	8/28/00
GRO		mg/Kg	1	1.14	114	80 - 120	8/28/00

Sample: CCV (1)

QC Batch: QC04527

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Phenol		mg/Kg	60	60.95	101	34 - 102	8/29/00
1,4-Dichlorobenzene		mg/Kg	60	58.79	97	41 - 102	8/29/00
2-Nitrophenol		mg/Kg	60	59.28	98	80 - 120	8/29/00
2,4-Dichlorophenol		mg/Kg	60	53.60	89	80 - 120	8/29/00
Hexachlorobutadiene		mg/Kg	60	59.29	98	80 - 120	8/29/00
4-Chloro-3-methylphenol		mg/Kg	60	59.14	98	46 - 113	8/29/00
2,4,6-Trichlorophenol		mg/Kg	60	52.44	87	80 - 120	8/29/00
Acenaphthene		mg/Kg	60	58.50	97	50 - 107	8/29/00
Diphenylamine		mg/Kg	60	60.43	100	80 - 120	8/29/00
Pentachlorophenol		mg/Kg	60	53.61	89	0 - 121	8/29/00
Fluoranthene		mg/Kg	60	54.49	90	80 - 120	8/29/00
Di-n-octylphthalate		mg/Kg	60	57.09	95	80 - 120	8/29/00
Benzo(a)pyrene		mg/Kg	60	57.05	95	80 - 120	8/29/00
2-Fluorophenol		mg/Kg	60	60.89	101	22 - 103	8/29/00
Phenol-d5		mg/Kg	60	61.60	102	32 - 112	8/29/00
Nitrobenzene-d5		mg/Kg	60	60.95	101	45 - 111	8/29/00
2-Fluorobiphenyl		mg/Kg	60	59.49	99	43 - 110	8/29/00
2,4,6-Tribromophenol		mg/Kg	60	53.60	89	34 - 136	8/29/00
Terphenyl-d14		mg/Kg	60	59.61	99	47 - 120	8/29/00

Sample: CCV (1)

QC Batch: QC04595

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	262	104	70 - 130	8/31/00

Sample: CCV (2)

QC Batch: QC04595

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	279	111	70 - 130	8/31/00

Sample: ICV (1)

QC Batch: QC04595

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	273	109	70 - 130	8/31/00

Sample: CCV (1) QC Batch: QC04600

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.098	98	80 - 120	8/30/00
Toluene		mg/Kg	0.10	0.094	94	80 - 120	8/30/00
Ethylbenzene		mg/Kg	0.10	0.094	94	80 - 120	8/30/00
M,P,O-Xylene		mg/Kg	0.30	0.301	100	80 - 120	8/30/00

Sample: CCV (2) QC Batch: QC04600

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.1	100	80 - 120	8/30/00
Toluene		mg/Kg	0.10	0.096	96	80 - 120	8/30/00
Ethylbenzene		mg/Kg	0.10	0.095	95	80 - 120	8/30/00
M,P,O-Xylene		mg/Kg	0.30	0.307	102	80 - 120	8/30/00

Sample: ICV (1) QC Batch: QC04600

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.105	105	80 - 120	8/30/00
Toluene		mg/Kg	0.10	0.101	101	80 - 120	8/30/00
Ethylbenzene		mg/Kg	0.10	0.101	101	80 - 120	8/30/00
M,P,O-Xylene		mg/Kg	0.30	0.321	107	80 - 120	8/30/00

Sample: CCV (1) QC Batch: QC04607

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	1.03	103	80 - 120	8/30/00

Sample: ICV (1) QC Batch: QC04607

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	1.04	104	80 - 120	8/30/00

Sample: CCV (1) QC Batch: QC04660

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	0.987	98	80 - 120	9/1/00

Sample: ICV (1) QC Batch: QC04660

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	0.982	98	80 - 120	9/1/00

Sample: CCV (1) QC Batch: QC04671

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.101	101	80 - 120	9/1/00
Toluene		mg/Kg	0.10	0.1	100	80 - 120	9/1/00
Ethylbenzene		mg/Kg	0.10	0.097	97	80 - 120	9/1/00
M,P,O-Xylene		mg/Kg	0.30	0.288	96	80 - 120	9/1/00

Sample: CCV (2) QC Batch: QC04671

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.11	110	80 - 120	9/1/00
Toluene		mg/Kg	0.10	0.109	109	80 - 120	9/1/00
Ethylbenzene		mg/Kg	0.10	0.108	108	80 - 120	9/1/00
M,P,O-Xylene		mg/Kg	0.30	0.322	107	80 - 120	9/1/00

Sample: ICV (1) QC Batch: QC04671

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.10	0.099	99	80 - 120	9/1/00
Toluene		mg/Kg	0.10	0.098	98	80 - 120	9/1/00
Ethylbenzene		mg/Kg	0.10	0.095	95	80 - 120	9/1/00
M,P,O-Xylene		mg/Kg	0.30	0.286	95	80 - 120	9/1/00

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A000821 16

Company Name: LLANO PERMIAN
Phone #: 915 522 2133
Address: (Street, City, Zip) 1031 Andrews Hwy #115
Fax #: 915 522 2180
Contact Person: BO VIZCAINO
Invoice to: (If different from above)
Project #: BPC
Project Name: SUBSURFACE INVESTIGATION
Project Location: HOBBS, N.M.
Sampler Signature: BO Vizcaino

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	$NaHSO_4$	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
151805	SB-15 0-1'	1	4oz		✓								✓		8/15	0930
06	SB-15 20'	1	4oz		✓								✓		8/15	1020
07	SB-1 0-1'	1	4oz		✓								✓		8/15	1032
08	SB-1 20'	1	4oz		✓								✓		8/15	1145
09	SB 2 0-1'	1	4oz		✓								✓		8/15	1540
10	SB 2 20'	1	4oz		✓								✓		8/15	1532
11	SB 3 0-1'	1	4oz		✓								✓		8/15	1315
12	SB 3 20'	1	4oz		✓								✓		8/15	1354
13	SB 4 0-1	1	4oz		✓								✓		8/15	1605
14	SB 24 20'	1	4oz		✓								✓		8/15	1705

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH ~~418.1/TX1005~~ 8015 GRO ORO	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
	X	X		X						X	X					
	X	X		X						X	X					
X	X															
X	X															
X	X			X						X	X					
X	X			X						X	X					

Relinquished by: BO Vizcaino Date: 8/18/00 Time: 1700
Received by: Helen Shelton Date: 8/18/00 Time: 1700
Relinquished by: Helen Shelton Date: 8/18/00 Time: 6:30PM
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Date: 08/19/00 Time: 0730am

LAB USE ONLY
ANALYSIS (BV)
Intact Y / N
Headspace Y / N
Temp 4 °
Log-in Review MS

REMARKS:

Carrier # Greyhound 159384 8317

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A0082116

Company Name: LLANO PERMIAN
Phone #: 915/522 2133
Address: (Street, City, Zip) 1031 ANDREWS HWY #115
Fax #: 915/522 2180
Contact Person: BO VIZCAINO
Invoice to: (If different from above)
Project #: BPC
Project Name: SUBSURFACE INVESTIGATION
Project Location: HOBBS NM
Sampler Signature: Bo [signature]

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	$NaHSO_4$	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH ~~418.1/TX1005~~ 8015	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
151815	SB-5 0-1'	1	4oz		✓								✓		8/15	1415		X	X														
16	SB-5 20	1	4oz		✓								✓		8/15	1455		X	X														
17	SB-6 0-1'	1	4oz		✓								✓		8/16	0740		X	X														
18	SB-6 20'	1	4oz		✓								✓		8/16	0810		X	X														
19	SB-7 0-1	1	4oz		✓								✓		8/16	1205		X	X														
20	SB-7 8.5 TD	1	4oz		✓								✓		8/16	1220		X	X														
21	SB-8 0-1'	1	4oz		✓								✓		8/16	1140		X	X														
22	SB-9 0-1'	1	4oz		✓								✓		8/16	1420		X	X														
23	SB-9 5.5' TD	1	4oz		✓								✓		8/16	1525		X	X														
~~24~~	~~8~~																																

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Bo [signature]	8/18/00	1700	Helen Shelton	8/18/00	1700
Helen Shelton	8/18/00	6:30PM			
Relinquished by:	Date:	Time:	Received at Laboratory by: [signature]	08/19/00	9:30AM

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 4°
Log-in Review [initials]

REMARKS:

Carrier # Greyhound 59384831

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A000 82116

Company Name: LLANO PERMIAN
Phone #: 915 522 2133
Address: (Street, City, Zip)
Fax #: 915 522 2180
Contact Person: BO VIZCAINO
Invoice to: (If different from above)
Project #: BPC
Project Name: SUBSURFACE INVESTIGATION
Project Location: HOBBS, NM
Sampler Signature: Bo Vizcaino

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE		# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	NaHSO4	H2SO4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 448.1/TX1005 8015	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH					Turn Around Time if different from standard	Hold
151824	SB-10	0-1'	1	4oz		✓								✓		8/16	1545	X	X																	
25	SB-10	7' TD	1	4oz		✓								✓		8/16	1560	X	X																	
26	SB-11	0-1	1	4oz		✓								✓		8/16	1530	X	X																	
27	SB-11	2.5' TD	1	4oz		✓								✓		8/16	1558	X	X																	
28	SB-12	0-1'	1	4oz		✓								✓		8-16	1100	X	X																	
29	SB-12	10' TD	1	4oz		✓								✓		8-16	1125	X	X																	
30	SB-13	0-1	1	4oz		✓								✓		8-16	0855		X	X							X	X								
31	SB-13	19' TD	1	4oz		✓								✓		8-16	0940		X	X							X	X								
32	SB-14	0-1	1	4oz		✓								✓		8-16	1615	X	X																	
33	SB-14	8' TD	1	4oz		✓								✓		8-16	1630	X	X																	

Relinquished by: Bo Vizcaino Date: 8/18/00 Time: 1700
Received by: Helen Shelton Date: 8/18/00 Time: 1700
Relinquished by: Helen Shelton Date: 8/18/00 Time: 6:30PM
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Date: 08/19/00 Time: 0913 MS

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Headspace Y / N
Temp 4 °
Log-in Review

REMARKS:

Carrier # Greyhound 159384 8711

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A00082116

Company Name: LLANO PERMIAN
Phone #: 915 522 2133
Address: (Street, City, Zip) 1031 ANDREWS HWY
Fax #: 915 522 2180
Contact Person: BO VIZCAINO
Invoice to: (If different from above)
Project #: BPC
Project Name: SUBSURFACE INVESTIGATION
Project Location: HOBBS N.M.
Sampler Signature: Bo Vizcaino

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	NaHSO$_4$	H$_2$SO$_4$	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH ~~418.1/TX1005~~ 8015	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH						Turn Around Time if different from standard	Hold
151834	SB-16 0-1	1	4oz		✓								✓		8/16	1005			X		X						X	X										
35	SB-16 10'	1	4oz		✓								✓		8/16	1035			X		X						X	X										

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Bo Vizcaino	8/18/00	1700	Helen Shelton	8/18/00	1700
Helen Shelton	8/18/00	6:30PM	—		
—			Received at Laboratory by: [signature]	08/19/00	9:30am

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 4°
Log-in Review [initials]

REMARKS:

Carrier # Greyhound 159 384 8311

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

Company Name: LANO PERMIAN
Phone #: 915 522 2133
Address: (Street, City, Zip) 1031 ANDREWS HWY #115
Fax #: 915 522 2180
Contact Person: BO VIZCAINO
Invoice to: (If different from above)
Project #: EPC
Project Name: SURFACE INVESTIGATION
Project Location: ARTESIA, NM
Sampler Signature: B. Vizcaino

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	NaHSO4	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
	SB-1 0-1	1	4oz		✓								✓		8/17	1115
	SB-1 20	1	4		✓								✓		8/17	1120
	SB-2 0-1	1			✓								✓		8/17	1020
	SB-2 20'	1	4oz		✓								✓		8/17	1100
	SB-3 0-1	1	4oz		✓								✓		8/17	1710
	SB-3 20'	1	4oz		✓								✓		8/17	1730
	SB-11 0-1	1	4oz		✓								✓		8/17	1625
	SB-11 20'	1	4oz		✓								✓		8/17	1650
	SB-4 0-1	1	4oz		✓								✓		8/17	1528
	SB-5 2'	1	4oz		✓								✓		8/17	1540

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418-17/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH						Turn Around Time if different from standard	Hold
		8015								8260	8270										
		X		X						X	X										
		X		X						X	X										
		X		X						X	X										
	X	X																			
	X	X																			
	X	X																			
	X	X																			
	X	X																			
	X	X																			
	X	X																			

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
B. Vizcaino	8/18/00	5:00PM	Helen Skotten	8/18/00	5:10 PM
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp °
Log-in Review

REMARKS:

Carrier # UPS Ground

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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

Company Name: LANO - PERMIAN
Phone #: 915 522 2133
Address: (Street, City, Zip) 1031 ANDREWS HWY #115
Fax #: 915 522 2180
Contact Person: BO VIRGANO
Invoice to: (If different from above)
Project #: BPC
Project Name: SUBSURFACE INVESTIGATION
Project Location: ARTESIA, NEW MEXICO
Sampler Signature: BO VIRGANO

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	NaHSO4	H2SO4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
	SB-6 0-1'	1	4oz		✓								✓		8/17	1400
	SB-6 20'	1	4oz		✓								✓		8/17	1425
	SB-7 0-1'	1	4oz		✓								✓		8/17	1450
	SB-7 20'	1	4oz		✓								✓		8/17	1500
	SB-8 0-1'	1	4oz		✓								✓		8/17	1700
	SB-8 20'	1	4oz		✓								✓		8/17	1730
	SB-9 0-1'	1	4oz		✓								✓		8/17	1145
	SB-9 20'	1	4oz		✓								✓		8/17	1158
	SB-10 0-1'	1	4oz		✓								✓		8/17	1600
	SB-10 20'	1	4oz		✓								✓		8/17	1615

ANALYSIS REQUEST

(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH							Turn Around Time if different from standard	Hold
	X	X																				
	X	X																				
	X	X																				
	X	X																				
	X	X																				
	X	X																				
	X	X																				
	X	X									X	X										
	X	X									X	X										
	X	X																				
	X	X																				

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
BO Virgano	8/18/00	5:00PM	Helen Shelton	8/18/00	5:00 PM
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:

NO ANALYSIS

LAB USE ONLY BY

Intact Y / N
Headspace Y / N
Temp °
Log-in Review

REMARKS:

Carrier # Greyhound

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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #:

Company Name: LLANO PERMIAN
Phone #: 915 522 2133
Address: (Street, City, Zip) 1031 Andrews Hwy. # 115
Fax #: 915 522 2180
Contact Person: BO VIZCAINO
Invoice to: (If different from above)
Project #: BPC
Project Name: SUBSURFACE INVESTIGATION
Project Location: HOBBS, N.M.
Sampler Signature: BO Vizcaino

LAB # (LAB USE ONLY)	FIELD CODE		# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	NaHSO4	H2SO4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
	SB-15	0-1'	1	4 oz		✓								✓		8/15	0930
	SB-15	20'	1	4 oz		✓								✓		8/15	1020
	SB-1	0-1'	1	4 oz		✓								✓		8/15	1032
	SB-1	20'	1	4 oz		✓								✓		8/15	1145
	SB 2	0-1'	1	4 oz		✓								✓		8/15	1610
	SB 2	20'	1	4 oz		✓								✓		8/15	1532
	SB 3	0-1'	1	4 oz		✓								✓		8/15	1315
	SB 3	20'	1	4 oz		✓								✓		8/15	1354
	SB 4	0-1	1	4 oz		✓								✓		8/15	1635
	SB 4	20'	1	4 oz		✓								✓		8/15	1705

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH ~~418.1/TX1005~~ 8015	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH							Turn Around Time if different from standard	Hold
	X	X																				
	X	X																				
	X	X																				
	X	X																				
	X	X		X							X	X										
	X	X		X							X	X										
	X	X																				
	X	X																				
	X	X																				
	X	X																				

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
BO Vizcaino	8/18/15	1700	Helen Shelton	8/18/15	1700
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:

LAB USE ONLY
ANALYSIS (BV)
Intact Y / N
Headspace Y / N
Temp °
Log-in Review

REMARKS:

Carrier # Overland

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 10 samples IC

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6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

Company Name: LLANO PERMIAN
Phone #: 915/522 2133
Address: (Street, City, Zip) 1031 ANDREWS HWY #115
Fax #: 915/522 2180
Contact Person: BO VIZCAINO
Invoice to: (If different from above)
Project #: BPC
Project Name: SUBSURFACE INVESTIGATION
Project Location: HOBBS NM
Sampler Signature: BO Vizcaino

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	$NaHSO_4$	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
	SB-5 0-1'	1	4oz		✓								✓		8/15	1415
	SB-5 20	1	4oz		✓								✓		8/15	1455
	SB-6 0-1'	1	4oz		✓								✓		8/16	0710
	SB-6 20'	1	4oz		✓								✓		8/16	0810
	SB-7 0-1	1	4oz		✓								✓		8/16	1205
	SB-7 5.5 TD	1	4oz		✓								✓		8/16	1220
	SB-8 0-1'	1	4oz		✓								✓		8/16	1140
	SB-9 0 1'	1	4oz		✓								✓		8/16	1420
	SB 9 5.5' TD	1	4oz		✓								✓		8/16	1525
	9															

ANALYSIS REQUEST

(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH ~~418.1/TX1005~~ 8015	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH						Turn Around Time if different from standard	Hold
	X	X																			
	X	X																			
	X	X																			
	X	X																			
	X	X																			
	X	X																			
	X	X																			
	X	X																			
	X	X																			

Relinquished by: BO Vizcaino Date: 8/16/00 Time: 700
Received by: Helen Shelton Date: 8/18/00 Time: 1700

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received at Laboratory by: Date: Time:

LAB USE ONLY

Intact Y / N
Headspace Y / N
Temp °
Log-in Review

REMARKS:

Carrier # Greyhound

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 9 samples - 4 C

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Lubbock, Texas 79424
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1 (800) 378-1296

TraceAnalysis, Inc.

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

Company Name: LEAM PERMIAN
Phone #: 915 522 2133
Address: (Street, City, Zip)
Fax #: 915 522 2180
Contact Person: BO VIZCAINO
Invoice to: (If different from above)
Project #: BPC
Project Name: SUBSURFACE INVESTIGATION
Project Location: HOBBS NM
Sampler Signature: Bo Vizcaino

LAB # (LAB USE ONLY)	FIELD CODE		# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	NaHSO4	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
	SB-10	0-1'	1	4oz		✓								✓		8/16	1545
	SB-10	7' TD	1	4oz		✓								✓		8/16	1540
	SB-11	0-1	1	4oz		✓								✓		8/16	1550
	SB-11	2.5' TD	1	4oz		✓								✓		8/16	1558
	SB-12	0-1'	1	4oz		✓								✓		8-16	1100
	SB-12	10' TD	1	4oz		✓								✓		8-16	1125
	SB-13	0-1	1	4oz		✓								✓		8-16	0855
	SB-13	19' TD	1	4oz		✓								✓		8-16	0940
	SB-14	0-1	1	4oz		✓								✓		8-16	1615
	SB-14	8' TD	1	4oz		✓								✓		8-16	1130

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH ~~418.1/TX1005~~ 8015	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
	X	X														
	X	X														
	X	X														
	X	X														
	X	X														
	X	X														
		X		X						X	X					
		X		X						X	X					
	X	X														
	X	X														

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Bo Vizcaino	8/18/00	1300	Helen Shelton	8/18/00	1700
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp °
Log-in Review

REMARKS:

Carrier # Overnight

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 10 samples

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6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
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Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

Company Name: LLANO PERMIAN
Phone #: 915 522 2133
Address: (Street, City, Zip) 1031 ANDREWS HWY
Fax #: 915 522 2190
Contact Person: BO VIZCAINO
Invoice to: (If different from above)
Project #: BPC
Project Name: SUBSURFACE INVESTIGATION
Project Location: HOBBS N.M.
Sampler Signature: Bo Vizcaino

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	NaHSO4	H2SO4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
	SB-16 0-1	1	4oz		✓								✓		8/16	1005
	SB-16 10'	1	4oz		✓								✓		8/16	1035

ANALYSIS REQUEST (Circle or Specify Method No.)

	MTBE 8021B/602	BTEX 8021B/602	TPH ~~418.1~~/TX1005 8015	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH							Turn Around Time if different from standard	Hold
			X		X						X	X											
			X		X						X	X											

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Bo Vizcaino	8/18/05	1703	Helen Shelton	8/18/05	1700
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:

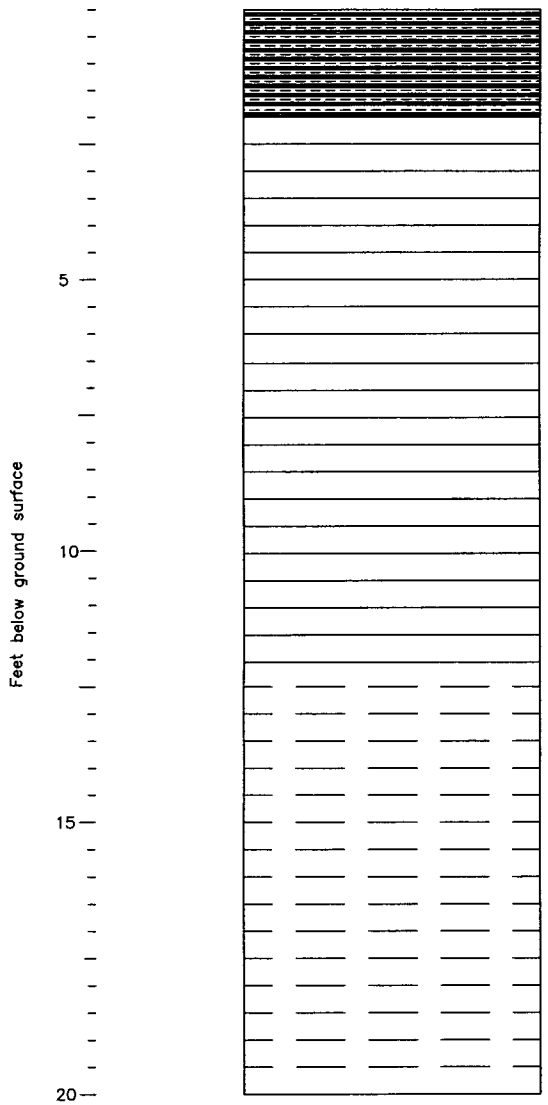
LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp °
Log-in Review

REMARKS:

Carrier # Greyhound

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 2 samplers - 1/c

CHART COPY



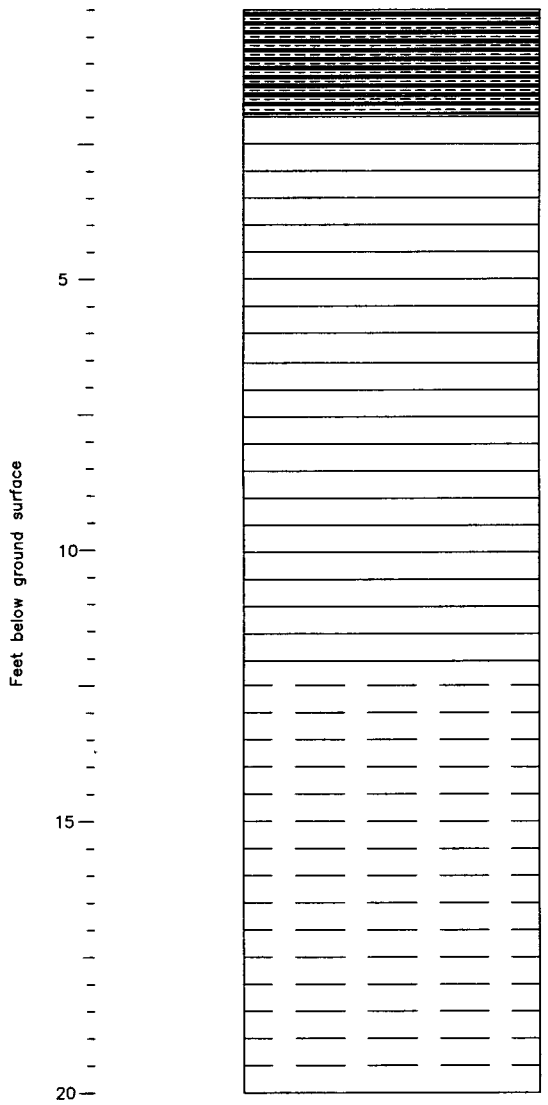
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Light Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Light Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor
8'	0.0	Cuttings	8'		8' – Light Brown Clay, No Moisture, No Odor
9'	0.0	Cuttings	9'		9' – Light Brown Clay, No Moisture, No Odor
10	0.0	Cuttings	10'		10' – Light Brown Clay, No Moisture, No Odor
11'	0.0	Cuttings	11'		11' – Light Brown Clay, No Moisture, No Odor
12'	0.0	Cuttings	12'		12' – Tan Caliche, Hard Limestone, No Moisture, No Odor
13'	0.0	Cuttings	13'		13' – Tan Caliche, Hard Limestone, No Moisture, No Odor
14'	0.0	Cuttings	14'		14' – Tan Caliche, Hard Limestone, No Moisture, No Odor
15	0.0	Cuttings	15'		15' – Tan Caliche, Hard Limestone, No Moisture, No Odor
16'	0.0	Cuttings	16'		16' – Tan Caliche, Hard Limestone, No Moisture, No Odor
17'	0.0	Cuttings	17'		17' – Tan Caliche, Hard Limestone, No Moisture, No Odor
18'	0.0	Cuttings	18'		18' – Tan Caliche, Hard Limestone, No Moisture, No Odor
19'	0.0	Cuttings	19'		19' – Tan Caliche, Hard Limestone, No Moisture, No Odor
20	0.0	Cuttings	20'		20' – Tan Caliche, Hard Limestone, No Moisture, No Odor 20' – Total Depth

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-15-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-01



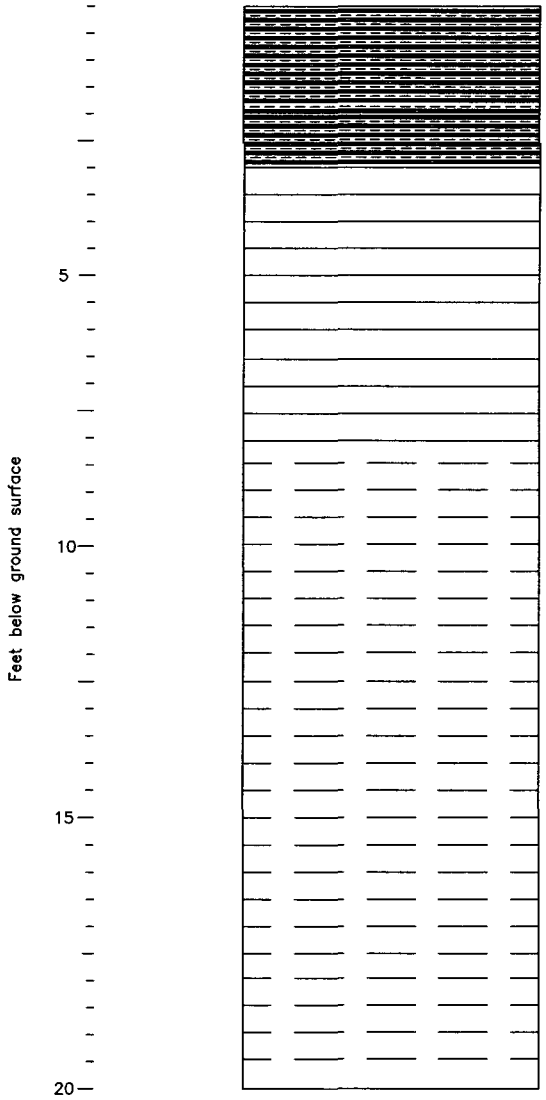
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Light Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Light Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor
8'	0.0	Cuttings	8'		8' – Light Brown Clay, No Moisture, No Odor
9'	0.0	Cuttings	9'		9' – Light Brown Clay, No Moisture, No Odor
10	0.0	Cuttings	10'		10' – Light Brown Clay, No Moisture, No Odor
11'	0.0	Cuttings	11'		11' – Light Brown Clay, No Moisture, No Odor
12'	0.0	Cuttings	12'		12' – Tan Caliche, Hard Limestone, No Moisture, No Odor
13'	0.0	Cuttings	13'		13' – Tan Caliche, Hard Limestone, No Moisture, No Odor
14'	0.0	Cuttings	14'		14' – Tan Caliche, Hard Limestone, No Moisture, No Odor
15	0.0	Cuttings	15'		15' – Tan Caliche, Hard Limestone, No Moisture, No Odor
16'	0.0	Cuttings	16'		16' – Tan Caliche, Hard Limestone, No Moisture, No Odor
17'	0.0	Cuttings	17'		17' – Tan Caliche, Hard Limestone, No Moisture, No Odor
18'	0.0	Cuttings	18'		18' – Tan Caliche, Hard Limestone, No Moisture, No Odor
19'	0.0	Cuttings	19'		19' – Tan Caliche, Hard Limestone, No Moisture, No Odor
20	0.0	Cuttings	20'		20' – Tan Caliche, Hard Limestone, No Moisture, No Odor

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-15-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-02



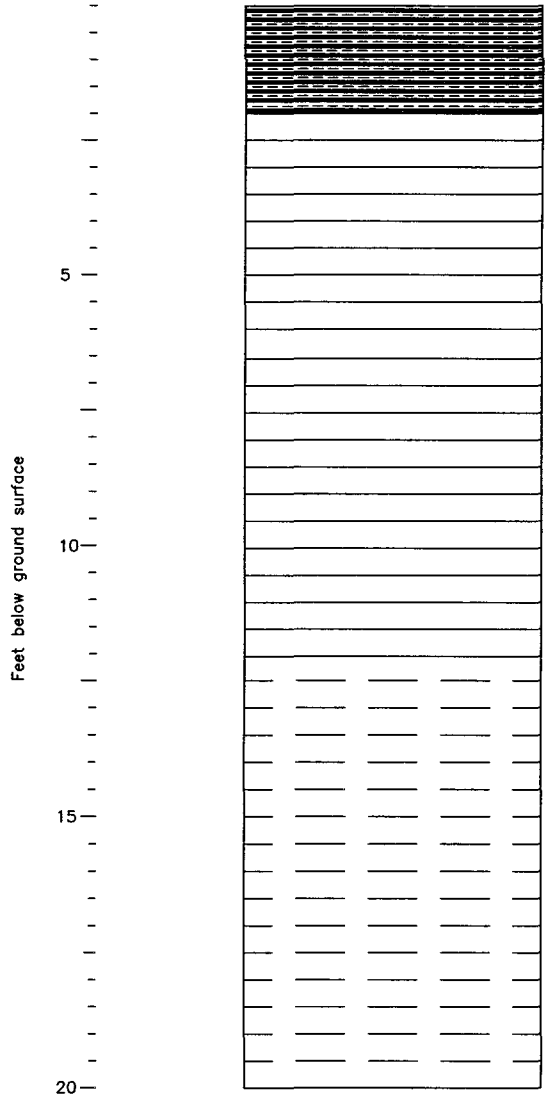
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Light Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor
8'	0.0	Cuttings	8'		8' – Light Brown Clay, No Moisture, No Odor
9'	0.0	Cuttings	9'		9' – Light Brown Clay, No Moisture, No Odor
10'	0.0	Cuttings	10'		10' – Light Brown Clay, No Moisture, No Odor
11'	0.0	Cuttings	11'		11' – Light Brown Clay, No Moisture, No Odor
12'	0.0	Cuttings	12'		12' – Tan Caliche, Hard Limestone, No Moisture, No Odor
13'	0.0	Cuttings	13'		13' – Tan Caliche, Hard Limestone, No Moisture, No Odor
14'	0.0	Cuttings	14'		14' – Tan Caliche, Hard Limestone, No Moisture, No Odor
15	0.0	Cuttings	15'		15' – Tan Caliche, Hard Limestone, No Moisture, No Odor
16'	0.0	Cuttings	16'		16' – Tan Caliche, Hard Limestone, No Moisture, No Odor
17'	0.0	Cuttings	17'		17' – Tan Caliche, Hard Limestone, No Moisture, No Odor
18'	0.0	Cuttings	18'		18' – Tan Caliche, Hard Limestone, No Moisture, No Odor
19'	0.0	Cuttings	19'		19' – Tan Caliche, Hard Limestone, No Moisture, No Odor
20	0.0	Cuttings	20'		20' – Tan Caliche, Hard Limestone, No Moisture, No Odor

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-15-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-03



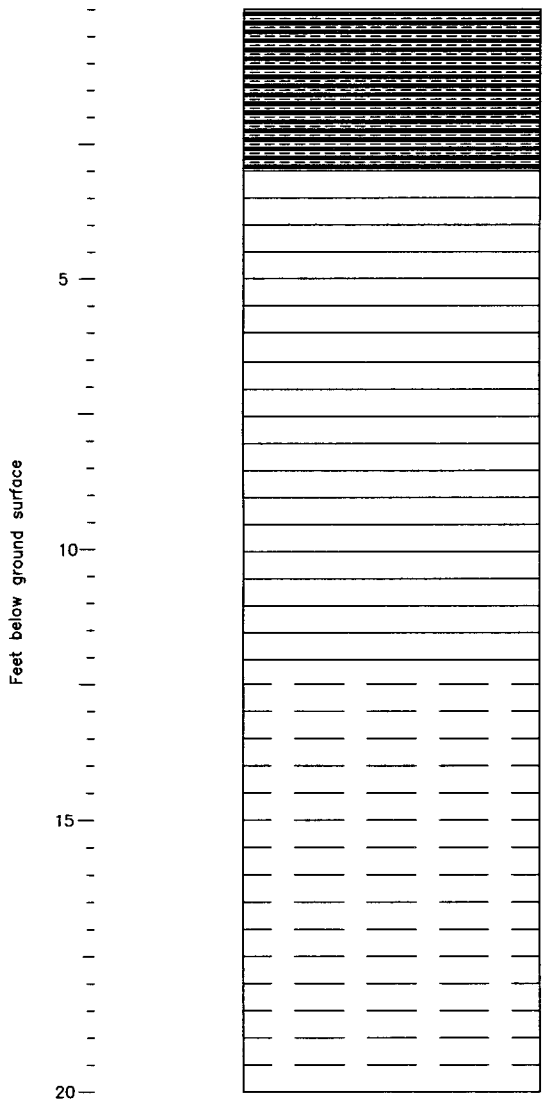
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Light Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Light Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor
8'	0.0	Cuttings	8'		8' – Light Brown Clay, No Moisture, No Odor
9'	0.0	Cuttings	9'		9' – Light Brown Clay, No Moisture, No Odor
10'	0.0	Cuttings	10'		10' – Light Brown Clay, No Moisture, No Odor
11'	0.0	Cuttings	11'		11' – Light Brown Clay, No Moisture, No Odor
12'	0.0	Cuttings	12'		12' – Tan Caliche, Hard Limestone, No Moisture, No Odor
13'	0.0	Cuttings	13'		13' – Tan Caliche, Hard Limestone, No Moisture, No Odor
14'	0.0	Cuttings	14'		14' – Tan Caliche, Hard Limestone, No Moisture, No Odor
15	0.0	Cuttings	15'		15' – Tan Caliche, Hard Limestone, No Moisture, No Odor
16'	0.0	Cuttings	16'		16' – Tan Caliche, Hard Limestone, No Moisture, No Odor
17'	0.0	Cuttings	17'		17' – Tan Caliche, Hard Limestone, No Moisture, No Odor
18'	0.0	Cuttings	18'		18' – Tan Caliche, Hard Limestone, No Moisture, No Odor
19'	0.0	Cuttings	19'		19' – Tan Caliche, Hard Limestone, No Moisture, No Odor
20	0.0	Cuttings	20'		20' – Tan Caliche, Hard Limestone, No Moisture, No Odor

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-15-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-04



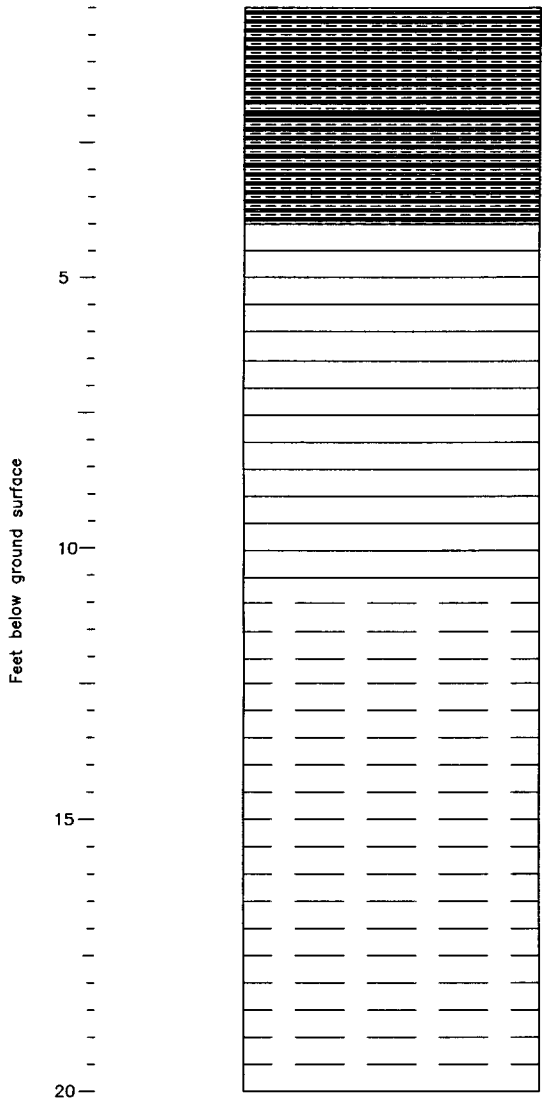
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Light Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor
8'	0.0	Cuttings	8'		8' – Light Brown Clay, No Moisture, No Odor
9'	0.0	Cuttings	9'		9' – Light Brown Clay, No Moisture, No Odor
10	0.0	Cuttings	10'		10' – Light Brown Clay, No Moisture, No Odor
11'	0.0	Cuttings	11'		11' – Light Brown Clay, No Moisture, No Odor
12'	0.0	Cuttings	12'		12' – Tan Caliche, Hard Limestone, No Moisture, No Odor
13'	0.0	Cuttings	13'		13' – Tan Caliche, Hard Limestone, No Moisture, No Odor
14'	0.0	Cuttings	14'		14' – Tan Caliche, Hard Limestone, No Moisture, No Odor
15	0.0	Cuttings	15'		15' – Tan Caliche, Hard Limestone, No Moisture, No Odor
16'	0.0	Cuttings	16'		16' – Tan Caliche, Hard Limestone, No Moisture, No Odor
17'	0.0	Cuttings	17'		17' – Tan Caliche, Hard Limestone, No Moisture, No Odor
18'	0.0	Cuttings	18'		18' – Tan Caliche, Hard Limestone, No Moisture, No Odor
19'	0.0	Cuttings	19'		19' – Tan Caliche, Hard Limestone, No Moisture, No Odor
20	0.0	Cuttings	20'		20' – Tan Caliche, Hard Limestone, No Moisture, No Odor

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-15-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-05



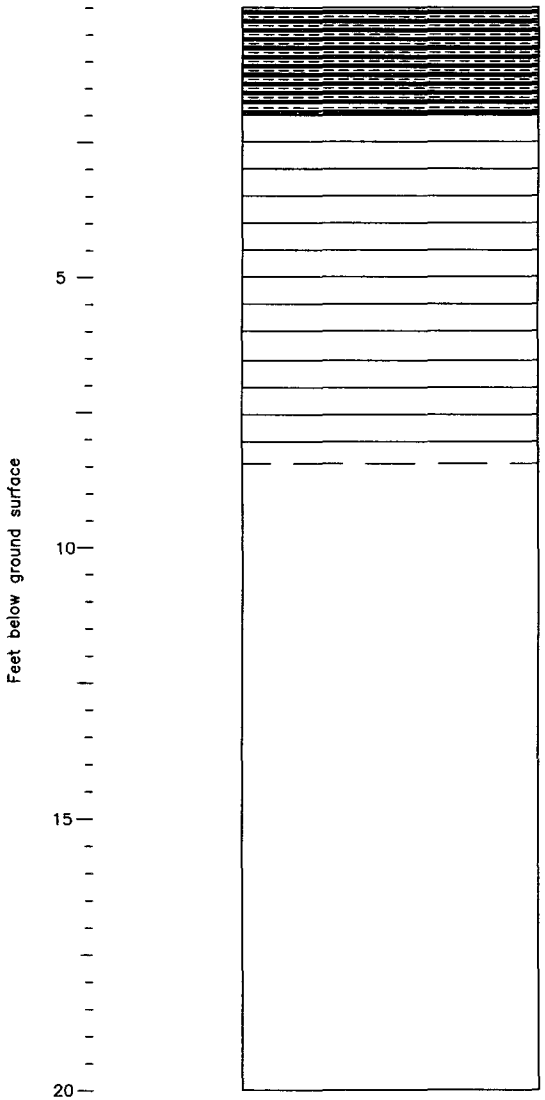
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor
8'	0.0	Cuttings	8'		8' – Light Brown Clay, No Moisture, No Odor
9'	0.0	Cuttings	9'		9' – Light Brown Clay, No Moisture, No Odor
10	0.0	Cuttings	10'		10' – Light Brown Clay, No Moisture, No Odor
11'	0.0	Cuttings	11'		11' – Tan Caliche, Hard Limestone, No Moisture, No Odor
12'	0.0	Cuttings	12'		12' – Tan Caliche, Hard Limestone, No Moisture, No Odor
13'	0.0	Cuttings	13'		13' – Tan Caliche, Hard Limestone, No Moisture, No Odor
14'	0.0	Cuttings	14'		14' – Tan Caliche, Hard Limestone, No Moisture, No Odor
15	0.0	Cuttings	15'		15' – Tan Caliche, Hard Limestone, No Moisture, No Odor
16'	0.0	Cuttings	16'		16' – Tan Caliche, Hard Limestone, No Moisture, No Odor
17'	0.0	Cuttings	17'		17' – Tan Caliche, Hard Limestone, No Moisture, No Odor
18'	0.0	Cuttings	18'		18' – Tan Caliche, Hard Limestone, No Moisture, No Odor
19'	0.0	Cuttings	19'		19' – Tan Caliche, Hard Limestone, No Moisture, No Odor
20	0.0	Cuttings	20'		20' – Tan Caliche, Hard Limestone, No Moisture, No Odor

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-16-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-06



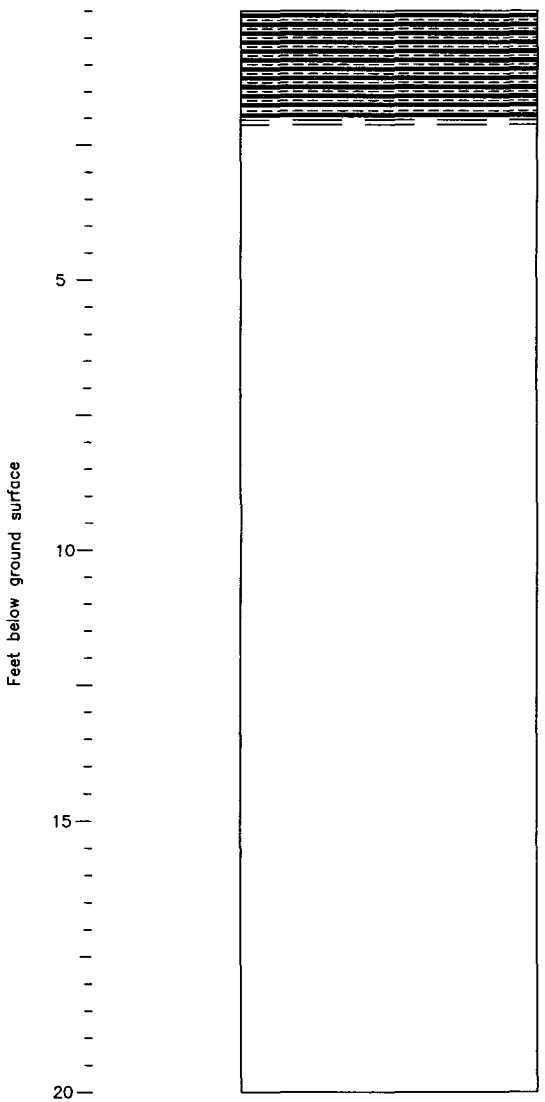
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Light Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Light Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor
8'	0.0	Cuttings	8'		8' – Light Brown Clay, No Moisture, No Odor 8.5' – Tan Caliche, Hard Limestone, No Moisture, No Odor 8.5' – Terminus Depth

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-16-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-07



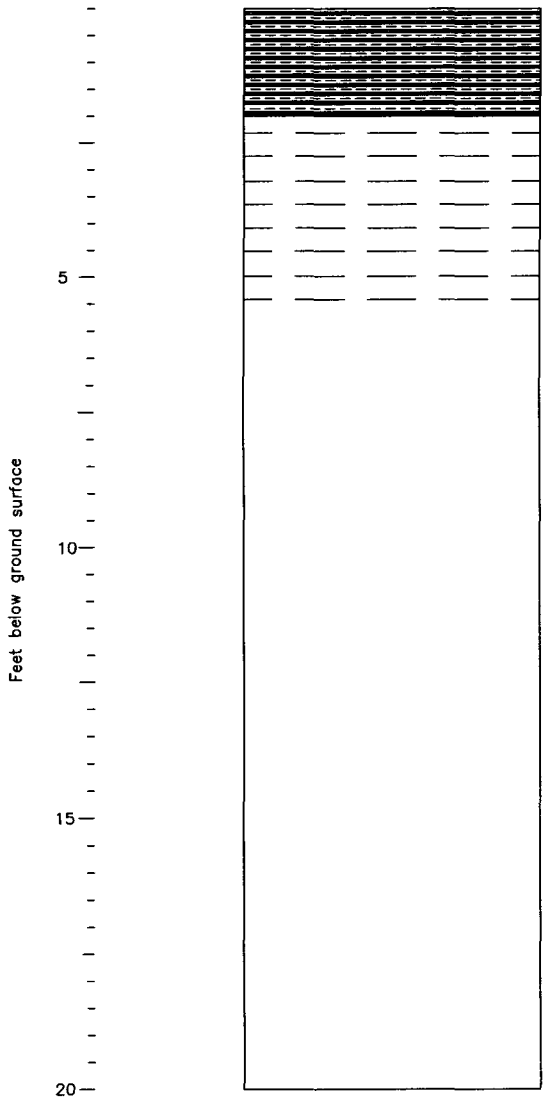
PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
0.0	Cuttings	2'		2' – Hard Limestone, No Moisture, No Odor 2' – Terminus Depth

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-16-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-08

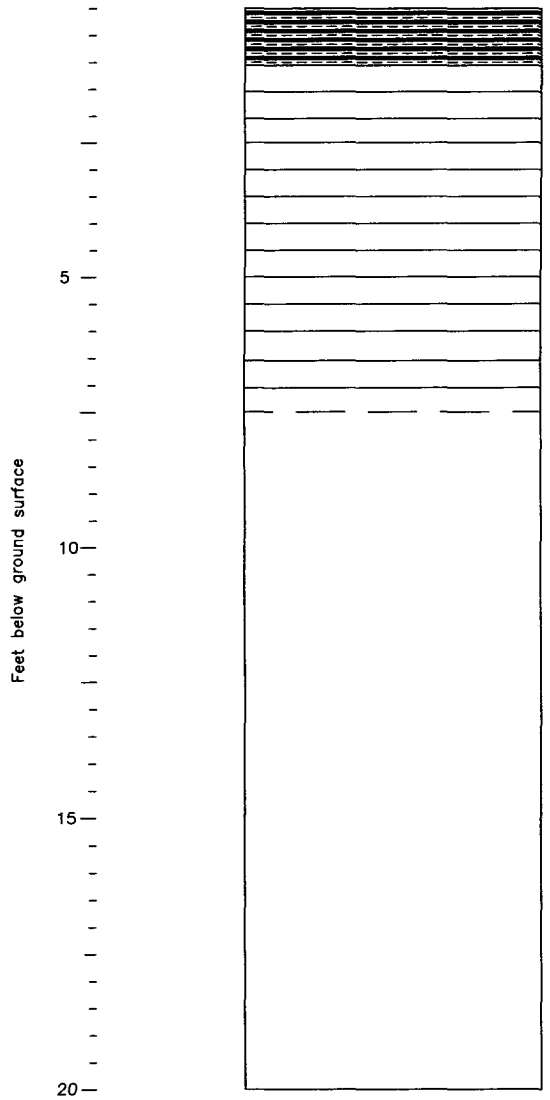


	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Tan Caliche, Hard Limestone, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Tan Caliche, Hard Limestone, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Tan Caliche, Hard Limestone, No Moisture, No Odor 5.5' – Terminus Depth

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00	Logger: Bo Vizcaino
Drilling Method: Air Rotary	Driller: Straub Corporation
Bit Diameter: 5-5/8 Inch	Date Completed: 8-16-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-09



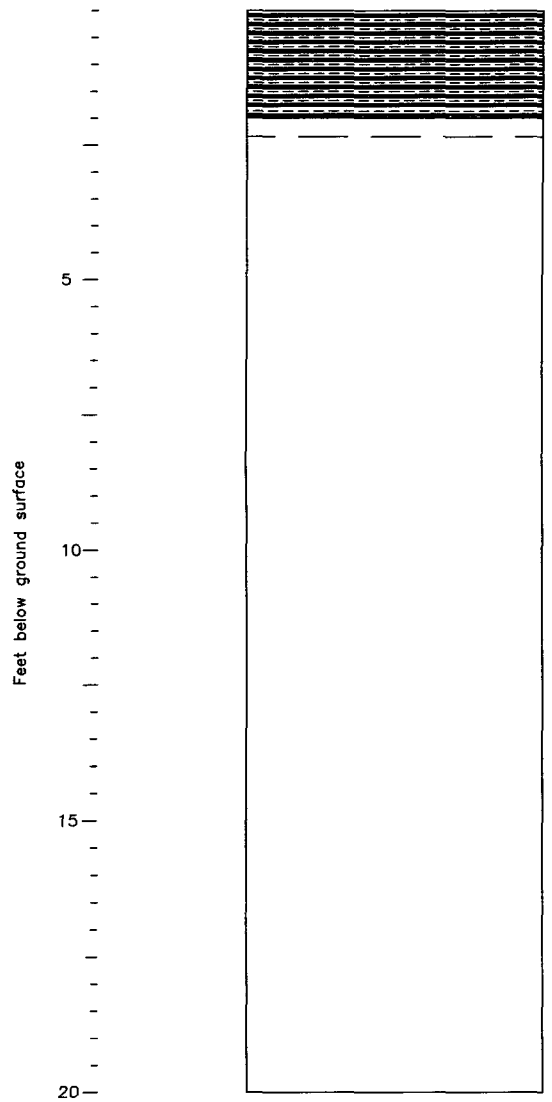
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Light Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Light Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Light Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor 7.5' – Tan Caliche, Hard Limestone, No Moisture, No Odor 7.5' – Terminus Depth
8'					
9'					
10'					
11'					
12'					
13'					
14'					
15					
16'					
17'					
18'					
19'					
20					

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-16-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-10



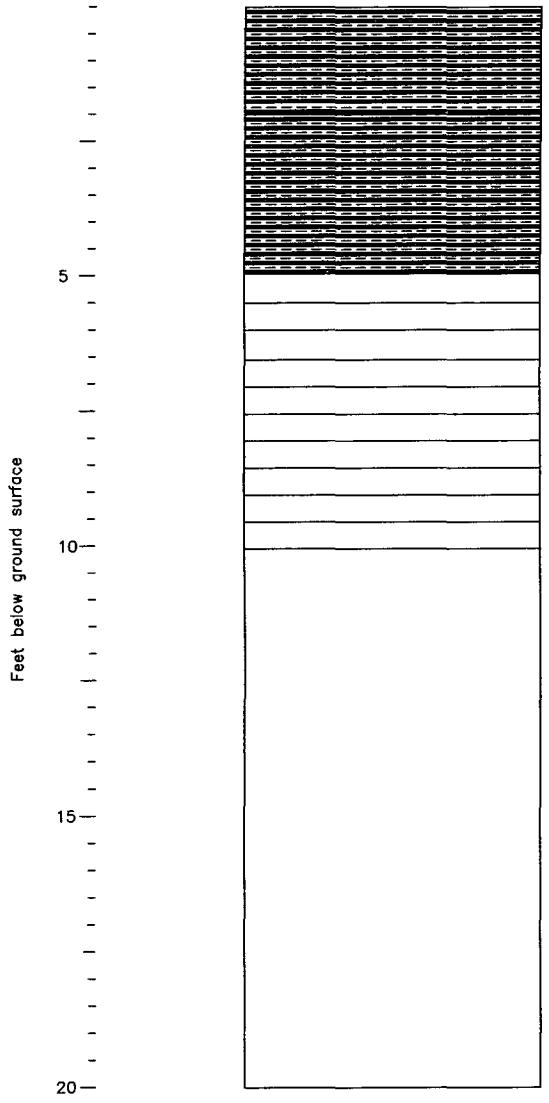
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
					2.5' – Tan Caliche, Hard Limestone, No Moisture, No Odor
					2.5' – Terminus Depth

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-16-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-11



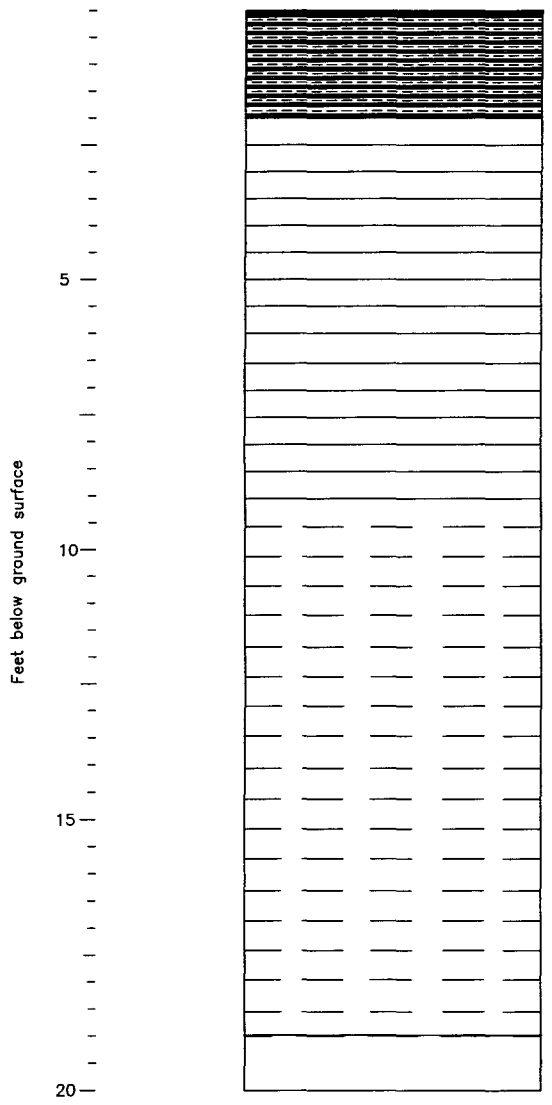
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Light Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Light Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor
8'	0.0	Cuttings	8'		8' – Light Brown Clay, No Moisture, No Odor
9'	0.0	Cuttings	9'		9' – Light Brown Clay, No Moisture, No Odor
10'	0.0	Cuttings	10'		10' – Tan Caliche, Hard Limestone, No Moisture, No Odor 10' – Terminus Depth

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-16-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-12



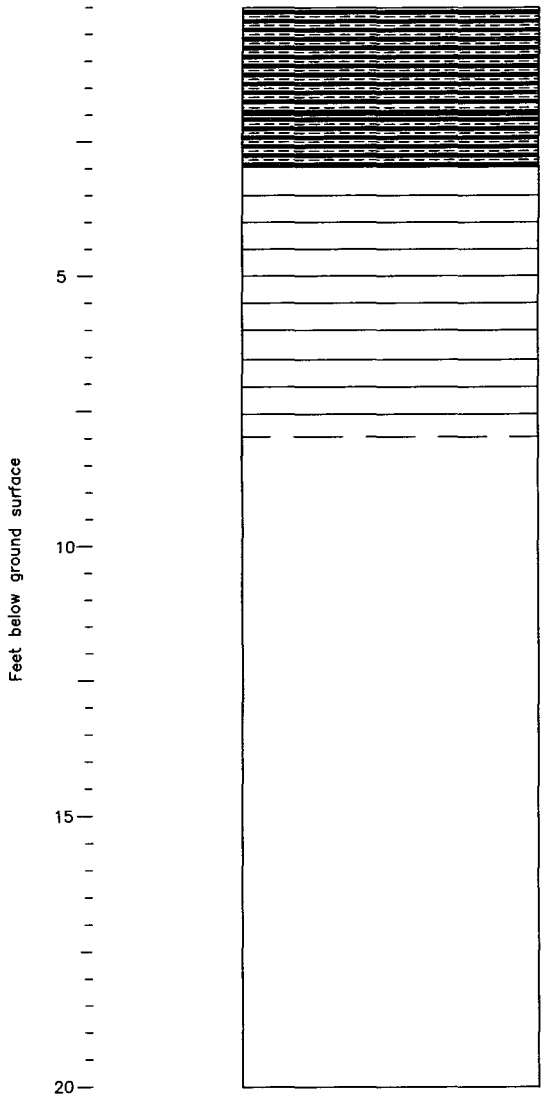
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
0–3"	0.0	Surface			0–3" Hard, Dark, Weathered Hydrocarbons, No Moisture, Slight Odor
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Light Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Light Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor
8'	0.0	Cuttings	8'		8' – Light Brown Clay, No Moisture, No Odor
9'	0.0	Cuttings	9'		9' – Light Brown Clay, No Moisture, No Odor
10'	0.0	Cuttings	10'		10' – Tan Caliche, Hard Limestone, No Moisture, No Odor
11'	0.0	Cuttings	11'		11' – Tan Caliche, Hard Limestone, No Moisture, No Odor
12'	0.0	Cuttings	12'		12' – Tan Caliche, Hard Limestone, No Moisture, No Odor
13'	0.0	Cuttings	13'		13' – Tan Caliche, Hard Limestone, No Moisture, No Odor
14'	0.0	Cuttings	14'		14' – Tan Caliche, Hard Limestone, No Moisture, No Odor
15	0.0	Cuttings	15'		15' – Tan Caliche, Hard Limestone, No Moisture, No Odor
16'	0.0	Cuttings	16'		16' – Tan Caliche, Hard Limestone, No Moisture, No Odor
17'	0.0	Cuttings	17'		17' – Tan Caliche, Hard Limestone, No Moisture, No Odor
18'	0.0	Cuttings	18'		18' – Tan Caliche, Hard Limestone, No Moisture, No Odor
19'	0.0	Cuttings	19'		19' – Tan Caliche, Hard Limestone, No Moisture, No Odor 19' – Terminus Depth
20					

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-16-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-13



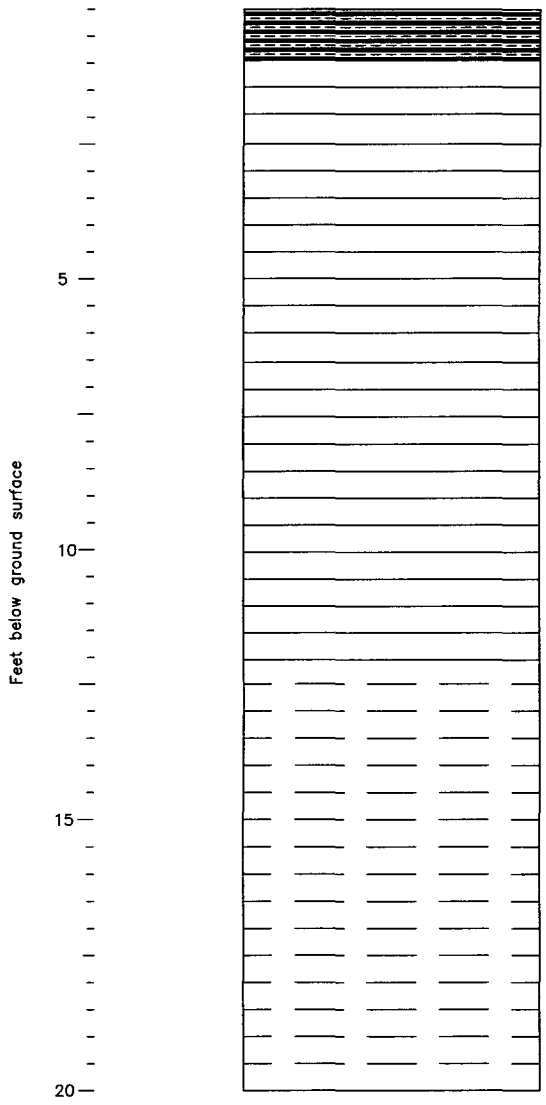
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Light Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Light Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor
8'	0.0	Cuttings	8'		8' – Tan Caliche, Hard Limestone, No Moisture, No Odor 8' – Terminus Depth

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-16-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-14



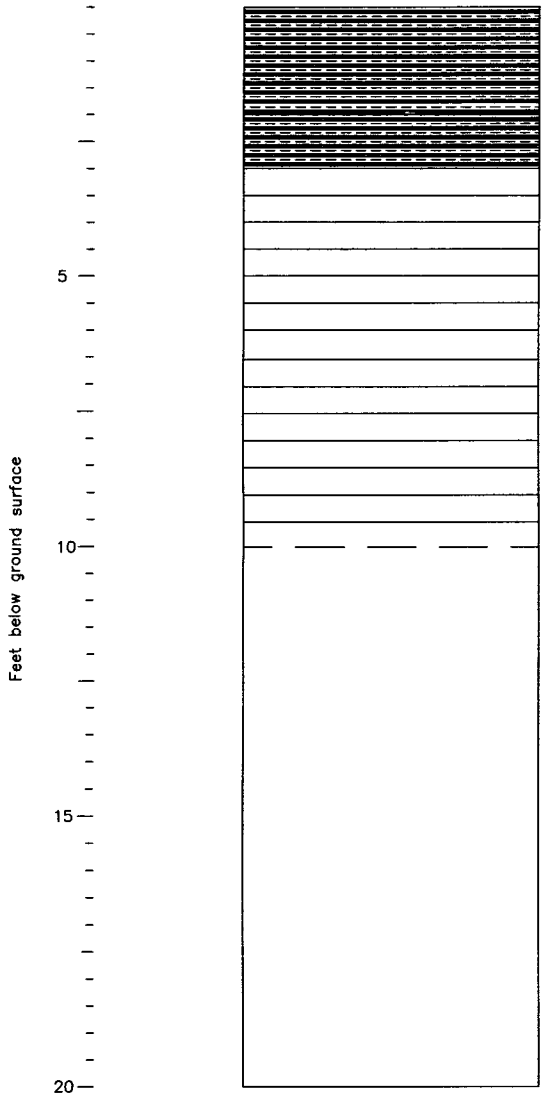
	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Light Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Light Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Light Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor
8'	0.0	Cuttings	8'		8' – Light Brown Clay, No Moisture, No Odor
9'	0.0	Cuttings	9'		9' – Light Brown Clay, No Moisture, No Odor
10'	0.0	Cuttings	10'		10' – Light Brown Clay, No Moisture, No Odor
11'	0.0	Cuttings	11'		11' – Light Brown Clay, No Moisture, No Odor
12'	0.0	Cuttings	12'		12' – Tan Caliche, Hard Limestone, No Moisture, No Odor
13'	0.0	Cuttings	13'		13' – Tan Caliche, Hard Limestone, No Moisture, No Odor
14'	0.0	Cuttings	14'		14' – Tan Caliche, Hard Limestone, No Moisture, No Odor
15	0.0	Cuttings	15'		15' – Tan Caliche, Hard Limestone, No Moisture, No Odor
16'	0.0	Cuttings	16'		16' – Tan Caliche, Hard Limestone, No Moisture, No Odor
17'	0.0	Cuttings	17'		17' – Tan Caliche, Hard Limestone, No Moisture, No Odor
18'	0.0	Cuttings	18'		18' – Tan Caliche, Hard Limestone, No Moisture, No Odor
19'	0.0	Cuttings	19'		19' – Tan Caliche, Hard Limestone, No Moisture, No Odor
20	0.0	Cuttings	20'		20' – Tan Caliche, Hard Limestone, No Moisture, No Odor

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-15-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-15



	PID Reading (ppm)	Sampling Device	Sample Interval (feet bgs)	USCS Symbol	Comments and Lithology
					0–2" – Hard, Dark, Weathered Hydrocarbons, No Moisture, No Odor
1'	0.0	Cuttings	1'		1' – Brown Clay, No Moisture, No Odor
2'	0.0	Cuttings	2'		2' – Brown Clay, No Moisture, No Odor
3'	0.0	Cuttings	3'		3' – Brown Clay, No Moisture, No Odor
4'	0.0	Cuttings	4'		4' – Light Brown Clay, No Moisture, No Odor
5	0.0	Cuttings	5'		5' – Light Brown Clay, No Moisture, No Odor
6'	0.0	Cuttings	6'		6' – Light Brown Clay, No Moisture, No Odor
7'	0.0	Cuttings	7'		7' – Light Brown Clay, No Moisture, No Odor
8'	0.0	Cuttings	8'		8' – Light Brown Clay, No Moisture, No Odor
9'	0.0	Cuttings	9'		9' – Light Brown Clay, No Moisture, No Odor
10'	0.0	Cuttings	10'		10' – Light Brown Clay, No Moisture, No Odor 10' – Terminus Depth
11'					
12'					
13'					
14'					
15					
16'					
17'					
18'					
19'					
20					

LP Environmental
Llano-Permian Environmental Services

Date: 8-22-00
Drilling Method: Air Rotary
Bit Diameter: 5-5/8 Inch

Logger: Bo Vizcaino
Driller: Straub Corporation
Date Completed: 8-15-00

Baker Petrolite Corporation
5624 Lovington Highway, Hobbs, NM
Subsurface Investigation
Soil Boring SB-16