DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 49TH FIGHTER WING (ACC)
HOLLOMAN AIR FORCE BASE, NEW MEXICO

HAFB

6 JAN 2004

MEMORANDUM FOR NEW MEXICO ENVIRONMENT DEPARTMENT
Attn: Ms. Maura Hanning
Groundwater Quality Bureau
1190 St. Francis Drive
Santa Fe, NM 87502

FROM: 49 CES/CEV
550 Tabosa Ave
Holloman AFB NM 88330-8458

SUBJECT: Transmittal of Quarterly Monitoring and Activity Report for the Petroleum Hydrocarbon Landfarm Old Fire Training Area (Site FT-31), Holloman AFB

1. Enclosed/attached please find the above referenced document concerning the landfarm operation at Holloman AFB. This report was prepared in accordance with the discharge application for landfarm operations dated June 2003 and the NMED temporary approval for discharge (landfarming operations) letter dated 22 August 2003.

2. If you have any questions, please contact Mr. Dan Holmquist at (505) 572-5395.

DAVID F. DeMARTINO, Lt Col, USAF
Base Civil Engineer

Attachment:
Quarterly Monitoring and Activity Report for the Petroleum Hydrocarbon Landfarm Old Fire Training Area (Site FT-31) Holloman AFB (1 copy)

cc (w/Atch)

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CERTIFIED MAIL RECEIPT NO. 7001 2510 0005 2338 0898
RETURNED RECEIPT REQUESTED

QUARTERLY MONITORING AND ACTIVITY REPORT FOR THE PETROLEUM HYDROCARBON LANDFARM OLD FIRE TRAINING AREA (SITE FT-31) HOLLOMAN AFB, NM

ENVIRONMENTAL FLIGHT
ENVIRONMENTAL RESTORATION PROGRAM
49 CES/CEV
550 TABOSA AVENUE
HOLLOMAN AFB, NM

DECEMBER, 2003

QUARTERLY MONITORING AND ACTIVITY REPORT
FOR THE
PETROLEUM HYDROCARBON LANDFARM
OLD FIRE TRAINING AREA (SITE FT-31)
HOLLOMAN AFB, NM

ENVIRONMENTAL FLIGHT
ENVIRONMENTAL RESTORATION PROGRAM
49 CES/CEV
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DECEMBER, 2003

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APPENDIX A Native Soil and Groundwater Laboratory Analytical Reports

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1.0 INTRODUCTION

On August 25, 2003 Holloman Air Force Base (New Mexico) was granted temporary permission to operate a petroleum hydrocarbon land farm at the closed Fire Training Area Site (FT-31) by the New Mexico Environment Department (NMED). The temporary permission requires that quarterly monitoring of subsurface conditions at the site (both soil and groundwater) be conducted in accordance with the approved discharge application and as requested in the authorization letter of August 25, 2003 to the Base Commander, Holloman AFB, NM. This quarterly report, covering operations at the land farm during the first quarter from August 25 to November 25, 2003 has been prepared in accordance with the discharge application and approval letter.

Section 2.0 presents a summary of the groundwater monitoring network and the analytical results from groundwater samples collected and submitted to the laboratory for analysis. Section 3.0 presents the analytical results from soil samples collected from the native material beneath the landfarm after one quarter of operation. Section 4.0 contains a summary of the landfarm treatment sample analytical results and the volume of soil treated at the landfarm during the quarter. References are contained in Section 5.0.

2.0 GROUNDWATER MONITORING RESULTS

The groundwater monitoring network at the landfarm is comprised of 6 wells. Four (4) monitoring wells labeled LF-01, LF-02, LF-03, and LF-04 were installed as described in Section 4.2 of the Discharge Application for Landfarming at FT-31 (Bhate, 2003). Additionally, two nearby and existing monitoring wells labeled as MW-7 and MW-10 from previous investigations were incorporated into the monitoring network. A summary of well construction, depths to water and groundwater elevations for each well are presented in Table 1. The wells were gauged and sampled on November 18, 2003. Figure 1 is a groundwater table contour map prepared with the elevation data presented in Table 1. Based upon the November 18, 2003 gauging data, a very weak (0.0015) southeasterly groundwater flow direction is indicated for the immediate area of the landfarm. However, the flow direction across the base is southwesterly.

Six (6) groundwater samples (plus one duplicate sample) were collected from monitoring wells LF-01 through LF-04, MW-7 and MW-10 on November 18, 2003. All wells were purged of three standing well volumes prior to sample collection. The samples were collected with disposable Teflon bailers and monofilament line as indicated in the Discharge Application for Landfarming at FT-31. Groundwater samples collected from each well were placed on ice, cooled to 4 degrees centigrade and submitted under strict chain-of-custody to Associated Laboratories, Inc. in Orange, California. The groundwater samples

were analyzed for total dissolved solids (TDS) by Method 160.1, volatile organic compounds (VOCs) by Method 8260B and semi-volatile organic compounds (SVOCs) by Method 8270C. Table 2 summarizes the groundwater analytical results. Laboratory Analytical reports for the groundwater samples are presented in Appendix A.

TDS was identified in groundwater samples in concentrations ranging between 18,300 mg/L to 23,300 mg/L. No VOC constituents were identified in the groundwater samples. No SVOCs were identified in groundwater samples from these wells.

3.0 NATIVE SOIL SAMPLING AND ANALYTICAL RESULTS

Two (2) soil samples (one from each cell) were collected from the native soil in the bottom of the landfarm. The sample locations were randomly selected from the grid pattern presented in Section 4.0. The soil samples were collected with a decontaminated split-spoon sampler from 0 to 2 feet below the ground surface. Soil samples collected from each well were placed on ice, cooled to 4 degrees centigrade and submitted under strict chain-of-custody to Associated Laboratories, Inc. in Orange, California. The soil samples were analyzed for fractionated petroleum hydrocarbons by Method 8015 (Carbon Chain), volatile organic compounds (VOCs) by Method 8260B and semi-volatile organic compounds (SVOCs) by Method 8270C. Table 3 summarizes the soil analytical results. Laboratory Analytical reports for the soil samples are presented in Appendix A.

No petroleum hydrocarbons were identified in the samples submitted for analysis. No VOCs or SVOCs were identified in the native soil samples collected at the landfarm.

4.0 SUMMARY OF ACTIVITY AND TREATMENT SAMPLE ANALYTICAL RESULTS

The landfarm is configured into two cells separated by a berm. The cells are labeled A (east) and B (west). Figure 2 is a series of schematic maps identifying the locations of the treatment soil samples collected from each lift, the approximately concentration of hydrocarbons present in the soil prior to treatment, and the volume of soil treated in each lift.

Between August 25, 2003 and November 20, 2003, a total of five (5) 6-inch deep lifts were placed in the landfarm for treatment. Each lift ranged between 1357 and 1444 cubic yards. When each lift was successfully treated, it was removed from the cell and a new lift was placed for treatment. Each lift was tested before removal from the treatment cells in accordance with the approval letter. Four (4)

lifts ranging in size between 1380 cubic yards and 1444 cubic yards were treated. Table 4 is a summary of the manifests for each truckload of soil removed from the BX service station site (old base gasoline station) and transported to the landfarm.

The first lift was placed in the landfarm between August 25 and 28, 2003. The soil was tilled daily and screened with a photoionization detector (PID) to measure treatment progress. On September 2, 2003, the treatment samples were collected and submitted to Pinnacle laboratories, Inc. in Albuquerque, New Mexico. The samples were analyzed for petroleum hydrocarbons, VOCs and SVOCs. Table 5 is a summary of the treatment soil samples. Petroleum hydrocarbons ranged between 7 mg/Kg and 190 mg/Kg and all VOC or SVOC constituents were either not detected or significantly below the New Mexico residential treatment standards.

The second lift was placed in the landfarm between September 6 and September 7, 2003. The soil was tilled twice daily and screened with a photoionization detector (PID) to measure treatment progress. Temperatures at the landfarm exceeded 100 degrees every day. On September 9, 2003, the treatment samples were collected and submitted to Pinnacle laboratories, Inc. in Albuquerque, New Mexico. The samples were analyzed for petroleum hydrocarbons, VOCs and SVOCs. Table 6 is a summary of the treatment soil samples. Petroleum hydrocarbons ranged between <100 mg/Kg and 362 mg/Kg and all VOC or SVOC constituents were either not detected or significantly below the New Mexico residential treatment standards.

The third lift was placed in the landfarm on September 10, 2003. The soil was tilled daily and screened with a photoionization detector (PID) to measure treatment progress. Temperatures at the landfarm exceeded 100 degrees every day. On September 15, 2003, the treatment samples were collected and submitted to Pinnacle laboratories, Inc. in Albuquerque, New Mexico. The samples were analyzed for petroleum hydrocarbons, VOCs and SVOCs. Table 7 is a summary of the treatment soil samples. Petroleum hydrocarbons ranged between <10 mg/Kg and 108 mg/Kg and all VOC or SVOC constituents were either not detected or significantly below the New Mexico residential treatment standards.

The fourth lift was placed in the landfarm between September 16 and September 17, 2003. The soil was tilled daily and screened with a photoionization detector (PID) to measure treatment progress. On September 22, 2003, the treatment samples were collected and submitted to Pinnacle laboratories, Inc. in Albuquerque, New Mexico. The samples were analyzed for petroleum hydrocarbons, VOCs and SVOCs. Table 8 is a summary of the treatment soil samples. Petroleum hydrocarbons ranged between <10 mg/Kg and 131 mg/Kg and all VOC or SVOC constituents were either not detected or significantly below the New Mexico residential treatment standards.

The fifth lift was placed in the landfarm on September 23, 2003. The soil was tilled daily and screened with a photoionization detector (PID) to measure treatment progress. On September 29, 2003, the treatment samples were collected and submitted to Pinnacle laboratories, Inc. in Albuquerque, New Mexico. The samples were analyzed for petroleum hydrocarbons, VOCs and SVOCs. Table 9 is a summary of the treatment soil samples. Petroleum hydrocarbons ranged between <10 mg/Kg and 142 mg/Kg and all VOC or SVOC constituents were either not detected or significantly below the New Mexico residential treatment standards.

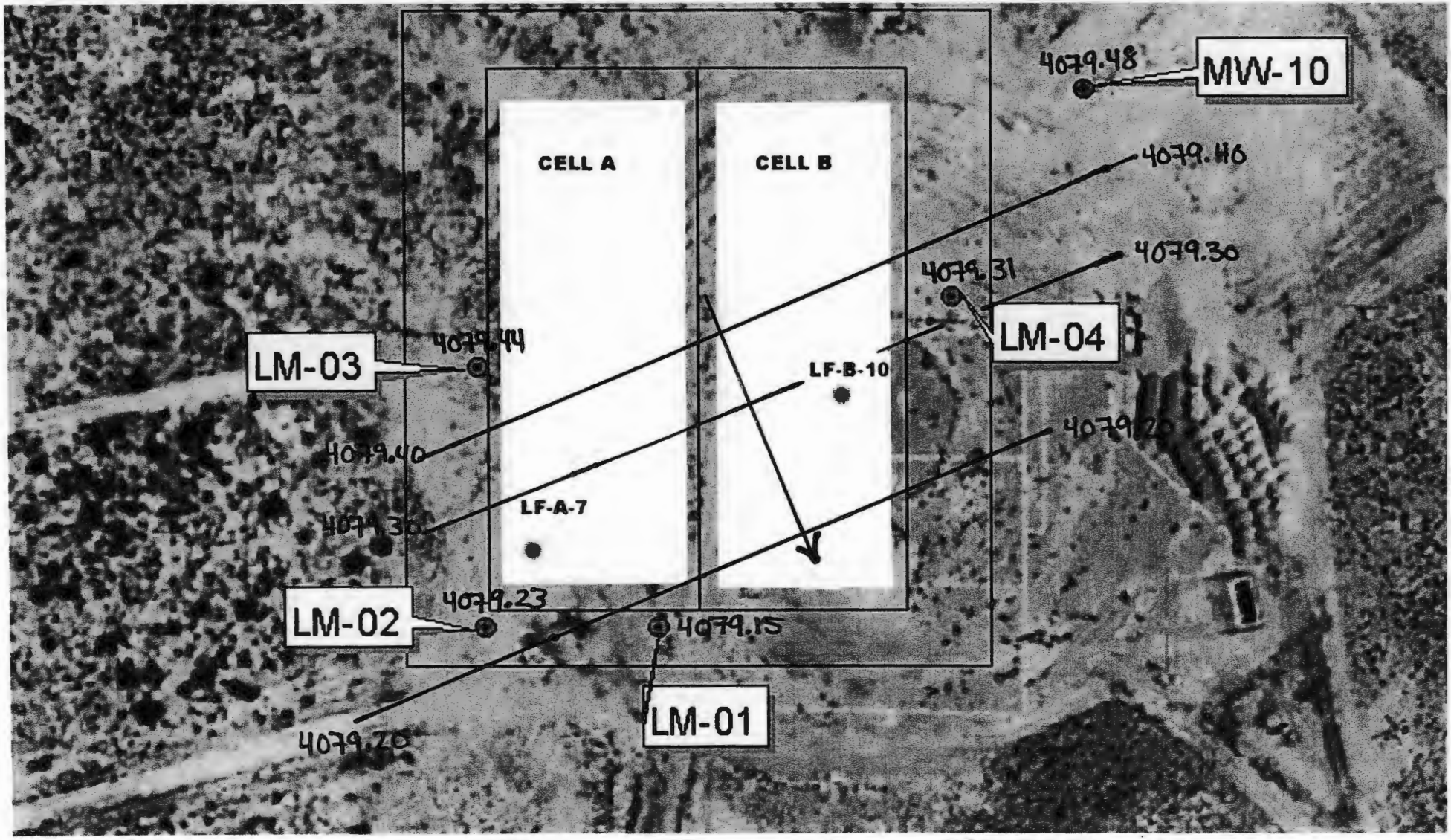
No water was added to the lifts before, during or after each treatment. Presently, the landfarm is empty with no treatment lifts present. Resumption of activities is scheduled for late January 2004.

5.0 REFERENCES

Bhate, 2003 Supplemental Information, Discharge Application for Landfarming Petroleum Hydrocarbon Contaminated Soil at the Former Fire Training Area FT-31, Holloman AFB, NM.

NMED, 2003 August 22, 2003, NMED Letter Approving Temporary Discharge/ Operation of the Landfarm.

FIGURES



0 90 180 270 360 Feet

N
W E
S

● LF-B-10
SOIL SAMPLE LOCATION AND NUMBER

FLOW DIRECTION

FIGURE 1 LANDFARM AND GROUNDWATER COUNTOUR MAP
NOVEMBER 2003.

FIGURE 2
SCHEMATIC MAPS OF LANDFARM CELLS AND TREATMENT SOIL SAMPLING LOCATIONS

Lift 1 **Approx. 1: 380 yds**

Installed: 8/25-8/28
Sampled: 9/2
Removed A&B: 9/5-9/6

Total retention time: 268 Hrs
Total tilling time: 27 Hrs
Water added: None

PLACEMENT

A	B

Random Sample Locations

A		B	
A1	**A8**	B1	**B8**
A2	A9	B2	B9
A3	A10	B3	**A10**
A4	A11	B4	B11
A5	A12	B5	**B12**
A6	A13	**B6**	B13
A7	A14	B7	B14

Lift 2 **Approx. 1357 yds**

Installed A: 9/6
Installed B: 9/7
Sampled: 9/9
Removed: 9/10

Total retention time: 96 Hrs
Total tilling time: 24 hrs
Water added: None

A	B
Berm 1 G-934 D-186 O-<100	Berm 4 G-84 D-16 O-<5
Berm 2 G-490 D-70 O-<100	Berm 5 G-135 D-28 O-5
Berm 3 G-362 D-58 O-<50	Berm 6 G-490 D-87 O-<100

A		B	
A1	A2	B1	B2
A3	A4	**B3**	B4
A5	A6	B5	A6
A7	A8	B7	**B8**
A9	A10	B9	B10
A11	A12	**B11**	B12
A13	A14	B13	**B14**

Lift 3 **Approx. 1431 yds**

Installed: 9/10
Sampled: 9/15
Removed: 9/16-9/17

Total retention time: 168 Hrs
Total tilling time:
Water added: None

A		B
Berm 7 G-93 D-49 O-<5		Berm 11 G-107 D-11.6 O-<5
Berm 8 G-39 D-12 O-<5	Berm 10 G-47 D-4.6 O-<5	Berm 12 G-175 D-35 O-<5
Berm 9 G-1,226 D-105 O-<250		Berm 13 G-206 D-36 O-<5

A		B	
A1	A2	B1	**B2**
A3	A4	B3	B4
A5	**A6**	B5	**A6**
A7	A8	B7	B8
A9	A10	B9	B10
A11	A12	**B11**	B12
A13	**A14**	**B13**	B14

Lift 4 **Approx. 1404 yds**

Installed A: 9/16
Installed B: 9/17
Sampled: 9/22
Removed: 9/22

Total retention time:
Total tilling time:
Water added: None

Berm 24 consists of spoils from previous berm removals.

A		B
Berm 14 G-<3 D-<3 O-<5		Berm 17 G-37 D-5.8 O-15
Berm 15 G-73 D-10 O-19	Berm 24 G-133 D-9.3 O-5.9	Berm 18 G-23 D-3.7 O-<5
Berm 16 G-45 D-7 O-<5		Berm 19 G-899 D-38 O-<100

A		B	
A1	**A2**	B1	**B2**
A3	A4	B3	B4
A5	**A6**	B5	**A6**
A7	A8	B7	B8
A9	A10	B9	**B10**
A11	A12	B11	B12
A13	A14	**B13**	B14

Lift 5 **Approx. 1444 yds**

Installed: 9/23
Sampled: 9/29
Removed: ??

Total retention time:
Total tilling time:
Water added: None

Berms 23, 25, 26 and 27 consist of spoils from previous berm removals.

A		B
Berm 20 G-152 D-58 O-<5		Berm 23 G-1,331 D-151 O-<100
Berm 21 G-2,744 D-350 O-<250	Berm 27 G- D- O-	Berm 25 G-46 D-38 O-12
Berm 22 G-655 D-110 O-<100		Berm 26 G- D- O-

A		B	
A1	**A2**	B1	B2
A3	A4	**B3**	B4
A5	A6	B5	**A6**
A7	A8	B7	B8
A9	A10	B9	B10
A11	A12	**B11**	B12
A13	**A14**	B13	**B14**

TABLES

TABLE 1
SUMMARY OF
LANDFARM MONITORING WELL CONSTRUCTION
FT-31 LANDFARM
HOLLOMAN AFB, NM

Well No.	Well[1] Depth	Measuring Point Elevation[1] (Ft) NGVD	Date Surveyed	Elevation of Well Screen Interval (Ft) NGVD	Depth To[1] Water (Ft)	Date Measured	Groundwater Elevation (Ft) NGVD
LM-01	35.86	4102.57	12/5/2003	44069.61 to 4079.61	23.42	8/25/2003	4079.15
LM-02	37.5	4102.4	12/5/2003	4070.06 to 4080.06	23.17	8/25/2003	4079.23
LM-03	36.19	4102.15	12/5/2003	4069.70 to 4079.70	22.71	8/25/2003	4079.44
LM-04	35.86	4103.33	12/5/2003	4068.86 to 4078.86	24.02	8/25/2003	4079.31
MW-7	38.4	4101.95	12/5/2003	4068.51 to 4083.51	22.04	8/26/2003	4079.91
MW-10	36.73	4102.95	12/5/2003	4067 02 to 4082.02	23.47	8/26/2003	4079.48

Notes: 1. Measured from top of casing.

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
QUARTER 1 NOVEMBER 2003
FT-31 LANDFARM
HOLLOMAN AFB, NM

WELL NO.	LM-01	LM-02	LM-03	LM-04	MW-7	MW-10	MW-10B
Laboratory Order #	478880	478881	478882	478883	478899	478900	478901
Date Sampled							
Total Dissolved Solids Method 160.1 mg/L	**23300**	**21850**	**18300**	**22340**	**20420**	**22000**	**23130**
Volatile Organic Compounds Method 8260B µg/L All Constituents	ND	ND	ND	ND	ND	ND	ND
Semi-volatile Organic Compounds Method 8270C µg/L All Constituents	ND	ND	ND	ND	ND	ND	ND

Notes: 1. ND= not detected. Value was not quantified in excess of reporting limit.
2. All constituents refers to the list of analytes in either the 8260B and 8270C methodology
3. MW-10B is a duplicate sample of MW-10

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS FROM NATIVE SOIL BENEATH THE FT-31 LANDFARM QUARTER 1 NOVEMBER 2003 HOLLOMAN AFB, NM

SOIL SAMPLE NO.	LF-A-7	LF-A-7B [3]	LF-A-7B
Laboratory Order #	478903	478904	478902
DATE SAMPLED	11/18/2003	11/18/2003	11/18/2003
DEPTH OF SAMPLE (FT) BELOW GROUND SURFACE	0-2	0-2	0-2
METHOD 8015 CARBON CHAIN mg/Kg			
C_6 to C_{10}	<3	<3	<3
C_{10} to C_{22}	<3	<3	<3
C_{22} to C_{36}	<3	<3	<3
Volatile Organic Compounds Method 8260B µg/Kg [2] All Constituents	ND [1]	ND	ND
Semi-volatile Organic Compounds Method 8270C µg/Kg [2] All Constituents	ND	ND	ND

Notes: 1. ND= not detected. Value was not quantified in excess of reporting limit.
2. All constituents refers to the list of analytes in either the 8260B and 8270C methodology
3. Sample LF-A-7B is a split-duplicate of LF-A-7

TABLE 4
SUMMARY OF LANDFARM
SOIL MANIFESTS AND TRACKING

	Manifest #	Date	Time	Truck #	CY of Soil	Holding Berm	Placement Date	Landfarm Cell Location	Placement Date	Removal Date
1	H0001	25-Aug-03	901	214	20.0	n/a	n/a	Cell A	25-Aug-03	5-Sep-03
2	H0002	25-Aug-03	925	84	20.0	n/a	n/a	Cell A	25-Aug-03	5-Sep-03
3	H0003	25-Aug-03	956	205	20.0	n/a	n/a	Cell A	25-Aug-03	5-Sep-03
4	H0004	25-Aug-03	1046	206	20.0	n/a	n/a	Cell A	25-Aug-03	5-Sep-03
5	H0005	26-Aug-03	1015	84	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
6	H0006	26-Aug-03	1105	214	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
7	H0007	26-Aug-03	1130	206	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
8	H0008	26-Aug-03	1158	205	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
9	H0009	26-Aug-03	1220	206	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
10	H0010	26-Aug-03	1251	214	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
11	H0011	26-Aug-03	1315	84	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
12	H0012	26-Aug-03	1340	205	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
13	H0013	26-Aug-03	1357	206	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
14	H0014	26-Aug-03	1440	214	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
15	H0015	26-Aug-03	1410	84	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
16	H0016	26-Aug-03	1501	206	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
17	H0017	26-Aug-03	1515	214	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
18	H0018	26-Aug-03	1540	84	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
19	H0019	26-Aug-03	1558	206	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
20	H0020	26-Aug-03	1605	214	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
21	H0021	26-Aug-03	1608	84	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
22	H0022	26-Aug-03	1623	206	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
23	H0023	26-Aug-03	1625	214	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
24	H0024	26-Aug-03	1635	84	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
25	H0025	26-Aug-03	1645	206	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
26	H0026	26-Aug-03	1655	84	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
27	H0027	26-Aug-03	1700	214	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
28	H0028	26-Aug-03	1708	206	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
29	H0029	26-Aug-03	1712	205	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
30	H0030	26-Aug-03	1720	84	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
31	H0031	26-Aug-03	1725	214	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
32	H0032	26-Aug-03	1735	206	20.0	n/a	n/a	Cell A	26-Aug-03	5-Sep-03
33	H0033	27-Aug-03	835	206	20.0	n/a	n/a	Cell A	27-Aug-03	5-Sep-03
34	H0034	27-Aug-03	838	84	20.0	n/a	n/a	Cell A	27-Aug-03	5-Sep-03
35	H0035	27-Aug-03	845	214	20.0	n/a	n/a	Cell A	27-Aug-03	5-Sep-03
36	H0036	27-Aug-03	1025	205	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
37	H0037	27-Aug-03	1045	206	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
38	H0038	27-Aug-03	1055	84	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
39	H0039	27-Aug-03	1105	214	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
40	H0040	27-Aug-03	930	205	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
41	H0041	27-Aug-03	945	206	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
42	H0042	27-Aug-03	1000	84	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
43	H0043	27-Aug-03	1010	214	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
44	H0044	27-Aug-03	852	205	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
45	H0045	27-Aug-03	910	206	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
46	H0046	27-Aug-03	918	84	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
47	H0047	27-Aug-03	1115	214	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
48	H0048	27-Aug-03	1118	205	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
49	H0049	27-Aug-03	1140	206	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
50	H0050	27-Aug-03	1148	84	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
51	H0051	27-Aug-03	1200	214	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
52	H0052	27-Aug-03	1210	205	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
53	H0053	27-Aug-03	1225	206	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
54	H0054	27-Aug-03	1301	84	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
55	H0055	27-Aug-03	1245	214	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
56	H0056	27-Aug-03	1315	205	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
57	H0057	27-Aug-03	1320	206	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
58	H0058	27-Aug-03	1335	84	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
59	H0059	27-Aug-03	1400	214	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
60	H0060	27-Aug-03	1415	205	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
61	H0061	27-Aug-03	1430	206	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
62	H0062	27-Aug-03	1445	84	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
63	H0063	27-Aug-03	1500	214	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
64	H0064	27-Aug-03	1508	205	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
65	H0065	27-Aug-03	1522	206	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03

TABLE 4
SUMMARY OF LANDFARM
SOIL MANIFESTS AND TRACKING

	Manifest #	Date	Time	Truck #	CY of Soil	Holding Berm	Placement Date	Landfarm Cell Location	Placement Date	Removal Date
66	H0066	27-Aug-03	1528	84	20.0	n/a	n/a	Cell B	27-Aug-03	6-Sep-03
67	H0067	28-Aug-03	1105	206	20.0	n/a	n/a	Cell B	28-Aug-03	6-Sep-03
68	H0068	28-Aug-03	1110	84	20.0	n/a	n/a	Cell B	28-Aug-03	6-Sep-03
69	H0069	28-Aug-03	1120	214	20.0	n/a	n/a	Cell B	28-Aug-03	6-Sep-03
70	H0070	28-Aug-03	1128	205	20.0	Berm 1	28-Aug-03	Cell A	6-Sep-03	10-Sep-03
71	H0071	28-Aug-03	1135	206	20.0	Berm 1	28-Aug-03	Cell A	6-Sep-03	10-Sep-03
72	H0072	28-Aug-03	1138	84	20.0	Berm 1	28-Aug-03	Cell A	6-Sep-03	10-Sep-03
73	H0073	28-Aug-03	1150	214	20.0	Berm 1	28-Aug-03	Cell A	6-Sep-03	10-Sep-03
74	H0074	28-Aug-03	1155	205	20.0	Berm 1	28-Aug-03	Cell A	6-Sep-03	10-Sep-03
75	H0075	28-Aug-03	1200	206	20.0	Berm 1	28-Aug-03	Cell A	6-Sep-03	10-Sep-03
76	H0076	28-Aug-03	1203	84	20.0	Berm 1	28-Aug-03	Cell A	6-Sep-03	10-Sep-03
77	H0077	29-Aug-03	928	214	20.0	Berm 1	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
78	H0078	29-Aug-03	931	84	20.0	Berm 1	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
79	H0079	29-Aug-03	936	206	20.0	Berm 1	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
80	H0080	29-Aug-03	945	205	20.0	Berm 1	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
81	H0081	29-Aug-03	1013	214	20.0	Berm 1	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
82	H0082	29-Aug-03	1015	84	20.0	Berm 1	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
83	H0083	29-Aug-03	1020	206	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
84	H0084	29-Aug-03	1025	205	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
85	H0085	29-Aug-03	1040	214	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
86	H0086	29-Aug-03	1043	84	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
87	H0087	29-Aug-03	1046	206	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
88	H0088	29-Aug-03	1055	205	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
89	H0089	29-Aug-03	1105	214	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
90	H0090	29-Aug-03	1109	84	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
91	H0091	29-Aug-03	1115	206	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
92	H0092	29-Aug-03	1120	205	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
93	H0093	29-Aug-03	1132	214	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
94	H0094	29-Aug-03	1135	84	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
95	H0095	29-Aug-03	1145	206	20.0	Berm 2	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
96	H0096	29-Aug-03	1150	205	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
97	H0097	29-Aug-03	1204	214	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
98	H0098	29-Aug-03	1205	84	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
99	H0099	29-Aug-03	1210	206	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
100	H0100	29-Aug-03	1217	205	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
101	H0101	29-Aug-03	1230	214	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
102	H0102	29-Aug-03	1240	206	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
103	H0103	29-Aug-03	1310	205	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
104	H0104	29-Aug-03	1315	214	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
105	H0105	29-Aug-03	1320	206	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
106	H0106	29-Aug-03	1332	84	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
107	H0107	29-Aug-03	1342	205	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
108	H0108	29-Aug-03	1350	214	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
109	H0109	29-Aug-03	1355	206	20.0	Berm 3	29-Aug-03	Cell A	6-Sep-03	10-Sep-03
110	H0110	2-Sep-03	900	84	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
111	H0111	2-Sep-03	905	206	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
112	H0112	2-Sep-03	910	214	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
113	H0113	2-Sep-03	935	214	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
114	H0114	2-Sep-03	940	206	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
115	H0115	2-Sep-03	947	84	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
116	H0116	2-Sep-03	1005	214	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
117	H0117	2-Sep-03	1005	206	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
118	H0118	2-Sep-03	1012	84	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
119	H0119	2-Sep-03	1035	214	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
120	H0120	2-Sep-03	1044	206	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
121	H0121	2-Sep-03	1047	84	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
122	H0122	2-Sep-03	1050	84	20.0	Berm 4	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
123	H0123	2-Sep-03	1055	205	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
124	H0124	2-Sep-03	1108	214	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
125	H0125	2-Sep-03	1110	206	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
126	H0126	2-Sep-03	1116	84	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
127	H0127	2-Sep-03	1135	214	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
128	H0128	2-Sep-03	1143	206	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
129	H0129	2-Sep-03	1146	84	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
130	H0130	2-Sep-03	1234	214	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03

TABLE 4
SUMMARY OF LANDFARM
SOIL MANIFESTS AND TRACKING

	Manifest #	Date	Time	Truck #	CY of Soil	Holding Berm	Placement Date	Landfarm Cell Location	Placement Date	Removal Date
131	H0131	2-Sep-03	1234	84	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
132	H0132	2-Sep-03	1243	210	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
133	H0133	2-Sep-03	1300	214	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
134	H0134	2-Sep-03	1305	84	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
135	H0135	2-Sep-03	1315	205	20.0	Berm 5	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
136	H0136	2-Sep-03	1320	210	20.0	Berm 6	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
137	H0137	2-Sep-03	1325	214	20.0	Berm 6	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
138	H0138	2-Sep-03	1330	84	20.0	Berm 6	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
139	H0139	2-Sep-03	1340	205	20.0	Berm 6	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
140	H0140	2-Sep-03	1347	210	20.0	Berm 6	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
141	H0141	2-Sep-03	1356	214	20.0	Berm 6	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
142	H0142	2-Sep-03	1400	84	20.0	Berm 6	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
143	H0143	2-Sep-03	1405	205	20.0	Berm 6	2-Sep-03	Cell B	7-Sep-03	10-Sep-03
144	H0144	3-Sep-03	900	210	20.0	Berm 6	3-Sep-03	Cell B	7-Sep-03	10-Sep-03
145	H0145	3-Sep-03	907	214	20.0	Berm 6	3-Sep-03	Cell B	7-Sep-03	10-Sep-03
146	H0146	3-Sep-03	908	84	20.0	Berm 6	3-Sep-03	Cell B	7-Sep-03	10-Sep-03
147	H0147	3-Sep-03	915	205	20.0	Berm 6	3-Sep-03	Cell B	7-Sep-03	10-Sep-03
148	H0148	3-Sep-03	930	210	20.0	Berm 6	3-Sep-03	Cell B	7-Sep-03	10-Sep-03
149	H0149	3-Sep-03	933	214	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
150	H0150	3-Sep-03	937	84	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
151	H0151	3-Sep-03	942	205	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
152	H0152	3-Sep-03	955	210	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
153	H0153	3-Sep-03	1000	214	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
154	H0154	3-Sep-03	1004	84	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
155	H0155	3-Sep-03	1010	205	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
156	H0156	3-Sep-03	1020	210	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
157	H0157	3-Sep-03	1027	214	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
158	H0158	3-Sep-03	1031	84	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
159	H0159	3-Sep-03	1035	205	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
160	H0160	3-Sep-03	1040	210	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
161	H0161	3-Sep-03	1052	84	20.0	Berm 7	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
162	H0162	3-Sep-03	1055	214	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
163	H0163	3-Sep-03	1059	205	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
164	H0164	3-Sep-03	1103	210	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
165	H0165	3-Sep-03	1117	84	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
166	H0166	3-Sep-03	1135	214	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
167	H0167	3-Sep-03	1140	205	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
168	H0168	3-Sep-03	1145	210	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
169	H0169	3-Sep-03	1150	84	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
170	H0170	3-Sep-03	1247	205	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
171	H0171	3-Sep-03	1250	210	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
172	H0172	3-Sep-03	1255	214	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
173	H0173	3-Sep-03	1300	84	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
174	H0174	3-Sep-03	1311	205	20.0	Berm 8	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
175	H0175	3-Sep-03	1310	210	20.0	Berm 9	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
176	H0176	3-Sep-03	1320	214	20.0	Berm 9	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
177	H0177	3-Sep-03	1323	84	20.0	Berm 9	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
178	H0178	3-Sep-03	1340	205	20.0	Berm 9	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
179	H0179	3-Sep-03	1345	210	20.0	Berm 9	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
180	H0180	3-Sep-03	1350	214	20.0	Berm 9	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
181	H0181	3-Sep-03	1405	205	20.0	Berm 9	3-Sep-03	Cell A	10-Sep-03	16-Sep-03
182	H0182	4-Sep-03	835	206	20.0	Berm 9	4-Sep-03	Cell A	10-Sep-03	16-Sep-03
183	H0183	4-Sep-03	840	214	20.0	Berm 9	4-Sep-03	Cell A	10-Sep-03	16-Sep-03
184	H0184	4-Sep-03	855	84	20.0	Berm 9	4-Sep-03	Cell A	10-Sep-03	16-Sep-03
185	H0185	4-Sep-03	900	205	20.0	Berm 9	4-Sep-03	Cell A	10-Sep-03	16-Sep-03
186	H0186	4-Sep-03	905	206	20.0	Berm 9	4-Sep-03	Cell A	10-Sep-03	16-Sep-03
187	H0187	4-Sep-03	910	214	20.0	Berm 9	4-Sep-03	Cell A	10-Sep-03	16-Sep-03
188	H0188	4-Sep-03	917	84	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03
189	H0189	4-Sep-03	924	205	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03
190	H0190	4-Sep-03	929	206	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03
191	H0191	4-Sep-03	936	214	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03
192	H0192	4-Sep-03	941	84	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03
193	H0193	4-Sep-03	950	205	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03
194	H0194	4-Sep-03	954	206	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03
195	H0195	4-Sep-03	1000	214	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03

TABLE 4
SUMMARY OF LANDFARM
SOIL MANIFESTS AND TRACKING

	Manifest #	Date	Time	Truck #	CY of Soil	Holding Berm	Placement Date	Landfarm Cell Location	Placement Date	Removal Date
196	H0196	4-Sep-03	1003	84	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03
197	H0197	4-Sep-03	1012	205	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03
198	H0198	4-Sep-03	1015	206	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03
199	H0199	4-Sep-03	1023	214	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03
200	H0200	4-Sep-03	1027	84	20.0	Berm 10	4-Sep-03	Cells A/B	10-Sep-03	17-Sep-03
201	H0201	4-Sep-03	1035	205	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
202	H0202	4-Sep-03	1036	206	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
203	H0203	4-Sep-03	1055	214	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
204	H0204	4-Sep-03	1108	84	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
205	H0205	4-Sep-03	1115	205	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
206	H0206	4-Sep-03	1120	206	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
207	H0207	4-Sep-03	1128	214	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
208	H0208	4-Sep-03	1132	84	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
209	H0209	4-Sep-03	1139	205	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
210	H0210	4-Sep-03	1158	84	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
211	H0211	4-Sep-03	1204	214	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
212	H0212	4-Sep-03	1205	205	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
213	H0213	4-Sep-03	1255	84	20.0	Berm 11	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
214	H0214	4-Sep-03	1300	206	20.0	Berm 12	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
215	H0215	4-Sep-03	1312	214	20.0	Berm 12	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
216	H0216	4-Sep-03	1322	205	20.0	Berm 12	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
217	H0217	4-Sep-03	1325	206	20.0	Berm 12	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
218	H0218	4-Sep-03	1340	214	20.0	Berm 12	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
219	H0219	4-Sep-03	1345	205	20.0	Berm 12	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
220	H0220	4-Sep-03	1345	206	20.0	Berm 12	4-Sep-03	Cell B	10-Sep-03	17-Sep-03
221	H0221	5-Sep-03	912	214	20.0	Berm 12	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
222	H0222	5-Sep-03	916	206	20.0	Berm 12	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
223	H0223	5-Sep-03	925	84	20.0	Berm 12	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
224	H0224	5-Sep-03	934	205	20.0	Berm 12	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
225	H0225	5-Sep-03	945	206	20.0	Berm 12	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
226	H0226	5-Sep-03	949	84	20.0	Berm 12	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
227	H0227	5-Sep-03	1130	206	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
228	H0228	5-Sep-03	1150	214	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
229	H0229	5-Sep-03	1211	84	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
230	H0230	5-Sep-03	1250	205	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
231	H0231	5-Sep-03	1258	84	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
232	H0232	5-Sep-03	1307	214	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
233	H0233	5-Sep-03	1310	206	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
234	H0234	5-Sep-03	1325	205	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
235	H0235	5-Sep-03	1332	84	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
236	H0236	5-Sep-03	1338	214	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
237	H0237	5-Sep-03	1345	206	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
238	H0238	5-Sep-03	1354	205	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
239	H0239	5-Sep-03	1358	84	20.0	Berm 13	5-Sep-03	Cell B	10-Sep-03	17-Sep-03
240	H0240	5-Sep-03	1405	214	20.0	Berm 14	5-Sep-03	Cell A	16-Sep-03	22-Sep-03
241	H0241	5-Sep-03	1520	84	20.0	Berm 14	5-Sep-03	Cell A	16-Sep-03	22-Sep-03
242	H0242	5-Sep-03	1605	84	20.0	Berm 14	5-Sep-03	Cell A	16-Sep-03	22-Sep-03
243	H0243	5-Sep-03	1635	84	20.0	Berm 14	5-Sep-03	Cell A	16-Sep-03	22-Sep-03
244	H0244	8-Sep-03	900	214	18.0	Berm 14	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
245	H0245	8-Sep-03	900	216	18.0	Berm 14	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
246	H0246	8-Sep-03	905	84	18.0	Berm 14	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
247	H0247	8-Sep-03	908	205	18.0	Berm 14	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
248	H0248	8-Sep-03	925	214	18.0	Berm 14	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
249	H0249	8-Sep-03	932	216	18.0	Berm 14	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
250	H0250	8-Sep-03	935	84	18.0	Berm 14	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
251	H0251	8-Sep-03	938	205	18.0	Berm 14	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
252	H0252	8-Sep-03	953	214	18.0	Berm 14	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
253	H0253	8-Sep-03	1005	84	18.0	Berm 15	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
254	H0254	8-Sep-03	1010	205	18.0	Berm 15	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
255	H0255	8-Sep-03	1017	214	18.0	Berm 15	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
256	H0256	8-Sep-03	1021	216	18.0	Berm 15	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
257	H0257	8-Sep-03	1023	84	18.0	Berm 15	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
258	H0258	8-Sep-03	1036	205	18.0	Berm 15	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
259	H0259	8-Sep-03	1040	214	18.0	Berm 15	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
260	H0260	8-Sep-03	1045	216	18.0	Berm 15	8-Sep-03	Cell A	16-Sep-03	22-Sep-03

TABLE 4
SUMMARY OF LANDFARM
SOIL MANIFESTS AND TRACKING

	Manifest #	Date	Time	Truck #	CY of Soil	Holding Berm	Placement Date	Landfarm Cell Location	Placement Date	Removal Date
261	H0261	8-Sep-03	1050	84	18.0	Berm 15	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
262	H0262	8-Sep-03	1101	205	18.0	Berm 15	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
263	H0263	8-Sep-03	1108	214	18.0	Berm 15	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
264	H0264	8-Sep-03	1112	216	18.0	Berm 15	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
265	H0265	8-Sep-03	1117	84	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
266	H0266	8-Sep-03	1127	205	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
267	H0267	8-Sep-03	1132	214	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
268	H0268	8-Sep-03	1135	216	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
269	H0269	8-Sep-03	1142	84	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
270	H0270	8-Sep-03	1230	205	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
271	H0271	8-Sep-03	1235	214	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
272	H0272	8-Sep-03	1238	216	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
273	H0273	8-Sep-03	1240	84	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
274	H0274	8-Sep-03	1252	205	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
275	H0275	8-Sep-03	1253	214	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
276	H0276	8-Sep-03	1302	216	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
277	H0277	8-Sep-03	1305	84	18.0	Berm 16	8-Sep-03	Cell A	16-Sep-03	22-Sep-03
278	H0278	8-Sep-03	1314	205	18.0	Berm 17	8-Sep-03	Cell B	17-Sep-03	22-Sep-03
279	H0279	8-Sep-03	1320	214	18.0	Berm 17	8-Sep-03	Cell B	17-Sep-03	22-Sep-03
280	H0280	8-Sep-03	1325	216	18.0	Berm 17	8-Sep-03	Cell B	17-Sep-03	22-Sep-03
281	H0281	8-Sep-03	1330	84	18.0	Berm 17	8-Sep-03	Cell B	17-Sep-03	22-Sep-03
282	H0282	8-Sep-03	1335	205	18.0	Berm 17	8-Sep-03	Cell B	17-Sep-03	22-Sep-03
283	H0283	8-Sep-03	1343	214	18.0	Berm 17	8-Sep-03	Cell B	17-Sep-03	22-Sep-03
284	H0284	8-Sep-03	1346	216	18.0	Berm 17	8-Sep-03	Cell B	17-Sep-03	22-Sep-03
285	H0285	8-Sep-03	1353	84	18.0	Berm 17	8-Sep-03	Cell B	17-Sep-03	22-Sep-03
286	H0286	8-Sep-03	1400	205	18.0	Berm 17	8-Sep-03	Cell B	17-Sep-03	22-Sep-03
287	H0287	9-Sep-03	850	84	18.0	Berm 17	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
288	H0288	9-Sep-03	950	214	18.0	Berm 17	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
289	H0289	9-Sep-03	900	211	18.0	Berm 17	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
290	H0290	9-Sep-03	910	205	18.0	Berm 17	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
291	H0291	9-Sep-03	920	84	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
292	H0292	9-Sep-03	925	214	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
293	H0293	9-Sep-03	927	211	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
294	H0294	9-Sep-03	940	205	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
295	H0295	9-Sep-03	943	84	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
296	H0296	9-Sep-03	945	214	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
297	H0297	9-Sep-03	950	211	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
298	H0298	9-Sep-03	1002	205	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
299	H0299	9-Sep-03	1008	84	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
300	H0300	9-Sep-03	1012	214	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
301	H0301	9-Sep-03	1018	211	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
302	H0302	9-Sep-03	1026	205	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
303	H0303	9-Sep-03	1031	84	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
304	H0304	9-Sep-03	1037	214	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
305	H0305	9-Sep-03	1042	211	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
306	H0306	9-Sep-03	1050	205	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
307	H0307	9-Sep-03	1055	84	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
308	H0308	9-Sep-03	1059	214	18.0	Berm 18	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
309	H0309	9-Sep-03	1102	211	14.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
310	H0310	9-Sep-03	1115	205	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
311	H0311	9-Sep-03	1118	84	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
312	H0312	9-Sep-03	1125	214	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
313	H0313	9-Sep-03	1130	211	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
314	H0314	9-Sep-03	1142	205	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
315	H0315	9-Sep-03	1145	84	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
316	H0316	9-Sep-03	1153	214	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
317	H0317	9-Sep-03	1157	211	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
318	H0318	9-Sep-03	1253	84	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
319	H0319	9-Sep-03	1300	214	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
320	H0320	9-Sep-03	1304	211	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
321	H0321	9-Sep-03	1308	205	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
322	H0322	9-Sep-03	1315	84	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
323	H0323	9-Sep-03	1325	211	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
324	H0324	9-Sep-03	1332	205	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
325	H0325	9-Sep-03	1336	84	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03

TABLE 4
SUMMARY OF LANDFARM
SOIL MANIFESTS AND TRACKING

	Manifest #	Date	Time	Truck #	CY of Soil	Holding Berm	Placement Date	Landfarm Cell Location	Placement Date	Removal Date
326	H0326	9-Sep-03	1350	211	18.0	Berm 19	9-Sep-03	Cell B	17-Sep-03	22-Sep-03
327	H0327	12-Sep-03	913	84	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
328	H0328	12-Sep-03	915	214	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
329	H0329	12-Sep-03	920	211	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
330	H0330	12-Sep-03	926	205	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
331	H0331	12-Sep-03	936	84	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
332	H0332	12-Sep-03	940	214	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
333	H0333	12-Sep-03	945	211	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
334	H0334	12-Sep-03	955	205	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
335	H0335	12-Sep-03	958	84	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
336	H0336	12-Sep-03	1005	214	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
337	H0337	12-Sep-03	1010	211	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
338	H0338	12-Sep-03	1021	205	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
339	H0339	12-Sep-03	1024	84	18.0	Berm 20	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
340	H0340	12-Sep-03	1025	214	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
341	H0341	12-Sep-03	1034	211	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
342	H0342	12-Sep-03	1044	205	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
343	H0343	12-Sep-03	1050	84	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
344	H0344	12-Sep-03	1055	214	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
345	H0345	12-Sep-03	1100	211	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
346	H0346	12-Sep-03	1109	205	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
347	H0347	12-Sep-03	1117	84	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
348	H0348	12-Sep-03	1125	214	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
349	H0349	12-Sep-03	1130	211	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
350	H0350	12-Sep-03	1136	205	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
351	H0351	12-Sep-03	1143	84	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
352	H0352	12-Sep-03	1156	214	18.0	Berm 21	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
353	H0353	12-Sep-03	1158	211	18.0	Berm 22	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
354	H0354	12-Sep-03	1238	205	18.0	Berm 22	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
355	H0355	12-Sep-03	1241	84	18.0	Berm 22	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
356	H0356	12-Sep-03	1250	214	18.0	Berm 22	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
357	H0357	12-Sep-03	1255	211	18.0	Berm 22	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
358	H0358	12-Sep-03	1303	205	18.0	Berm 22	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
359	H0359	12-Sep-03	1305	84	18.0	Berm 22	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
360	H0360	12-Sep-03	1310	214	18.0	Berm 22	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
361	H0361	12-Sep-03	1315	211	18.0	Berm 22	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
362	H0362	12-Sep-03	1324	205	18.0	Berm 22	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
363	H0363	12-Sep-03	1338	84	18.0	Berm 22	12-Sep-03	Cell A	23-Sep-03	28-Oct-03
	Totals				7016.0					

TABLE 5
TREATMENT SOIL SAMPLE ANALYTICAL RESULTS
Date Sampled: September 2, 2003
(Note: Concentrations are on Dry-Wt. Basis)

Chemical	Samples							SSL (µg/kg)	
	LF-01-A3	LF-01-A8	LF-01-B8	LF-01-A5	LF-01-B6	LF-01-A7	LF-01-B10	Residential	Commercial
Carbon Chain (µg/kg)									
C06 - C10	49,045	190,342	142,465	73,568	42,039	19,852	22,187	NA	NA
C10 - C22	46,710	50,213	130,787	58,387	30,361	10,510	25,690		
C22 - C32	51,381	7,006	23,355	36,200	9,342	17,516	36,200		
Total (C10 - C32)	98,090	57,219	154,142	94,587	39,703	28,026	61,890	893,333	2,233,333
VOCs (µg/kg)									
1,2,4-Trimethylbenzene	<5	81	7,170	<5	15	<5	<5	5.96E+04	1.97E+05
1,3,5-Trimethylbenzene	242	447	5,161	273	121	<5	41	2.56E+04	6.91E+04*
4-Methyl-2-Pentanone	<5	<5	<5	<5	<5	<5	<5	1.92E+06	7.00E+06*
Acetone	<5	<5	<5	<5	<5	<5	<5	2.84E+06	1.35E+07
Benzene	<5	<5	<5	<5	<5	<5	<5	1.12E+04	2.45E+04
Ethylbenzene	<5	<5	11.2	<5	<5	<5	<5	8.66E+04*	8.66E+04*
Isopropylbenzene	<5	5.5 J	35	<5	<5	<5	<5	2.65E+05	3.69E+05*
Methacrylonitrile	<5	<5	<5	<5	<5	<5	<5	3.41E+03	1.79E+04
MTBE	<5	<5	<5	<5	<5	<5	<5	3.34E+05	1.13E+06
Naphthalene	8.9	64	2,733 (827)	28	11	7.5	5.4 J	6.12E+04*	6.12E+04*
Toluene	<5	<5	88	<5	<5	<5	<5	2.19E+05*	2.19E+05*
Xylenes, total	<5	<5	7,450	<5	2.8 J	<5	<5	8.12E+04*	8.12E+04*
n-Buthylbenzene	125	321	677	146	70	7.4	40	6.21E+04*	6.21E+04*
n-Propylbenzene	<5	5.1	12	<5	<5	<5	5.0 J	6.21E+04*	6.21E+04*
p-Isopropyltoluene	20	44	84	22	12	<5	<5	6.30E+04*	6.30E+04*
sec-Butylbenzene	<5	<5	<5	<5	<5	<5	<5	6.05E+04*	6.05E+04*
2-Methylnaphthalene	<333	437	1,378	<333	<333	<333	<333	1.71E+05*	1.71E+05*
Acenaphthene	<333	<333	<333	<333	<333	<333	<333	3.16E+04*	3.16E+04*
Anthracene	<333	<333	<333	<333	<333	<333	<333	1.56E+03*	1.56E+03*
Benzo(a)anthrene	<333	<333	<333	<333	<333	<333	<333	6.19E+03	2.10E+04*
Benzo(a)pyrene	<333	<333	<333	<333	<333	<333	<333	6.19E+02	2.10E+03
Benze(b)fluoranthene	<333	<333	<333	<333	<333	<333	<333	1.24E+03*	1.24E+03*
Benzo(k)fluoranthene	<333	<333	<333	<333	<333	<333	<333	4.54E+02*	4.54E+02*
Chrysene	<333	<333	<333	<333	<333	<333	<333	9.60E+02*	9.60E+02*
Dibenzofuran	<333	<333	<333	<333	<333	<333	<333	3.68E+04*	3.68E+04*
Diethylphthalate	<333	<333	<333	<333	<333	<333	<333	4.32E+05*	4.32E+05*
Fluoranthene	<333	<333	<333	<333	<333	<333	<333	1.49E+04*	1.49E+04*
Fluorene	<333	<333	<333	<333	<333	<333	<333	2.28E+04*	2.28E+04*
Phenanthrene	<333	<333	<333	<333	<333	<333	<333	2.10E+04*	2.10E+04*
Pyrene	<333	<333	<333	<333	<333	<333	<333	1.43E+05*	1.43E+05*

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1 + \frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis

C_w = concentrations on wet-wt. basis

θ_w = water content (0.26 g/cm^3-soil)

ρ_b = bulk density of soil (1.55 g/cm^3)

TABLE 5
TREATMENT SOIL SAMPLE ANALYTICAL RESULTS
Date Sampled: September 2, 2003
(Note: Concentrations are on Dry-Wt. Basis)

Chemical	Samples							SSL (µg/kg)	
	LF-01-B12							Residential	Commercial
Carbon Chain (µg/kg)									
C06 - C10	39,703							NA	NA
C10 - C22	28,026								
C22 - C32	19,852								
Total (C10 - C32)	47,877							893,333	2,233,333
VOCs (µg/kg)									
1,2,4-Trimethylbenzene	<5							5.96E+04	1.97E+05
1,3,5-Trimethylbenzene	220							2.56E+04	6.91E+04*
4-Methyl-2-Pentanone	<5							1.92E+06	7.00E+06*
Acetone	<5							2.84E+06	1.35E+07
Benzene	<5							1.12E+04	2.45E+04
Ethylbenzene	<5							8.66E+04*	8.66E+04*
Isopropylbenzene	<5							2.65E+05	3.69E+05*
Methacrylonitrile	<5							3.41E+03	1.79E+04
MTBE	<5							3.34E+05	1.13E+06
Naphthalene	<5							6.12E+04*	6.12E+04*
Toluene	<5							2.19E+05*	2.19E+05*
Xylenes, total	<5							8.12E+04*	8.12E+04*
n-Buthylbenzene	140							6.21E+04*	6.21E+04*
n-Propylbenzene	<5							6.21E+04*	6.21E+04*
p-Isopropyltoluene	23							6.30E+04*	6.30E+04*
sec-Butylbenzene	<5							6.05E+04*	6.05E+04*
2-Methylnaphthalene	<333							1.71E+05*	1.71E+05*
Acenaphthene	<333							3.16E+04*	3.16E+04*
Anthracene	<333							1.56E+03*	1.56E+03*
Benzo(a)anthrene	<333							6.19E+03	2.10E+04*
Benzo(a)pyrene	<333							6.19E+02	2.10E+03
Benze(b)fluoranthene	<333							1.24E+03*	1.24E+03*
Benzo(k)fluoranthene	<333							4.54E+02*	4.54E+02*
Chrysene	<333							9.60E+02*	9.60E+02*
Dibenzofuran	<333							3.68E+04*	3.68E+04*
Diethylphthalate	<333							4.32E+05*	4.32E+05*
Fluoranthene	<333							1.49E+04*	1.49E+04*
Fluorene	<333							2.28E+04*	2.28E+04*
Phenanthrene	<333							2.10E+04*	2.10E+04*
Pyrene	<333							1.43E+05*	1.43E+05*

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis

C_w = concentrations on wet-wt. basis

θ_w = water content (0.26 g/cm^3-soil)

ρ_b = bulk density of soil (1.55 g/cm^3)

TABLE 6
TREATMENT SOIL SAMPLE ANALYTICAL RESULTS
Date Sampled: September 10, 2003
(Note: Concentrations are on Dry-Wt. Basis)

Chemical	Samples							SSL (µg/kg)	
	LFA1	LFA5	LFA11	LFA13	LFB3	LFB8	LFB11	Residential	Commercial
Carbon Chain (µg/kg)									
C06 - C10	<100,000	<100,000	<100,000	<100,000	<100,000	<100,000	<100,000	NA	NA
C10 - C22	<100,000	186,839	128,452	<100,000	<100,000	<100,000	175,161		
C22 - C32	<100,000	<100,000	<100,000	<100,000	<100,000	<100,000	<100,000		
Total (C10 - C32)	<100,000	245,226	186,839	<100,000	<100,000	<100,000	233,548	893,333	2,233,333
VOCs (µg/kg)									
1,2,4-Trimethylbenzene	105	210	2,686	70	<50	82	1,635	5.96E+04	1.97E+05
1,3,5-Trimethylbenzene	631	887	2,335	490	105	362	1,285	2.56E+04	6.91E+04*
4-Methyl-2-Pentanone	<500	<500	<500	<500	<500	<500	<500	1.92E+06	7.00E+06*
Acetone	<500	<500	<500	<500	<500	<500	<500	2.84E+06	1.35E+07
Benzene	<50	<50	<50	<50	<50	<50	<50	1.12E+04	2.45E+04
Ethylbenzene	<50	<50	<50	<50	<50	<50	199	8.66E+04*	8.66E+04*
Isopropylbenzene	<50	<50	<50	<50	<50	<50	70	2.65E+05	3.69E+05*
Methacrylonitrile	NA	NA	NA	NA	NA	NA	NA	3.41E+03	1.79E+04
MTBE	<50	<50	<50	<50	<50	<50	<50	3.34E+05	1.13E+06
Naphthalene	175	561	2,219 (712)	934 (327)	<150	619 (175)	362	6.12E+04*	6.12E+04*
Toluene	<50	<50	<50	<50	<50	<50	<50	2.19E+05*	2.19E+05*
Xylenes, total	<50	128	1,518	105	<50	<50	771	8.12E+04*	8.12E+04*
n-Buthylbenzene	<50	<50	<50	<50	<50	<50	222	6.21E+04*	6.21E+04*
n-Propylbenzene	<50	<50	105	<50	<50	<50	292	6.21E+04*	6.21E+04*
p-Isopropyltoluene	<50	<50	82	<50	<50	<50	<50	6.30E+04*	6.30E+04*
sec-Butylbenzene	<50	<50	58	<50	<50	<50	<50	6.05E+04*	6.05E+04*
1-Methylnaphthalene	2,102	2,102	2,335	1,868	<250	1,752	1,635	1.01E+05*	1.01E+05*
2-Methylnaphthalene	969 (117)	3,036 (1.401)	4,671 (1,401)	3,270 (1,401)	<67	2,686 (864)	1,074 (339)	1.71E+05*	1.71E+05*
Acenaphthene	<67	<67	<67	<67	<67	<67	<67	3.16E+04*	3.16E+04*
Anthracene	<67	<67	<67	<67	<67	<67	<67	1.56E+03*	1.56E+03*
Benzo(a)anthrene	<67	<67	<67	<67	<67	<67	<67	6.19E+03	2.10E+04*
Benzo(a)pyrene	<67	<67	<67	<67	<67	<67	<67	6.19E+02	2.10E+03
Benze(b)fluoranthene	<67	<67	<67	<67	<67	<67	<67	1.24E+03*	1.24E+03*
Benzo(k)fluoranthene	<67	<67	<67	<67	<67	<67	<67	4.54E+02*	4.54E+02*
Bis(2-ethylhexyl)phthalate	<67	<67	<67	<67	<67	<67	<67	3.04E+05*	3.04E+05*
Chrysene	<67	<67	<67	<67	<67	<67	<67	9.60E+02*	9.60E+02*
Dibenzofuran	<67	<67	<67	<67	<67	<67	<67	3.68E+04*	3.68E+04*
Diethylphthalate	<67	<67	<67	<67	<67	<67	<67	4.32E+05*	4.32E+05*
Fluoranthene	<67	<67	<67	<67	<67	<67	<67	1.49E+04*	1.49E+04*
Fluorene	<67	<67	<67	<67	<67	<67	<67	2.28E+04*	2.28E+04*
N-Decane	<67	<67	<67	<67	<67	199	234		
Phenanthrene	<67	<67	<67	88	<67	<67	<67	2.10E+04*	2.10E+04*
Pyrene	<67	<67	<67	<67	<67	<67	<67	1.43E+05*	1.43E+05*

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1 + \frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis

C_w = concentrations on wet-wt. basis

θ_w = water content (0.26 g/cm^3-soil)

ρ_b = bulk density of soil (1.55 g/cm^3)

TABLE 6
TREATMENT SOIL SAMPLE ANALYTICAL RESULTS
Date Sampled: September 10, 2003
(Note: Concentrations are on Dry-Wt. Basis)

Chemical	Samples							SSL (µg/kg)	
	LFB14							Residential	Commercial
Carbon Chain (µg/kg)									
C06 - C10	<100,000							NA	NA
C10 - C22	210,194								
C22 - C32	151,806								
Total (C10 - C32)	362,000							893,333	2,233,333
VOCs (µg/kg)									
1,2,4-Trimethylbenzene	6,306							5.96E+04	1.97E+05
1,3,5-Trimethylbenzene	3,737							2.56E+04	6.91E+04*
4-Methyl-2-Pentanone	<500							1.92E+06	7.00E+06*
Acetone	<500							2.84E+06	1.35E+07
Benzene	<50							1.12E+04	2.45E+04
Ethylbenzene	<50							8.66E+04*	8.66E+04*
Isopropylbenzene	70							2.65E+05	3.69E+05*
Methacrylonitrile	NA							3.41E+03	1.79E+04
MTBE	<50							3.34E+05	1.13E+06
Naphthalene	3,270 (981)							6.12E+04*	6.12E+04*
Toluene	<50							2.19E+05*	2.19E+05*
Xylenes, total	3,854							8.12E+04*	8.12E+04*
n-Buthylbenzene	<50							6.21E+04*	6.21E+04*
n-Propylbenzene	117							6.21E+04*	6.21E+04*
p-Isopropyltoluene	117							6.30E+04*	6.30E+04*
sec-Butylbenzene	152							6.05E+04*	6.05E+04*
1-Methylnaphthalene	2,919							1.01E+05*	1.01E+05*
2-Methylnaphthalene	6,189 (1,985)							1.71E+05*	1.71E+05*
Acenaphthene	<67							3.16E+04*	3.16E+04*
Anthracene	<67							1.56E+03*	1.56E+03*
Benzo(a)anthrene	<67							6.19E+03	2.10E+04*
Benzo(a)pyrene	<67							6.19E+02	2.10E+03
Benze(b)fluoranthene	<67							1.24E+03*	1.24E+03*
Benzo(k)fluoranthene	<67							4.54E+02*	4.54E+02*
Bis(2-ethylhexyl)phthalate	<67							3.04E+05*	3.04E+05*
Chrysene	<67							9.60E+02*	9.60E+02*
Dibenzofuran	<67							3.68E+04*	3.68E+04*
Diethylphthalate	<67							4.32E+05*	4.32E+05*
Fluoranthene	<67							1.49E+04*	1.49E+04*
Fluorene	<67							2.28E+04*	2.28E+04*
N-Decane	432								
Phenanthrene	<67							2.10E+04*	2.10E+04*
Pyrene	<67							1.43E+05*	1.43E+05*

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1 + \frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis

C_w = concentrations on wet-wt. basis

θ_w = water content (0.26 g/cm^3-soil)

ρ_b = bulk density of soil (1.55 g/cm^3)

TABLE 7
TREATMENT SOIL SAMPLE ANALYTICAL RESULTS
Date Sampled: September 15, 2003
(Note: Concentrations are on Dry-Wt. Basis)

Chemical	Samples							SSL (µg/kg)	
	LFA-1	LFA-6	LFA-11	LFA-14	LFB-2	LFB-6	LFB-11	Residential	Commercial
Carbon Chain (µg/kg)									
C06 - C10	<10,000	<10,000	<10,000	<10,000	<10,000	<10,000	<10,000	NA	NA
C10 - C22	<10,000	<10,000	17,516	22,187	<10,000	<10,000	11,677		
C22 - C32	14,013	57,219	<10,000	15,181	<10,000	<10,000	14,013		
Total (C10 - C32)	19,852	63,058	23,355	37,368	<10,000	<10,000	25,690	893,333	2,233,333
VOCs (µg/kg)									
1,2,4-Trimethylbenzene	<50	<50	<50	<50	<50	<50	70	5.96E+04	1.97E+05
1,3,5-Trimethylbenzene	<50	<50	140	82	<50	<50	140	2.56E+04	6.91E+04*
4-Methyl-2-Pentanone	<500	<500	<500	<500	<500	<500	<500	1.92E+06	7.00E+06*
Acetone	<500	<500	<500	<500	<500	<500	<500	2.84E+06	1.35E+07
Benzene	<50	<50	<50	<50	<50	<50	<50	1.12E+04	2.45E+04
Ethylbenzene	<50	<50	<50	<50	<50	<50	<50	8.66E+04*	8.66E+04*
Isopropylbenzene	<50	<50	<50	<50	<50	<50	<50	2.65E+05	3.69E+05*
Methacrylonitrile	NA	NA	NA	NA	NA	NA	NA	3.41E+03	1.79E+04
MTBE	<50	<50	<50	<50	<50	<50	<50	3.34E+05	1.13E+06
Naphthalene	<150	<150	<150	<150	<150	<150	<150	6.12E+04*	6.12E+04*
Toluene	<50	<50	<50	<50	<50	<50	<50	2.19E+05*	2.19E+05*
Xylenes, total	<50	<50	58	<50	<50	<50	<50	8.12E+04*	8.12E+04*
n-Buthylbenzene	<50	<50	<50	<50	<50	<50	<50	6.21E+04*	6.21E+04*
n-Propylbenzene	<50	<50	<50	<50	<50	<50	<50	6.21E+04*	6.21E+04*
p-Isopropyltoluene	<50	<50	<50	<50	<50	<50	<50	6.30E+04*	6.30E+04*
sec-Butylbenzene	<50	<50	<50	<50	<50	<50	<50	6.05E+04*	6.05E+04*
1-Methylnaphthalene	<250	<250	<250	<250	<250	<250	<250		
2-Methylnaphthalene	<67	<67	<67	<67	<67	<67	<67	1.71E+05*	1.71E+05*
Acenaphthene	<67	<67	<67	<67	<67	<67	<67	3.16E+04*	3.16E+04*
Anthracene	<67	<67	<67	<67	<67	<67	<67	1.56E+03*	1.56E+03*
Benzo(a)anthrene	<67	<67	<67	<67	<67	<67	<67	6.19E+03	2.10E+04*
Benzo(a)pyrene	<67	<67	<67	<67	<67	<67	<67	6.19E+02	2.10E+03
Benze(b)fluoranthene	<67	<67	<67	<67	<67	<67	<67	1.24E+03*	1.24E+03*
Benzo(k)fluoranthene	<67	<67	<67	<67	<67	<67	<67	4.54E+02*	4.54E+02*
Bis(2-ethylhexyl)phthalate	<67	<67	<67	<67	210	<67	<67		
Chrysene	<67	<67	<67	<67	<67	<67	<67	9.60E+02*	9.60E+02*
Dibenzofuran	<67	<67	<67	<67	<67	<67	<67	3.68E+04*	3.68E+04*
Diethylphthalate	<67	292	<67	152	<67	841	<67	4.32E+05*	4.32E+05*
Fluoranthene	<67	<67	<67	<67	<67	<67	<67	1.49E+04*	1.49E+04*
Fluorene	<67	<67	<67	<67	<67	<67	<67	2.28E+04*	2.28E+04*
N-Decane	<67	<67	<67	<67	<67	<67	92		
Phenanthrene	<67	<67	<67	<67	<67	<67	<67	2.10E+04*	2.10E+04*
Pyrene	<67	<67	<67	<67	<67	<67	<67	1.43E+05*	1.43E+05*

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1 + \frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis

C_w = concentrations on wet-wt. basis

θ_w = water content (0.26 g/cm^3-soil)

ρ_b = bulk density of soil (1.55 g/cm^3)

TABLE 7
TREATMENT SOIL SAMPLE ANALYTICAL RESULTS
Date Sampled: September 15, 2003
(Note: Concentrations are on Dry-Wt. Basis)

Chemical	Samples							SSL (µg/kg)	
	LFB-13							Residential	Commercial
Carbon Chain (µg/kg)									
C06 - C10	<10,000							NA	NA
C10 - C22	102,761								
C22 - C32	<10,000								
Total (C10 - C32)	108,600							893,333	2,233,333
VOCs (µg/kg)									
1,2,4-Trimethylbenzene	199							5.96E+04	1.97E+05
1,3,5-Trimethylbenzene	736							2.56E+04	6.91E+04*
4-Methyl-2-Pentanone	<500							1.92E+06	7.00E+06*
Acetone	<500							2.84E+06	1.35E+07
Benzene	<50							1.12E+04	2.45E+04
Ethylbenzene	<50							8.66E+04*	8.66E+04*
Isopropylbenzene	<50							2.65E+05	3.69E+05*
Methacrylonitrile	NA							3.41E+03	1.79E+04
MTBE	<50							3.34E+05	1.13E+06
Naphthalene	1,086 (490)							6.12E+04*	6.12E+04*
Toluene	<50							2.19E+05*	2.19E+05*
Xylenes, total	187							8.12E+04*	8.12E+04*
n-Buthylbenzene	<50							6.21E+04*	6.21E+04*
n-Propylbenzene	<50							6.21E+04*	6.21E+04*
p-Isopropyltoluene	<50							6.30E+04*	6.30E+04*
sec-Butylbenzene	<50							6.05E+04*	6.05E+04*
1-Methylnaphthalene	1,868							1.01E+05*	1.01E+05*
2-Methylnaphthalene	3,270 (1,868)							1.71E+05*	1.71E+05*
Acenaphthene	<67							3.16E+04*	3.16E+04*
Anthracene	<67							1.56E+03*	1.56E+03*
Benzo(a)anthrene	<67							6.19E+03	2.10E+04*
Benzo(a)pyrene	<67							6.19E+02	2.10E+03
Benze(b)fluoranthene	<67							1.24E+03*	1.24E+03*
Benzo(k)fluoranthene	<67							4.54E+02*	4.54E+02*
Bis(2-ethylhexyl)phthalate	99							3.04E+05*	3.04E+05*
Chrysene	<67							9.60E+02*	9.60E+02*
Dibenzofuran	<67							3.68E+04*	3.68E+04*
Diethylphthalate	<67							4.32E+05*	4.32E+05*
Fluoranthene	<67							1.49E+04*	1.49E+04*
Fluorene	<67							2.28E+04*	2.28E+04*
N-Decane	187								
Phenanthrene	128							2.10E+04*	2.10E+04*
Pyrene	<67							1.43E+05*	1.43E+05*

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1 + \frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis

C_w = concentrations on wet-wt. basis

θ_w = water content (0.26 g/cm^3-soil)

ρ_b = bulk density of soil (1.55 g/cm^3)

TABLE 8
TREATMENT SOIL SAMPLE ANALYTICAL RESULTS
Date Sampled: September 22, 2003
(Note: Concentrations are on Dry-Wt. Basis)

Chemical	Samples							SSL (µg/kg)	
	LFA-2	LFA-6	LFA-11	LFA-13				Residential	Commercial
Carbon Chain (µg/kg)									
C06 - C10	<10,000	<10,000	<10,000	<10,000				NA	NA
C10 - C22	<10,000	16,348	<10,000	<10,000					
C22 - C32	<10,000	68,897	31,529	45,542					
Total (C10 - C32)	<10,000	85,245	37,368	51,381				893,333	2,233,333
VOCs (µg/kg)									
1,2,4-Trimethylbenzene	<50	93	<50	<50				5.96E+04	1.97E+05
1,3,5-Trimethylbenzene	<50	444	<50	<50				2.56E+04	6.91E+04*
4-Methyl-2-Pentanone	<500	<500	<500	<500				1.92E+06	7.00E+06*
Acetone	<500	<500	<500	<500				2.84E+06	1.35E+07
Benzene	<50	<50	<50	<50				1.12E+04	2.45E+04
Ethylbenzene	<50	<50	<50	<50				8.66E+04*	8.66E+04*
Isopropylbenzene	<50	<50	<50	<50				2.65E+05	3.69E+05*
Methacrylonitrile	NA	NA	NA	NA				3.41E+03	1.79E+04
MTBE	<50	<50	<50	<50				3.34E+05	1.13E+06
Naphthalene	<150	<150	<150	<150				6.12E+04*	6.12E+04*
Toluene	<50	<50	<50	<50				2.19E+05*	2.19E+05*
Xylenes, total	<50	<50	<50	<50				8.12E+04*	8.12E+04*
n-Buthylbenzene	<50	<50	<50	<50				6.21E+04*	6.21E+04*
n-Propylbenzene	<50	<50	<50	<50				6.21E+04*	6.21E+04*
p-Isopropyltoluene	<50	<50	<50	<50				6.30E+04*	6.30E+04*
sec-Butylbenzene	<50	<50	<50	<50				6.05E+04*	6.05E+04*
1-Methylnaphthalene	<250	<250	<250	<250				1.01E+05*	1.01E+05*
2-Methylnaphthalene	<67	<67	<67	<67				1.71E+05*	1.71E+05*
Acenaphthene	<67	<67	<67	<67				3.16E+04*	3.16E+04*
Anthracene	<67	<67	<67	<67				1.56E+03*	1.56E+03*
Benzo(a)anthrene	<67	<67	<67	<67				6.19E+03	2.10E+04*
Benzo(a)pyrene	<67	<67	<67	<67				6.19E+02	2.10E+03
Benze(b)fluoranthene	<67	<67	<67	<67				1.24E+03*	1.24E+03*
Benzo(k)fluoranthene	<67	<67	<67	<67				4.54E+02*	4.54E+02*
Bis(2-ethylhexyl)phthalate	<67	<67	<67	<67				3.04E+05*	3.04E+05*
Chrysene	<67	<67	<67	<67				9.60E+02*	9.60E+02*
Dibenzofuran	<67	<67	<67	<67				3.68E+04*	3.68E+04*
Diethylphthalate	<67	<67	<67	187				4.32E+05*	4.32E+05*
Fluoranthene	<67	<67	<67	<67				1.49E+04*	1.49E+04*
Fluorene	<67	<67	<67	<67				2.28E+04*	2.28E+04*
N-Decane	<67	<67	<67	<67					
Phenanthrene	<67	<67	<67	<67				2.10E+04*	2.10E+04*
Pyrene	<67	<67	<67	<67				1.43E+05*	1.43E+05*

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1 + \frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis

θ_w = water content (0.26 g/cm^3-soil)

TABLE 8
TREATMENT SOIL SAMPLE ANALYTICAL RESULTS
Date Sampled: September 22, 2003
(Note: Concentrations are on Wet-Wt. Basis)

Chemical	Samples							SSL (µg/kg)	
	LFB-2	LFB-13	LFB-10	LFB-6				Residential	Commercial
Carbon Chain (µg/kg)									
C06 - C10	<10,000	<10,000	<10,000	<10,000				NA	NA
C10 - C22	15,181	<10,000	<10,000	<10,000					
C22 - C32	116,774	<10,000	31,529	57,219					
Total (C10 - C32)	131,955	<10,000	37,368	63,058				893,333	2,233,333
VOCs (µg/kg)									
1,2,4-Trimethylbenzene	<50	852	<50	<50				5.96E+04	1.97E+05
1,3,5-Trimethylbenzene	<50	397	<50	<50				2.56E+04	6.91E+04*
4-Methyl-2-Pentanone	<500	<500	<500	<500				1.92E+06	7.00E+06*
Acetone	<500	<500	<500	<500				2.84E+06	1.35E+07
Benzene	<50	<50	<50	<50				1.12E+04	2.45E+04
Ethylbenzene	<50	82	<50	<50				8.66E+04*	8.66E+04*
Isopropylbenzene	<50	<50	<50	<50				2.65E+05	3.69E+05*
Methacrylonitrile	NA	NA	NA	NA				3.41E+03	1.79E+04
MTBE	<50	<50	<50	<50				3.34E+05	1.13E+06
Naphthalene	<150	292	<150	<150				6.12E+04*	6.12E+04*
Toluene	<50	<50	<50	<50				2.19E+05*	2.19E+05*
Xylenes, total	<50	222	<50	<50				8.12E+04*	8.12E+04*
n-Buthylbenzene	<50	<50	<50	<50				6.21E+04*	6.21E+04*
n-Propylbenzene	<50	128	<50	<50				6.21E+04*	6.21E+04*
p-Isopropyltoluene	<50	<50	<50	<50				6.30E+04*	6.30E+04*
sec-Butylbenzene	<50	70	<50	<50				6.05E+04*	6.05E+04*
1-Methylnaphthalene	<250	292	<250	<250				1.01E+05*	1.01E+05*
2-Methylnaphthalene	<67	374	<67	<67				1.71E+05*	1.71E+05*
Acenaphthene	<67	<67	<67	<67				3.16E+04*	3.16E+04*
Anthracene	<67	<67	<67	<67				1.56E+03*	1.56E+03*
Benzo(a)anthrene	<67	<67	<67	<67				6.19E+03	2.10E+04*
Benzo(a)pyrene	<67	<67	<67	<67				6.19E+02	2.10E+03
Benze(b)fluoranthene	<67	<67	<67	<67				1.24E+03*	1.24E+03*
Benzo(k)fluoranthene	<67	<67	<67	<67				4.54E+02*	4.54E+02*
Bis(2-ethylhexyl)phthalate	<67	<67	<67	<67				3.04E+05*	3.04E+05*
Chrysene	<67	<67	<67	<67				9.60E+02*	9.60E+02*
Dibenzofuran	<67	<67	<67	<67				3.68E+04*	3.68E+04*
Diethylphthalate	<67	<67	<67	689				4.32E+05*	4.32E+05*
Fluoranthene	<67	<67	<67	<67				1.49E+04*	1.49E+04*
Fluorene	<67	<67	<67	<67				2.28E+04*	2.28E+04*
N-Decane	<67	<67	<67	<67					
Phenanthrene	<67	<67	<67	<67				2.10E+04*	2.10E+04*
Pyrene	<67	<67	<67	<67				1.43E+05*	1.43E+05*

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis

C_w = concentrations on wet-wt. basis

θ_w = water content (0.26 g/cm^3-soil)

ρ_b = bulk density of soil (1.55 g/cm^3)

TABLE 9
TREATMENT SOIL ANALYTICAL RESULTS
Date Sampled: September 29, 2003
(Note: Concentrations are on Dry-Wt. Basis)

Chemical	Samples							SSL (µg/kg)	
	LFA-2	LFA-7	LFA-9	LFA-14	LFB-3	LFB-6	LFB-11	Residential	Commercial
Carbon Chain (µg/kg)									
C06 - C10	12,845	21,019	32,697	<10,000	<10,000	<10,000	<10,000	NA	NA
C10 - C22	50,213	100,426	128,452	87,581	14,013	88,748	15,181		
C22 - C32	35,032	25,690	14,013	23,355	18,684	19,852	21,019		
Total (C10 - C32)	85,245	126,116	142,465	110,935	32,697	108,600	36,200	893,333	2,233,333
VOCs (µg/kg)									
1,2,4-Trimethylbenzene	689	117	1,168	<50	<50	<50	<50	5.96E+04	1.97E+05
1,3,5-Trimethylbenzene	514	923	946	222	<50	117	<50	2.56E+04	6.91E+04*
4-Methyl-2-Pentanone	<500	<500	<500	<500	<500	<500	<500	1.92E+06	7.00E+06*
Acetone	<500	<500	<500	<500	<500	<500	<500	2.84E+06	1.35E+07
Benzene	<50	<50	<50	<50	<50	<50	<50	1.12E+04	2.45E+04
Ethylbenzene	90	<50	<50	<50	<50	<50	<50	8.66E+04*	8.66E+04*
Isopropylbenzene	<50	<50	<50	<50	<50	<50	<50	2.65E+05	3.69E+05*
Methacrylonitrile	NA	NA	NA	NA	NA	NA	NA	3.41E+03	1.79E+04
MTBE	<50	<50	<50	<50	<50	<50	<50	3.34E+05	1.13E+06
Naphthalene	292	1,752 (654)	1,868 (467)	580 (69)	<150	<150 (117)	<150	6.12E+04*	6.12E+04*
Toluene	<50	<50	<50	<50	<50	<50	<50	2.19E+05*	2.19E+05*
Xylenes, total	619	<50	479	<50	<50	<50	<50	8.12E+04*	8.12E+04*
n-Buthylbenzene	<50	<50	<50	<50	<50	<50	<50	6.21E+04*	6.21E+04*
n-Propylbenzene	100	<50	<50	<50	<50	<50	<50	6.21E+04*	6.21E+04*
p-Isopropyltoluene	<50	<50	<50	<50	<50	<50	<50	6.30E+04*	6.30E+04*
sec-Butylbenzene	<50	<50	<50	<50	<50	<50	<50	6.05E+04*	6.05E+04*
1-Methylnaphthalene	817	1,985	1,985	2,219	<250	631	<250	1.01E+05*	1.01E+05*
2-Methylnaphthalene	666 (864)	3,737 (1,518)	3,970	3,270 (374)	(163)	(432)	<67	1.71E+05*	1.71E+05*
Acenaphthene	<67	<67	<67	<67	<67	<67	<67	3.16E+04*	3.16E+04*
Anthracene	<67	<67	<67	<67	<67	<67	<67	1.56E+03*	1.56E+03*
Benzo(a)anthrene	<67	<67	<67	<67	<67	<67	<67	6.19E+03	2.10E+04*
Benzo(a)pyrene	<67	<67	<67	<67	<67	<67	<67	6.19E+02	2.10E+03
Benze(b)fluoranthene	<67	<67	<67	<67	<67	<67	<67	1.24E+03*	1.24E+03*
Benzo(k)fluoranthene	<67	<67	<67	<67	<67	<67	<67	4.54E+02*	4.54E+02*
Bis(2-ethylhexyl)phthalate	<67	<67	<67	<67	<67	<67	<67	3.04E+05*	3.04E+05*
Chrysene	<67	<67	<67	<67	<67	<67	<67	9.60E+02*	9.60E+02*
Dibenzofuran	<67	<67	<67	<67	<67	<67	<67	3.68E+04*	3.68E+04*
Diethylphthalate	<67	<67	887	631	<67	<67	<67	4.32E+05*	4.32E+05*
Fluoranthene	<67	<67	<67	<67	<67	<67	<67	1.49E+04*	1.49E+04*
Fluorene	<67	<67	<67	<67	<67	<67	<67	2.28E+04*	2.28E+04*
N-Decane	<67	113	82	<67	<67	<67	<67	4.82E+04*	4.82E+04*
Phenanthrene	<67	91	<67	<67	<67	<67	<67	2.10E+04*	2.10E+04*
Pyrene	<67	<67	<67	<67	<67	<67	<67	1.43E+05*	1.43E+05*

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1 + \frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis

C_w = concentrations on wet-wt. basis

θ_w = water content (0.26 g/cm^3-soil)

ρ_b = bulk density of soil (1.55 g/cm^3)

TABLE 9
TREATMENT SOIL ANALYTICAL RESULTS
Date Sampled: September 29, 2003
(Note: Concentrations are on Dry-Wt. Basis)

Chemical	Samples							SSL (µg/kg)	
	LFB-14							Residential	Commercial
Carbon Chain (µg/kg)									
C06 - C10	<10,000							NA	NA
C10 - C22	35,032								
C22 - C32	17,516								
Total (C10 - C32)	52,548							893,333	2,233,333
VOCs (µg/kg)									
1,2,4-Trimethylbenzene	<50							5.96E+04	1.97E+05
1,3,5-Trimethylbenzene	<50							2.56E+04	6.91E+04*
4-Methyl-2-Pentanone	<500							1.92E+06	7.00E+06*
Acetone	<500							2.84E+06	1.35E+07
Benzene	<50							1.12E+04	2.45E+04
Ethylbenzene	<50							8.66E+04*	8.66E+04*
Isopropylbenzene	<50							2.65E+05	3.69E+05*
Methacrylonitrile	NA							3.41E+03	1.79E+04
MTBE	<50							3.34E+05	1.13E+06
Naphthalene	<150							6.12E+04*	6.12E+04*
Toluene	<50							2.19E+05*	2.19E+05*
Xylenes, total	<50							8.12E+04*	8.12E+04*
n-Buthylbenzene	<50							6.21E+04*	6.21E+04*
n-Propylbenzene	<50							6.21E+04*	6.21E+04*
p-Isopropyltoluene	<50							6.30E+04*	6.30E+04*
sec-Butylbenzene	<50							6.05E+04*	6.05E+04*
1-Methylnaphthalene	<250								
2-Methylnaphthalene	<67							1.71E+05*	1.71E+05*
Acenaphthene	<67							3.16E+04*	3.16E+04*
Anthracene	<67							1.56E+03*	1.56E+03*
Benzo(a)anthrene	<67							6.19E+03	2.10E+04*
Benzo(a)pyrene	<67							6.19E+02	2.10E+03
Benze(b)fluoranthene	<67							1.24E+03*	1.24E+03*
Benzo(k)fluoranthene	<67							4.54E+02*	4.54E+02*
Bis(2-ethylhexyl)phthalate	<67								
Chrysene	<67							9.60E+02*	9.60E+02*
Dibenzofuran	<67							3.68E+04*	3.68E+04*
Diethylphthalate	<67							4.32E+05*	4.32E+05*
Fluoranthene	<67							1.49E+04*	1.49E+04*
Fluorene	<67							2.28E+04*	2.28E+04*
N-Decane	<67								
Phenanthrene	<67							2.10E+04*	2.10E+04*
Pyrene	<67							1.43E+05*	1.43E+05*

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

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Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis

C_w = concentrations on wet-wt. basis

θ_w = water content (0.26 g/cm^3-soil)

ρ_b = bulk density of soil (1.55 g/cm^3)

APPENDICES

APPENDIX A

Native Soil and Groundwater Laboratory Analytical Reports

Order #: 478880 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-01

Date Sampled: 11/18/2003

Time Sampled: 12:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	23300	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT BHATE (10177)
ATTN: Jerry Pelfrey
1111 10th. Street
480
Alamorgordo, NM 88310

LAB REQUEST 120227
REPORTED 12/02/2003
RECEIVED 11/20/2003

PROJECT Landfarm

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
478880	LM-01
478881	LM-02
478882	LM-03
478883	LM-04
478884	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 478880 Client: BHATE

Matrix: WATER Client Sample ID: LM-01

Date Sampled: 11/18/2003

Time Sampled: 12:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
m and p-Xylene	ND	1	5	ug/L	11/22/03	AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03	AM
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	93	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	114	%	70 - 135
Surr3 - Toluene-d8	102	%	70 - 135
Surr4 - p-Bromofluorobenzene	98	%	70 - 135

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478880 Client: BHATE

Matrix: WATER Client Sample ID: LM-01

Date Sampled: 11/18/2003

Time Sampled: 12:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Hexanone	ND	1	20	ug/L	11/22/03	AM
4-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03	AM
Acetone	ND	1	100	ug/L	11/22/03	AM
Acetonitrile	ND	1	50	ug/L	11/22/03	AM
Acrolein	ND	1	200	ug/L	11/22/03	AM
Acrylonitrile	ND	1	10	ug/L	11/22/03	AM
Allyl chloride	ND	1	5	ug/L	11/22/03	AM
Benzene	ND	1	1	ug/L	11/22/03	AM
Benzyl chloride	ND	1	5	ug/L	11/22/03	AM
Bromobenzene	ND	1	5	ug/L	11/22/03	AM
Bromochloromethane	ND	1	5	ug/L	11/22/03	AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03	AM
Bromoform	ND	1	5	ug/L	11/22/03	AM
Bromomethane	ND	1	5	ug/L	11/22/03	AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03	AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03	AM
Chlorobenzene	ND	1	5	ug/L	11/22/03	AM
Chloroethane	ND	1	5	ug/L	11/22/03	AM
Chloroform	ND	1	5	ug/L	11/22/03	AM
Chloromethane	ND	1	5	ug/L	11/22/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03	AM
Dibromomethane	ND	1	5	ug/L	11/22/03	AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03	AM
Ethyl benzene	ND	1	5	ug/L	11/22/03	AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03	AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03	AM
Iodomethane	ND	1	5	ug/L	11/22/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478880 Client: BHATE
Matrix: WATER Client Sample ID: LM-01
Date Sampled: 11/18/2003
Time Sampled: 12:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478880 Client: BHATE
Matrix: WATER Client Sample ID: LM-01
Date Sampled: 11/18/2003
Time Sampled: 12:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478881 Client: BHATE

Matrix: WATER Client Sample ID: LM-02

Date Sampled: 11/18/2003

Time Sampled: 11:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	21850	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478880 Client: BHATE

Matrix: WATER Client Sample ID: LM-01

Date Sampled: 11/18/2003

Time Sampled: 12:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Pentachlorophenol	ND	1	50	ug/L	11/25/03	DP
Phenanthrene	ND	1	10	ug/L	11/25/03	DP
Phenol	ND	1	10	ug/L	11/25/03	DP
Pyrene	ND	1	10	ug/L	11/25/03	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	83			%	10 - 123	
2-Fluorobiphenyl (sur)	70			%	43 - 116	
2-Fluorophenol (sur)	60			%	21 - 110	
Nitrobenzene-d5 (sur)	74			%	34 - 114	
Phenol-d5 (sur)	64			%	10 - 110	
Terphenyl-d14 (sur)	106			%	33 - 141	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478881 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-02

Date Sampled: 11/18/2003

Time Sampled: 11:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
m and p-Xylene	ND	1	5	ug/L	11/22/03	AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03	AM
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	92			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	111			%	70 - 135	
Surr3 - Toluene-d8	98			%	70 - 135	
Surr4 - p-Bromofluorobenzene	96			%	70 - 135	

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478881 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-02

Date Sampled: 11/18/2003

Time Sampled: 11:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Hexanone	ND	1	20	ug/L	11/22/03	AM
4-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03	AM
Acetone	ND	1	100	ug/L	11/22/03	AM
Acetonitrile	ND	1	50	ug/L	11/22/03	AM
Acrolein	ND	1	200	ug/L	11/22/03	AM
Acrylonitrile	ND	1	10	ug/L	11/22/03	AM
Allyl chloride	ND	1	5	ug/L	11/22/03	AM
Benzene	ND	1	1	ug/L	11/22/03	AM
Benzyl chloride	ND	1	5	ug/L	11/22/03	AM
Bromobenzene	ND	1	5	ug/L	11/22/03	AM
Bromochloromethane	ND	1	5	ug/L	11/22/03	AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03	AM
Bromoform	ND	1	5	ug/L	11/22/03	AM
Bromomethane	ND	1	5	ug/L	11/22/03	AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03	AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03	AM
Chlorobenzene	ND	1	5	ug/L	11/22/03	AM
Chloroethane	ND	1	5	ug/L	11/22/03	AM
Chloroform	ND	1	5	ug/L	11/22/03	AM
Chloromethane	ND	1	5	ug/L	11/22/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03	AM
Dibromomethane	ND	1	5	ug/L	11/22/03	AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03	AM
Ethyl benzene	ND	1	5	ug/L	11/22/03	AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03	AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03	AM
Iodomethane	ND	1	5	ug/L	11/22/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478881 Client: BHATE

Matrix: WATER Client Sample ID: LM-02

Date Sampled: 11/18/2003

Time Sampled: 11:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478881 Client: BHATE

Matrix: WATER Client Sample ID: LM-02

Date Sampled: 11/18/2003

Time Sampled: 11:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478882 Client: BHATE

Matrix: WATER Client Sample ID: LM-03

Date Sampled: 11/18/2003

Time Sampled: 10:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	18300	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478881 Client: BHATE

Matrix: WATER Client Sample ID: LM-02

Date Sampled: 11/18/2003

Time Sampled: 11:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Pentachlorophenol	ND	1	50	ug/L	11/25/03	DP
Phenanthrene	ND	1	10	ug/L	11/25/03	DP
Phenol	ND	1	10	ug/L	11/25/03	DP
Pyrene	ND	1	10	ug/L	11/25/03	DP
Surrogates				Units	Control Limits	
2,4,6-Tribromophenol (sur)	78			%	10 - 123	
2-Fluorobiphenyl (sur)	80			%	43 - 116	
2-Fluorophenol (sur)	63			%	21 - 110	
Nitrobenzene-d5 (sur)	76			%	34 - 114	
Phenol-d5 (sur)	63			%	10 - 110	
Terphenyl-d14 (sur)	98			%	33 - 141	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478882 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-03

Date Sampled: 11/18/2003

Time Sampled: 10:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
m and p-Xylene	ND	1	5	ug/L	11/22/03	AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03	AM
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	91	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	114	%	70 - 135
Surr3 - Toluene-d8	102	%	70 - 135
Surr4 - p-Bromofluorobenzene	98	%	70 - 135

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478882 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-03

Date Sampled: 11/18/2003

Time Sampled: 10:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Hexanone	ND	1	20	ug/L	11/22/03	AM
4-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03	AM
Acetone	ND	1	100	ug/L	11/22/03	AM
Acetonitrile	ND	1	50	ug/L	11/22/03	AM
Acrolein	ND	1	200	ug/L	11/22/03	AM
Acrylonitrile	ND	1	10	ug/L	11/22/03	AM
Allyl chloride	ND	1	5	ug/L	11/22/03	AM
Benzene	ND	1	1	ug/L	11/22/03	AM
Benzyl chloride	ND	1	5	ug/L	11/22/03	AM
Bromobenzene	ND	1	5	ug/L	11/22/03	AM
Bromochloromethane	ND	1	5	ug/L	11/22/03	AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03	AM
Bromoform	ND	1	5	ug/L	11/22/03	AM
Bromomethane	ND	1	5	ug/L	11/22/03	AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03	AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03	AM
Chlorobenzene	ND	1	5	ug/L	11/22/03	AM
Chloroethane	ND	1	5	ug/L	11/22/03	AM
Chloroform	ND	1	5	ug/L	11/22/03	AM
Chloromethane	ND	1	5	ug/L	11/22/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03	AM
Dibromomethane	ND	1	5	ug/L	11/22/03	AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03	AM
Ethyl benzene	ND	1	5	ug/L	11/22/03	AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03	AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03	AM
Iodomethane	ND	1	5	ug/L	11/22/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478882 Client: BHATE
Matrix: WATER Client Sample ID: LM-03
Date Sampled: 11/18/2003
Time Sampled: 10:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478882 Client: BHATE
Matrix: WATER Client Sample ID: LM-03
Date Sampled: 11/18/2003
Time Sampled: 10:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478883 Client: BHATE

Matrix: WATER Client Sample ID: LM-04

Date Sampled: 11/18/2003

Time Sampled: 08:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	22340	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478882 Client: BHATE

Matrix: WATER Client Sample ID: LM-03

Date Sampled: 11/18/2003

Time Sampled: 10:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Pentachlorophenol	ND	1	50	ug/L	11/25/03	DP
Phenanthrene	ND	1	10	ug/L	11/25/03	DP
Phenol	ND	1	10	ug/L	11/25/03	DP
Pyrene	ND	1	10	ug/L	11/25/03	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	84			%	10 - 123	
2-Fluorobiphenyl (sur)	77			%	43 - 116	
2-Fluorophenol (sur)	55			%	21 - 110	
Nitrobenzene-d5 (sur)	71			%	34 - 114	
Phenol-d5 (sur)	60			%	10 - 110	
Terphenyl-d14 (sur)	97			%	33 - 141	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478883 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-04

Date Sampled: 11/18/2003

Time Sampled: 08:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
m and p-Xylene	ND	1	5	ug/L	11/22/03	AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03	AM
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	93			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	110			%	70 - 135	
Surr3 - Toluene-d8	103			%	70 - 135	
Surr4 - p-Bromofluorobenzene	99			%	70 - 135	

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 478883 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-04

Date Sampled: 11/18/2003

Time Sampled: 08:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Hexanone	ND	1	20	ug/L	11/22/03	AM
4-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03	AM
Acetone	ND	1	100	ug/L	11/22/03	AM
Acetonitrile	ND	1	50	ug/L	11/22/03	AM
Acrolein	ND	1	200	ug/L	11/22/03	AM
Acrylonitrile	ND	1	10	ug/L	11/22/03	AM
Allyl chloride	ND	1	5	ug/L	11/22/03	AM
Benzene	ND	1	1	ug/L	11/22/03	AM
Benzyl chloride	ND	1	5	ug/L	11/22/03	AM
Bromobenzene	ND	1	5	ug/L	11/22/03	AM
Bromochloromethane	ND	1	5	ug/L	11/22/03	AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03	AM
Bromoform	ND	1	5	ug/L	11/22/03	AM
Bromomethane	ND	1	5	ug/L	11/22/03	AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03	AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03	AM
Chlorobenzene	ND	1	5	ug/L	11/22/03	AM
Chloroethane	ND	1	5	ug/L	11/22/03	AM
Chloroform	ND	1	5	ug/L	11/22/03	AM
Chloromethane	ND	1	5	ug/L	11/22/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03	AM
Dibromomethane	ND	1	5	ug/L	11/22/03	AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03	AM
Ethyl benzene	ND	1	5	ug/L	11/22/03	AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03	AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03	AM
Iodomethane	ND	1	5	ug/L	11/22/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 478883 Client: BHATE

Matrix: WATER Client Sample ID: LM-04

Date Sampled: 11/18/2003

Time Sampled: 08:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478883 Client: BHATE

Matrix: WATER Client Sample ID: LM-04

Date Sampled: 11/18/2003

Time Sampled: 08:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478884 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	ND	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478883 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-04

Date Sampled: 11/18/2003

Time Sampled: 08:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Pentachlorophenol	ND	1	50	ug/L	11/25/03	DP
Phenanthrene	ND	1	10	ug/L	11/25/03	DP
Phenol	ND	1	10	ug/L	11/25/03	DP
Pyrene	ND	1	10	ug/L	11/25/03	DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	90	%	10 - 123
2-Fluorobiphenyl (sur)	57	%	43 - 116
2-Fluorophenol (sur)	58	%	21 - 110
Nitrobenzene-d5 (sur)	74	%	34 - 114
Phenol-d5 (sur)	62	%	10 - 110
Terphenyl-d14 (sur)	103	%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478884 Client: BHATE

Matrix: WATER Client Sample ID: Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
m and p-Xylene	ND	1	5	ug/L	11/22/03	AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03	AM
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	91			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	105			%	70 - 135	
Surr3 - Toluene-d8	103			%	70 - 135	
Surr4 - p-Bromofluorobenzene	99			%	70 - 135	

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478884 Client: BHATE

Matrix: WATER Client Sample ID: Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Hexanone	ND	1	20	ug/L	11/22/03	AM
4-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03	AM
Acetone	ND	1	100	ug/L	11/22/03	AM
Acetonitrile	ND	1	50	ug/L	11/22/03	AM
Acrolein	ND	1	200	ug/L	11/22/03	AM
Acrylonitrile	ND	1	10	ug/L	11/22/03	AM
Allyl chloride	ND	1	5	ug/L	11/22/03	AM
Benzene	ND	1	1	ug/L	11/22/03	AM
Benzyl chloride	ND	1	5	ug/L	11/22/03	AM
Bromobenzene	ND	1	5	ug/L	11/22/03	AM
Bromochloromethane	ND	1	5	ug/L	11/22/03	AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03	AM
Bromoform	ND	1	5	ug/L	11/22/03	AM
Bromomethane	ND	1	5	ug/L	11/22/03	AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03	AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03	AM
Chlorobenzene	ND	1	5	ug/L	11/22/03	AM
Chloroethane	ND	1	5	ug/L	11/22/03	AM
Chloroform	ND	1	5	ug/L	11/22/03	AM
Chloromethane	ND	1	5	ug/L	11/22/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03	AM
Dibromomethane	ND	1	5	ug/L	11/22/03	AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03	AM
Ethyl benzene	ND	1	5	ug/L	11/22/03	AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03	AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03	AM
Iodomethane	ND	1	5	ug/L	11/22/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478884 Client: BHATE

Matrix: WATER Client Sample ID: Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzidine	ND	1	50	ug/L	11/24/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/24/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/24/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/24/03	DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/24/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/24/03	DP
Benzoic Acid	ND	1	10	ug/L	11/24/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/24/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/24/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/24/03	DP
Chrysene	ND	1	10	ug/L	11/24/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/24/03	DP
Dibenzofuran	ND	1	10	ug/L	11/24/03	DP
Diethylphthalate	ND	1	10	ug/L	11/24/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/24/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/24/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/24/03	DP
Fluoranthene	ND	1	10	ug/L	11/24/03	DP
Fluorene	ND	1	10	ug/L	11/24/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/24/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/24/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/24/03	DP
Hexachloroethane	ND	1	10	ug/L	11/24/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/24/03	DP
Isophorone	ND	1	10	ug/L	11/24/03	DP
Naphthalene	ND	1	10	ug/L	11/24/03	DP
Nitrobenzene	ND	1	10	ug/L	11/24/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/24/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478884 Client: BHATE

Matrix: WATER Client Sample ID: Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/24/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/24/03	DP
1,3-Dichlorobenzene	ND	1	10	ug/L	11/24/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/24/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/24/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/24/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/24/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/24/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/24/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/24/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/24/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/24/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/24/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/24/03	DP
2-Methylphenol	ND	1	10	ug/L	11/24/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/24/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/24/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/24/03	DP
3-Methylphenol	ND	1	10	ug/L	11/24/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/24/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/24/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/24/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/24/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/24/03	DP
4-Methylphenol	ND	1	10	ug/L	11/24/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/24/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/24/03	DP
Acenaphthene	ND	1	10	ug/L	11/24/03	DP
Acenaphthylene	ND	1	10	ug/L	11/24/03	DP
Anthracene	ND	1	10	ug/L	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478884 Client: BHATE

Matrix: WATER Client Sample ID: Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Pentachlorophenol	ND	1	50	ug/L	11/24/03	DP
Phenanthrene	ND	1	10	ug/L	11/24/03	DP
Phenol	ND	1	10	ug/L	11/24/03	DP
Pyrene	ND	1	10	ug/L	11/24/03	DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	103	%	10 - 123
2-Fluorobiphenyl (sur)	81	%	43 - 116
2-Fluorophenol (sur)	61	%	21 - 110
Nitrobenzene-d5 (sur)	73	%	34 - 114
Phenol-d5 (sur)	53	%	10 - 110
Terphenyl-d14 (sur)	107	%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

120227

CHAIN OF CUSTODY RECORD

Date 11-19-03 Page 1 of 1

CLIENT BHATE Environmental
ADDRESS 1611 Vandergrift Rd. #1266
Holloman AFB NM 88330

PROJECT MANAGER Jerry Pelfrey
PHONE NUMBER 505-679-2100

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled X Frozen ___
Same Day ____ 24 Hr. ____
Regular ____ 48 Hr. ____

PROJECT NAME LandFARM

SAMPLERS: (Signature)

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
LM-01	LandFarm	11-18-03	1200	/			5		VOC/8260, SVOC's/
LM-02			1130	/			5		8270, TDS/160.1
LM-03			1055	/			5		For All Samples.
LM-04			0830	/			5		
									PUSH!!

Relinquished by: (Signature) 11-19-03
Received by: (Signature) Date/Time 11-20 1055
Relinquished by: (Signature)
Received by Laboratory for analysis: (Signature) Date/Time

I hereby authorize the performance of the above indicated work.

Special Instructions: Please Fax Results to 505-679-2148
FED EX # 839181808240

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

Order #: 478899 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-7

Date Sampled: 11/18/2003

Time Sampled: 09:25

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	20420	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
2-Hexanone	ND	1	20	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT BHATE (10177)
ATTN: Jerry Peltrey
1111 10th. Street
480
Alamorgordo, NM 88310

LAB REQUEST 120231

REPORTED 12/02/2003

RECEIVED 11/20/2003

PROJECT Landfarm

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
478899	MW-7
478900	MW-10
478901	MW-10B
478902	LF-B-10
478903	LF-A-7
478904	LF-A-7B
478905	Laboratory Method Blank-W
478906	Laboratory Method Blank-S

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D
Vice President

NOTE: Unless notified in writing all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratories are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 478899 **Client:** BHATE
Matrix: WATER **Client Sample ID:** MW-7
Date Sampled: 11/18/2003
Time Sampled: 09:25
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	91			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	110			%	70 - 135	
Surr3 - Toluene-d8	101			%	70 - 135	
Surr4 - p-Bromofluorobenzene	97			%	70 - 135	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 478899 **Client:** BHATE
Matrix: WATER **Client Sample ID:** MW-7
Date Sampled: 11/18/2003
Time Sampled: 09:25
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
4-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03	AM
Acetone	ND	1	100	ug/L	11/22/03	AM
Acetonitrile	ND	1	50	ug/L	11/22/03	AM
Acrolein	ND	1	200	ug/L	11/22/03	AM
Acrylonitrile	ND	1	10	ug/L	11/22/03	AM
Allyl chloride	ND	1	5	ug/L	11/22/03	AM
Benzene	ND	1	1	ug/L	11/22/03	AM
Benzyl chloride	ND	1	5	ug/L	11/22/03	AM
Bromobenzene	ND	1	5	ug/L	11/22/03	AM
Bromochloromethane	ND	1	5	ug/L	11/22/03	AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03	AM
Bromoform	ND	1	5	ug/L	11/22/03	AM
Bromomethane	ND	1	5	ug/L	11/22/03	AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03	AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03	AM
Chlorobenzene	ND	1	5	ug/L	11/22/03	AM
Chloroethane	ND	1	5	ug/L	11/22/03	AM
Chloroform	ND	1	5	ug/L	11/22/03	AM
Chloromethane	ND	1	5	ug/L	11/22/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03	AM
Dibromomethane	ND	1	5	ug/L	11/22/03	AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03	AM
Ethyl benzene	ND	1	5	ug/L	11/22/03	AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03	AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03	AM
Iodomethane	ND	1	5	ug/L	11/22/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03	AM
m and p-Xylene	ND	1	5	ug/L	11/22/03	AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 478899 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-7

Date Sampled: 11/18/2003

Time Sampled: 09:25

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 478899 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-7

Date Sampled: 11/18/2003

Time Sampled: 09:25

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP
Pentachlorophenol	ND	1	50	ug/L	11/25/03	DP
Phenanthrene	ND	1	10	ug/L	11/25/03	DP
Phenol	ND	1	10	ug/L	11/25/03	DP
Pyrene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 478899 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-7

Date Sampled: 11/18/2003

Time Sampled: 09:25

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	63			%	10 - 123
2-Fluorobiphenyl (sur)	59			%	43 - 116
2-Fluorophenol (sur)	48			%	21 - 110
Nitrobenzene-d5 (sur)	60			%	34 - 114
Phenol-d5 (sur)	51			%	10 - 110
Terphenyl-d14 (sur)	100			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478900 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	22000	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
2-Hexanone	ND	1	20	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478900 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
4-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03	AM
Acetone	ND	1	100	ug/L	11/22/03	AM
Acetonitrile	ND	1	50	ug/L	11/22/03	AM
Acrolein	ND	1	200	ug/L	11/22/03	AM
Acrylonitrile	ND	1	10	ug/L	11/22/03	AM
Allyl chloride	ND	1	5	ug/L	11/22/03	AM
Benzene	ND	1	1	ug/L	11/22/03	AM
Benzyl chloride	ND	1	5	ug/L	11/22/03	AM
Bromobenzene	ND	1	5	ug/L	11/22/03	AM
Bromochloromethane	ND	1	5	ug/L	11/22/03	AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03	AM
Bromoform	ND	1	5	ug/L	11/22/03	AM
Bromomethane	ND	1	5	ug/L	11/22/03	AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03	AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03	AM
Chlorobenzene	ND	1	5	ug/L	11/22/03	AM
Chloroethane	ND	1	5	ug/L	11/22/03	AM
Chloroform	ND	1	5	ug/L	11/22/03	AM
Chloromethane	ND	1	5	ug/L	11/22/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03	AM
Dibromomethane	ND	1	5	ug/L	11/22/03	AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03	AM
Ethyl benzene	ND	1	5	ug/L	11/22/03	AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03	AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03	AM
Iodomethane	ND	1	5	ug/L	11/22/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03	AM
m and p-Xylene	ND	1	5	ug/L	11/22/03	AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 478900 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	94			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	112			%	70 - 135	
Surr3 - Toluene-d8	100			%	70 - 135	
Surr4 - p-Bromofluorobenzene	100			%	70 - 135	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 478900
Matrix: WATER
Date Sampled: 11/18/2003
Time Sampled: 09:00
Sampled By:

Client: BHATE
Client Sample ID: MW-10

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478900
Matrix: WATER
Date Sampled: 11/18/2003
Time Sampled: 09:00
Sampled By:

Client: BHATE
Client Sample ID: MW-10

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP
Pentachlorophenol	ND	1	50	ug/L	11/25/03	DP
Phenanthrene	ND	1	10	ug/L	11/25/03	DP
Phenol	ND	1	10	ug/L	11/25/03	DP
Pyrene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478900 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	67			%	10 - 123
2-Fluorobiphenyl (sur)	66			%	43 - 116
2-Fluorophenol (sur)	56			%	21 - 110
Nitrobenzene-d5 (sur)	70			%	34 - 114
Phenol-d5 (sur)	58			%	10 - 110
Terphenyl-d14 (sur)	96			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478901 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10B

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	23130	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
2-Hexanone	ND	1	20	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478901 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10B

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
4-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03	AM
Acetone	ND	1	100	ug/L	11/22/03	AM
Acetonitrile	ND	1	50	ug/L	11/22/03	AM
Acrolein	ND	1	200	ug/L	11/22/03	AM
Acrylonitrile	ND	1	10	ug/L	11/22/03	AM
Allyl chloride	ND	1	5	ug/L	11/22/03	AM
Benzene	ND	1	1	ug/L	11/22/03	AM
Benzyl chloride	ND	1	5	ug/L	11/22/03	AM
Bromobenzene	ND	1	5	ug/L	11/22/03	AM
Bromochloromethane	ND	1	5	ug/L	11/22/03	AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03	AM
Bromoform	ND	1	5	ug/L	11/22/03	AM
Bromomethane	ND	1	5	ug/L	11/22/03	AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03	AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03	AM
Chlorobenzene	ND	1	5	ug/L	11/22/03	AM
Chloroethane	ND	1	5	ug/L	11/22/03	AM
Chloroform	ND	1	5	ug/L	11/22/03	AM
Chloromethane	ND	1	5	ug/L	11/22/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03	AM
Dibromomethane	ND	1	5	ug/L	11/22/03	AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03	AM
Ethyl benzene	ND	1	5	ug/L	11/22/03	AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03	AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03	AM
Iodomethane	ND	1	5	ug/L	11/22/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03	AM
m and p-Xylene	ND	1	5	ug/L	11/22/03	AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478901 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10B

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	91			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	111			%	70 - 135	
Surr3 - Toluene-d8	100			%	70 - 135	
Surr4 - p-Bromofluorobenzene	98			%	70 - 135	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478901
Matrix: WATER
Date Sampled: 11/18/2003
Time Sampled: 09:00
Sampled By:

Client: BHATE
Client Sample ID: MW-10B

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478901
Matrix: WATER
Date Sampled: 11/18/2003
Time Sampled: 09:00
Sampled By:

Client: BHATE
Client Sample ID: MW-10B

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP
Pentachlorophenol	ND	1	50	ug/L	11/25/03	DP
Phenanthrene	ND	1	10	ug/L	11/25/03	DP
Phenol	ND	1	10	ug/L	11/25/03	DP
Pyrene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478901 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10B

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	82			%	10 - 123
2-Fluorobiphenyl (sur)	59			%	43 - 116
2-Fluorophenol (sur)	44			%	21 - 110
Nitrobenzene-d5 (sur)	57			%	34 - 114
Phenol-d5 (sur)	48			%	10 - 110
Terphenyl-d14 (sur)	99			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478902 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-B-10

Date Sampled: 11/18/2003

Time Sampled: 14:40

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	11/20/03	AF
C10 - C22	ND	1	3	mg/Kg	11/20/03	AF
C22 - C36	ND	1	5	mg/Kg	11/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478902 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-B-10

Date Sampled: 11/18/2003

Time Sampled: 14:40

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/03	AM
Acetone	ND	1	50	ug/Kg	11/21/03	AM
Acetonitrile	ND	1	5	ug/Kg	11/21/03	AM
Acrolein	ND	1	200	ug/Kg	11/21/03	AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/03	AM
Allyl chloride	ND	1	5	ug/Kg	11/21/03	AM
Benzene	ND	1	5	ug/Kg	11/21/03	AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/03	AM
Bromobenzene	ND	1	5	ug/Kg	11/21/03	AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/03	AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/03	AM
Bromoform	ND	1	5	ug/Kg	11/21/03	AM
Bromomethane	ND	1	5	ug/Kg	11/21/03	AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/03	AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/03	AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
Chloroethane	ND	1	5	ug/Kg	11/21/03	AM
Chloroform	ND	1	5	ug/Kg	11/21/03	AM
Chloromethane	ND	1	5	ug/Kg	11/21/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03	AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/03	AM
Dibromomethane	ND	1	5	ug/Kg	11/21/03	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/03	AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/03	AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/03	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/03	AM
Iodomethane	ND	1	5	ug/Kg	11/21/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478902 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-B-10

Date Sampled: 11/18/2003

Time Sampled: 14:40

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
m and p-Xylene	ND	1	5	ug/Kg	11/21/03	AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/03	AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/03	AM
Methylene chloride	ND	1	5	ug/Kg	11/21/03	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/03	AM
Naphthalene	ND	1	5	ug/Kg	11/21/03	AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/03	AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/03	AM
o-Xylene	ND	1	5	ug/Kg	11/21/03	AM
Pentachloroethane	ND	1	5	ug/Kg	11/21/03	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/03	AM
Propionitrile	ND	1	5	ug/Kg	11/21/03	AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/03	AM
Styrene	ND	1	5	ug/Kg	11/21/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/03	AM
Toluene	ND	1	5	ug/Kg	11/21/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03	AM
Trichloroethene	ND	1	5	ug/Kg	11/21/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/03	AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/03	AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/03	AM
Xylenes, total	ND	1	5	ug/Kg	11/21/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	96			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	115			%	70 - 135	
Surr3 - Toluene-d8	101			%	70 - 135	
Surr4 - p-Bromofluorobenzene	103			%	70 - 135	

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478902 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-B-10

Date Sampled: 11/18/2003

Time Sampled: 14:40

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/24/03	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/24/03	DP
3-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	11/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	11/24/03	DP
Anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzidine	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 478902 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-B-10

Date Sampled: 11/18/2003

Time Sampled: 14:40

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
Benzo(a)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	11/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Chrysene	ND	1	333	ug/Kg	11/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	11/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Fluorene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachloroethane	ND	1	333	ug/Kg	11/24/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Isophorone	ND	1	333	ug/Kg	11/24/03	DP
Naphthalene	ND	1	333	ug/Kg	11/24/03	DP
Nitrobenzene	ND	1	333	ug/Kg	11/24/03	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/24/03	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/24/03	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
Phenanthrene	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 478902 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-B-10

Date Sampled: 11/18/2003

Time Sampled: 14:40

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Phenol	ND	1	333	ug/Kg	11/24/03	DP
Pyrene	ND	1	333	ug/Kg	11/24/03	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	85			%	17 - 122	
2-Fluorobiphenyl (sur)	75			%	30 - 115	
2-Fluorophenol (sur)	54			%	25 - 121	
Nitrobenzene-d5 (sur)	62			%	23 - 120	
Phenol-d5 (sur)	84			%	24 - 113	
Terphenyl-d14 (sur)	105			%	18 - 137	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478903 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	11/20/03	AF
C10 - C22	ND	1	3	mg/Kg	11/20/03	AF
C22 - C36	ND	1	5	mg/Kg	11/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478903 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/03	AM
Acetone	ND	1	50	ug/Kg	11/21/03	AM
Acetonitrile	ND	1	5	ug/Kg	11/21/03	AM
Acrolein	ND	1	200	ug/Kg	11/21/03	AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/03	AM
Allyl chloride	ND	1	5	ug/Kg	11/21/03	AM
Benzene	ND	1	5	ug/Kg	11/21/03	AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/03	AM
Bromobenzene	ND	1	5	ug/Kg	11/21/03	AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/03	AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/03	AM
Bromoform	ND	1	5	ug/Kg	11/21/03	AM
Bromomethane	ND	1	5	ug/Kg	11/21/03	AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/03	AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/03	AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
Chloroethane	ND	1	5	ug/Kg	11/21/03	AM
Chloroform	ND	1	5	ug/Kg	11/21/03	AM
Chloromethane	ND	1	5	ug/Kg	11/21/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03	AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/03	AM
Dibromomethane	ND	1	5	ug/Kg	11/21/03	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/03	AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/03	AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/03	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/03	AM
Iodomethane	ND	1	5	ug/Kg	11/21/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478903 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
m and p-Xylene	ND	1	5	ug/Kg	11/21/03	AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/03	AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/03	AM
Methylene chloride	ND	1	5	ug/Kg	11/21/03	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/03	AM
Naphthalene	ND	1	5	ug/Kg	11/21/03	AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/03	AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/03	AM
o-Xylene	ND	1	5	ug/Kg	11/21/03	AM
Pentachloroethane	ND	1	5	ug/Kg	11/21/03	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/03	AM
Propionitrile	ND	1	5	ug/Kg	11/21/03	AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/03	AM
Styrene	ND	1	5	ug/Kg	11/21/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/03	AM
Toluene	ND	1	5	ug/Kg	11/21/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03	AM
Trichloroethene	ND	1	5	ug/Kg	11/21/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/03	AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/03	AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/03	AM
Xylenes, total	ND	1	5	ug/Kg	11/21/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	95	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	114	%	70 - 135
Surr3 - Toluene-d8	98	%	70 - 135
Surr4 - p-Bromofluorobenzene	102	%	70 - 135

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478903
Matrix: SOLID
Date Sampled: 11/18/2003
Time Sampled: 14:55
Sampled By:

Client: BHATE
Client Sample ID: LF-A-7

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/24/03	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/24/03	DP
3-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	11/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	11/24/03	DP
Anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzidine	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478903
Matrix: SOLID
Date Sampled: 11/18/2003
Time Sampled: 14:55
Sampled By:

Client: BHATE
Client Sample ID: LF-A-7

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(a)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	11/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Chrysene	ND	1	333	ug/Kg	11/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	11/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Fluorene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachloroethane	ND	1	333	ug/Kg	11/24/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Isophorone	ND	1	333	ug/Kg	11/24/03	DP
Naphthalene	ND	1	333	ug/Kg	11/24/03	DP
Nitrobenzene	ND	1	333	ug/Kg	11/24/03	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/24/03	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/24/03	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
Phenanthrene	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478904 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** LF-A-7B
Date Sampled: 11/18/2003
Time Sampled: 14:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain 1						
C06 - C10	ND	1	3	mg/Kg	11/20/03	AF
C10 - C22	ND	1	3	mg/Kg	11/20/03	AF
C22 - C36	ND	1	5	mg/Kg	11/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478903 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** LF-A-7
Date Sampled: 11/18/2003
Time Sampled: 14:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Phenol	ND	1	333	ug/Kg	11/24/03	DP
Pyrene	ND	1	333	ug/Kg	11/24/03	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	82			%	17 - 122	
2-Fluorobiphenyl (sur)	68			%	30 - 115	
2-Fluorophenol (sur)	56			%	25 - 121	
Nitrobenzene-d5 (sur)	58			%	23 - 120	
Phenol-d5 (sur)	75			%	24 - 113	
Terphenyl-d14 (sur)	100			%	18 - 137	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478904 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** LF-A-7B
Date Sampled: 11/18/2003
Time Sampled: 14:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
m and p-Xylene	ND	1	5	ug/Kg	11/21/03	AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/03	AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/03	AM
Methylene chloride	ND	1	5	ug/Kg	11/21/03	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/03	AM
Naphthalene	ND	1	5	ug/Kg	11/21/03	AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/03	AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/03	AM
o-Xylene	ND	1	5	ug/Kg	11/21/03	AM
Pentachloroethane	ND	1	5	ug/Kg	11/21/03	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/03	AM
Propionitrile	ND	1	5	ug/Kg	11/21/03	AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/03	AM
Styrene	ND	1	5	ug/Kg	11/21/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/03	AM
Toluene	ND	1	5	ug/Kg	11/21/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03	AM
Trichloroethene	ND	1	5	ug/Kg	11/21/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/03	AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/03	AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/03	AM
Xylenes, total	ND	1	5	ug/Kg	11/21/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	95			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	113			%	70 - 135	
Surr3 - Toluene-d8	101			%	70 - 135	
Surr4 - p-Bromofluorobenzene	100			%	70 - 135	

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478904 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** LF-A-7B
Date Sampled: 11/18/2003
Time Sampled: 14:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/03	AM
Acetone	ND	1	50	ug/Kg	11/21/03	AM
Acetonitrile	ND	1	5	ug/Kg	11/21/03	AM
Acrolein	ND	1	200	ug/Kg	11/21/03	AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/03	AM
Allyl chloride	ND	1	5	ug/Kg	11/21/03	AM
Benzene	ND	1	5	ug/Kg	11/21/03	AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/03	AM
Bromobenzene	ND	1	5	ug/Kg	11/21/03	AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/03	AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/03	AM
Bromoform	ND	1	5	ug/Kg	11/21/03	AM
Bromomethane	ND	1	5	ug/Kg	11/21/03	AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/03	AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/03	AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
Chloroethane	ND	1	5	ug/Kg	11/21/03	AM
Chloroform	ND	1	5	ug/Kg	11/21/03	AM
Chloromethane	ND	1	5	ug/Kg	11/21/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03	AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/03	AM
Dibromomethane	ND	1	5	ug/Kg	11/21/03	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/03	AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/03	AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/03	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/03	AM
Iodomethane	ND	1	5	ug/Kg	11/21/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478904 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7B

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(a)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	11/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Chrysene	ND	1	333	ug/Kg	11/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	11/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Fluorene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachloroethane	ND	1	333	ug/Kg	11/24/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Isophorone	ND	1	333	ug/Kg	11/24/03	DP
Naphthalene	ND	1	333	ug/Kg	11/24/03	DP
Nitrobenzene	ND	1	333	ug/Kg	11/24/03	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/24/03	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/24/03	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
Phenanthrene	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478904 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7B

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/24/03	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/24/03	DP
3-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	11/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	11/24/03	DP
Anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzidine	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478905 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	ND	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
2-Hexanone	ND	1	20	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478904 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7B

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Phenol	ND	1	333	ug/Kg	11/24/03	DP
Pyrene	ND	1	333	ug/Kg	11/24/03	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	94			%	17 - 122	
2-Fluorobiphenyl (sur)	64			%	30 - 115	
2-Fluorophenol (sur)	47			%	25 - 121	
Nitrobenzene-d5 (sur)	51			%	23 - 120	
Phenol-d5 (sur)	72			%	24 - 113	
Terphenyl-d14 (sur)	102			%	18 - 137	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478905 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	91	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	105	%	70 - 135
Surr3 - Toluene-d8	103	%	70 - 135
Surr4 - p-Bromofluorobenzene	99	%	70 - 135

8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/24/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 478905 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
4-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03	AM
Acetone	ND	1	100	ug/L	11/22/03	AM
Acetonitrile	ND	1	50	ug/L	11/22/03	AM
Acrolein	ND	1	200	ug/L	11/22/03	AM
Acrylonitrile	ND	1	10	ug/L	11/22/03	AM
Allyl chloride	ND	1	5	ug/L	11/22/03	AM
Benzene	ND	1	1	ug/L	11/22/03	AM
Benzyl chloride	ND	1	5	ug/L	11/22/03	AM
Bromobenzene	ND	1	5	ug/L	11/22/03	AM
Bromochloromethane	ND	1	5	ug/L	11/22/03	AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03	AM
Bromoform	ND	1	5	ug/L	11/22/03	AM
Bromomethane	ND	1	5	ug/L	11/22/03	AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03	AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03	AM
Chlorobenzene	ND	1	5	ug/L	11/22/03	AM
Chloroethane	ND	1	5	ug/L	11/22/03	AM
Chloroform	ND	1	5	ug/L	11/22/03	AM
Chloromethane	ND	1	5	ug/L	11/22/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03	AM
Dibromomethane	ND	1	5	ug/L	11/22/03	AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03	AM
Ethyl benzene	ND	1	5	ug/L	11/22/03	AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03	AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03	AM
Iodomethane	ND	1	5	ug/L	11/22/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03	AM
m and p-Xylene	ND	1	5	ug/L	11/22/03	AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 478905 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/24/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/24/03	DP
Benzoic Acid	ND	1	10	ug/L	11/24/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/24/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/24/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/24/03	DP
Chrysene	ND	1	10	ug/L	11/24/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/24/03	DP
Dibenzofuran	ND	1	10	ug/L	11/24/03	DP
Diethylphthalate	ND	1	10	ug/L	11/24/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/24/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/24/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/24/03	DP
Fluoranthene	ND	1	10	ug/L	11/24/03	DP
Fluorene	ND	1	10	ug/L	11/24/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/24/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/24/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/24/03	DP
Hexachloroethane	ND	1	10	ug/L	11/24/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/24/03	DP
Isophorone	ND	1	10	ug/L	11/24/03	DP
Naphthalene	ND	1	10	ug/L	11/24/03	DP
Nitrobenzene	ND	1	10	ug/L	11/24/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/24/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/24/03	DP
Pentachlorophenol	ND	1	50	ug/L	11/24/03	DP
Phenanthrene	ND	1	10	ug/L	11/24/03	DP
Phenol	ND	1	10	ug/L	11/24/03	DP
Pyrene	ND	1	10	ug/L	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478905 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,3-Dichlorobenzene	ND	1	10	ug/L	11/24/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/24/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/24/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/24/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/24/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/24/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/24/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/24/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/24/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/24/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/24/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/24/03	DP
2-Methylphenol	ND	1	10	ug/L	11/24/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/24/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/24/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/24/03	DP
3-Methylphenol	ND	1	10	ug/L	11/24/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/24/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/24/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/24/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/24/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/24/03	DP
4-Methylphenol	ND	1	10	ug/L	11/24/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/24/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/24/03	DP
Acenaphthene	ND	1	10	ug/L	11/24/03	DP
Acenaphthylene	ND	1	10	ug/L	11/24/03	DP
Anthracene	ND	1	10	ug/L	11/24/03	DP
Benzidine	ND	1	50	ug/L	11/24/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/24/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/24/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478906 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	11/20/03	AF
C10 - C22	ND	1	3	mg/Kg	11/20/03	AF
C22 - C36	ND	1	5	mg/Kg	11/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478905 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	103			%	10 - 123
2-Fluorobiphenyl (sur)	81			%	43 - 116
2-Fluorophenol (sur)	61			%	21 - 110
Nitrobenzene-d5 (sur)	73			%	34 - 114
Phenol-d5 (sur)	53			%	10 - 110
Terphenyl-d14 (sur)	107			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478906 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
m and p-Xylene	ND	1	5	ug/Kg	11/21/03	AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/03	AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/03	AM
Methylene chloride	ND	1	5	ug/Kg	11/21/03	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/03	AM
Naphthalene	ND	1	5	ug/Kg	11/21/03	AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/03	AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/03	AM
o-Xylene	ND	1	5	ug/Kg	11/21/03	AM
Pentachloroethane	ND	1	5	ug/Kg	11/21/03	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/03	AM
Propionitrile	ND	1	5	ug/Kg	11/21/03	AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/03	AM
Styrene	ND	1	5	ug/Kg	11/21/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/03	AM
Toluene	ND	1	5	ug/Kg	11/21/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03	AM
Trichloroethene	ND	1	5	ug/Kg	11/21/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/03	AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/03	AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/03	AM
Xylenes, total	ND	1	5	ug/Kg	11/21/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	94			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	111			%	70 - 135	
Surr3 - Toluene-d8	100			%	70 - 135	
Surr4 - p-Bromofluorobenzene	99			%	70 - 135	

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478906 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/03	AM
Acetone	ND	1	50	ug/Kg	11/21/03	AM
Acetonitrile	ND	1	5	ug/Kg	11/21/03	AM
Acrolein	ND	1	200	ug/Kg	11/21/03	AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/03	AM
Allyl chloride	ND	1	5	ug/Kg	11/21/03	AM
Benzene	ND	1	5	ug/Kg	11/21/03	AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/03	AM
Bromobenzene	ND	1	5	ug/Kg	11/21/03	AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/03	AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/03	AM
Bromoform	ND	1	5	ug/Kg	11/21/03	AM
Bromomethane	ND	1	5	ug/Kg	11/21/03	AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/03	AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/03	AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
Chloroethane	ND	1	5	ug/Kg	11/21/03	AM
Chloroform	ND	1	5	ug/Kg	11/21/03	AM
Chloromethane	ND	1	5	ug/Kg	11/21/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03	AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/03	AM
Dibromomethane	ND	1	5	ug/Kg	11/21/03	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/03	AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/03	AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/03	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/03	AM
Iodomethane	ND	1	5	ug/Kg	11/21/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478906 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(a)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	11/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Chrysene	ND	1	333	ug/Kg	11/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	11/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Fluorene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachloroethane	ND	1	333	ug/Kg	11/24/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Isophorone	ND	1	333	ug/Kg	11/24/03	DP
Naphthalene	ND	1	333	ug/Kg	11/24/03	DP
Nitrobenzene	ND	1	333	ug/Kg	11/24/03	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/24/03	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/24/03	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
Phenanthrene	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478906 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/24/03	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/24/03	DP
3-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	11/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	11/24/03	DP
Anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzidine	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

120231

CHAIN OF CUSTODY RECORD

Date 11-19-03 Page 1 of 1

CLIENT: BHATE Environmental
ADDRESS: 1641 Vandergrift Rd. #1266
Holloman AFB NM 88330

PROJECT MANAGER: Jerry Pelfrey
PHONE NUMBER: 505-679-2100
SAMPLERS (Signature): [signature]

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled X Frozen ___
Same Day ____ 24 Hr. ____
Regular ____ 48 Hr. ____

PROJECT NAME: LandFarm

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
MW-7	FT-31	11-18-03	0925	/			5		VOC's 8260, SVOC's
MW-10	FT-31	11-18-03	0900	/			5		8270, TDS 160.1
MW-10B	FT-31	11-18-03	0900	/			5		
									RUSH!
LF-B-10	LandFarm	11-18-03	1440			/			VOC's 8260, SVOC's
LF-A-7	LandFarm	11-18-03	1455			/			8270, TPH 8015
~~LF-B-10B~~	LandFarm	11-18-03	1440			/			
	LF-A-7B, run the sample	11-18-03	1455						RUSH!
	using the ID on the jar,								
	not the COC per Kevin,								
	11-20-03 D.P. AK								

Relinquished by: (Signature) [signature] 11-19-03
Received by: (Signature) [signature]
Date/Time 11-20-03 11
Relinquished by: (Signature)
Received by Laboratory for analysis: (Signature)
Date/Time

Special Instructions: PLEASE FAX RESULTS TO 505-679-2148
FED EX # 8391 8180 8230

I hereby authorize the performance of the above indicated work.
[signature]
DISTRIBUTION: White with report, Yellow to AL, Pink to Courier

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Order #: 478906 Client: BHATE
Matrix: SOLID Client Sample ID: Laboratory Method Blank-S
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Phenol	ND	1	333	ug/Kg	11/24/03 DP
Pyrene	ND	1	333	ug/Kg	11/24/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	54			%	17 - 122
2-Fluorobiphenyl (sur)	62			%	30 - 115
2-Fluorophenol (sur)	56			%	25 - 121
Nitrobenzene-d5 (sur)	60			%	23 - 120
Phenol-d5 (sur)	83			%	24 - 113
Terphenyl-d14 (sur)	86			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

APPENDIX B

Treatment Soil Sampling Analytical Reports

CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	PINNACLE ID	: 309061
PROJECT #	: (NONE)	DATE RECEIVED	: 09/11/03
PROJECT NAME	: HAFB FT31 LANDFARM	REPORT DATE	: 09/18/03

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
309061 - 01	LFA1	NON-AQ	09/10/03
309061 - 02	LFA5	NON-AQ	09/10/03
309061 - 03	LFA111	NON-AQ	09/10/03
309061 - 04	LFA13	NON-AQ	09/10/03
309061 - 05	LFB3	NON-AQ	09/10/03
309061 - 06	LFB8	NON-AQ	09/10/03
309061 - 07	LFB11	NON-AQ	09/10/03
309061 - 08	LFB14	NON-AQ	09/10/03

Pinnacle Lab ID number **309061**
September 18, 2003

BHATE ENVIRONMENTAL ASSOCIATES
1641 VANDER GRIFT RD. BLDG. 1266
HOLLOMAN AFB, NM 88330

Project Name HAFB FT31 LANDFARM
Project Number (NONE)

Attention: JERRY PELFREY

On 09/11/03 Pinnacle Laboratories Inc., (ADHS Lincense No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

EPA method 8270 analyses were performed by Environmental Services Laboratory, Inc. Portland, OR.

All remaining analyses were performed by Pinnacle Laboratories, Inc. Albuquerque, NM.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-01	LFA1	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.54**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**0.09**	**MG/KG**
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	**0.15**	**0.15**	**MG/KG**
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	**0.25**	**0.83**	**MG/KG**
1-Methyl Naphthalene (90-12-0)	**0.25**	**1.8**	**MG/KG**

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	92 (70 - 121)
Toluene-d8	100 (84 - 138)
Bromofluorobenzene	102 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-01	LFA1	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-02	LFA5	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	**0.11**	**MG/KG**
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	**0.76**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	**0.18**	**MG/KG**
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	**0.48**	**MG/KG**
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	**2.6**	**MG/KG**
1-Methyl Naphthalene (90-12-0)	0.25	**1.8**	**MG/KG**

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	95 (70 - 121)
Toluene-d8	105 (84 - 138)
Bromofluorobenzene	107 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-02	LFA5	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	09/11/03
PROJECT #	: (NONE)	INSTRUMENT	GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-03	LFA11	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	**0.05**	**0.46**	**MG/KG**
o-Xylene (95-47-6)	**0.05**	**0.84**	**MG/KG**
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	**0.05**	**0.09**	**MG/KG**
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**2.0**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**2.3**	**MG/KG**
sec-Butylbenzene (135-98-8)	**0.05**	**0.05**	**MG/KG**
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	**0.05**	**0.07**	**MG/KG**
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	**0.15**	**1.9**	**MG/KG**
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	**0.25**	**4.0**	**MG/KG**
1-Methyl Naphthalene (90-12-0)	**0.25**	**2.0**	**MG/KG**

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	91	(70 - 121)
Toluene-d8	101	(84 - 138)
Bromofluorobenzene	102	(59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-03	LFA11	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-04	LFA13	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	**0.05**	**0.09**	**MG/KG**
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.42**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**0.06**	**MG/KG**
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	**0.15**	**0.80**	**MG/KG**
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	**0.25**	**2.8**	**MG/KG**
1-Methyl Naphthalene (90-12-0)	**0.25**	**1.6**	**MG/KG**

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	101 (70 - 121)
Toluene-d8	110 (84 - 138)
Bromofluorobenzene	111 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-04	LFA13	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-05	LFB3	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.09**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	98 (70 - 121)
Toluene-d8	106 (84 - 138)
Bromofluorobenzene	105 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-05	LFB3	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-06	LFB8	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.31**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**0.07**	**MG/KG**
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	**0.15**	**0.53**	**MG/KG**
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	**0.25**	**2.3**	**MG/KG**
1-Methyl Naphthalene (90-12-0)	**0.25**	**1.5**	**MG/KG**

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	98 (70 - 121)
Toluene-d8	109 (84 - 138)
Bromofluorobenzene	111 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-06	LFB8	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-07	LFB11	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	**0.05**	**0.17**	**MG/KG**
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	**0.05**	**0.30**	**MG/KG**
o-Xylene (95-47-6)	**0.05**	**0.36**	**MG/KG**
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	**0.05**	**0.06**	**MG/KG**
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	**0.05**	**0.25**	**MG/KG**
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**1.1**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**1.4**	**MG/KG**
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	**0.05**	**0.19**	**MG/KG**
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	**0.15**	**0.31**	**MG/KG**
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	**0.25**	**0.92**	**MG/KG**
1-Methyl Naphthalene (90-12-0)	**0.25**	**1.4**	**MG/KG**

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	95	(70 - 121)
Toluene-d8	104	(84 - 138)
Bromofluorobenzene	105	(59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-07	LFB11	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-6)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-08	LFB14	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	**0.05**	**1.3**	**MG/KG**
o-Xylene (95-47-6)	**0.05**	**2.1**	**MG/KG**
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	**0.05**	**0.06**	**MG/KG**
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	**0.05**	**0.10**	**MG/KG**
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**3.2**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**5.4**	**MG/KG**
sec-Butylbenzene (135-98-8)	**0.05**	**0.13**	**MG/KG**
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	**0.05**	**0.10**	**MG/KG**
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	**0.15**	**2.8**	**MG/KG**
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	**0.25**	**5.3**	**MG/KG**
1-Methyl Naphthalene (90-12-0)	**0.25**	**2.5**	**MG/KG**

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	85 (70 - 121)
Toluene-d8	101 (84 - 138)
Bromofluorobenzene	102 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/11/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309061-08	LFB14	SOIL	09/10/03	09/11/03	09/12/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES		
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	091103B	SOIL	09/11/03	09/12/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	94
	(70 - 121)
Toluene-d8	101
	(84 - 138)
Bromofluorobenzene	101
	(59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES		
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	091103B	SOIL	09/11/03	09/12/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
SPIKED SAMPLE	: 309061-02	DATE ANALYZED	: 09/12/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	UNITS	: mg/kg (PPM)
PROJECT #	: (NONE)	MATRIX	: SOIL
PROJECT NAME	: HAFB FT31 LANDFARM	INSTRUMENT	: GCMS2
		ANALYST	: DSR

COMPOUND	SAMPLE CONC.	SPIKE ADDED	MS RESULT	MSD RESULT	MS %REC	MSD %REC	RPD	QC LIMITS RPD	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	<0.05	2.50	2.42	2.60	97	104	7	22	59-172
BENZENE	<0.05	2.50	2.33	2.44	93	98	5	21	66-142
TRICHLOROETHENE	<0.05	2.50	2.34	2.48	94	99	6	24	62-137
TOLUENE	<0.05	2.50	2.46	2.59	98	104	5	21	59-139
CHLOROBENZENE	<0.05	2.50	2.40	2.48	96	99	3	21	60-133

LABORATORY CONTROL SPIKE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309061
BATCH	: 091103B	DATE ANALYZED	: 09/12/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	UNITS	: mg/kg (PPM)
PROJECT #	: (NONE)	MATRIX	: SOIL
PROJECT NAME	: HAFB FT31 LANDFARM	INSTRUMENT	: GCMS2
		ANALYST	: DSR

COMPOUND	SPIKE ADDED	LCS RESULT	LCS % RECOVERY	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	2.50	2.26	90	59-172
BENZENE	2.50	2.11	84	66-142
TRICHLOROETHENE	2.50	2.12	85	62-137
TOLUENE	2.50	2.19	88	59-139
CHLOROBENZENE	2.50	2.19	88	60-133

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : BHATE ENVIRONMENTAL ASSOCIATES
PROJECT # : (NONE)
PROJECT NAME : HAFB FT31 LANDFARM

PINNACLE I.D. : 309061
ANALYST : VP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	LFA13	NON-AQ	09/10/03	09/11/03	09/11/03	10
05	LFB3	NON-AQ	09/10/03	09/11/03	09/11/03	10
06	LFB8	NON-AQ	09/10/03	09/11/03	09/11/03	10

PARAMETER	DET. LIMIT	UNITS	LFA13	LFB3	LFB8
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 100	< 100	< 100
FUEL HYDROCARBONS, C10-C22	10	MG/KG	< 100	< 100	< 100
FUEL HYDROCARBONS, C22-C36	10	MG/KG	< 100	< 100	< 100
CALCULATED SUM:					
SURROGATE:					
O-TERPHENYL (%)			88	90	87
SURROGATE LIMITS	(70-130)				

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : BHATE ENVIRONMENTAL ASSOCIATES
PROJECT # : (NONE)
PROJECT NAME : HAFB FT31 LANDFARM

PINNACLE I.D. : 309061
ANALYST : VP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	LFA1	NON-AQ	09/10/03	09/11/03	09/11/03	10
02	LFA5	NON-AQ	09/10/03	09/11/03	09/11/03	10
03	LFA11	NON-AQ	09/10/03	09/11/03	09/11/03	10

PARAMETER	DET. LIMIT	UNITS	LFA1	LFA5	LFA11
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 100	< 100	< 100
FUEL HYDROCARBONS, C10-C22	10	**MG/KG**	< 100	**160**	**110**
FUEL HYDROCARBONS, C22-C36	10	MG/KG	< 100	< 100	< 100
CALCULATED SUM:				**160**	**110**
SURROGATE:					
O-TERPHENYL (%)			88	98	98
SURROGATE LIMITS	(70-130)				

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309061
BLANK I.D.	: 091103	DATE EXTRACTED	: 09/11/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE ANALYZED	: 09/11/03
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: HAFB FT31 LANDFARM	ANALYST	: VP

PARAMETER	UNITS	
FUEL HYDROCARBONS, C6-C10	MG/KG	< 10
FUEL HYDROCARBONS, C10-C22	MG/KG	< 10
FUEL HYDROCARBONS, C22-C36	MG/KG	< 10

SURROGATE:
O-TERPHENYL (%) 91
SURROGATE LIMITS (70-130)

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY RESULTS

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)		
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	PINNACLE I.D.	: 309061
PROJECT #	: (NONE)	ANALYST	: VP
PROJECT NAME	: HAFB FT31 LANDFARM		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
07	LFB11	NON-AQ	09/10/03	09/11/03	09/11/03	10
08	LFB14	NON-AQ	09/10/03	09/11/03	09/11/03	10

PARAMETER	DET. LIMIT	UNITS	LFB11	LFB14
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 100	< 100
FUEL HYDROCARBONS, C10-C22	10	**MG/KG**	**150**	**180**
FUEL HYDROCARBONS, C22-C36	10	**MG/KG**	< 100	**130**
CALCULATED SUM:			**150**	**310**

SURROGATE:
O-TERPHENYL (%) 99 93
SURROGATE LIMITS (70-130)

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY QUALITY CONTROL
MSMSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309061
MSMSD #	: 309057-01	DATE EXTRACTED	: 09/11/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE ANALYZED	: 09/11/03
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: HAFB FT31 LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	13	200	258	123	253	120	2	(70-130)	20

CHEMIST NOTES:
N/A

$$\frac{\text{(Spike Sample Result - Sample Result)}}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{\text{(Sample Result - Duplicate Result)}}{\text{Average Result}} \times 100$$

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309061
LCS/LCSD #	: 091103	DATE EXTRACTED	: 09/11/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE ANALYZED	: 09/11/03
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: HAFB FT31 LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	230	115	216	108	6	(70-130)	20

CHEMIST NOTES:
N/A

$$\frac{\text{(Spike Sample Result - Sample Result)}}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{\text{(Sample Result - Duplicate Result)}}{\text{Average Result}} \times 100$$

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA1
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-01A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/13/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/13/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/13/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/13/03
2-Methylnaphthalene	0.10	0.067		mg/Kg	1	9/13/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/13/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/13/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/13/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/13/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/13/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/13/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/13/03
Acetophenone	ND	0.13		mg/Kg	1	9/13/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/13/03
Aniline	ND	0.067		mg/Kg	1	9/13/03
Anthracene	ND	0.067		mg/Kg	1	9/13/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory, Inc.

E S L

17400 SW Upper Boones Ferry Road, Suite 270 • Portland, OR 97224 • (503) 670-8520

September 15, 2003

Jacinta A. Tenorio
Pinnacle Laboratories
2709-D Pan American Fwy NE
Albuquerque, NM 87107

TEL: 505-344-3777
FAX (505) 344-4413

RE: 309061/HAFG FT31 LANDFARM

Order No.: 0309089

Dear Jacinta A. Tenorio:

Environmental Services Laboratory received 8 samples on 9/11/03 for the analyses presented in the following report.

There were no analytical problems encountered and all analytical data met requirements established under NELAC protocol or laboratory specifications except where noted in a Case Narrative. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety, without the written approval of the laboratory. The following checked data sections are included in this report.

✓ Base Sample Report ✓ Method Blank Report ✓ Sample Duplicate Report __ Matrix Spike/Matrix Spike Duplicate Report ✓ Laboratory Control Spike/Spike Duplicate Report ✓ Continuing Calibration Verification Report __ Initial Calibration Verification Report

If you have any questions regarding these tests results, please feel free to call.

Project Manager

Technical Review

ANALYTICAL SERVICES FOR THE ENVIRONMENT

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA1
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-01A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/13/03
Phenol	ND	0.067		mg/Kg	1	9/13/03
Pyrene	ND	0.067		mg/Kg	1	9/13/03
Pyridine	ND	0.067		mg/Kg	1	9/13/03
Surr: 2,4,6-Tribromophenol	62.2	19-122		%REC	1	9/13/03
Surr: 2-Fluorobiphenyl	66.5	30-115		%REC	1	9/13/03
Surr: 2-Fluorophenol	46.9	25-121		%REC	1	9/13/03
Surr: 4-Terphenyl-d14	66.1	18-137		%REC	1	9/13/03
Surr: Nitrobenzene-d5	58.6	23-120		%REC	1	9/13/03
Surr: Phenol-d5	30.0	24-113		%REC	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA1
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-01A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/13/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/13/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Carbazole	ND	0.13		mg/Kg	1	9/13/03
Chrysene	ND	0.067		mg/Kg	1	9/13/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/13/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/13/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
Fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Fluorene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/13/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/13/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/13/03
Isophorone	ND	0.067		mg/Kg	1	9/13/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
N-Decane	ND	0.067		mg/Kg	1	9/13/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/13/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/13/03
N-Octadecane	ND	0.067		mg/Kg	1	9/13/03
Naphthalene	ND	0.067		mg/Kg	1	9/13/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/13/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/13/03
Phenacetin	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA5
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-02A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/13/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/13/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Carbazole	ND	0.13		mg/Kg	1	9/13/03
Chrysene	ND	0.067		mg/Kg	1	9/13/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/13/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/13/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
Fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Fluorene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/13/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/13/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/13/03
Isophorone	ND	0.067		mg/Kg	1	9/13/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
N-Decane	0.22	0.067		mg/Kg	1	9/13/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/13/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/13/03
N-Octadecane	ND	0.067		mg/Kg	1	9/13/03
Naphthalene	0.26	0.067		mg/Kg	1	9/13/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/13/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/13/03
Phenacetin	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA5
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-02A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/13/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/13/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/13/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/13/03
2-Methylnaphthalene	1.2	0.067		mg/Kg	1	9/13/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/13/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/13/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/13/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/13/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/13/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/13/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/13/03
Acetophenone	ND	0.13		mg/Kg	1	9/13/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/13/03
Aniline	ND	0.067		mg/Kg	1	9/13/03
Anthracene	ND	0.067		mg/Kg	1	9/13/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA11
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-03A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/13/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/13/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/13/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/13/03
2-Methylnaphthalene	1.2	0.067		mg/Kg	1	9/13/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/13/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/13/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/13/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/13/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/13/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/13/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/13/03
Acetophenone	ND	0.13		mg/Kg	1	9/13/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/13/03
Aniline	ND	0.067		mg/Kg	1	9/13/03
Anthracene	ND	0.067		mg/Kg	1	9/13/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA5
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-02A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/13/03
Phenol	ND	0.067		mg/Kg	1	9/13/03
Pyrene	ND	0.067		mg/Kg	1	9/13/03
Pyridine	ND	0.067		mg/Kg	1	9/13/03
Surr: 2,4,6-Tribromophenol	58.1	19-122		%REC	1	9/13/03
Surr: 2-Fluorobiphenyl	63.3	30-115		%REC	1	9/13/03
Surr: 2-Fluorophenol	43.2	25-121		%REC	1	9/13/03
Surr: 4-Terphenyl-d14	62.4	18-137		%REC	1	9/13/03
Surr: Nitrobenzene-d5	55.0	23-120		%REC	1	9/13/03
Surr: Phenol-d5	26.6	24-113		%REC	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA11
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-03A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/13/03
Phenol	ND	0.067		mg/Kg	1	9/13/03
Pyrene	ND	0.067		mg/Kg	1	9/13/03
Pyridine	ND	0.067		mg/Kg	1	9/13/03
Surr: 2,4,6-Tribromophenol	48.5	19-122		%REC	1	9/13/03
Surr: 2-Fluorobiphenyl	54.2	30-115		%REC	1	9/13/03
Surr: 2-Fluorophenol	36.7	25-121		%REC	1	9/13/03
Surr: 4-Terphenyl-d14	53.0	18-137		%REC	1	9/13/03
Surr: Nitrobenzene-d5	45.4	23-120		%REC	1	9/13/03
Surr: Phenol-d5	21.9	24-113	S, MI	%REC	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA11
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-03A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/13/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/13/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Carbazole	ND	0.13		mg/Kg	1	9/13/03
Chrysene	ND	0.067		mg/Kg	1	9/13/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/13/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/13/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
Fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Fluorene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/13/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/13/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/13/03
Isophorone	ND	0.067		mg/Kg	1	9/13/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
N-Decane	ND	0.067		mg/Kg	1	9/13/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/13/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/13/03
N-Octadecane	ND	0.067		mg/Kg	1	9/13/03
Naphthalene	0.61	0.067		mg/Kg	1	9/13/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/13/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/13/03
Phenacetin	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA13
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-04A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/13/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/13/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Carbazole	ND	0.13		mg/Kg	1	9/13/03
Chrysene	ND	0.067		mg/Kg	1	9/13/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/13/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/13/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
Fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Fluorene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/13/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/13/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/13/03
Isophorone	ND	0.067		mg/Kg	1	9/13/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
N-Decane	0.14	0.067		mg/Kg	1	9/13/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/13/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/13/03
N-Octadecane	ND	0.067		mg/Kg	1	9/13/03
Naphthalene	0.28	0.067		mg/Kg	1	9/13/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/13/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/13/03
Phenacetin	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA13
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-04A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/13/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/13/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/13/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/13/03
2-Methylnaphthalene	1.2	0.067		mg/Kg	1	9/13/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/13/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/13/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/13/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/13/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/13/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/13/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/13/03
Acetophenone	ND	0.13		mg/Kg	1	9/13/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/13/03
Aniline	ND	0.067		mg/Kg	1	9/13/03
Anthracene	ND	0.067		mg/Kg	1	9/13/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFAB3
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-05A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/13/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/13/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/13/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/13/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/13/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/13/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/13/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/13/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/13/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/13/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/13/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/13/03
Acetophenone	ND	0.13		mg/Kg	1	9/13/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/13/03
Aniline	ND	0.067		mg/Kg	1	9/13/03
Anthracene	ND	0.067		mg/Kg	1	9/13/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA13
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-04A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	0.075	0.067		mg/Kg	1	9/13/03
Phenol	ND	0.067		mg/Kg	1	9/13/03
Pyrene	ND	0.067		mg/Kg	1	9/13/03
Pyridine	ND	0.067		mg/Kg	1	9/13/03
Surr: 2,4,6-Tribromophenol	57.3	19-122		%REC	1	9/13/03
Surr: 2-Fluorobiphenyl	63.3	30-115		%REC	1	9/13/03
Surr: 2-Fluorophenol	42.8	25-121		%REC	1	9/13/03
Surr: 4-Terphenyl-d14	57.6	18-137		%REC	1	9/13/03
Surr: Nitrobenzene-d5	70.9	23-120		%REC	1	9/13/03
Surr: Phenol-d5	27.6	24-113		%REC	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFAB3
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-05A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Phenanthrene	ND	0.067		mg/Kg	1	9/13/03
Phenol	ND	0.067		mg/Kg	1	9/13/03
Pyrene	ND	0.067		mg/Kg	1	9/13/03
Pyridine	ND	0.067		mg/Kg	1	9/13/03
Surr: 2,4,6-Tribromophenol	55.8	19-122		%REC	1	9/13/03
Surr: 2-Fluorobiphenyl	56.8	30-115		%REC	1	9/13/03
Surr: 2-Fluorophenol	41.0	25-121		%REC	1	9/13/03
Surr: 4-Terphenyl-d14	60.2	18-137		%REC	1	9/13/03
Surr: Nitrobenzene-d5	48.2	23-120		%REC	1	9/13/03
Surr: Phenol-d5	27.2	24-113		%REC	1	9/13/03

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFAB3
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-05A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/13/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/13/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Carbazole	ND	0.13		mg/Kg	1	9/13/03
Chrysene	ND	0.067		mg/Kg	1	9/13/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/13/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/13/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
Fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Fluorene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/13/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/13/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/13/03
Isophorone	ND	0.067		mg/Kg	1	9/13/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
N-Decane	ND	0.067		mg/Kg	1	9/13/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/13/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/13/03
N-Octadecane	ND	0.067		mg/Kg	1	9/13/03
Naphthalene	ND	0.067		mg/Kg	1	9/13/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/13/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/13/03
Phenacetin	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFAB8
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-06A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/13/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/13/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Carbazole	ND	0.13		mg/Kg	1	9/13/03
Chrysene	ND	0.067		mg/Kg	1	9/13/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/13/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/13/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
Fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Fluorene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/13/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/13/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/13/03
Isophorone	ND	0.067		mg/Kg	1	9/13/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
N-Decane	0.17	0.067		mg/Kg	1	9/13/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/13/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/13/03
N-Octadecane	ND	0.067		mg/Kg	1	9/13/03
Naphthalene	0.15	0.067		mg/Kg	1	9/13/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/13/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/13/03
Phenacetin	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFAB8
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-06A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/13/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/13/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/13/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/13/03
2-Methylnaphthalene	0.74	0.067		mg/Kg	1	9/13/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/13/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/13/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/13/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/13/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/13/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/13/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/13/03
Acetophenone	ND	0.13		mg/Kg	1	9/13/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/13/03
Aniline	ND	0.067		mg/Kg	1	9/13/03
Anthracene	ND	0.067		mg/Kg	1	9/13/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFAB11
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-07A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/13/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/13/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/13/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/13/03
2-Methylnaphthalene	0.29	0.067		mg/Kg	1	9/13/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/13/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/13/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/13/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/13/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/13/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/13/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/13/03
Acetophenone	ND	0.13		mg/Kg	1	9/13/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/13/03
Aniline	ND	0.067		mg/Kg	1	9/13/03
Anthracene	ND	0.067		mg/Kg	1	9/13/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFAB8
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-06A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/13/03
Phenol	ND	0.067		mg/Kg	1	9/13/03
Pyrene	ND	0.067		mg/Kg	1	9/13/03
Pyridine	ND	0.067		mg/Kg	1	9/13/03
Surr: 2,4,6-Tribromophenol	53.9	19-122		%REC	1	9/13/03
Surr: 2-Fluorobiphenyl	57.4	30-115		%REC	1	9/13/03
Surr: 2-Fluorophenol	40.5	25-121		%REC	1	9/13/03
Surr: 4-Terphenyl-d14	56.0	18-137		%REC	1	9/13/03
Surr: Nitrobenzene-d5	48.0	23-120		%REC	1	9/13/03
Surr: Phenol-d5	25.3	24-113		%REC	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFAB11
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-07A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Phenanthrene	ND	0.067		mg/Kg	1	9/13/03
Phenol	ND	0.067		mg/Kg	1	9/13/03
Pyrene	ND	0.067		mg/Kg	1	9/13/03
Pyridine	ND	0.067		mg/Kg	1	9/13/03
Surr: 2,4,6-Tribromophenol	55.1	19-122		%REC	1	9/13/03
Surr: 2-Fluorobiphenyl	58.4	30-115		%REC	1	9/13/03
Surr: 2-Fluorophenol	41.1	25-121		%REC	1	9/13/03
Surr: 4-Terphenyl-d14	61.6	18-137		%REC	1	9/13/03
Surr: Nitrobenzene-d5	48.4	23-120		%REC	1	9/13/03
Surr: Phenol-d5	25.3	24-113		%REC	1	9/13/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFAB11
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-07A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/13/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/13/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Carbazole	ND	0.13		mg/Kg	1	9/13/03
Chrysene	ND	0.067		mg/Kg	1	9/13/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/13/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/13/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
Fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Fluorene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/13/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/13/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/13/03
Isophorone	ND	0.067		mg/Kg	1	9/13/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
N-Decane	0.20	0.067		mg/Kg	1	9/13/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/13/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/13/03
N-Octadecane	ND	0.067		mg/Kg	1	9/13/03
Naphthalene	ND	0.067		mg/Kg	1	9/13/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/13/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/13/03
Phenacetin	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFAB14
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-08A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/13/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/13/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/13/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Carbazole	ND	0.13		mg/Kg	1	9/13/03
Chrysene	ND	0.067		mg/Kg	1	9/13/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/13/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/13/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/13/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
Fluoranthene	ND	0.067		mg/Kg	1	9/13/03
Fluorene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/13/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/13/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/13/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/13/03
Isophorone	ND	0.067		mg/Kg	1	9/13/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/13/03
N-Decane	0.37	0.067		mg/Kg	1	9/13/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/13/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/13/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/13/03
N-Octadecane	ND	0.067		mg/Kg	1	9/13/03
Naphthalene	0.84	0.067		mg/Kg	1	9/13/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/13/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/13/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/13/03
Phenacetin	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *15-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFAB14
Lab Order:	0309089	**Tag Number:**	
Project:	309061/HAFG FT31 LANDFARM	**Collection Date:**	9/10/03
Lab ID:	0309089-08A	**Matrix:**	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/13/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/13/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/13/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/13/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/13/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/13/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/13/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/13/03
2-Methylnaphthalene	1.7	0.067		mg/Kg	1	9/13/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/13/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/13/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/13/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/13/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/13/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/13/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/13/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/13/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/13/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthene	ND	0.067		mg/Kg	1	9/13/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/13/03
Acetophenone	ND	0.13		mg/Kg	1	9/13/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/13/03
Aniline	ND	0.067		mg/Kg	1	9/13/03
Anthracene	ND	0.067		mg/Kg	1	9/13/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/13/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/13/03

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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R - RPD outside accepted recovery limits
E - Value above quantitation range

CLIENT: Pinnacle Laboratories
Work Order: 0309089
Project: 309061/HAFG FT31 LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **MB-6203** SampType: **MBLK** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/12/03** Run ID: **MANFREDD_030913A**
Client ID: **ZZZZZ** Batch ID: **6203** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/13/03** SeqNo: **179870**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4,5-Tetrachlorobenzene	ND	0.067									
1,2,4-Trichlorobenzene	ND	0.067									
1,2-Dichlorobenzene	ND	0.067									
1,2-Diphenylhydrazine	ND	0.067									
1,3-Dichlorobenzene	ND	0.067									
1,4-Dichlorobenzene	ND	0.067									
2,3,4,6-Tetrachlorophenol	ND	0.067									
2,4,5-Trichlorophenol	ND	0.067									
2,4,6-Trichlorophenol	ND	0.067									
2,4-Dichlorophenol	ND	0.067									
2,4-Dimethylphenol	ND	0.067									
2,4-Dinitrophenol	ND	0.67									
2,4-Dinitrotoluene	ND	0.067									
2,6-Dichlorophenol	ND	0.067									
2,6-Dinitrotoluene	ND	0.067									
2-Chloronaphthalene	ND	0.067									
2-Chlorophenol	ND	0.067									
2-Methylnaphthalene	ND	0.067									
2-Methylphenol	ND	0.067									
2-Nitroaniline	ND	0.067									
2-Nitrophenol	ND	0.067									
3&4-Methylphenol	ND	0.13									
3-Methylcholanthrene	ND	0.067									
3-Nitroaniline	ND	0.067									
4,6-Dinitro-2-methylphenol	ND	0.20									
4-Aminobiphenyl	ND	0.10									
4-Bromophenyl phenyl ether	ND	0.067									
4-Chloro-3-methylphenol	ND	0.067									
4-Chlorophenyl phenyl ether	ND	0.067									
4-Nitroaniline	ND	0.067									

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Pinnacle Laboratories
Lab Order: 0309089
Project: 309061/HAFG FT31 LANDFARM
Lab ID: 0309089-08A

Client Sample ID: LFAB14
Tag Number:
Collection Date: 9/10/03
Matrix: SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C (3550B)				Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/13/03
Phenol	ND	0.067		mg/Kg	1	9/13/03
Pyrene	ND	0.067		mg/Kg	1	9/13/03
Pyridine	ND	0.067		mg/Kg	1	9/13/03
Surr: 2,4,6-Tribromophenol	47.8	19-122		%REC	1	9/13/03
Surr: 2-Fluorobiphenyl	52.6	30-115		%REC	1	9/13/03
Surr: 2-Fluorophenol	36.0	25-121		%REC	1	9/13/03
Surr: 4-Terphenyl-d14	49.8	18-137		%REC	1	9/13/03
Surr: Nitrobenzene-d5	46.8	23-120		%REC	1	9/13/03
Surr: Phenol-d5	24.1	24-113		%REC	1	9/13/03

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; B - Analyte detected in the associated Method Blank; * - Value exceeds Maximum Contaminant Level; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; E - Value above quantitation range

CLIENT: Pinnacle Laboratories
Work Order: 0309089
Project: 309061/HAFG FT31 LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: MB-6203	SampType: MBLK	TestCode: 06 8270 S	Units: mg/Kg	Prep Date: 9/12/03	Run ID: MANFREDD_030913A
Client ID: ZZZZZ	Batch ID: 6203	TestNo: EPA 8270C	(3550B)	Analysis Date: 9/13/03	SeqNo: 179870

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	0.067									
Hexachlorocyclopentadiene	ND	0.20									
Hexachloroethane	ND	0.067									
Indeno(1,2,3-cd)pyrene	ND	0.067									
Isophorone	ND	0.067									
Methyl methanesulfonate	ND	0.067									
N-Decane	ND	0.067									
N-Nitroso-di-n-butylamine	ND	0.13									
N-Nitrosodi-n-propylamine	ND	0.067									
N-Nitrosodiphenylamine	ND	0.067									
N-Nitrosopiperidine	ND	0.067									
N-Octadecane	ND	0.067									
Naphthalene	ND	0.067									
Nitrobenzene	ND	0.067									
p-Aminoazobenzene	ND	0.067									
Pentachlorobenzene	ND	0.067									
Pentachloronitrobenzene	ND	0.067									
Pentachlorophenol	ND	0.10									
Phenacetin	ND	0.067									
Phenanthrene	ND	0.067									
Phenol	ND	0.067									
Pyrene	ND	0.067									
Pyridine	ND	0.067									
Surr: 2,4,6-Tribromophenol	2.14	0	3.33	0	64.2	19	122	0	0		
Surr: 2-Fluorobiphenyl	1.03	0	1.66	0	62.2	30	115	0	0		
Surr: 2-Fluorophenol	2.21	0	3.33	0	66.4	25	121	0	0		
Surr: 4-Terphenyl-d14	1.14	0	1.66	0	68.5	18	137	0	0		
Surr: Nitrobenzene-d5	0.903	0	1.66	0	54.4	23	120	0	0		
Surr: Phenol-d5	2.21	0	3.33	0	66.4	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309089
Project: 309061/HAFG FT31 LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: MB-6203	SampType: MBLK	TestCode: 06 8270 S	Units: mg/Kg	Prep Date: 9/12/03	Run ID: MANFREDD_030913A
Client ID: ZZZZZ	Batch ID: 6203	TestNo: EPA 8270C	(3550B)	Analysis Date: 9/13/03	SeqNo: 179870

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	ND	0.067									
7,12-Dimethylbenz(a)anthracene	ND	0.067									
Acenaphthene	ND	0.067									
Acenaphthylene	ND	0.067									
Acetophenone	ND	0.13									
alpha-Terpinol	ND	0.30									
Aniline	ND	0.067									
Anthracene	ND	0.067									
Benz(a)anthracene	ND	0.067									
Benzo(a)pyrene	ND	0.067									
Benzo(b)fluoranthene	ND	0.067									
Benzo(g,h,i)perylene	ND	0.067									
Benzo(k)fluoranthene	ND	0.067									
Benzyl alcohol	ND	0.067									
Bis(2-chloroethoxy)methane	ND	0.067									
Bis(2-chloroethyl)ether	ND	0.067									
Bis(2-chloroisopropyl)ether	ND	0.067									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Butyl benzyl phthalate	ND	0.067									
Carbazole	ND	0.13									
Chrysene	ND	0.067									
Di-n-butyl phthalate	ND	0.067									
Di-n-octyl phthalate	ND	0.067									
Dibenz(a,h)anthracene	ND	0.067									
Dibenzofuran	ND	0.067									
Diethyl phthalate	ND	0.067									
Dimethyl phthalate	ND	0.067									
Ethyl methanesulfonate	ND	0.067									
Fluoranthene	ND	0.067									
Fluorene	ND	0.067									
Hexachlorobenzene	ND	0.067									

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309089
Project: 309061/HAFG FT31 LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **LCSD-6203** SampType: **LCSD** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/11/03** Run ID: **MANFREDD_030913A**
Client ID: **ZZZZZ** Batch ID: **6203** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/13/03** SeqNo: **179872**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	2.41	0.067	3.33	0	72.4	5	112	2.12	13.0	20	
Pyrene	1.33	0.067	1.66	0	79.9	52	115	1.25	5.95	20	
Surr: 2,4,6-Tribromophenol	2.69	0	3.33	0	80.9	19	122	0	0	0	
Surr: 2-Fluorobiphenyl	1.33	0	1.66	0	80.1	30	115	0	0	0	
Surr: 2-Fluorophenol	2.45	0	3.33	0	73.6	25	121	0	0	0	
Surr: 4-Terphenyl-d14	1.21	0	1.66	0	72.7	18	137	0	0	0	
Surr: Nitrobenzene-d5	1.09	0	1.66	0	65.7	23	120	0	0	0	
Surr: Phenol-d5	2.36	0	3.33	0	70.9	24	113	0	0	0	

Sample ID: **0309089-01A MS** SampType: **MS** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/11/03** Run ID: **MANFREDD_030913A**
Client ID: **LFA1** Batch ID: **6203** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/13/03** SeqNo: **179874**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	0.923	0.067	1.66	0	55.6	44	142	0	0		
1,4-Dichlorobenzene	1.05	0.067	1.66	0	63.5	20	124	0	0		
2,4-Dinitrotoluene	0.867	0.067	1.66	0	52.2	39	139	0	0		
2-Chlorophenol	1.63	0.067	3.33	0	48.9	23	134	0	0		
4-Chloro-3-methylphenol	0.613	0.067	3.33	0	18.4	22	147	0	0		S, MI
4-Nitrophenol	ND	0.067	3.33	0	0	1	132	0	0		S, MI
Acenaphthene	0.867	0.067	1.66	0	52.2	47	145	0	0		
N-Nitrosodi-n-propylamine	0.41	0.067	1.66	0	24.7	1	230	0	0		
Pentachlorophenol	ND	0.10	3.33	0	0	14	176	0	0		S, MI
Phenol	0.35	0.067	3.33	0	10.5	5	112	0	0		
Pyrene	0.98	0.067	1.66	0	59	52	115	0	0		
Surr: 2,4,6-Tribromophenol	1.7	0	3.33	0	51.2	19	122	0	0		
Surr: 2-Fluorobiphenyl	0.983	0	1.66	0	59.2	30	115	0	0		
Surr: 2-Fluorophenol	0.93	0	3.33	0	27.9	25	121	0	0		
Surr: 4-Terphenyl-d14	0.913	0	1.66	0	55	18	137	0	0		
Surr: Nitrobenzene-d5	0.803	0	1.66	0	48.4	23	120	0	0		
Surr: Phenol-d5	0.397	0	3.33	0	11.9	24	113	0	0		S, MI

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309089
Project: 309061/HAFG FT31 LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **LCS-6203** SampType: **LCS** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/12/03** Run ID: **MANFREDD_030913A**
Client ID: **ZZZZZ** Batch ID: **6203** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/13/03** SeqNo: **179871**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.21	0.067	1.66	0	72.9	44	142	0	0		
1,4-Dichlorobenzene	1.18	0.067	1.66	0	71.3	20	124	0	0		
2,4-Dinitrotoluene	1.21	0.067	1.66	0	72.9	39	139	0	0		
2-Chlorophenol	2.47	0.067	3.33	0	74.2	23	134	0	0		
4-Chloro-3-methylphenol	2.58	0.067	3.33	0	77.6	22	147	0	0		
4-Nitrophenol	2.25	0.067	3.33	0	67.5	1	132	0	0		
Acenaphthene	1.29	0.067	1.66	0	77.9	47	145	0	0		
N-Nitrosodi-n-propylamine	1.08	0.067	1.66	0	65.1	1	230	0	0		
Pentachlorophenol	2	0.10	3.33	0	60	14	176	0	0		
Phenol	2.12	0.067	3.33	0	63.6	5	112	0	0		
Pyrene	1.25	0.067	1.66	0	75.3	52	115	0	0		
Surr: 2,4,6-Tribromophenol	2.48	0	3.33	0	74.5	19	122	0	0		
Surr: 2-Fluorobiphenyl	1.21	0	1.66	0	72.7	30	115	0	0		
Surr: 2-Fluorophenol	2.25	0	3.33	0	67.6	25	121	0	0		
Surr: 4-Terphenyl-d14	1.17	0	1.66	0	70.3	18	137	0	0		
Surr: Nitrobenzene-d5	1.17	0	1.66	0	70.3	23	120	0	0		
Surr: Phenol-d5	2.23	0	3.33	0	67	24	113	0	0		

Sample ID: **LCSD-6203** SampType: **LCSD** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/11/03** Run ID: **MANFREDD_030913A**
Client ID: **ZZZZZ** Batch ID: **6203** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/13/03** SeqNo: **179872**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.33	0.067	1.66	0	79.9	44	142	1.21	9.20	20	
1,4-Dichlorobenzene	1.33	0.067	1.66	0	80.3	20	124	1.18	11.9	20	
2,4-Dinitrotoluene	1.38	0.067	1.66	0	83.3	39	139	1.21	13.4	20	
2-Chlorophenol	2.74	0.067	3.33	0	82.2	23	134	2.47	10.2	20	
4-Chloro-3-methylphenol	2.75	0.067	3.33	0	82.7	22	147	2.58	6.37	20	
4-Nitrophenol	2.66	0.067	3.33	0	79.8	1	132	2.25	16.7	20	
Acenaphthene	1.41	0.067	1.66	0	84.9	47	145	1.29	8.63	20	
N-Nitrosodi-n-propylamine	1.21	0.067	1.66	0	73.1	1	230	1.08	11.6	20	
Pentachlorophenol	2.23	0.10	3.33	0	67.1	14	176	2	11.2	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309089
Project: 309061/HAFG FT31 LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **0309089-02A DUP** SampType: **DUP** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/11/03** Run ID: **MANFREDD_030913A**
Client ID: **LFA5** Batch ID: **6203** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/13/03** SeqNo: **179876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
7,12-Dimethylbenz(a)anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Acenaphthene	ND	0.067	0	0	0	0	0	0	0	20	
Acenaphthylene	ND	0.067	0	0	0	0	0	0	0	20	
Acetophenone	ND	0.13	0	0	0	0	0	0	0	20	
alpha-Terpinol	ND	0.30	0	0	0	0	0	0	0	0	
Aniline	ND	0.067	0	0	0	0	0	0	0	20	
Anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Benz(a)anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(a)pyrene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(b)fluoranthene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(g,h,i)perylene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(k)fluoranthene	ND	0.067	0	0	0	0	0	0	0	20	
Benzyl alcohol	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-chloroethoxy)methane	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-chloroethyl)ether	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-chloroisopropyl)ether	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-ethylhexyl)phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Butyl benzyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Carbazole	ND	0.13	0	0	0	0	0	0	0	20	
Chrysene	ND	0.067	0	0	0	0	0	0	0	20	
Di-n-butyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Di-n-octyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Dibenz(a,h)anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Dibenzofuran	ND	0.067	0	0	0	0	0	0	0	20	
Diethyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Dimethyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Ethyl methanesulfonate	ND	0.067	0	0	0	0	0	0	0	20	
Fluoranthene	ND	0.067	0	0	0	0	0	0	0	20	
Fluorene	ND	0.067	0	0	0	0	0	0	0	20	
Hexachlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Hexachlorobutadiene	ND	0.067	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309089
Project: 309061/HAFG FT31 LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **0309089-02A DUP** SampType: **DUP** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/11/03** Run ID: **MANFREDD_030913A**
Client ID: **LFA5** Batch ID: **6203** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/13/03** SeqNo: **179876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4,5-Tetrachlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,2,4-Trichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,2-Dichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,2-Diphenylhydrazine	ND	0.067	0	0	0	0	0	0	0	20	
1,3-Dichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,4-Dichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
2,3,4,6-Tetrachlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4,5-Trichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4,6-Trichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4-Dichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4-Dimethylphenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4-Dinitrophenol	ND	0.67	0	0	0	0	0	0	0	20	
2,4-Dinitrotoluene	ND	0.067	0	0	0	0	0	0	0	20	
2,6-Dichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,6-Dinitrotoluene	ND	0.067	0	0	0	0	0	0	0	20	
2-Chloronaphthalene	ND	0.067	0	0	0	0	0	0	0	20	
2-Chlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2-Methylnaphthalene	1.21	0.067	0	0	0	0	0	1.18	2.23	20	
2-Methylphenol	ND	0.067	0	0	0	0	0	0	0	20	
2-Nitroaniline	ND	0.067	0	0	0	0	0	0	0	20	
2-Nitrophenol	ND	0.067	0	0	0	0	0	0	0	20	
3&4-Methylphenol	ND	0.13	0	0	0	0	0	0	0	20	
3-Methylcholanthrene	ND	0.067	0	0	0	0	0	0	0	0	
3-Nitroaniline	ND	0.067	0	0	0	0	0	0	0	20	
4,6-Dinitro-2-methylphenol	ND	0.20	0	0	0	0	0	0	0	20	
4-Aminobiphenyl	ND	0.10	0	0	0	0	0	0	0	20	
4-Bromophenyl phenyl ether	ND	0.067	0	0	0	0	0	0	0	20	
4-Chloro-3-methylphenol	ND	0.067	0	0	0	0	0	0	0	20	
4-Chlorophenyl phenyl ether	ND	0.067	0	0	0	0	0	0	0	20	
4-Nitroaniline	ND	0.067	0	0	0	0	0	0	0	20	
4-Nitrophenol	ND	0.067	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309089
Project: 309061/HAFG FT31 LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **CCV** SampType: **CCV** TestCode: **06 8270 S** Units: **mg/L** Prep Date: Run ID: **MANFREDD_030913A**
Client ID: **ZZZZZ** Batch ID: **R14885** TestNo: **EPA 8270C** Analysis Date: **9/13/03** SeqNo: **179869**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	46.2	0.067	50	0	92.4	80	120	0	0		
2,4,6-Trichlorophenol	47.8	0.067	50	0	95.6	80	120	0	0		
2,4-Dichlorophenol	48.3	0.067	50	0	96.6	80	120	0	0		
2-Nitrophenol	45.3	0.067	50	0	90.6	80	120	0	0		
4-Chloro-3-methylphenol	49.5	0.067	50	0	99	80	120	0	0		
Acenaphthene	46.6	0.067	50	0	93.2	80	120	0	0		
Benzo(a)pyrene	49.1	0.067	50	0	98.2	80	120	0	0		
Di-n-octyl phthalate	42.3	0.067	50	0	84.6	80	120	0	0		
Fluoranthene	42.6	0.067	50	0	85.2	80	120	0	0		
Hexachlorobutadiene	46.5	0.067	50	0	93	80	120	0	0		
N-Nitrosodiphenylamine	92.7	0.067	100	0	92.7	80	120	0	0		
Pentachlorophenol	41.1	0.10	50	0	82.2	80	120	0	0		
Phenol	41.4	0.067	50	0	82.8	80	120	0	0		
Surr: 2,4,6-Tribromophenol	46	0	50	0	92	80	120	0	0		
Surr: 2-Fluorobiphenyl	45	0	50	0	90	80	120	0	0		
Surr: 2-Fluorophenol	46.1	0	50	0	92.2	80	120	0	0		
Surr: 4-Terphenyl-d14	41.4	0	50	0	82.8	80	120	0	0		
Surr: Nitrobenzene-d5	45.5	0	50	0	91	80	120	0	0		
Surr: Phenol-d5	43.4	0	50	0	86.8	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309089
Project: 309061/HAFG FT31 LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **0309089-02A DUP** SampType: **DUP** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/11/03** Run ID: **MANFREDD_030913A**
Client ID: **LFA5** Batch ID: **6203** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/13/03** SeqNo: **179876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorocyclopentadiene	ND	0.20	0	0	0	0	0	0	0	20	
Hexachloroethane	ND	0.067	0	0	0	0	0	0	0	20	
Indeno(1,2,3-cd)pyrene	ND	0.067	0	0	0	0	0	0	0	20	
Isophorone	ND	0.067	0	0	0	0	0	0	0	20	
Methyl methanesulfonate	ND	0.067	0	0	0	0	0	0	0	20	
N-Decane	0.206	0.067	0	0	0	0	0	0.218	5.82	20	
N-Nitroso-di-n-butylamine	ND	0.13	0	0	0	0	0	0	0	20	
N-Nitrosodi-n-propylamine	ND	0.067	0	0	0	0	0	0	0	20	
N-Nitrosodiphenylamine	ND	0.067	0	0	0	0	0	0	0	20	
N-Nitrosopiperidine	ND	0.067	0	0	0	0	0	0	0	20	
N-Octadecane	ND	0.067	0	0	0	0	0	0	0	20	
Naphthalene	0.285	0.067	0	0	0	0	0	0.264	7.52	20	
Nitrobenzene	ND	0.067	0	0	0	0	0	0	0	20	
p-Aminoazobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Pentachlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Pentachloronitrobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Pentachlorophenol	ND	0.10	0	0	0	0	0	0	0	20	
Phenacetin	ND	0.067	0	0	0	0	0	0	0	20	
Phenanthrene	ND	0.067	0	0	0	0	0	0	0	20	
Phenol	ND	0.067	0	0	0	0	0	0	0	20	
Pyrene	ND	0.067	0	0	0	0	0	0	0	20	
Pyridine	ND	0.067	0	0	0	0	0	0	0	20	
Surr: 2,4,6-Tribromophenol	1.94	0	3.33	0	58.4	19	122	0	0		
Surr: 2-Fluorobiphenyl	1.06	0	1.66	0	63.7	30	115	0	0		
Surr: 2-Fluorophenol	1.44	0	3.33	0	43.3	25	121	0	0		
Surr: 4-Terphenyl-d14	1.03	0	1.66	0	62.2	18	137	0	0		
Surr: Nitrobenzene-d5	0.9	0	1.66	0	54.2	23	120	0	0		
Surr: Phenol-d5	0.867	0	3.33	0	26	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

0309089

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

CHAIN OF CUSTODY RECORD

Date 10Sep03 Page 1 of 1

CLIENT Bhate Environmental Associates
ADDRESS 1641 Vandergrift Rd, Bldg 1266, Holloman AFB, NM 88330

PROJECT MANAGER Jerry Pelfrey
PHONE NUMBER (714) 505-491-8261
505-679-2100

PROJECT NAME

SAMPLERS: (Signature) Rafe Gomez

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ✓ 24 Hr. ✓
Regular ____ 48 Hr. ____

	SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
01	LFA 1	FT 31 Landfarm	10Sep03	0850			X	1		8270 BNA
02	LFA5		10Sep03	0855			X	1		
03	LFA 11		10Sep03	0857			X	1		
04	LFA13		10Sep03	0900			X	1		
05	LFB3		10Sep03	0912			X	1		
06	LFB8		10Sep03	0908			X	1		
07	LFB11		10Sep03	0905			X	1		
08	LFB14	FT31 Landfarm	10Sep03	0903			X	1		8270 BNA

Rush

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Glen Pelfrey 10Sep03/1400	[illegible] @ESL 10/11/03	10:20AM
Relinquished by: (Signature)	Received by Laboratory for analysis: (Signature)	Date/Time

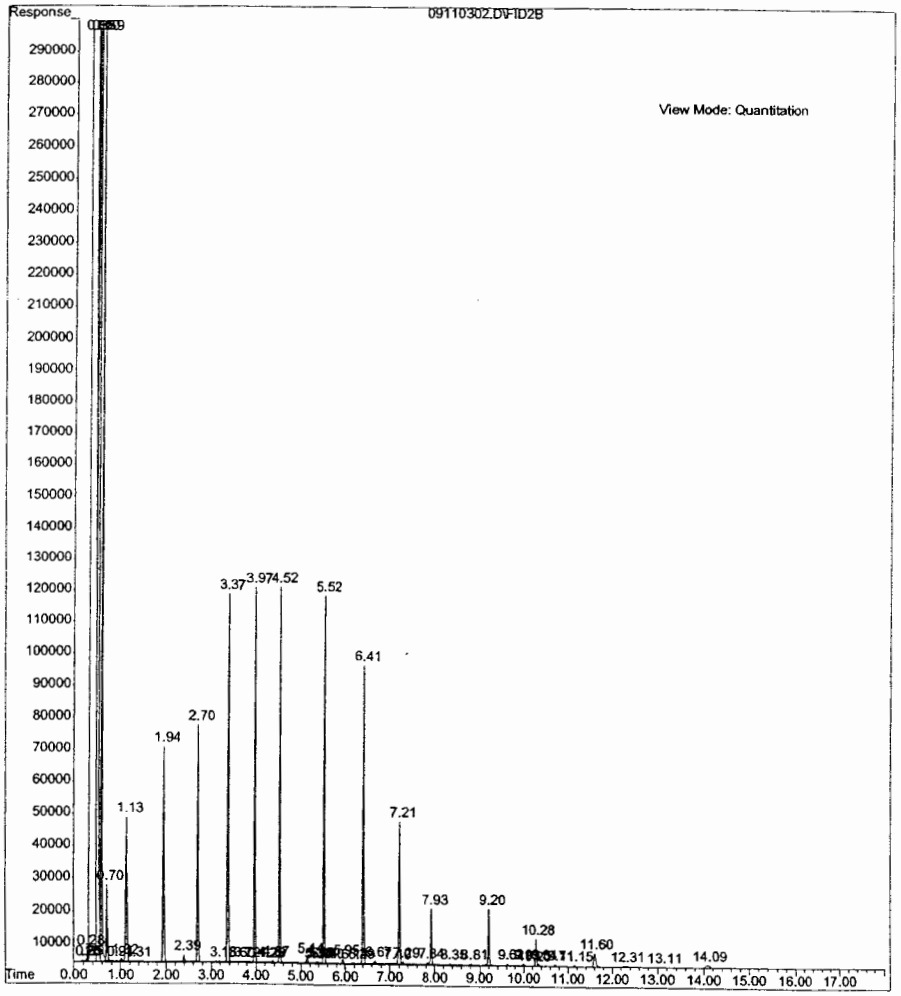
I hereby authorize the performance of the above indicated work.

Glen Pelfrey

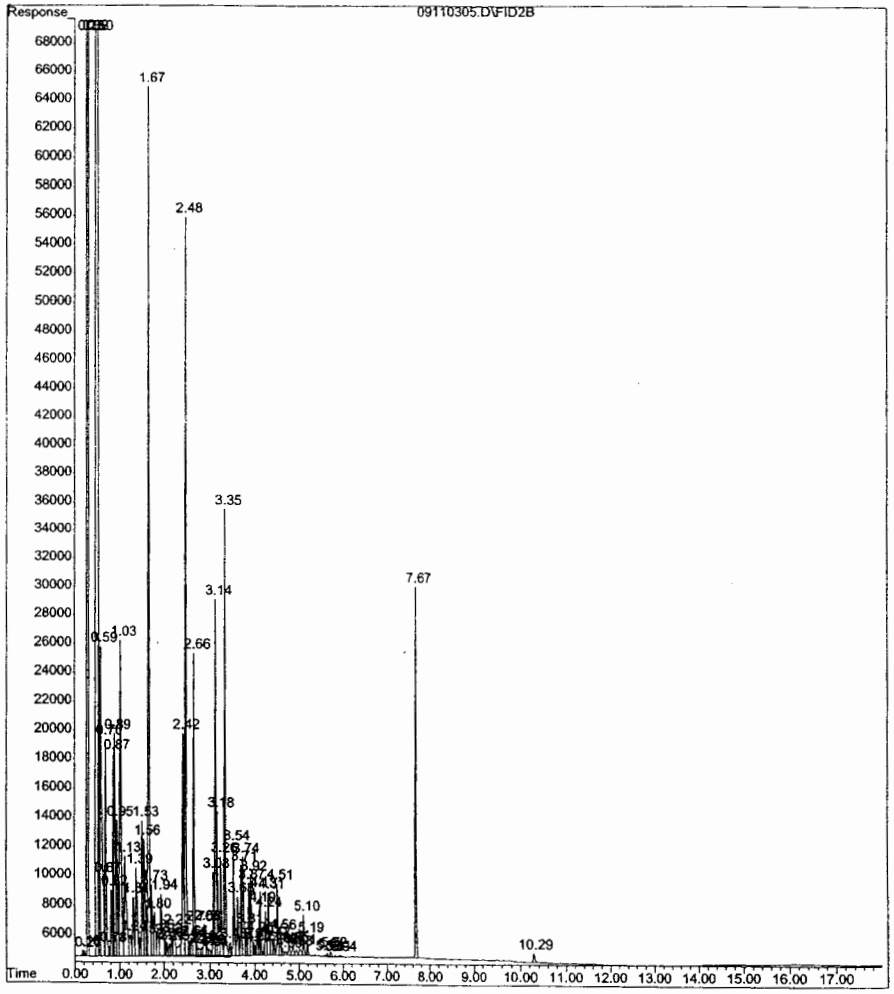
Special Instructions: Please fax results to: 505-679-2148, email jpelfrey@bhate.com; FedEx Airbill # 8426 0329 6050

DISTRIBUTION: White with report, Yellow to AL, Pink to Courier

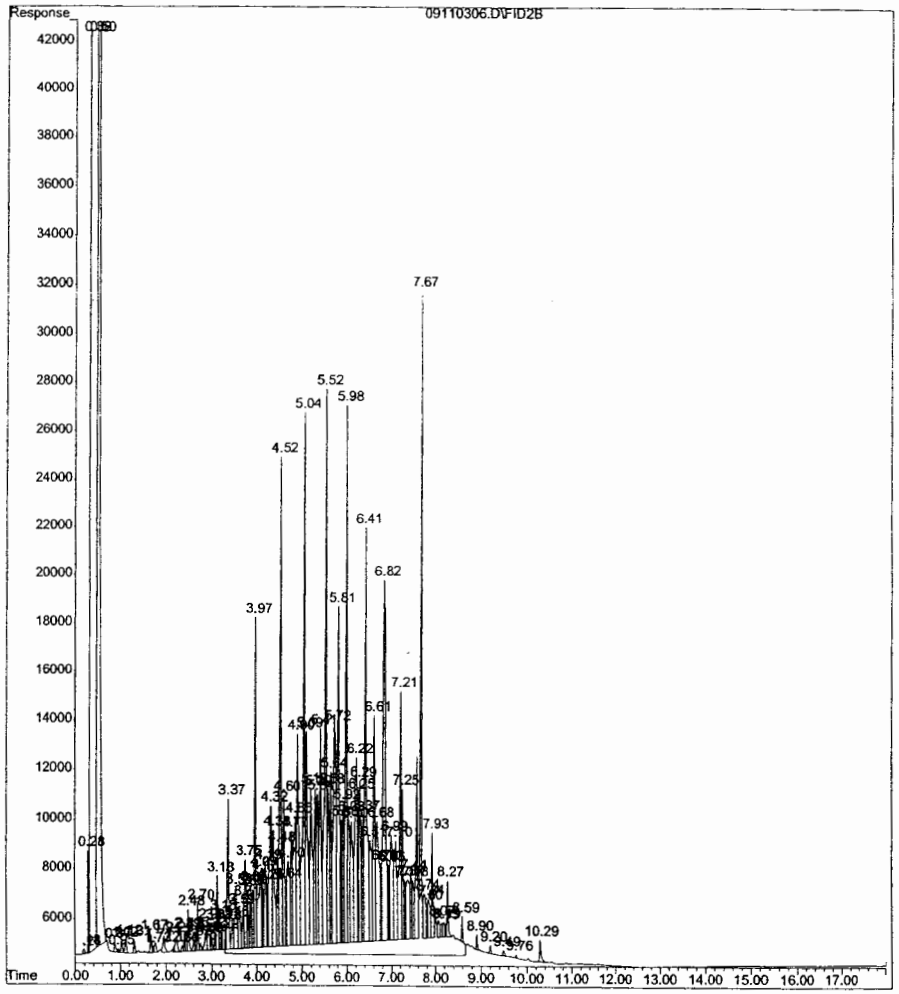
File : C:\HPCHEM\2\DATA\091103F\09110302.D
Operator : VP
Acquired : 11 Sep 2003 8:22 using AcqMethod TPH0826.M
Instrument : FID-1
Sample Name: RT
Misc Info : GC4-111-20
Vial Number: 2



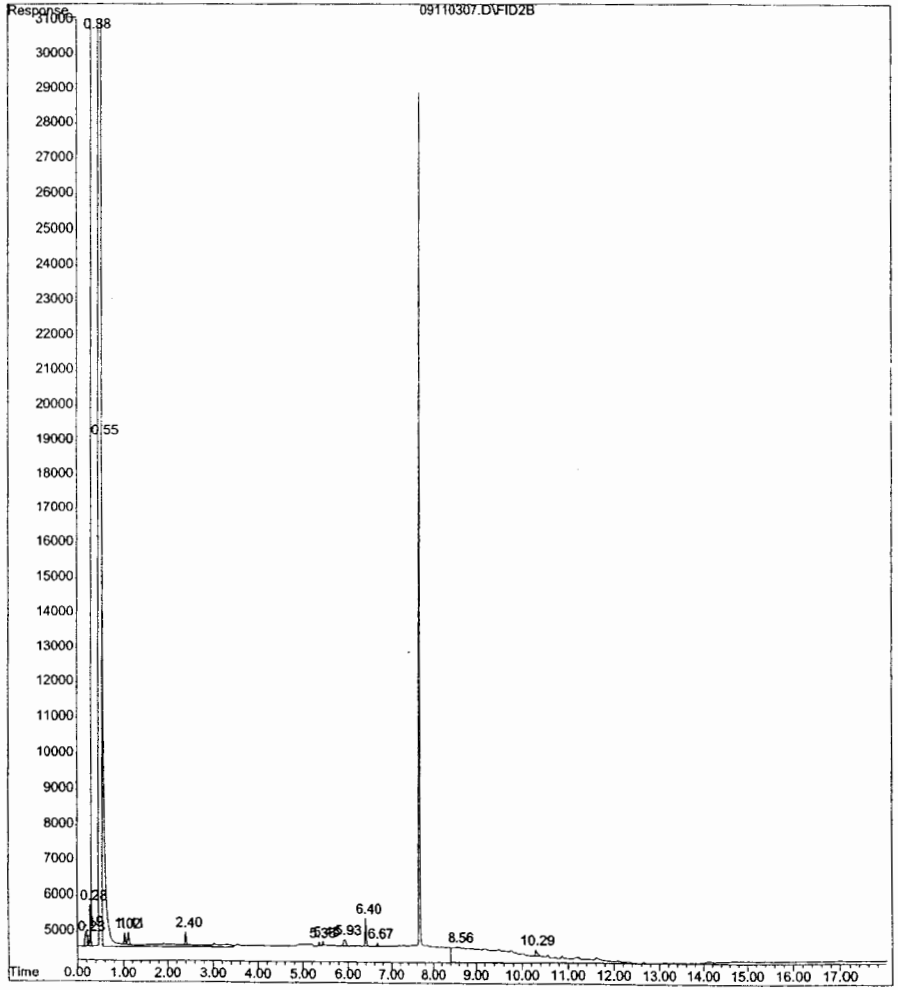
File : C:\HPCHEM\2\DATA\091103F\09110305.D
Operator : VP
Acquired : 11 Sep 2003 10:48 using AcqMethod TPH0826.M
Instrument : FID-1
Sample Name: GRO CCV 200PPB NEW STD
Misc Info : GC4-112-19
Vial Number: 3



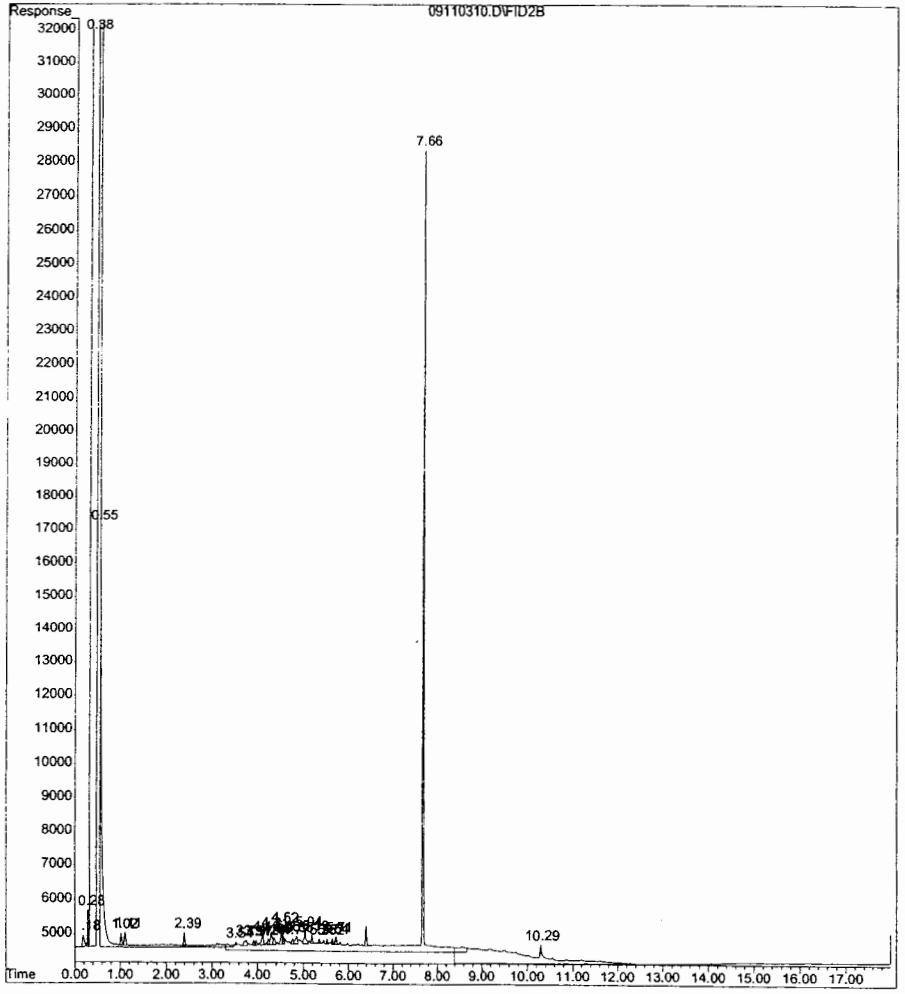
File : C:\HPCHEM\2\DATA\091103F\09110306.D
Operator : VP
Acquired : 11 Sep 2003 11:16 using AcqMethod TPH0826.M
Instrument : FID-1
Sample Name: DRO CCV 200PPB NEW STD
Misc Info : GC4-112-18
Vial Number: 4



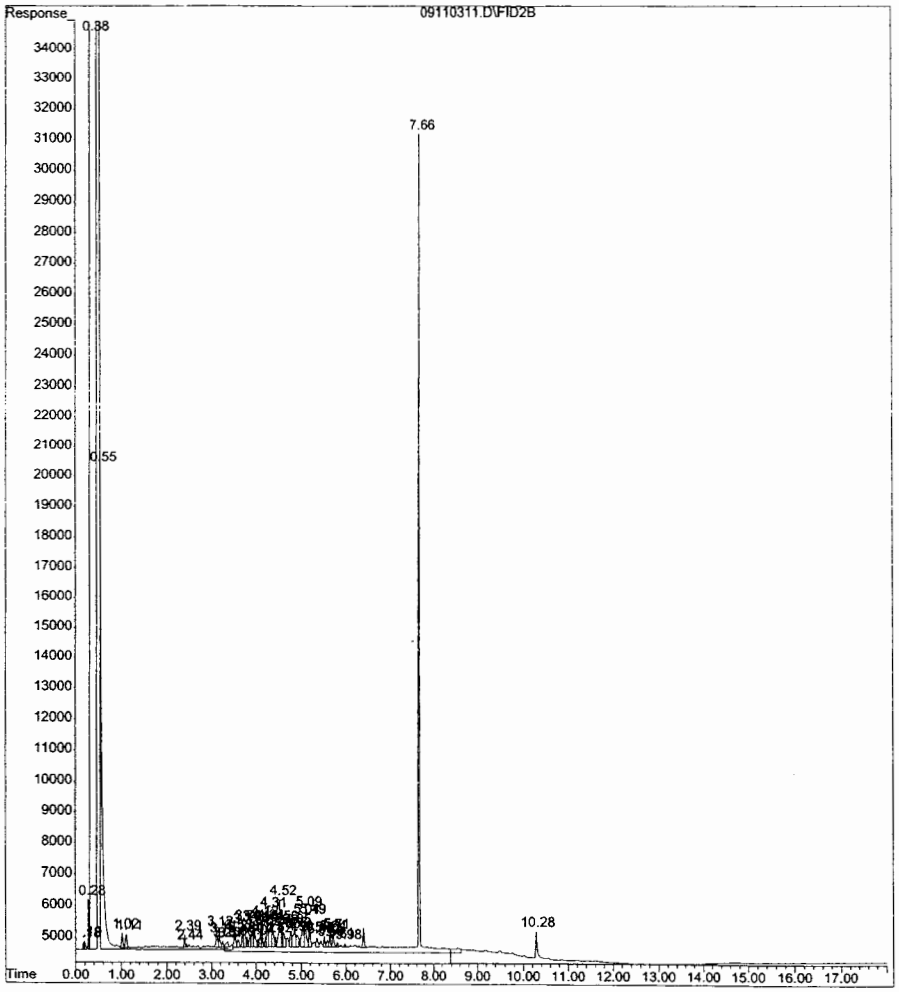
File : C:\HPCHEM\2\DATA\091103F\09110307.D
Operator : VP
Acquired : 11 Sep 2003 13:31 using AcqMethod TPH0826.M
Instrument : FID-1
Sample Name: SRB 091103
Misc Info : 10G/10ML 9/11 RUN @ 3HRS COLD
Vial Number: 5



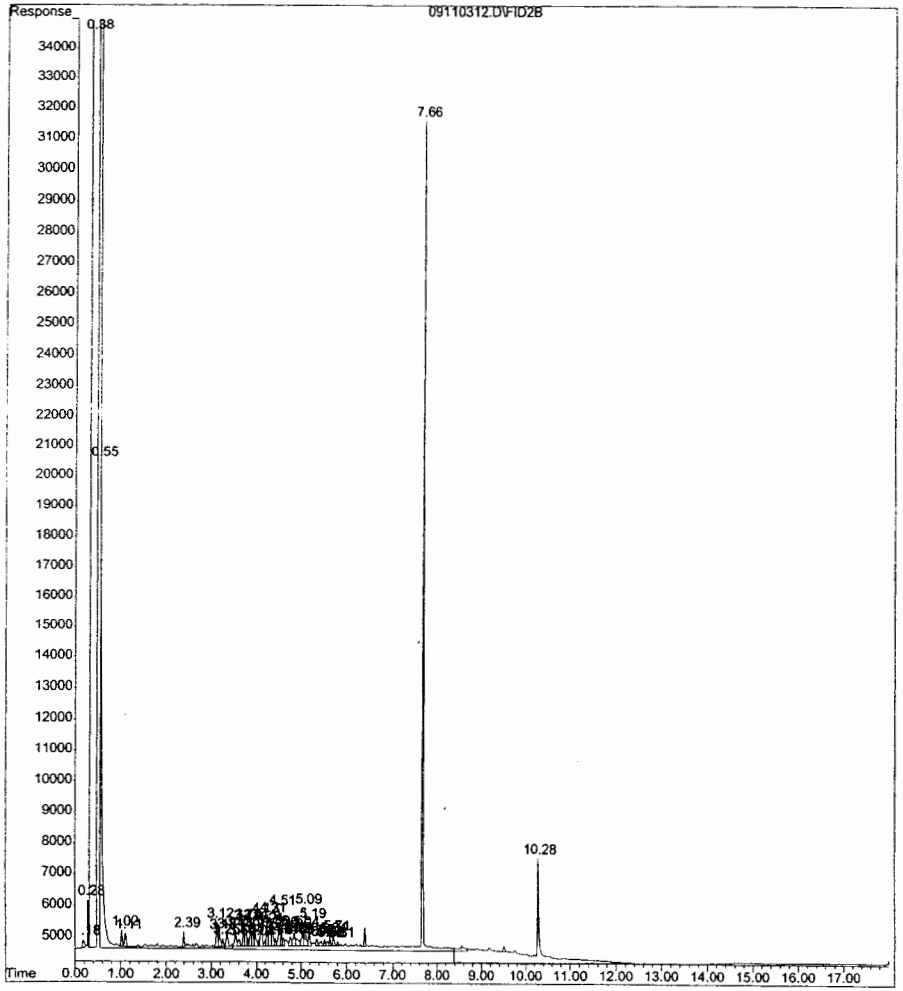
File : C:\HPCHEM\2\DATA\091103F\09110310.D
Operator : VP
Acquired : 11 Sep 2003 14:55 using AcqMethod TPH0826.M
Instrument : FID-1
Sample Name: 309061-01 10X
Misc Info : 1GSMP/9GSAND/10ML 9/11
Vial Number: 8



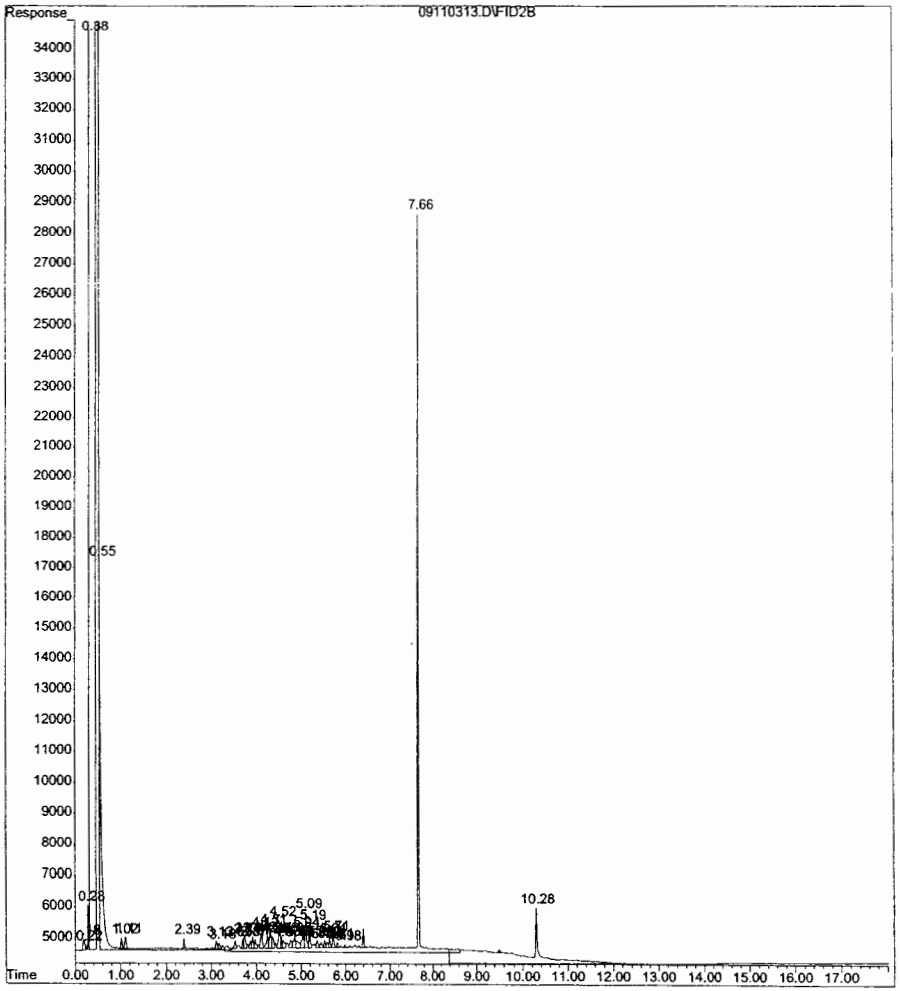
File : C:\HPCHEM\2\DATA\091103F\09110311.D
Operator : VP
Acquired : 11 Sep 2003 15:23 using AcqMethod TPH0826.M
Instrument : FID-1
Sample Name: 309061-02 10X
Misc Info : 1GSMP/9GSAND/10ML 9/11
Vial Number: 9



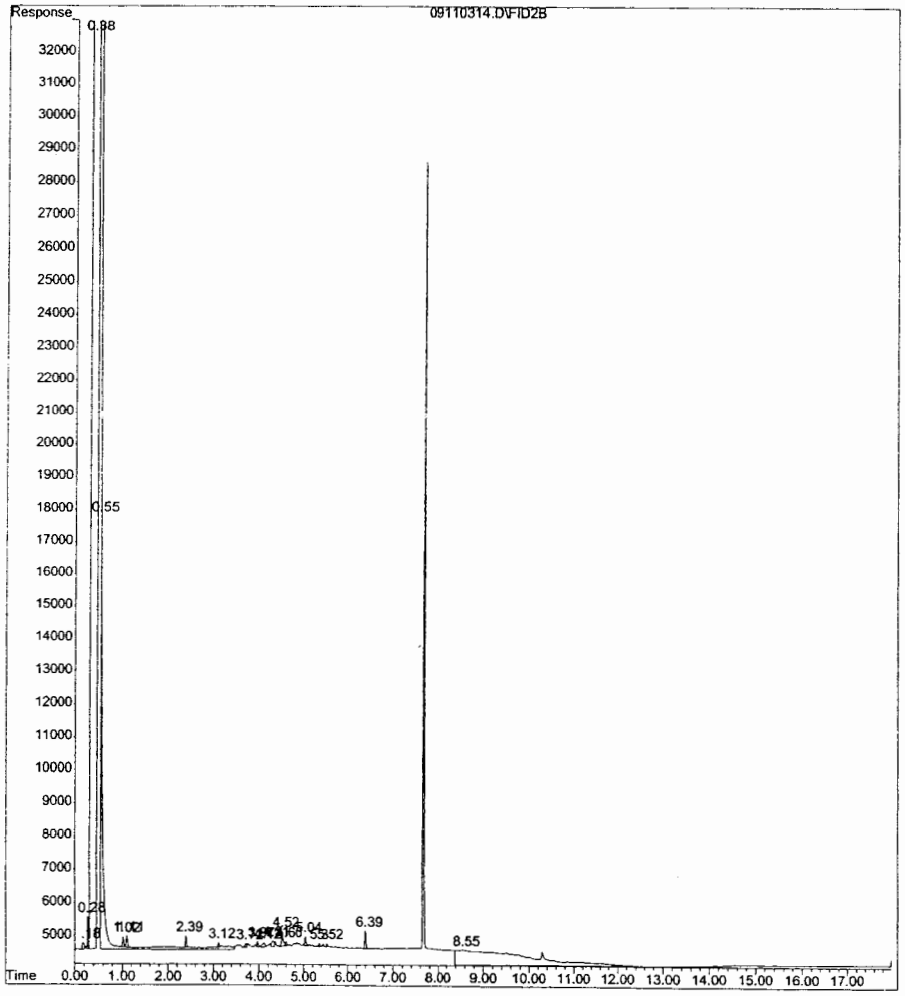
File : C:\HPCHEM\2\DATA\091103F\09110312.D
Operator : VP
Acquired : 11 Sep 2003 15:50 using AcqMethod TPH0826.M
Instrument : FID-1
Sample Name: 309061-03 10X
Misc Info : 1GSMP/9GSAND/10ML 9/11
Vial Number: 10



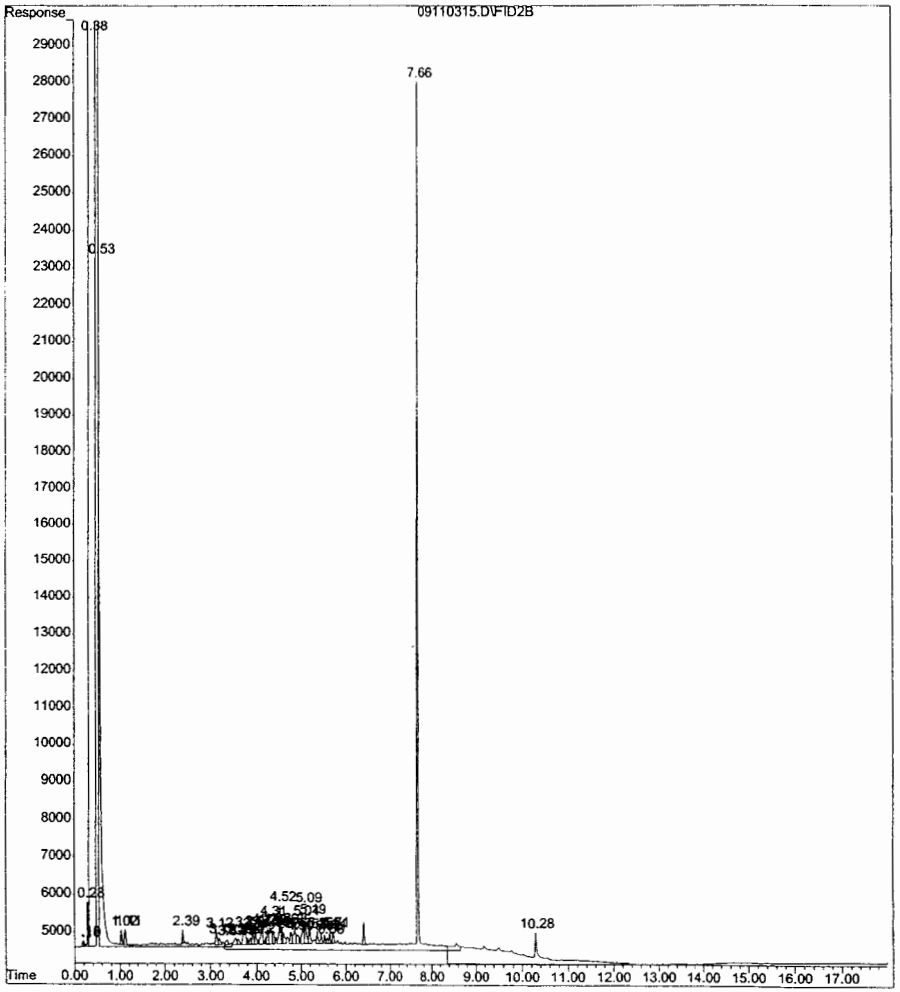
File : C:\HPCHEM\2\DATA\091103F\09110313.D
Operator : VP
Acquired : 11 Sep 2003 16:18 using AcqMethod TPH0826.M
Instrument : FID-1
Sample Name: 309061-04 10X
Misc Info : 1GSMP/9GSAND/10ML 9/11
Vial Number: 11



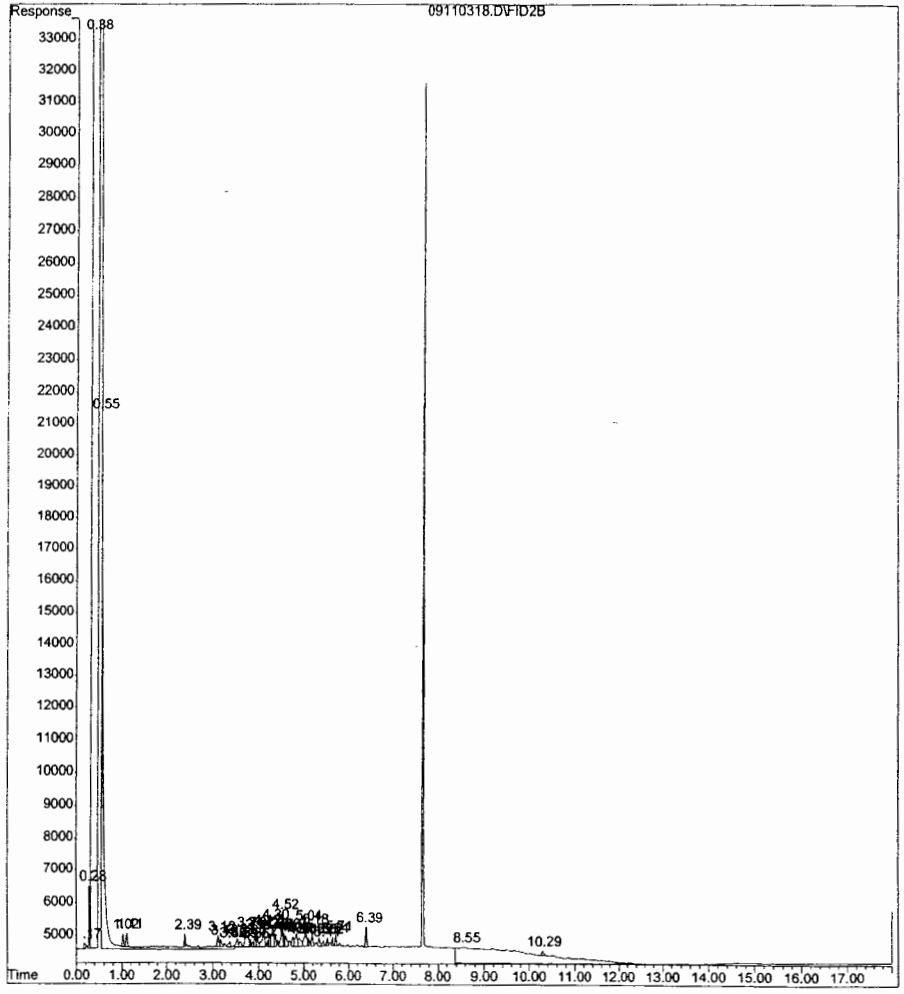
File : C:\HPCHEM\2\DATA\091103F\09110314.D
Operator : VP
Acquired : 11 Sep 2003 16:47 using AcqMethod TPH0826.M
Instrument : FID-1
Sample Name: 309061-05 10X
Misc Info : 1GSMP/9GSAND/10ML 9/11
Vial Number: 12



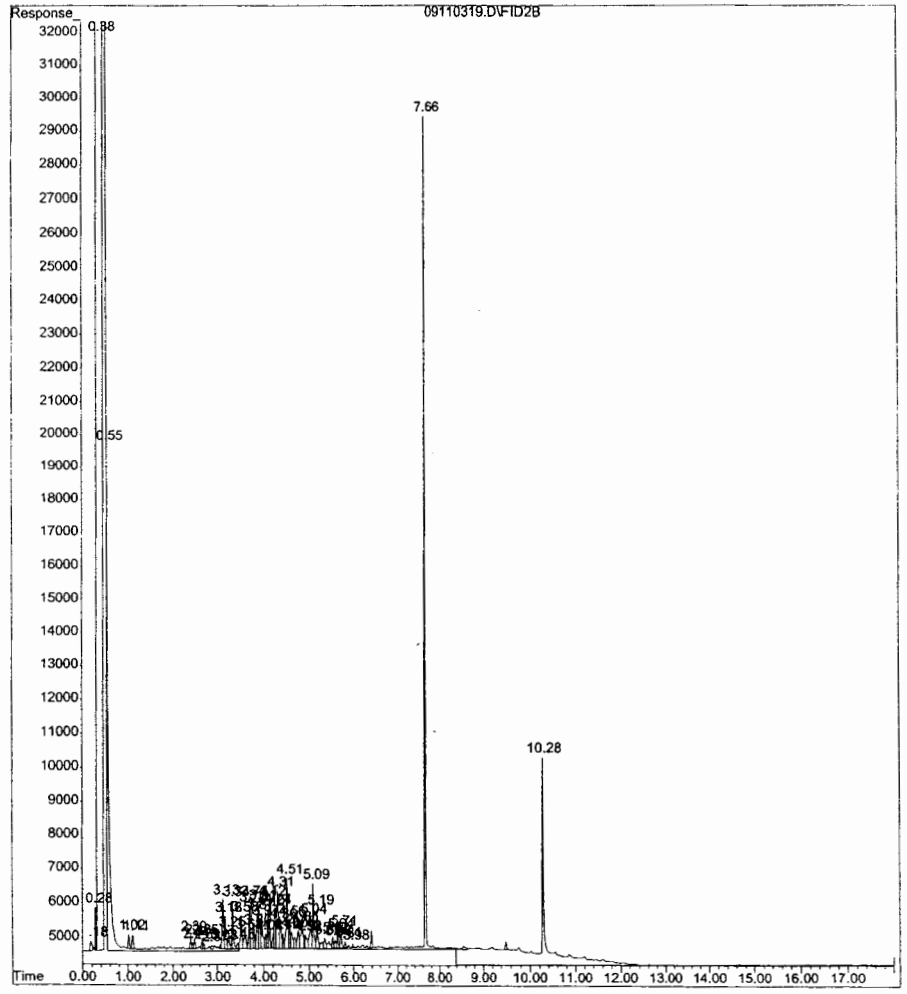
File : C:\HPCHEM\2\DATA\091103F\09110315.D
Operator : VP
Acquired : 11 Sep 2003 17:14 using AcqMethod TPH0826.M
Instrument : FID-1
Sample Name: 309061-06 10X
Misc Info : 1GSMP/9GSAND/10ML 9/11
Vial Number: 13



File : C:\HPCHEM\2\DATA\091103F\09110318.D
Operator : VP
Acquired : 11 Sep 2003 18:38 using AcqMethod TPH0826.M
Instrument : FID-1
Sample Name: 309061-07 10X
Misc Info : 1GSMP/9GSAND/10ML 9/11
Vial Number: 15



File : C:\HPCHEM\2\DATA\091103F\09110319.D
Operator : VP
Acquired : 11 Sep 2003 19:06 using AcqMethod TPH0826.M
Instrument : FID-1
Sample Name: 309061-08 10X
Misc Info : 1GSMP/9GSAND/10ML 9/11
Vial Number: 16



CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	PINNACLE ID	: 309146
PROJECT #	: 9030 024.02.02	DATE RECEIVED	: 09/30/03
PROJECT NAME	: LANDFARM	REPORT DATE	: 10/13/03

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
309146 - 01	LFA2	NON-AQ	09/29/03
309146 - 02	LFA7	NON-AQ	09/29/03
309146 - 03	LFA9	NON-AQ	09/29/03
309146 - 04	LFA14	NON-AQ	09/29/03
309146 - 05	LFB3	NON-AQ	09/29/03
309146 - 06	LFB6	NON-AQ	09/29/03
309146 - 07	LFB11	NON-AQ	09/29/03
309146 - 08	LFB14	NON-AQ	09/29/03

Pinnacle Lab ID number **309146**
October 13, 2003

BHATE ENVIRONMENTAL ASSOCIATES
1641 VANDER GRIFT RD. BLDG. 1266
HOLLOMAN AFB, NM 88330

Project Name LANDFARM
Project Number 9030 024.02.02

Attention: JERRY PELFREY

On 09/30/03 Pinnacle Laboratories Inc., (ADHS Lincense No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

EPA method 8260 and 8015 analyses were performed by Pinnacle Laboratories, Inc. Albuquerque, NM.

All remaining analyses were performed by Environmental Services Inc. Portland, OR.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : BHATE ENVIRONMENTAL ASSOCIATES
PINNACLE I.D. : 309146
PROJECT # : 9030 024.02.02
ANALYST : VP
PROJECT NAME : LANDFARM

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	LFA14	NON-AQ	09/29/03	09/30/03	10/01/03	1
05	LFB3	NON-AQ	09/29/03	09/30/03	10/01/03	1
06	LFB6	NON-AQ	09/29/03	09/30/03	10/01/03	1

PARAMETER	DET. LIMIT	UNITS	LFA14	LFB3	LFB6
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C10-C22	10	**MG/KG**	**75**	**12**	**76**
FUEL HYDROCARBONS, C22-C36	10	**MG/KG**	**20**	**16**	**17**
CALCULATED SUM:			**95**	**28**	**93**
SURROGATE:					
O-TERPHENYL (%)			109	95	104
SURROGATE LIMITS	(70-130)				

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : BHATE ENVIRONMENTAL ASSOCIATES
PINNACLE I.D. : 309146
PROJECT # : 9030 024.02.02
ANALYST : VP
PROJECT NAME : LANDFARM

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	LFA2	NON-AQ	09/29/03	09/30/03	10/01/03	1
02	LFA7	NON-AQ	09/29/03	09/30/03	10/01/03	1
03	LFA9	NON-AQ	09/29/03	09/30/03	10/01/03	1

PARAMETER	DET. LIMIT	UNITS	LFA2	LFA7	LFA9
FUEL HYDROCARBONS, C6-C10	10	**MG/KG**	**11**	**18**	**28**
FUEL HYDROCARBONS, C10-C22	10	**MG/KG**	**43**	**86**	**109**
FUEL HYDROCARBONS, C22-C36	10	**MG/KG**	30	**22**	**12**
CALCULATED SUM:			**84**	**126**	**149**
SURROGATE:					
O-TERPHENYL (%)			108	101	116
SURROGATE LIMITS	(70-130)				

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309146
BLANK I.D.	: 093003	DATE EXTRACTED	: 09/30/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATE:	DATE ANALYZED	: 10/01/03
PROJECT #	: 9030 024.02.02	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: LANDFARM	ANALYST	: VP

PARAMETER	UNITS	
FUEL HYDROCARBONS, C6-C10	MG/KG	< 10
FUEL HYDROCARBONS, C10-C22	MG/KG	< 10
FUEL HYDROCARBONS, C22-C36	MG/KG	< 10

SURROGATE:

O-TERPHENYL (%)		94
SURROGATE LIMITS	(70-130)	

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY RESULTS

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)		
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	PINNACLE I.D.	: 309146
PROJECT #	: 9030 024.02.02	ANALYST	: VP
PROJECT NAME	: LANDFARM		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
07	LFB11	NON-AQ	09/29/03	09/30/03	10/01/03	1
08	LFB14	NON-AQ	09/29/03	09/30/03	10/01/03	1

PARAMETER	DET. LIMIT	UNITS	LFB11	LFB14
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10
FUEL HYDROCARBONS, C10-C22	10	**MG/KG**	**13**	**30**
FUEL HYDROCARBONS, C22-C36	10	**MG/KG**	**18**	**15**
CALCULATED SUM:			**31**	**45**

SURROGATE:

O-TERPHENYL (%)		97	104
SURROGATE LIMITS	(70-130)		

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY QUALITY CONTROL
MSMSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309146
MSMSD #	: 309142-01	DATE EXTRACTED	: 09/30/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE ANALYZED	: 10/01/03
PROJECT #	: 9030 024.02.02	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	15	200	155	70	174	80	12	(70-130)	20

CHEMIST NOTES:
N/A

$$\frac{\text{(Spike Sample Result - Sample Result)}}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{\text{(Sample Result - Duplicate Result)}}{\text{Average Result}} \times 100$$

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309146
LCS/LCSD #	: 093003	DATE EXTRACTED	: 09/30/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE ANALYZED	: 10/01/03
PROJECT #	: 9030 024.02.02	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	168	84	146	73	14	(70-130)	20

CHEMIST NOTES:
N/A

$$\frac{\text{(Spike Sample Result - Sample Result)}}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{\text{(Sample Result - Duplicate Result)}}{\text{Average Result}} \times 100$$

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-01	LFA2	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	**0.05**	**0.09**	**MG/KG**
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	**0.05**	**0.31**	**MG/KG**
o-Xylene (95-47-6)	**0.05**	**0.22**	**MG/KG**
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	**0.05**	**0.10**	**MG/KG**
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.44**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**0.59**	**MG/KG**
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	**0.15**	**0.25**	**MG/KG**
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	**0.25**	**0.57**	**MG/KG**
1-Methyl Naphthalene (90-12-0)	**0.25**	**0.70**	**MG/KG**

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	93
	(70 - 121)
Toluene-d8	99
	(84 - 138)
Bromofluorobenzene	98
	(59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-01	LFA2	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-02	LFA7	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.79**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**0.10**	**MG/KG**
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	**0.15**	**1.5**	**MG/KG**
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	**0.25**	**3.2**	**MG/KG**
1-Methyl Naphthalene (90-12-0)	**0.25**	**1.7**	**MG/KG**

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	88 (70 - 121)
Toluene-d8	93 (84 - 138)
Bromofluorobenzene	94 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-02	LFA7	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-03	LFA9	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	**0.05**	**0.14**	**MG/KG**
o-Xylene (95-47-6)	**0.05**	**0.27**	**MG/KG**
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.81**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**1.0**	**MG/KG**
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	**0.15**	**1.6**	**MG/KG**
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	**0.25**	**3.4**	**MG/KG**
1-Methyl Naphthalene (90-12-0)	**0.25**	**1.7**	**MG/KG**

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	85 (70 - 121)
Toluene-d8	91 (84 - 138)
Bromofluorobenzene	91 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-03	LFA9	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-04	LFA14	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.19**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	**0.15**	**0.58**	**MG/KG**
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	**0.25**	**2.8**	**MG/KG**
1-Methyl Naphthalene (90-12-0)	**0.25**	**1.9**	**MG/KG**

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	91 (70 - 121)
Toluene-d8	99 (84 - 138)
Bromofluorobenzene	101 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-04	LFA14	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-05	LFB3	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	93 (70 - 121)
Toluene-d8	99 (84 - 138)
Bromofluorobenzene	99 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-05	LFB3	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-06	LFB6	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.10**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	**0.25**	**0.54**	**MG/KG**

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	92	(70 - 121)
Toluene-d8	99	(84 - 138)
Bromofluorobenzene	100	(59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-06	LFB6	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-07	LFB11	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	102
	(70 - 121)
Toluene-d8	109
	(84 - 138)
Bromofluorobenzene	109
	(59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-07	LFB11	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-08	LFB14	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.22**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	96 (70 - 121)
Toluene-d8	102 (84 - 138)
Bromofluorobenzene	105 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/30/03
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309146-08	LFB14	SOIL	09/29/03	09/30/03	10/01/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES		
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	093003	SOIL	09/30/03	10/01/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	98 (70 - 121)
Toluene-d8	103 (84 - 138)
Bromofluorobenzene	101 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES		
PROJECT #	: 9030 024.02.02	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	093003	SOIL	09/30/03	10/01/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
SPIKED SAMPLE	: 309146-05	DATE ANALYZED	: 10/01/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	UNITS	: mg/kg (PPM)
PROJECT #	: 9030 024.02.02	MATRIX	: SOIL
PROJECT NAME	: LANDFARM	INSTRUMENT	: GCMS2
		ANALYST	: DSR

COMPOUND	SAMPLE CONC.	SPIKE ADDED	MS RESULT	MSD RESULT	MS %REC	MSD %REC	RPD	QC LIMITS RPD	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	<0.05	2.50	2.36	2.28	94	91	3	22	59-172
BENZENE	<0.05	2.50	2.30	2.30	92	92	0	21	66-142
TRICHLOROETHENE	<0.05	2.50	2.28	2.31	91	92	1	24	62-137
TOLUENE	<0.05	2.50	2.32	2.32	93	93	0	21	59-139
CHLOROBENZENE	<0.05	2.50	2.29	2.32	92	93	1	21	60-133

LABORATORY CONTROL SPIKE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309146
BATCH	: 093003	DATE ANALYZED	: 10/01/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	UNITS	: mg/kg (PPM)
PROJECT #	: 9030 024.02.02	MATRIX	: SOIL
PROJECT NAME	: LANDFARM	INSTRUMENT	: GCMS2
		ANALYST	: DSR

COMPOUND	SPIKE ADDED	LCS RESULT	LCS % RECOVERY	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	2.50	2.52	101	59-172
BENZENE	2.50	2.51	100	66-142
TRICHLOROETHENE	2.50	2.49	100	62-137
TOLUENE	2.50	2.54	102	59-139
CHLOROBENZENE	2.50	2.47	99	60-133

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA 2
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/30/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/30/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/30/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/30/03
2-Methylnaphthalene	0.074	0.067		mg/Kg	1	9/30/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/30/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/30/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/30/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/30/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/30/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/30/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/30/03
Acetophenone	ND	0.13		mg/Kg	1	9/30/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/30/03
Aniline	ND	0.067		mg/Kg	1	9/30/03
Anthracene	ND	0.067		mg/Kg	1	9/30/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory, Inc.

E S L

17400 SW Upper Boones Ferry Road, Suite 270 • Portland, OR 97224 • (503) 670-8520

October 06, 2003

Jacinta A. Tenorio
Pinnacle Laboratories
2709-D Pan American Fwy NE
Albuquerque, NM 87107

TEL: 505 344-3777
FAX (505) 344-4413

RE: 309146/Landfarm

Order No.: 0309287

Dear Jacinta A. Tenorio:

Environmental Services Laboratory received 8 samples on 9/30/03 for the analyses presented in the following report.

There were no analytical problems encountered and all analytical data met requirements established under NELAC protocol or laboratory specifications except where noted in a Case Narrative. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety, without the written approval of the laboratory. The following checked data sections are included in this report.

✓Base Sample Report ✓Method Blank Report ✓Sample Duplicate Report ✓Matrix Spike/Matrix Spike Duplicate Report ✓Laboratory Control Spike/Spike Duplicate Report ✓Continuing Calibration Verification Report __Initial Calibration Verification Report

If you have any questions regarding these tests results, please feel free to call.

Project Manager

Keith Hunter
Technical Review

ANALYTICAL SERVICES FOR THE ENVIRONMENT

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA 2
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Phenanthrene	ND	0.067		mg/Kg	1	9/30/03
Phenol	ND	0.067		mg/Kg	1	9/30/03
Pyrene	ND	0.067		mg/Kg	1	9/30/03
Pyridine	ND	0.067		mg/Kg	1	9/30/03
Surr: 2,4,6-Tribromophenol	60.0	19-122		%REC	1	9/30/03
Surr: 2-Fluorobiphenyl	55.6	30-115		%REC	1	9/30/03
Surr: 2-Fluorophenol	57.9	25-121		%REC	1	9/30/03
Surr: 4-Terphenyl-d14	55.4	18-137		%REC	1	9/30/03
Surr: Nitrobenzene-d5	55.2	23-120		%REC	1	9/30/03
Surr: Phenol-d5	60.5	24-113		%REC	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA 2
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/30/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/30/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Carbazole	ND	0.13		mg/Kg	1	9/30/03
Chrysene	ND	0.067		mg/Kg	1	9/30/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/30/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/30/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
Fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Fluorene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/30/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/30/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/30/03
Isophorone	ND	0.067		mg/Kg	1	9/30/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
N-Decane	ND	0.067		mg/Kg	1	9/30/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/30/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/30/03
N-Octadecane	ND	0.067		mg/Kg	1	9/30/03
Naphthalene	ND	0.067		mg/Kg	1	9/30/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/30/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/30/03
Phenacetin	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA 7
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/30/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/30/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Carbazole	ND	0.13		mg/Kg	1	9/30/03
Chrysene	ND	0.067		mg/Kg	1	9/30/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/30/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/30/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
Fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Fluorene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/30/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/30/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/30/03
Isophorone	ND	0.067		mg/Kg	1	9/30/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
N-Decane	0.097	0.067		mg/Kg	1	9/30/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/30/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/30/03
N-Octadecane	ND	0.067		mg/Kg	1	9/30/03
Naphthalene	0.56	0.067		mg/Kg	1	9/30/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/30/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/30/03
Phenacetin	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA 7
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/30/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/30/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/30/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/30/03
2-Methylnaphthalene	1.3	0.067		mg/Kg	1	9/30/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/30/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/30/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/30/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/30/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/30/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/30/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/30/03
Acetophenone	ND	0.13		mg/Kg	1	9/30/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/30/03
Aniline	ND	0.067		mg/Kg	1	9/30/03
Anthracene	ND	0.067		mg/Kg	1	9/30/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA 9
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/30/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/30/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/30/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/30/03
2-Methylnaphthalene	0.82	0.067		mg/Kg	1	9/30/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/30/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/30/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/30/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/30/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/30/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/30/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/30/03
Acetophenone	ND	0.13		mg/Kg	1	9/30/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/30/03
Aniline	ND	0.067		mg/Kg	1	9/30/03
Anthracene	ND	0.067		mg/Kg	1	9/30/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA 7
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	0.078	0.067		mg/Kg	1	9/30/03
Phenol	ND	0.067		mg/Kg	1	9/30/03
Pyrene	ND	0.067		mg/Kg	1	9/30/03
Pyridine	ND	0.067		mg/Kg	1	9/30/03
Surr: 2,4,6-Tribromophenol	56.3	19-122		%REC	1	9/30/03
Surr: 2-Fluorobiphenyl	52.6	30-115		%REC	1	9/30/03
Surr: 2-Fluorophenol	54.8	25-121		%REC	1	9/30/03
Surr: 4-Terphenyl-d14	52.8	18-137		%REC	1	9/30/03
Surr: Nitrobenzene-d5	52.4	23-120		%REC	1	9/30/03
Surr: Phenol-d5	57.5	24-113		%REC	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA 9
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/30/03
Phenol	ND	0.067		mg/Kg	1	9/30/03
Pyrene	ND	0.067		mg/Kg	1	9/30/03
Pyridine	ND	0.067		mg/Kg	1	9/30/03
Surr: 2,4,6-Tribromophenol	64.7	19-122		%REC	1	9/30/03
Surr: 2-Fluorobiphenyl	59.6	30-115		%REC	1	9/30/03
Surr: 2-Fluorophenol	64.0	25-121		%REC	1	9/30/03
Surr: 4-Terphenyl-d14	58.6	18-137		%REC	1	9/30/03
Surr: Nitrobenzene-d5	60.2	23-120		%REC	1	9/30/03
Surr: Phenol-d5	66.3	24-113		%REC	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA 9
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/30/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/30/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Carbazole	ND	0.13		mg/Kg	1	9/30/03
Chrysene	ND	0.067		mg/Kg	1	9/30/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/30/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/30/03
Diethyl phthalate	0.76	0.067		mg/Kg	1	9/30/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
Fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Fluorene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/30/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/30/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/30/03
Isophorone	ND	0.067		mg/Kg	1	9/30/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
N-Decane	0.070	0.067		mg/Kg	1	9/30/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/30/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/30/03
N-Octadecane	ND	0.067		mg/Kg	1	9/30/03
Naphthalene	0.40	0.067		mg/Kg	1	9/30/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/30/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/30/03
Phenacetin	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA 14
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/30/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/30/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Carbazole	ND	0.13		mg/Kg	1	9/30/03
Chrysene	ND	0.067		mg/Kg	1	9/30/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/30/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/30/03
Diethyl phthalate	0.54	0.067		mg/Kg	1	9/30/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
Fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Fluorene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/30/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/30/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/30/03
Isophorone	ND	0.067		mg/Kg	1	9/30/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
N-Decane	ND	0.067		mg/Kg	1	9/30/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/30/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/30/03
N-Octadecane	ND	0.067		mg/Kg	1	9/30/03
Naphthalene	0.069	0.067		mg/Kg	1	9/30/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/30/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/30/03
Phenacetin	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA 14
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/30/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/30/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/30/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/30/03
2-Methylnaphthalene	0.32	0.067		mg/Kg	1	9/30/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/30/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/30/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/30/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/30/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/30/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/30/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/30/03
Acetophenone	ND	0.13		mg/Kg	1	9/30/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/30/03
Aniline	ND	0.067		mg/Kg	1	9/30/03
Anthracene	ND	0.067		mg/Kg	1	9/30/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB 3
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/30/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/30/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/30/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/30/03
2-Methylnaphthalene	0.14	0.067		mg/Kg	1	9/30/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/30/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/30/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/30/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/30/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/30/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/30/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/30/03
Acetophenone	ND	0.13		mg/Kg	1	9/30/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/30/03
Aniline	ND	0.067		mg/Kg	1	9/30/03
Anthracene	ND	0.067		mg/Kg	1	9/30/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA 14
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/30/03
Phenol	ND	0.067		mg/Kg	1	9/30/03
Pyrene	ND	0.067		mg/Kg	1	9/30/03
Pyridine	ND	0.067		mg/Kg	1	9/30/03
Surr: 2,4,6-Tribromophenol	59.0	19-122		%REC	1	9/30/03
Surr: 2-Fluorobiphenyl	51.0	30-115		%REC	1	9/30/03
Surr: 2-Fluorophenol	56.8	25-121		%REC	1	9/30/03
Surr: 4-Terphenyl-d14	52.0	18-137		%REC	1	9/30/03
Surr: Nitrobenzene-d5	51.8	23-120		%REC	1	9/30/03
Surr: Phenol-d5	60.2	24-113		%REC	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB 3
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Phenanthrene	ND	0.067		mg/Kg	1	9/30/03
Phenol	ND	0.067		mg/Kg	1	9/30/03
Pyrene	ND	0.067		mg/Kg	1	9/30/03
Pyridine	ND	0.067		mg/Kg	1	9/30/03
Surr: 2,4,6-Tribromophenol	60.4	19-122		%REC	1	9/30/03
Surr: 2-Fluorobiphenyl	58.2	30-115		%REC	1	9/30/03
Surr: 2-Fluorophenol	57.5	25-121		%REC	1	9/30/03
Surr: 4-Terphenyl-d14	56.0	18-137		%REC	1	9/30/03
Surr: Nitrobenzene-d5	55.4	23-120		%REC	1	9/30/03
Surr: Phenol-d5	61.3	24-113		%REC	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB 3
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/30/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/30/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Carbazole	ND	0.13		mg/Kg	1	9/30/03
Chrysene	ND	0.067		mg/Kg	1	9/30/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/30/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/30/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
Fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Fluorene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/30/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/30/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/30/03
Isophorone	ND	0.067		mg/Kg	1	9/30/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
N-Decane	ND	0.067		mg/Kg	1	9/30/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/30/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/30/03
N-Octadecane	ND	0.067		mg/Kg	1	9/30/03
Naphthalene	ND	0.067		mg/Kg	1	9/30/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/30/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/30/03
Phenacetin	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB 6
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/30/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/30/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Carbazole	ND	0.13		mg/Kg	1	9/30/03
Chrysene	ND	0.067		mg/Kg	1	9/30/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/30/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/30/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
Fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Fluorene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/30/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/30/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/30/03
Isophorone	ND	0.067		mg/Kg	1	9/30/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
N-Decane	ND	0.067		mg/Kg	1	9/30/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/30/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/30/03
N-Octadecane	ND	0.067		mg/Kg	1	9/30/03
Naphthalene	0.10	0.067		mg/Kg	1	9/30/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/30/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/30/03
Phenacetin	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB 6
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/30/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/30/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/30/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/30/03
2-Methylnaphthalene	0.37	0.067		mg/Kg	1	9/30/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/30/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/30/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/30/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/30/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/30/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/30/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/30/03
Acetophenone	ND	0.13		mg/Kg	1	9/30/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/30/03
Aniline	ND	0.067		mg/Kg	1	9/30/03
Anthracene	ND	0.067		mg/Kg	1	9/30/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB 11
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/30/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/30/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/30/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/30/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/30/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/30/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/30/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/30/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/30/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/30/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/30/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/30/03
Acetophenone	ND	0.13		mg/Kg	1	9/30/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/30/03
Aniline	ND	0.067		mg/Kg	1	9/30/03
Anthracene	ND	0.067		mg/Kg	1	9/30/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB 6
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Phenanthrene	ND	0.067		mg/Kg	1	9/30/03
Phenol	ND	0.067		mg/Kg	1	9/30/03
Pyrene	ND	0.067		mg/Kg	1	9/30/03
Pyridine	ND	0.067		mg/Kg	1	9/30/03
Surr: 2,4,6-Tribromophenol	58.1	19-122		%REC	1	9/30/03
Surr: 2-Fluorobiphenyl	55.2	30-115		%REC	1	9/30/03
Surr: 2-Fluorophenol	54.3	25-121		%REC	1	9/30/03
Surr: 4-Terphenyl-d14	60.0	18-137		%REC	1	9/30/03
Surr: Nitrobenzene-d5	52.2	23-120		%REC	1	9/30/03
Surr: Phenol-d5	57.9	24-113		%REC	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB 11
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/30/03
Phenol	ND	0.067		mg/Kg	1	9/30/03
Pyrene	ND	0.067		mg/Kg	1	9/30/03
Pyridine	ND	0.067		mg/Kg	1	9/30/03
Surr: 2,4,6-Tribromophenol	60.8	19-122		%REC	1	9/30/03
Surr: 2-Fluorobiphenyl	57.2	30-115		%REC	1	9/30/03
Surr: 2-Fluorophenol	56.2	25-121		%REC	1	9/30/03
Surr: 4-Terphenyl-d14	55.4	18-137		%REC	1	9/30/03
Surr: Nitrobenzene-d5	53.8	23-120		%REC	1	9/30/03
Surr: Phenol-d5	60.7	24-113		%REC	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB 11
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/30/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/30/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Carbazole	ND	0.13		mg/Kg	1	9/30/03
Chrysene	ND	0.067		mg/Kg	1	9/30/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/30/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/30/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
Fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Fluorene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/30/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/30/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/30/03
Isophorone	ND	0.067		mg/Kg	1	9/30/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
N-Decane	ND	0.067		mg/Kg	1	9/30/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/30/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/30/03
N-Octadecane	ND	0.067		mg/Kg	1	9/30/03
Naphthalene	ND	0.067		mg/Kg	1	9/30/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/30/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/30/03
Phenacetin	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB 14
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-08A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/30/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/30/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/30/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Carbazole	ND	0.13		mg/Kg	1	9/30/03
Chrysene	ND	0.067		mg/Kg	1	9/30/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/30/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/30/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/30/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
Fluoranthene	ND	0.067		mg/Kg	1	9/30/03
Fluorene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/30/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/30/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/30/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/30/03
Isophorone	ND	0.067		mg/Kg	1	9/30/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/30/03
N-Decane	ND	0.067		mg/Kg	1	9/30/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/30/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/30/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/30/03
N-Octadecane	ND	0.067		mg/Kg	1	9/30/03
Naphthalene	ND	0.067		mg/Kg	1	9/30/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/30/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/30/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/30/03
Phenacetin	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *06-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB 14
Lab Order:	0309287	**Tag Number:**	
Project:	309146/Landfarm	**Collection Date:**	9/29/03
Lab ID:	0309287-08A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/30/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/30/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/30/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/30/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/30/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/30/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/30/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/30/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/30/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/30/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/30/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/30/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/30/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/30/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/30/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/30/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/30/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/30/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthene	ND	0.067		mg/Kg	1	9/30/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/30/03
Acetophenone	ND	0.13		mg/Kg	1	9/30/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/30/03
Aniline	ND	0.067		mg/Kg	1	9/30/03
Anthracene	ND	0.067		mg/Kg	1	9/30/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/30/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/30/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

CLIENT: Pinnacle Laboratories
Work Order: 0309287
Project: 309146/Landfarm

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **MB-6274** SampType: **MBLK** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/29/03** Run ID: **MANFREDD_030930A**
Client ID: **ZZZZZ** Batch ID: **6274** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/30/03** SeqNo: **182208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4,5-Tetrachlorobenzene	ND	0.067									
1,2,4-Trichlorobenzene	ND	0.067									
1,2-Dichlorobenzene	ND	0.067									
1,2-Diphenylhydrazine	ND	0.067									
1,3-Dichlorobenzene	ND	0.067									
1,4-Dichlorobenzene	ND	0.067									
2,3,4,6-Tetrachlorophenol	ND	0.067									
2,4,5-Trichlorophenol	ND	0.067									
2,4,6-Trichlorophenol	ND	0.067									
2,4-Dichlorophenol	ND	0.067									
2,4-Dimethylphenol	ND	0.067									
2,4-Dinitrophenol	ND	0.67									
2,4-Dinitrotoluene	ND	0.067									
2,6-Dichlorophenol	ND	0.067									
2,6-Dinitrotoluene	ND	0.067									
2-Chloronaphthalene	ND	0.067									
2-Chlorophenol	ND	0.067									
2-Methylnaphthalene	ND	0.067									
2-Methylphenol	ND	0.067									
2-Nitroaniline	ND	0.067									
2-Nitrophenol	ND	0.067									
3&4-Methylphenol	ND	0.13									
3-Methylcholanthrene	ND	0.067									
3-Nitroaniline	ND	0.067									
4,6-Dinitro-2-methylphenol	ND	0.20									
4-Aminobiphenyl	ND	0.10									
4-Bromophenyl phenyl ether	ND	0.067									
4-Chloro-3-methylphenol	ND	0.067									
4-Chlorophenyl phenyl ether	ND	0.067									
4-Nitroaniline	ND	0.067									

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

Environmental Services Laboratory

Date: 06-Oct-03

CLIENT: Pinnacle Laboratories
Lab Order: 0309287
Project: 309146/Landfarm
Lab ID: 0309287-08A

Client Sample ID: LFB 14
Tag Number:
Collection Date: 9/29/03
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C (3550B)**				Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/30/03
Phenol	ND	0.067		mg/Kg	1	9/30/03
Pyrene	ND	0.067		mg/Kg	1	9/30/03
Pyridine	ND	0.067		mg/Kg	1	9/30/03
Surr: 2,4,6-Tribromophenol	55.2	19-122		%REC	1	9/30/03
Surr: 2-Fluorobiphenyl	51.2	30-115		%REC	1	9/30/03
Surr: 2-Fluorophenol	49.6	25-121		%REC	1	9/30/03
Surr: 4-Terphenyl-d14	51.6	18-137		%REC	1	9/30/03
Surr: Nitrobenzene-d5	47.8	23-120		%REC	1	9/30/03
Surr: Phenol-d5	53.4	24-113		%REC	1	9/30/03

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; B - Analyte detected in the associated Method Blank; * - Value exceeds Maximum Contaminant Level; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; E - Value above quantitation range

CLIENT: Pinnacle Laboratories
Work Order: 0309287
Project: 309146/Landfarm

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **MB-6274** SampType: **MBLK** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/29/03** Run ID: **MANFREDD_030930A**
Client ID: **ZZZZZ** Batch ID: **6274** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/30/03** SeqNo: **182208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	0.067									
Hexachlorocyclopentadiene	ND	0.20									
Hexachloroethane	ND	0.067									
Indeno(1,2,3-cd)pyrene	ND	0.067									
Isophorone	ND	0.067									
Methyl methanesulfonate	ND	0.067									
N-Decane	ND	0.067									
N-Nitroso-di-n-butylamine	ND	0.13									
N-Nitrosodi-n-propylamine	ND	0.067									
N-Nitrosodiphenylamine	ND	0.067									
N-Nitrosopiperidine	ND	0.067									
N-Octadecane	ND	0.067									
Naphthalene	ND	0.067									
Nitrobenzene	ND	0.067									
p-Aminoazobenzene	ND	0.067									
Pentachlorobenzene	ND	0.067									
Pentachloronitrobenzene	ND	0.067									
Pentachlorophenol	ND	0.10									
Phenacetin	ND	0.067									
Phenanthrene	ND	0.067									
Phenol	ND	0.067									
Pyrene	ND	0.067									
Pyridine	ND	0.067									
Surr: 2,4,6-Tribromophenol	2.23	0	3.33	0	67.1	19	122	0	0		
Surr: 2-Fluorobiphenyl	1.07	0	1.66	0	64.3	30	115	0	0		
Surr: 2-Fluorophenol	2.16	0	3.33	0	64.9	25	121	0	0		
Surr: 4-Terphenyl-d14	1.11	0	1.66	0	66.9	18	137	0	0		
Surr: Nitrobenzene-d5	0.933	0	1.66	0	56.2	23	120	0	0		
Surr: Phenol-d5	2.23	0	3.33	0	67.1	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309287
Project: 309146/Landfarm

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **MB-6274** SampType: **MBLK** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/29/03** Run ID: **MANFREDD_030930A**
Client ID: **ZZZZZ** Batch ID: **6274** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/30/03** SeqNo: **182208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	ND	0.067									
7,12-Dimethylbenz(a)anthracene	ND	0.067									
Acenaphthene	ND	0.067									
Acenaphthylene	ND	0.067									
Acetophenone	ND	0.13									
alpha-Terpinol	ND	0.30									
Aniline	ND	0.067									
Anthracene	ND	0.067									
Benz(a)anthracene	ND	0.067									
Benzo(a)pyrene	ND	0.067									
Benzo(b)fluoranthene	ND	0.067									
Benzo(g,h,i)perylene	ND	0.067									
Benzo(k)fluoranthene	ND	0.067									
Benzyl alcohol	ND	0.067									
Bis(2-chloroethoxy)methane	ND	0.067									
Bis(2-chloroethyl)ether	ND	0.067									
Bis(2-chloroisopropyl)ether	ND	0.067									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Butyl benzyl phthalate	ND	0.067									
Carbazole	ND	0.13									
Chrysene	ND	0.067									
Di-n-butyl phthalate	ND	0.067									
Di-n-octyl phthalate	ND	0.067									
Dibenz(a,h)anthracene	ND	0.067									
Dibenzofuran	ND	0.067									
Diethyl phthalate	ND	0.067									
Dimethyl phthalate	ND	0.067									
Ethyl methanesulfonate	ND	0.067									
Fluoranthene	ND	0.067									
Fluorene	ND	0.067									
Hexachlorobenzene	ND	0.067									

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309287
Project: 309146/Landfarm

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **LCSD-6274** SampType: **LCSD** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/29/03** Run ID: **MANFREDD_030930A**
Client ID: **ZZZZZ** Batch ID: **6274** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/30/03** SeqNo: **182210**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	2.35	0.067	3.33	0	70.7	5	112	2.18	7.80	20	
Pyrene	1.09	0.067	1.66	0	65.5	52	115	1.04	4.71	20	
Surr: 2,4,6-Tribromophenol	2.66	0	3.33	0	80	19	122	0	0	0	
Surr: 2-Fluorobiphenyl	1.16	0	1.66	0	69.9	30	115	0	0	0	
Surr: 2-Fluorophenol	2.43	0	3.33	0	73.1	25	121	0	0	0	
Surr: 4-Terphenyl-d14	1.07	0	1.66	0	64.3	18	137	0	0	0	
Surr: Nitrobenzene-d5	1.07	0	1.66	0	64.7	23	120	0	0	0	
Surr: Phenol-d5	2.47	0	3.33	0	74.3	24	113	0	0	0	

Sample ID: **0309287-08A MS** SampType: **MS** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/29/03** Run ID: **MANFREDD_030930A**
Client ID: **LFB 14** Batch ID: **6274** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/30/03** SeqNo: **182232**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	0.843	0.067	1.66	0	50.8	44	142	0	0		
1,4-Dichlorobenzene	0.84	0.067	1.66	0	50.6	20	124	0	0		
2,4-Dinitrotoluene	0.907	0.067	1.66	0	54.6	39	139	0	0		
2-Chlorophenol	1.87	0.067	3.33	0	56.1	23	134	0	0		
4-Chloro-3-methylphenol	1.84	0.067	3.33	0	55.3	22	147	0	0		
4-Nitrophenol	1.78	0.067	3.33	0	53.4	1	132	0	0		
Acenaphthene	0.953	0.067	1.66	0	57.4	47	145	0	0		
N-Nitrosodi-n-propylamine	0.86	0.067	1.66	0	51.8	1	230	0	0		
Pentachlorophenol	1.53	0.10	3.33	0	46	14	176	0	0		
Phenol	1.66	0.067	3.33	0	49.7	5	112	0	0		
Pyrene	0.873	0.067	1.66	0	52.6	52	115	0	0		
Surr: 2,4,6-Tribromophenol	2.03	0	3.33	0	61	19	122	0	0		
Surr: 2-Fluorobiphenyl	0.94	0	1.66	0	56.6	30	115	0	0		
Surr: 2-Fluorophenol	1.81	0	3.33	0	54.3	25	121	0	0		
Surr: 4-Terphenyl-d14	0.93	0	1.66	0	56	18	137	0	0		
Surr: Nitrobenzene-d5	0.88	0	1.66	0	53	23	120	0	0		
Surr: Phenol-d5	1.92	0	3.33	0	57.8	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309287
Project: 309146/Landfarm

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **LCS-6274** SampType: **LCS** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/29/03** Run ID: **MANFREDD_030930A**
Client ID: **ZZZZZ** Batch ID: **6274** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/30/03** SeqNo: **182209**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.03	0.067	1.66	0	61.8	44	142	0	0		
1,4-Dichlorobenzene	1.1	0.067	1.66	0	66.3	20	124	0	0		
2,4-Dinitrotoluene	1.09	0.067	1.66	0	65.9	39	139	0	0		
2-Chlorophenol	2.41	0.067	3.33	0	72.4	23	134	0	0		
4-Chloro-3-methylphenol	2.21	0.067	3.33	0	66.4	22	147	0	0		
4-Nitrophenol	2.06	0.067	3.33	0	62	1	132	0	0		
Acenaphthene	1.15	0.067	1.66	0	69.1	47	145	0	0		
N-Nitrosodi-n-propylamine	1.07	0.067	1.66	0	64.7	1	230	0	0		
Pentachlorophenol	1.7	0.10	3.33	0	51.1	14	176	0	0		
Phenol	2.18	0.067	3.33	0	65.4	5	112	0	0		
Pyrene	1.04	0.067	1.66	0	62.4	52	115	0	0		
Surr: 2,4,6-Tribromophenol	2.39	0	3.33	0	71.9	19	122	0	0		
Surr: 2-Fluorobiphenyl	1.1	0	1.66	0	66.1	30	115	0	0		
Surr: 2-Fluorophenol	2.31	0	3.33	0	69.4	25	121	0	0		
Surr: 4-Terphenyl-d14	1.07	0	1.66	0	64.5	18	137	0	0		
Surr: Nitrobenzene-d5	1	0	1.66	0	60.2	23	120	0	0		
Surr: Phenol-d5	2.32	0	3.33	0	69.8	24	113	0	0		

Sample ID: **LCSD-6274** SampType: **LCSD** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/29/03** Run ID: **MANFREDD_030930A**
Client ID: **ZZZZZ** Batch ID: **6274** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/30/03** SeqNo: **182210**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.1	0.067	1.66	0	66.3	44	142	1.03	6.90	20	
1-Dichlorobenzene	1.17	0.067	1.66	0	70.5	20	124	1.1	6.17	20	
-Dinitrotoluene	1.23	0.067	1.66	0	73.9	39	139	1.09	11.5	20	
2-Chlorophenol	2.62	0.067	3.33	0	78.7	23	134	2.41	8.35	20	
4-Chloro-3-methylphenol	2.35	0.067	3.33	0	70.7	22	147	2.21	6.28	20	
4-Nitrophenol	2.31	0.067	3.33	0	69.5	1	132	2.06	11.4	20	
Acenaphthene	1.23	0.067	1.66	0	73.9	47	145	1.15	6.74	20	
N-Nitrosodi-n-propylamine	1.16	0.067	1.66	0	69.9	1	230	1.07	7.76	20	
Pentachlorophenol	1.95	0.10	3.33	0	58.5	14	176	1.7	13.5	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309287
Project: 309146/Landfarm

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **0309287-01A DUP** SampType: **DUP** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/30/03** Run ID: **MANFREDD_030930A**
Client ID: **LFA 2** Batch ID: **6274** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/30/03** SeqNo: **182224**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
7,12-Dimethylbenz(a)anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Acenaphthene	ND	0.067	0	0	0	0	0	0	0	20	
Acenaphthylene	ND	0.067	0	0	0	0	0	0	0	20	
Acetophenone	ND	0.13	0	0	0	0	0	0	0	20	
alpha-Terpinol	ND	0.30	0	0	0	0	0	0	0	0	
Aniline	ND	0.067	0	0	0	0	0	0	0	20	
Anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Benz(a)anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(a)pyrene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(b)fluoranthene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(g,h,i)perylene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(k)fluoranthene	ND	0.067	0	0	0	0	0	0	0	20	
Benzyl alcohol	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-chloroethoxy)methane	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-chloroethyl)ether	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-chloroisopropyl)ether	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-ethylhexyl)phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Butyl benzyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Carbazole	ND	0.13	0	0	0	0	0	0	0	20	
Chrysene	ND	0.067	0	0	0	0	0	0	0	20	
Di-n-butyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Di-n-octyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Dibenz(a,h)anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Dibenzofuran	ND	0.067	0	0	0	0	0	0	0	20	
Diethyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Dimethyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Ethyl methanesulfonate	ND	0.067	0	0	0	0	0	0	0	20	
Fluoranthene	ND	0.067	0	0	0	0	0	0	0	20	
Fluorene	ND	0.067	0	0	0	0	0	0	0	20	
Hexachlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Hexachlorobutadiene	ND	0.067	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309287
Project: 309146/Landfarm

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **0309287-01A DUP** SampType: **DUP** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/30/03** Run ID: **MANFREDD_030930A**
Client ID: **LFA 2** Batch ID: **6274** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/30/03** SeqNo: **182224**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4,5-Tetrachlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,2,4-Trichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,2-Dichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,2-Diphenylhydrazine	ND	0.067	0	0	0	0	0	0	0	20	
1,3-Dichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,4-Dichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
2,3,4,6-Tetrachlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4,5-Trichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4,6-Trichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4-Dichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4-Dimethylphenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4-Dinitrophenol	ND	0.67	0	0	0	0	0	0	0	20	
2,4-Dinitrotoluene	ND	0.067	0	0	0	0	0	0	0	20	
2,6-Dichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,6-Dinitrotoluene	ND	0.067	0	0	0	0	0	0	0	20	
2-Chloronaphthalene	ND	0.067	0	0	0	0	0	0	0	20	
2-Chlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2-Methylnaphthalene	ND	0.067	0	0	0	0	0	0.0737	0	20	
2-Methylphenol	ND	0.067	0	0	0	0	0	0	0	20	
2-Nitroaniline	ND	0.067	0	0	0	0	0	0	0	20	
2-Nitrophenol	ND	0.067	0	0	0	0	0	0	0	20	
3&4-Methylphenol	ND	0.13	0	0	0	0	0	0	0	20	
3-Methylcholanthrene	ND	0.067	0	0	0	0	0	0	0	0	
Nitroaniline	ND	0.067	0	0	0	0	0	0	0	20	
-Dinitro-2-methylphenol	ND	0.20	0	0	0	0	0	0	0	20	
4-Aminobiphenyl	ND	0.10	0	0	0	0	0	0	0	20	
4-Bromophenyl phenyl ether	ND	0.067	0	0	0	0	0	0	0	20	
4-Chloro-3-methylphenol	ND	0.067	0	0	0	0	0	0	0	20	
4-Chlorophenyl phenyl ether	ND	0.067	0	0	0	0	0	0	0	20	
4-Nitroaniline	ND	0.067	0	0	0	0	0	0	0	20	
4-Nitrophenol	ND	0.067	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309287
Project: 309146/Landfarm

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **CCV** SampType: **CCV** TestCode: **06 8270 S** Units: **mg/L** Prep Date: Run ID: **MANFREDD_030930A**
Client ID: **ZZZZZ** Batch ID: **R15063** TestNo: **EPA 8270C** Analysis Date: **9/30/03** SeqNo: **182207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	49.3	0.067	50	0	98.6	80	120	0	0		
2,4,6-Trichlorophenol	50.9	0.067	50	0	102	80	120	0	0		
2,4-Dichlorophenol	53.4	0.067	50	0	107	80	120	0	0		
2-Nitrophenol	52.6	0.067	50	0	105	80	120	0	0		
4-Chloro-3-methylphenol	52.8	0.067	50	0	106	80	120	0	0		
Acenaphthene	48	0.067	50	0	96	80	120	0	0		
Benzo(a)pyrene	50.4	0.067	50	0	101	80	120	0	0		
Di-n-octyl phthalate	40.1	0.067	50	0	80.2	80	120	0	0		
Fluoranthene	44.3	0.067	50	0	88.6	80	120	0	0		
Hexachlorobutadiene	49.1	0.067	50	0	98.2	80	120	0	0		
N-Nitrosodiphenylamine	91.4	0.067	100	0	91.4	80	120	0	0		
Pentachlorophenol	48.1	0.10	50	0	96.2	80	120	0	0		
Phenol	42.3	0.067	50	0	84.6	80	120	0	0		
Surr: 2,4,6-Tribromophenol	49.7	0	50	0	99.4	80	120	0	0		
Surr: 2-Fluorobiphenyl	47.2	0	50	0	94.4	80	120	0	0		
Surr: 2-Fluorophenol	51.8	0	50	0	104	80	120	0	0		
Surr: 4-Terphenyl-d14	40.1	0	50	0	80.2	80	120	0	0		
Surr: Nitrobenzene-d5	51.8	0	50	0	104	80	120	0	0		
Surr: Phenol-d5	48.3	0	50	0	96.6	80	120	0	0		

Sample ID: **CCV** SampType: **CCV** TestCode: **06 8270 S** Units: **mg/L** Prep Date: **9/30/03** Run ID: **MANFREDD_030930A**
Client ID: **ZZZZZ** Batch ID: **R15063** TestNo: **EPA 8270C** Analysis Date: **9/30/03** SeqNo: **182221**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	50.1	0.067	50	0	100	80	120	0	0		
2,4,6-Trichlorophenol	48.9	0.067	50	0	97.8	80	120	0	0		
2,4-Dichlorophenol	52.9	0.067	50	0	106	80	120	0	0		
2-Nitrophenol	52.1	0.067	50	0	104	80	120	0	0		
4-Chloro-3-methylphenol	51.7	0.067	50	0	103	80	120	0	0		
Acenaphthene	47.6	0.067	50	0	95.2	80	120	0	0		
Benzo(a)pyrene	50.3	0.067	50	0	101	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309287
Project: 309146/Landfarm

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **0309287-01A DUP** SampType: **DUP** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/30/03** Run ID: **MANFREDD_030930A**
Client ID: **LFA 2** Batch ID: **6274** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/30/03** SeqNo: **182224**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorocyclopentadiene	ND	0.20	0	0	0	0	0	0	0	20	
Hexachloroethane	ND	0.067	0	0	0	0	0	0	0	20	
Indeno(1,2,3-cd)pyrene	ND	0.067	0	0	0	0	0	0	0	20	
Isophorone	ND	0.067	0	0	0	0	0	0	0	20	
Methyl methanesulfonate	ND	0.067	0	0	0	0	0	0	0	20	
N-Decane	ND	0.067	0	0	0	0	0	0	0	20	
N-Nitroso-di-n-butylamine	ND	0.13	0	0	0	0	0	0	0	20	
N-Nitrosodi-n-propylamine	ND	0.067	0	0	0	0	0	0	0	20	
N-Nitrosodiphenylamine	ND	0.067	0	0	0	0	0	0	0	20	
N-Nitrosopiperidine	ND	0.067	0	0	0	0	0	0	0	20	
N-Octadecane	ND	0.067	0	0	0	0	0	0	0	20	
Naphthalene	ND	0.067	0	0	0	0	0	0	0	20	
Nitrobenzene	ND	0.067	0	0	0	0	0	0	0	20	
p-Aminoazobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Pentachlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Pentachloronitrobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Pentachlorophenol	ND	0.10	0	0	0	0	0	0	0	20	
Phenacetin	ND	0.067	0	0	0	0	0	0	0	20	
Phenanthrene	ND	0.067	0	0	0	0	0	0	0	20	
Phenol	ND	0.067	0	0	0	0	0	0	0	20	
Pyrene	ND	0.067	0	0	0	0	0	0	0	20	
Pyridine	ND	0.067	0	0	0	0	0	0	0	20	
Surr: 2,4,6-Tribromophenol	1.85	0	3.33	0	55.7	19	122	0	0		
Surr: 2-Fluorobiphenyl	0.83	0	1.66	0	50	30	115	0	0		
Surr: 2-Fluorophenol	1.77	0	3.33	0	53.2	25	121	0	0		
Surr: 4-Terphenyl-d14	0.823	0	1.66	0	49.6	18	137	0	0		
Surr: Nitrobenzene-d5	0.817	0	1.66	0	49.2	23	120	0	0		
Surr: Phenol-d5	1.87	0	3.33	0	56.2	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

CHAIN OF CUSTODY RECORD
Date 9-29-03 Page 1 of 1

0309287

CLIENT: BHATE ENVIRONMENTAL
ADDRESS: 1641 VANDERGRIFT RD. #1266
HOLLOMAN AFB NM 88330

PROJECT MANAGER: Jerry Pelley
PHONE NUMBER: 505-679-2100

PROJECT NAME: LANDFARM
SAMPLERS (Signature): Kevin D. Guneman

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled X Frozen ___
Same Day ____ 24 Hr. ____
Regular ____ 48 Hr. ____

	SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
01	LFA2	LANDFARM	9/29/03	0845			/	1		SEE ATTACHMENT
02	LFA7			0846			/	1		
03	LFA9			0848			/	1		
04	LFA14			0851			/	1		
05	LFB3			0854			/	1		
06	LFB6			0856			/	1		
07	LFB11			0859			/	1		
08	LFB14			0900			/	1		

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kevin D. Guneman 9-29-03 1600		
Relinquished by: (Signature)	Received by Laboratory for analysis: (Signature) D. Thomas	Date/Time 9/30/03 1000

Special Instructions: PLEASE FAX RESULTS TO 505-679-2148
FED EX # 838544322192

I hereby authorize the performance of the above indicated work.
Kevin D. Guneman
DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

---

CLIENT: Pinnacle Laboratories
Work Order: 0309287
Project: 309146/Landfarm

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: CCV | SampType: CCV | TestCode: 06 8270 S | Units: mg/L | Prep Date: 9/30/03 | Run ID: MANFREDD_030930A
Client ID: ZZZZZ | Batch ID: R15063 | TestNo: EPA 8270C | Analysis Date: 9/30/03 | SeqNo: 182221

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Di-n-octyl phthalate	40.5	0.067	50	0	81	80	120	0	0		
Fluoranthene	42.9	0.067	50	0	85.8	80	120	0	0		
Hexachlorobutadiene	48.5	0.067	50	0	97	80	120	0	0		
N-Nitrosodiphenylamine	51.7	0.067	50	0	103	80	120	0	0		
Pentachlorophenol	45.4	0.10	50	0	90.8	80	120	0	0		
Phenol	42	0.067	50	0	84	80	120	0	0		
Surr: 2,4,6-Tribromophenol	48.3	0	50	0	96.6	80	120	0	0		
Surr: 2-Fluorobiphenyl	46.2	0	50	0	92.4	80	120	0	0		
Surr: 2-Fluorophenol	52	0	50	0	104	80	120	0	0		
Surr: 4-Terphenyl-d14	40.6	0	50	0	81.2	80	120	0	0		
Surr: Nitrobenzene-d5	51	0	50	0	102	80	120	0	0		
Surr: Phenol-d5	48.8	0	50	0	97.6	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

PLI#: 309146

0309287

CHAIN OF CUSTODY RECORD
Date 9-29-03 Page 1 of 1

CLIENT: BHATE Environmental
ADDRESS: 1641 Vandergrift Rd. #1266
Holloman AFB NM 88330

PROJECT MANAGER: Jerry Pelfrey
PHONE NUMBER: 505-679-2100
SAMPLERS: (Signature) Kevin D. Germann

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ____ Cooled X Frozen ____
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

PROJECT NAME: LANDFARM

	SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
01	LFA2	LandFarm	9/29/03	0845			/	1		SEE ATTACHMENT
02	LFA7			0846			/	1		
03	LFA9			0848			/	1		
04	LFA14			0851			/	1		
05	LFB3			0854			/	1		
06	LFB6			0856			/	1		
07	LFB11			0859			/	1		
08	LFB14			0900			/	1		

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kevin D. Germann 9-29-03 1600		
Relinquished by: (Signature)	Received by Laboratory for analysis: (Signature) D. Thomas	Date/Time 9/30/03 1000

Special Instructions: Please Fax Results to 505-679-2148
Fed Ex #833544322192

I hereby authorize the performance of the above indicated work.
Kevin D. Germann

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

09/30/2003 10:02 FAX

PINNACLE LABORATORIES **Pinnacle Laboratories Inc.**

CHAIN OF CUSTODY
DATE: 9-29-03 PAGE: 1 OF 1

PLI Accession #: 309146

SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: Jerry Pelfrey
COMPANY: BHATE Environmental
ADDRESS: 1641 Vandergrift Rd. #1266
Holloman AFB NM 88330
PHONE: 505-679-2100
FAX: 505-679-2148
BILL TO:
COMPANY: BHATE
ADDRESS: 1628 13th Ave So Suite 300
Birmingham, AL 35205

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:	Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:	NUMBER OF CONTAINERS
LFA2	9/29/03	0845	solid	01		X	X									X													1
LFA7		0846		02		X	X									X													1
LFA9		0848		03		X	X									X													1
LFA14		0851		04		X	X									X													1
LFB3		0854		05		X	X									X													1
LFB6		0856		06		X	X									X													1
LFB11		0859		07		X	X									X													1
LFB14		0900		08		X	X									X													1

COMPLETELY.

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

PLEASE FILL THIS FORM

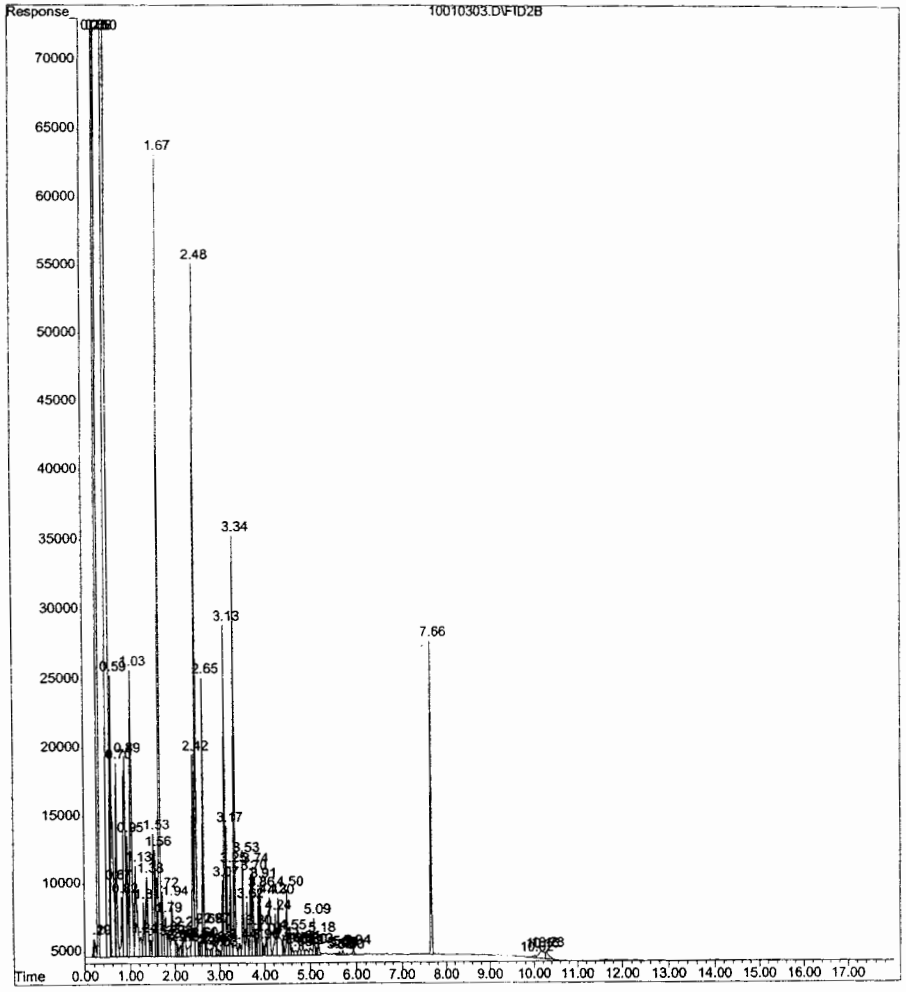
PROJECT INFORMATION	
PROJ. NO.: 9030.024.02.02	
PROJ. NAME:	
P.O. NO.:	
SHIPPED VIA:	
SAMPLE RECEIPT	
NO CONTAINERS	8
CUSTODY SEALS	Y / N / NA
RECEIVED INTACT	YES
BLUE ICE/ICE	3.3°C

(RUSH) ☐ 24hr* ☐ 48hr* ☐ 72hr* ☐ 1 WEEK (NORMAL)
*NOT AVAILABLE FOR ALL ANALYSES
CERTIFICATION REQUIRED ☐ NM ☐ SDWA ☐ AZ ☐ OTHER
METHANOL PRESERVATION ☐ METALS ☐ TOTAL ☐ DISSOLVED

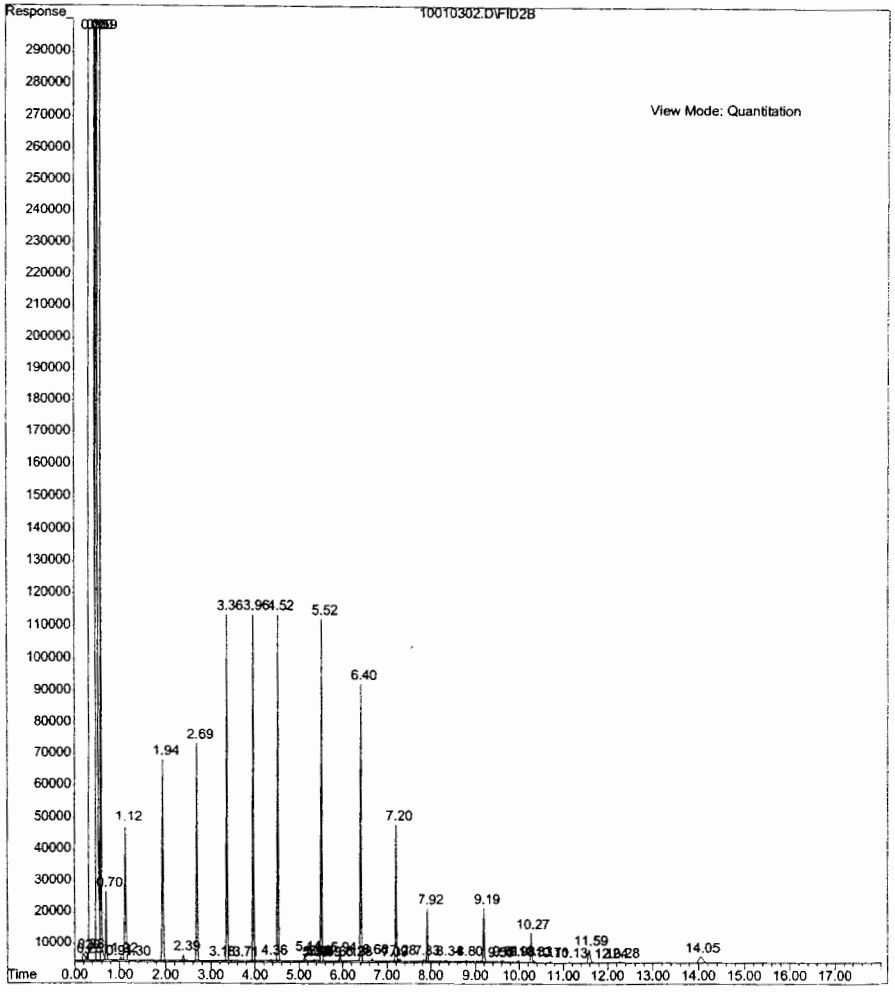
COMMENTS: Please Fax results to 505-679-2148
per Terry @ Bhate Rush 24 hr. - 48 hr.
due 10/2/03

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: KDG Time: 1600	Signature: Time:
Printed Name: Kevin Germann Date: 9/29/03	Printed Name: Date:
Company: BHATE	Company:
See Reverse side (Force Majeure)	
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: Francine Time: 1349
Printed Name: Date:	Printed Name: Francine Tarivio Date: 9/30/03
Company:	Pinnacle Laboratories Inc.

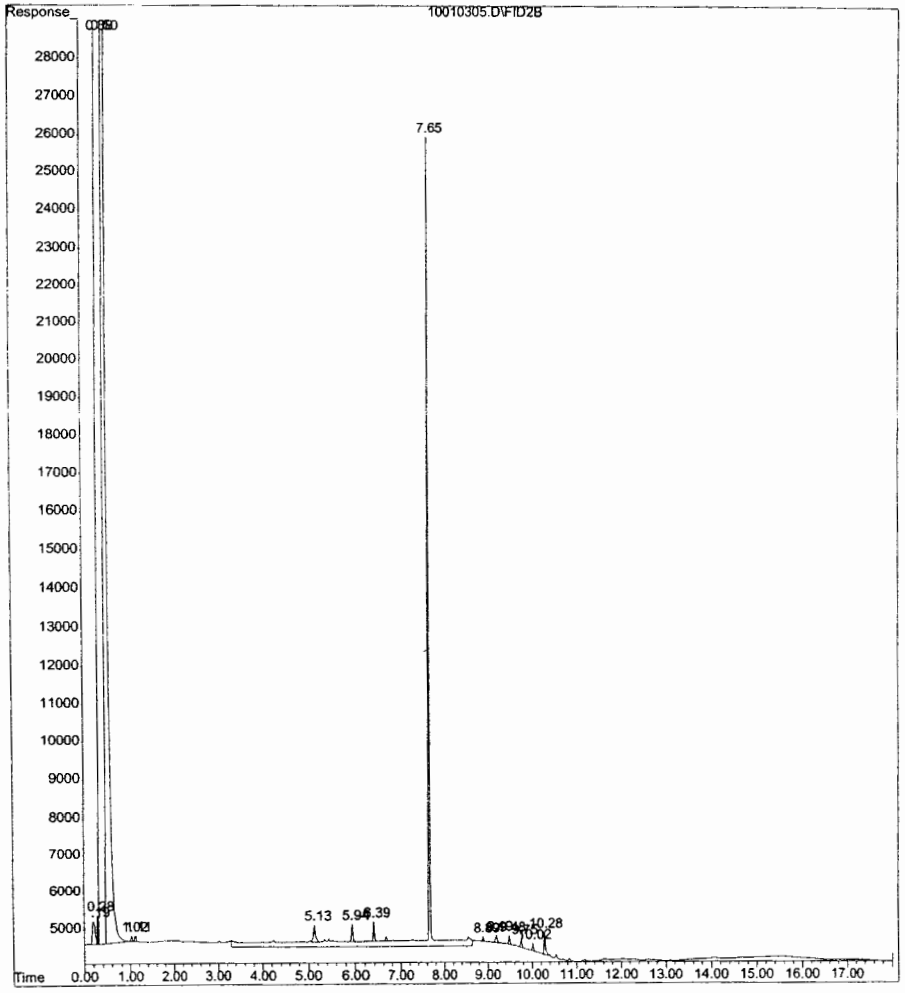
File : C:\HPCHEM\2\DATA\100103F\10010303.D
Operator : VP
Acquired : 1 Oct 2003 10:06 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: GRO CCV 200PPB
Misc Info : GC4-115-13
Vial Number: 3



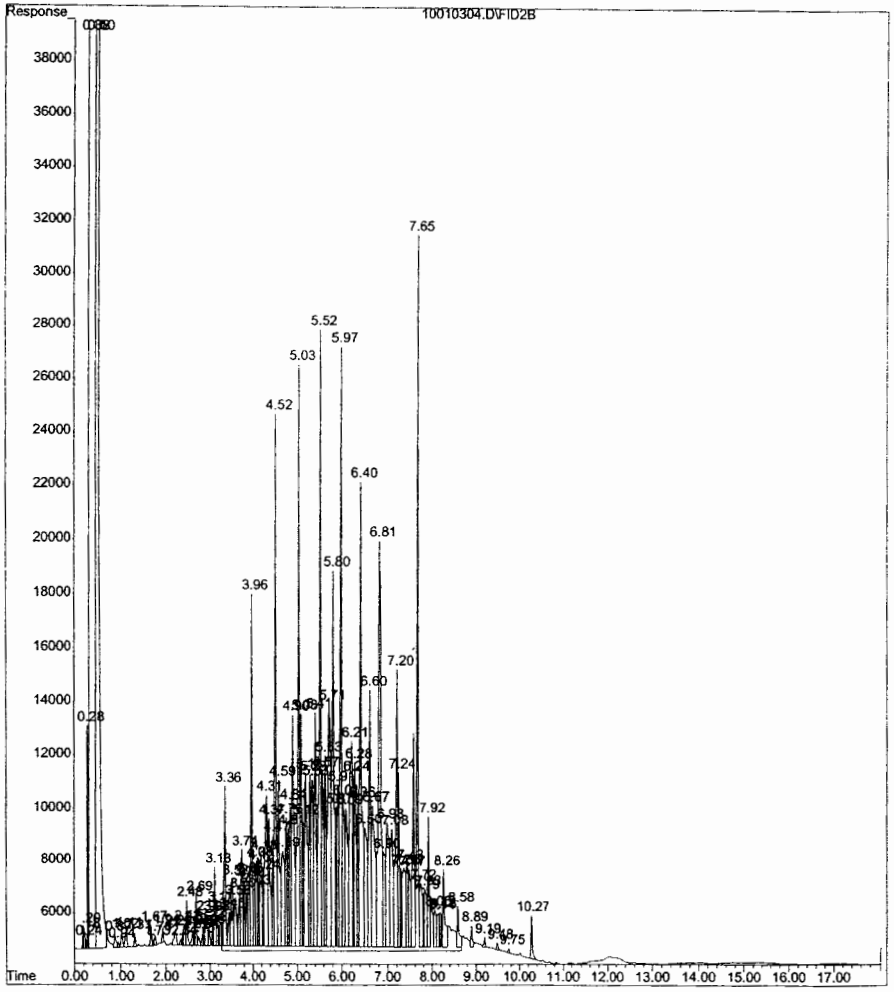
File : C:\HPCHEM\2\DATA\100103F\10010302.D
Operator : VP
Acquired : 1 Oct 2003 9:38 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: RT STD
Misc Info : GC4-111-20
Vial Number: 2



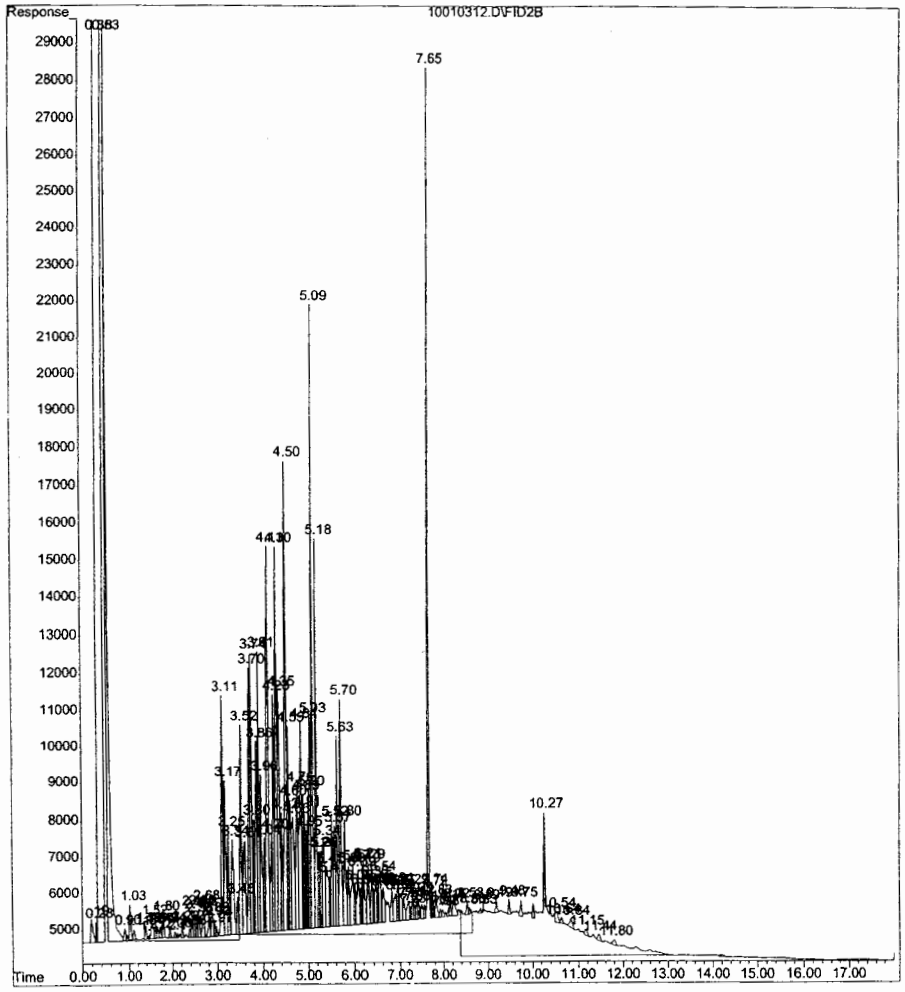
File : C:\HPCHEM\2\DATA\100103F\10010305.D
Operator : VP
Acquired : 1 Oct 2003 11:02 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: SRB0930
Misc Info : 10G/10ML 9/30
Vial Number: 5



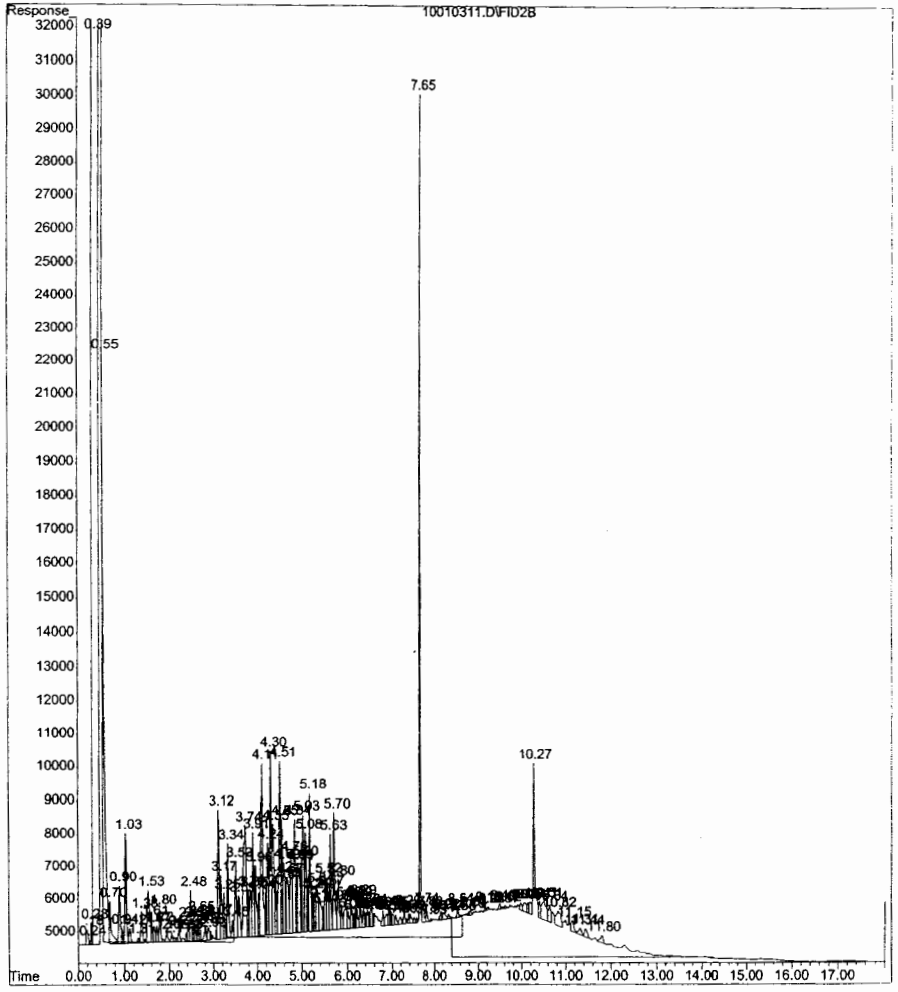
File : C:\HPCHEM\2\DATA\100103F\10010304.D
Operator : VP
Acquired : 1 Oct 2003 10:34 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: DRO CCV 200PPB
Misc Info : GC4-115-16
Vial Number: 4



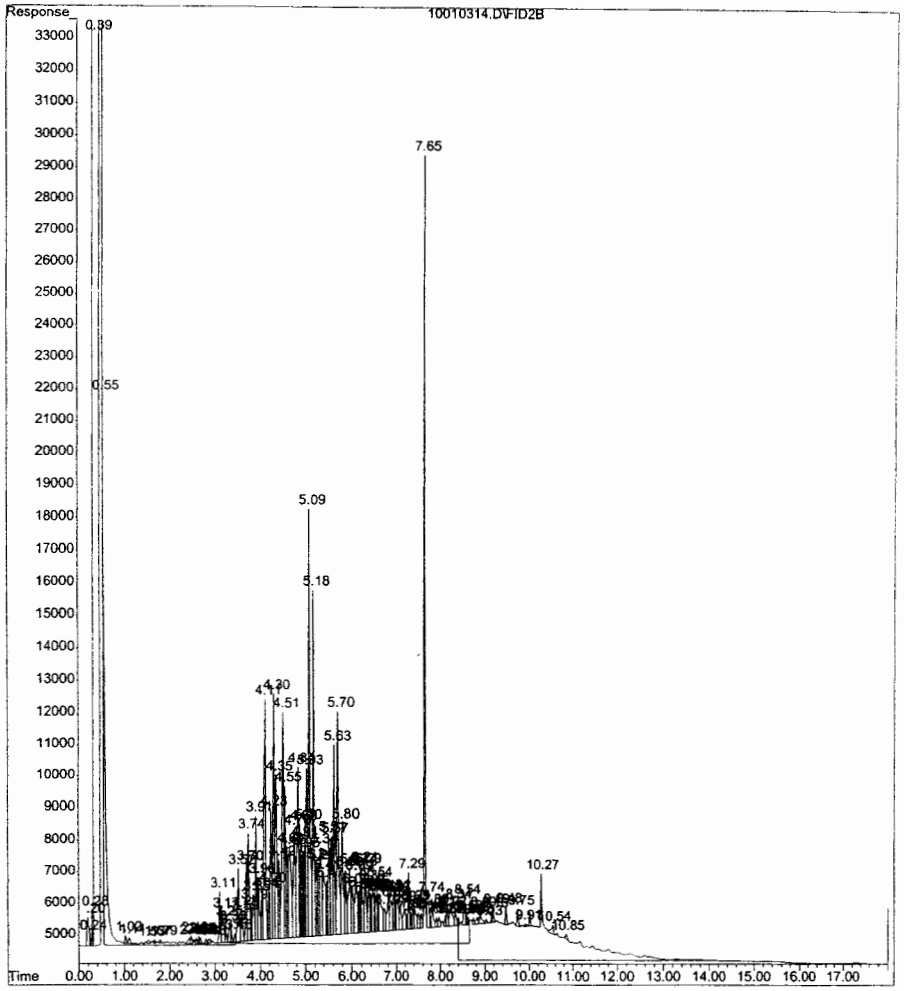
File : C:\HPCHEM\2\DATA\100103F\10010312.D
Operator : VP
Acquired : 1 Oct 2003 14:19 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309146-02
Misc Info : 10G/10ML 9/30
Vial Number: 12



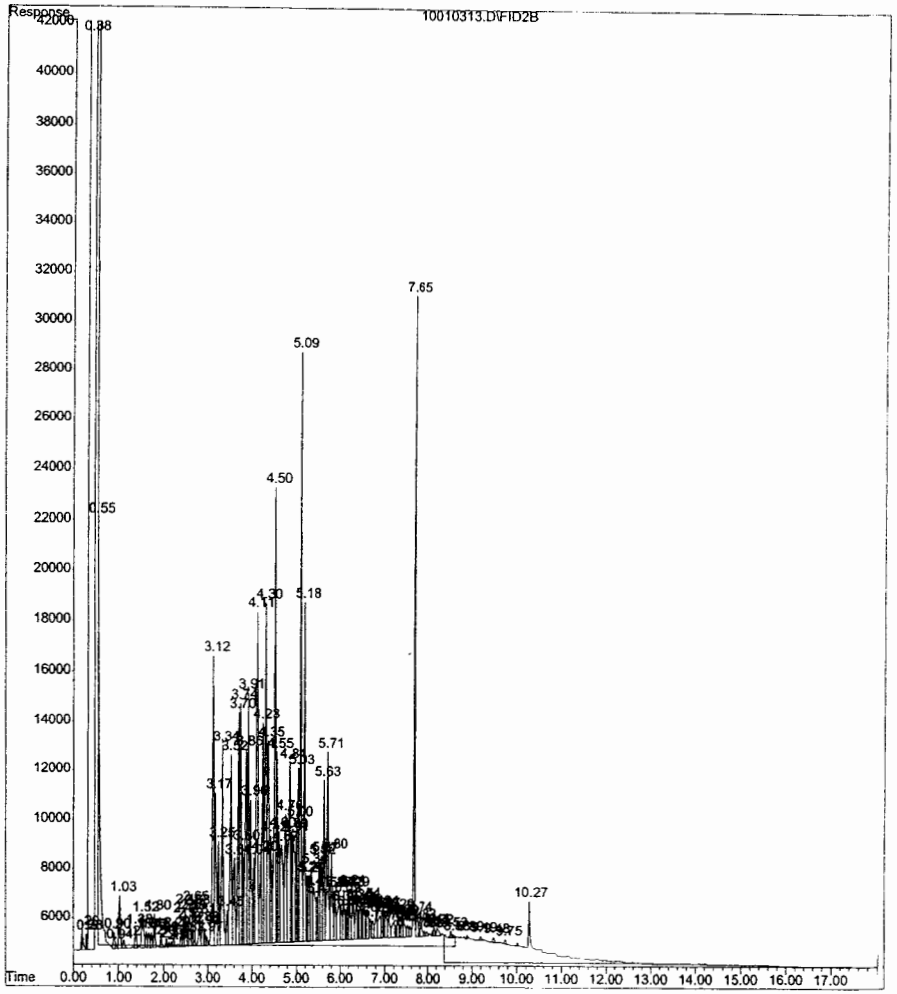
File : C:\HPCHEM\2\DATA\100103F\10010311.D
Operator : VP
Acquired : 1 Oct 2003 13:51 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309146-01
Misc Info : 10G/10ML 9/30
Vial Number: 11



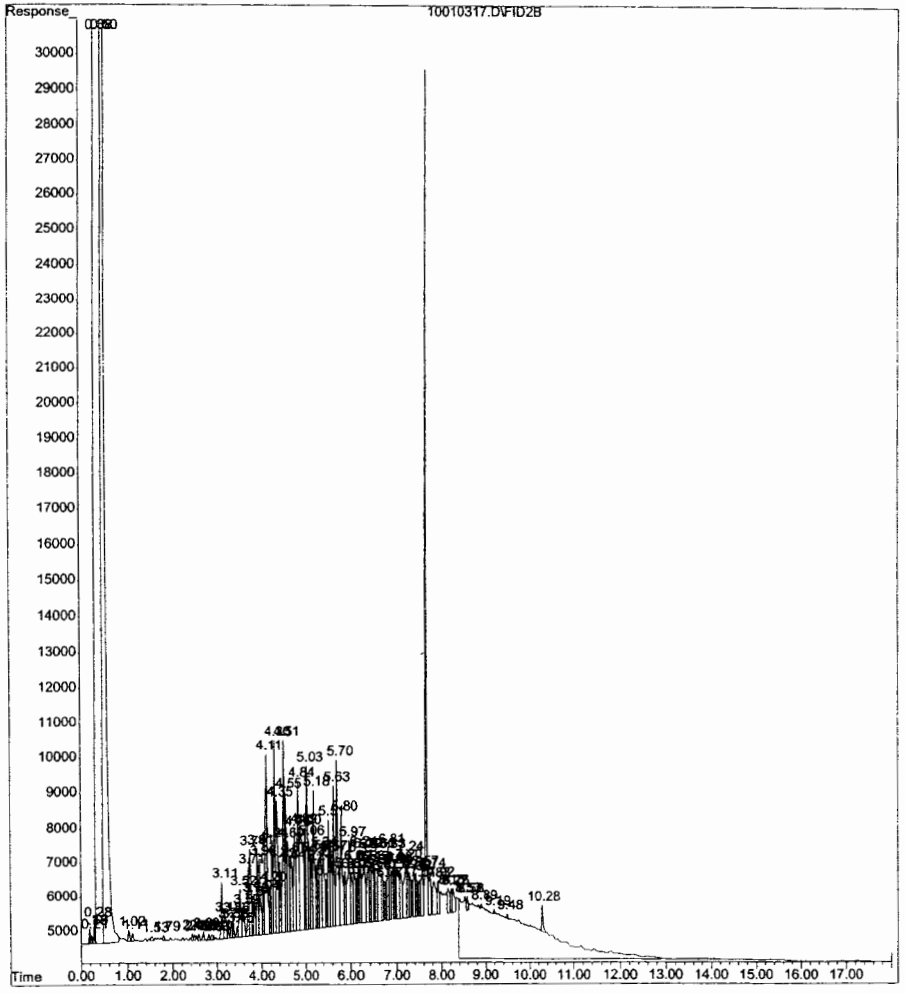
File : C:\HPCHEM\2\DATA\100103F\10010314.D
Operator : VP
Acquired : 1 Oct 2003 15:16 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309146-04
Misc Info : 10G/10ML 9/30
Vial Number: 14



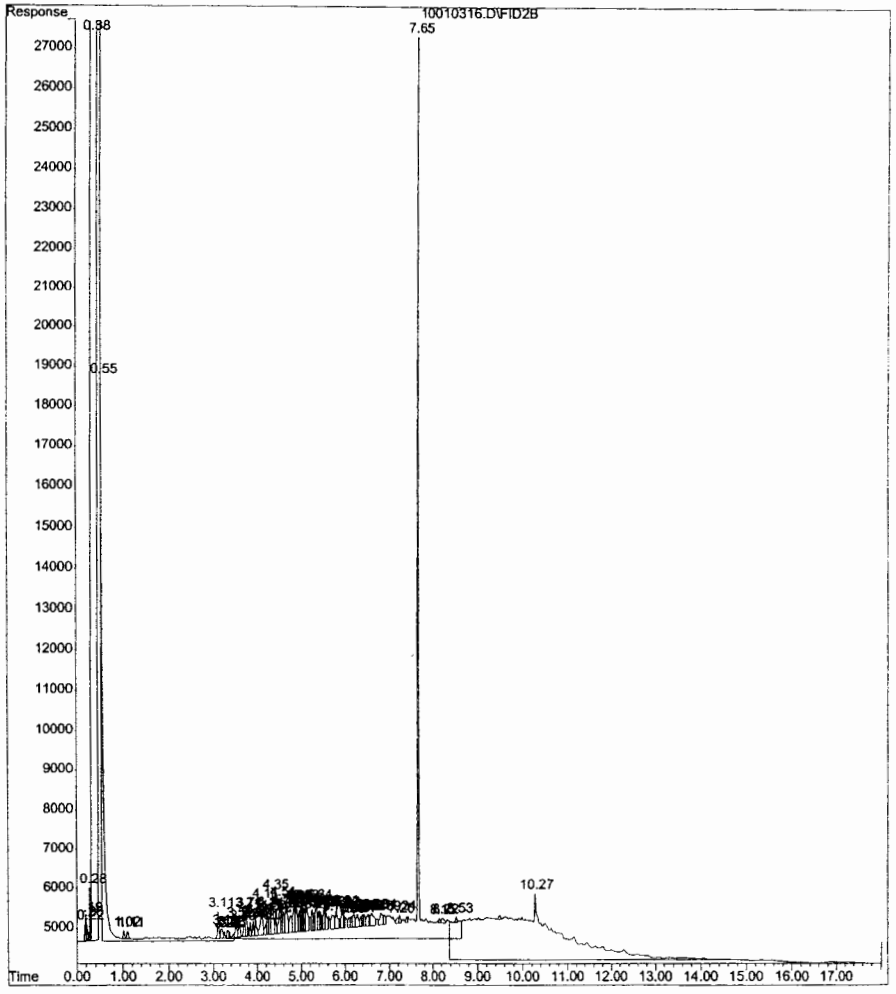
File : C:\HPCHEM\2\DATA\100103F\10010313.D
Operator : VP
Acquired : 1 Oct 2003 14:47 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309146-03
Misc Info : 10G/10ML 9/30
Vial Number: 13



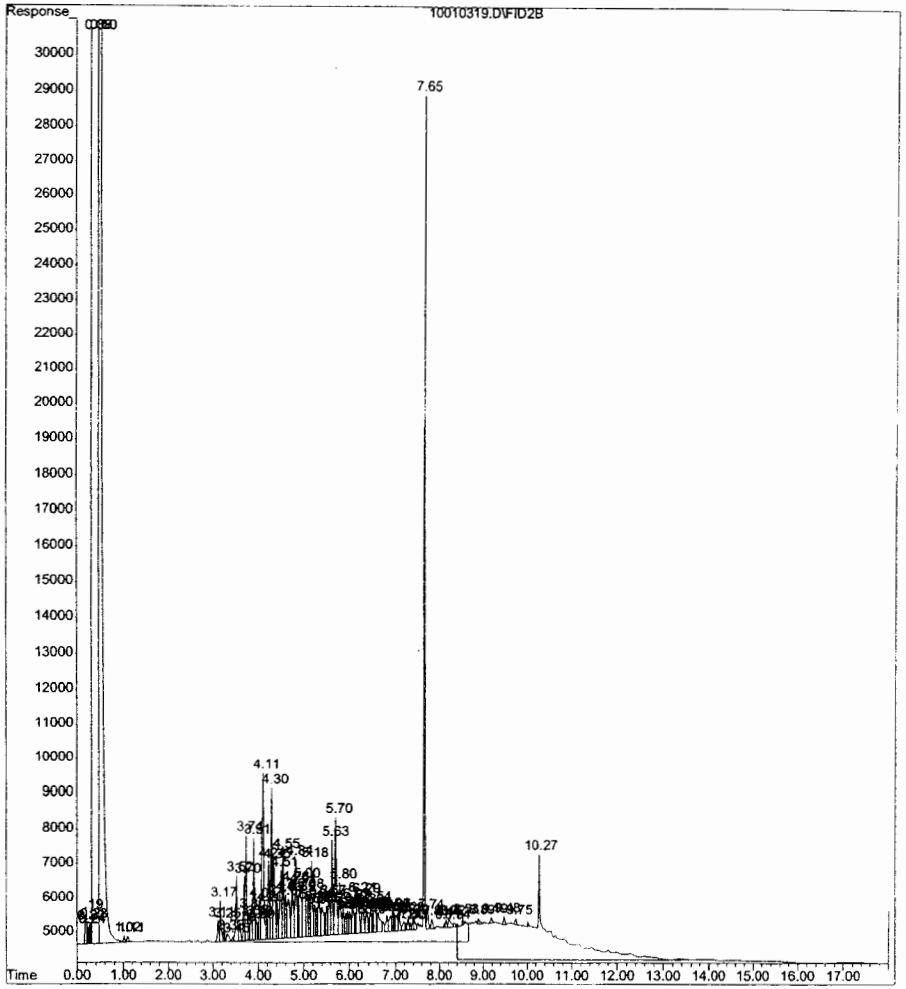
File : C:\HPCHEM\2\DATA\100103F\10010317.D
Operator : VP
Acquired : 1 Oct 2003 16:39 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309146-06
Misc Info : 10G/10ML 9/30
Vial Number: 17



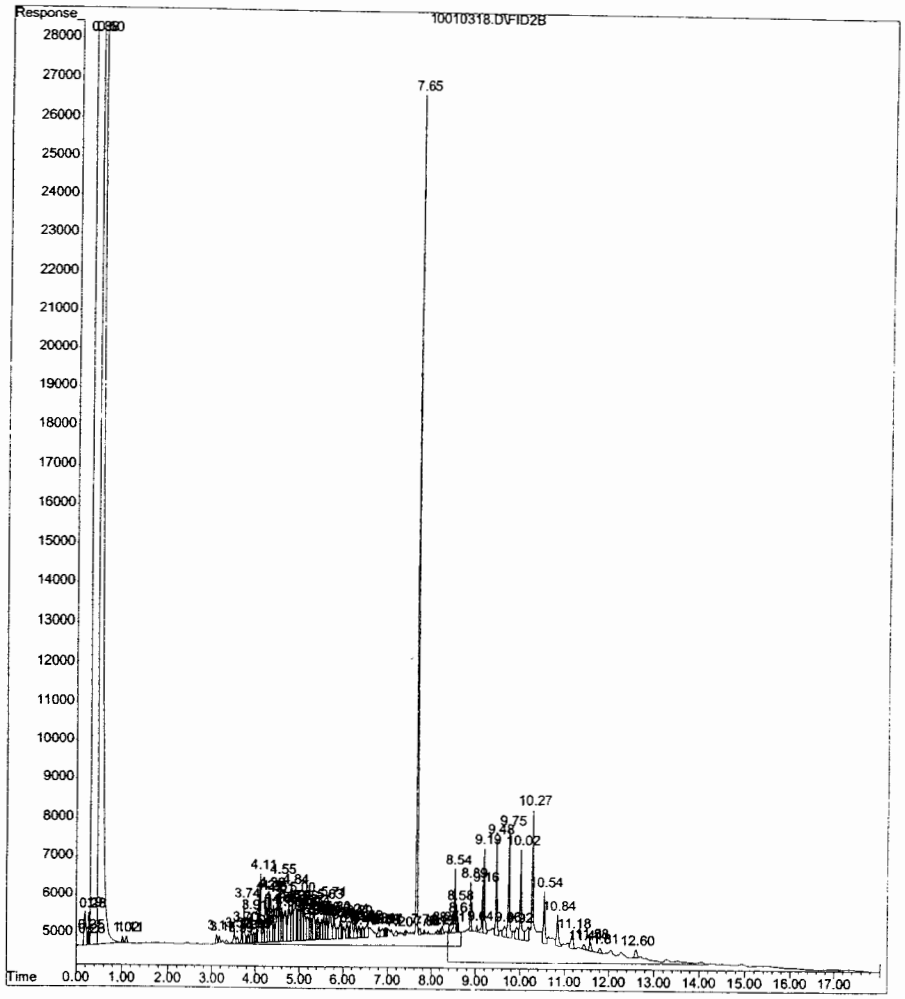
File : C:\HPCHEM\2\DATA\100103F\10010316.D
Operator : VP
Acquired : 1 Oct 2003 16:12 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309146-05
Misc Info : 10G/10ML 9/30
Vial Number: 16



File : C:\HPCHEM\2\DATA\100103F\10010319.D
Operator : VP
Acquired : 1 Oct 2003 17:36 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309146-08
Misc Info : 10G/10ML 9/30
Vial Number: 19



File : C:\HPCHEM\2\DATA\100103F\10010318.D
Operator : VP
Acquired : 1 Oct 2003 17:08 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309146-07
Misc Info : 10G/10ML 9/30
Vial Number: 18



Pinnacle Lab ID number **309117**
October 03, 2003

BHATE ENVIRONMENTAL ASSOCIATES
1641 VANDER GRIFT RD. BLDG. 1266
HOLLOMAN AFB, NM 88330

Project Name SS-17
Project Number 9030167.01.02

Attention: JERRY PELFREY

On 09/24/03 Pinnacle Laboratories Inc., (ADHS Lincense No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

EPA method 8260 and 8015 analyses were performed by Pinnacle Laboratories, Inc. Albuquerque, NM.

All remaining analyses were performed by Environmental Services Laboratory, Inc. Portland, OR.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	PINNACLE ID	: 309117
PROJECT #	: 9030167.01.02	DATE RECEIVED	: 09/24/03
PROJECT NAME	: SS-17	REPORT DATE	: 10/03/03

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
309117 - 01	LFA-2	NON-AQ	09/22/03
309117 - 02	LFA-6	NON-AQ	09/22/03
309117 - 03	LFA-11	NON-AQ	09/22/03
309117 - 04	LFA-13	NON-AQ	09/22/03

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309117
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/24/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309117-01	LFA-2	SOIL	09/22/03	09/24/03	09/25/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309117
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/24/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309117-01	LFA-2	SOIL	09/22/03	09/24/03	09/25/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	92
	(70 - 121)
Toluene-d8	98
	(84 - 138)
Bromofluorobenzene	98
	(59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309117
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/24/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309117-02	LFA-6	SOIL	09/22/03	09/24/03	09/25/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309117
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/24/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTEO	DATE ANALYZED	DIL. FACTOR
309117-02	LFA-6	SOIL	09/22/03	09/24/03	09/25/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.38**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**0.08**	**MG/KG**
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	96 (70 - 121)
Toluene-d8	104 (84 - 138)
Bromofluorobenzene	104 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309117
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/24/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309117-03	LFA-11	SOIL	09/22/03	09/24/03	09/25/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acroiein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309117
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/24/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309117-03	LFA-11	SOIL	09/22/03	09/24/03	09/25/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	96	(70 - 121)
Toluene-d8	102	(84 - 138)
Bromofluorobenzene	102	(59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309117
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/24/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309117-04	LFA-13	SOIL	09/22/03	09/24/03	09/25/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309117
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/24/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309117-04	LFA-13	SOIL	09/22/03	09/24/03	09/25/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	95 (70 - 121)
Toluene-d8	104 (84 - 138)
Bromofluorobenzene	104 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309117
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES		
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	092403	SOIL	09/24/03	09/25/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309117
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES		
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	092403	SOIL	09/24/03	09/25/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	101 (70 - 121)
Toluene-d8	105 (84 - 138)
Bromofluorobenzene	105 (59 - 113)

LABORATORY CONTROL SPIKE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309117
BATCH	: 092403	DATE ANALYZED	: 09/25/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	UNITS	: mg/kg (PPM)
PROJECT #	: 9030167.01.02	MATRIX	: SOIL
PROJECT NAME	: SS-17	INSTRUMENT	: GCMS2
		ANALYST	: DSR

COMPOUND	SPIKE ADDED	LCS RESULT	LCS % RECOVERY	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	2.50	2.46	98	59-172
BENZENE	2.50	2.44	98	66-142
TRICHLOROETHENE	2.50	2.45	98	62-137
TOLUENE	2.50	2.50	100	59-139
CHLOROBENZENE	2.50	2.43	97	60-133

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309117
SPIKED SAMPLE	: 309117-01	DATE ANALYZED	: 09/25/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	UNITS	: mg/kg (PPM)
PROJECT #	: 9030167.01.02	MATRIX	: SOIL
PROJECT NAME	: SS-17	INSTRUMENT	: GCMS2
		ANALYST	: DSR

COMPOUND	SAMPLE CONC.	SPIKE ADDED	MS RESULT	MSD RESULT	MS %REC	MSD %REC	RPD	QC LIMITS RPD	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	<0.05	2.50	2.25	2.32	90	93	3	22	59-172
BENZENE	<0.05	2.50	2.31	2.36	92	94	2	21	66-142
TRICHLOROETHENE	<0.05	2.50	2.30	2.38	92	95	3	24	62-137
TOLUENE	<0.05	2.50	2.34	2.40	94	96	3	21	59-139
CHLOROBENZENE	<0.05	2.50	2.31	2.39	92	96	3	21	60-133

GAS CHROMATOGRAPHY RESULTS

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)		
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	PINNACLE I.D.	: 309117
PROJECT #	: 9030167.01.02	ANALYST	: VP
PROJECT NAME	: SS-17		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	LFA-2	NON-AQ	09/22/03	09/24/03	09/25/03	1
02	LFA-6	NON-AQ	09/22/03	09/24/03	09/25/03	1
03	LFA-11	NON-AQ	09/22/03	09/24/03	09/25/03	1

PARAMETER	DET. LIMIT	UNITS	LFA-2	LFA-6	LFA-11
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C10-C22	**10**	**MG/KG**	< 10	**14**	< 10
FUEL HYDROCARBONS, C22-C36	**10**	**MG/KG**	< 10	**59**	**27**
CALCULATED SUM:				**73**	**27**
SURROGATE:					
O-TERPHENYL (%)			90	113	97
SURROGATE LIMITS	(70-130)				

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : BHATE ENVIRONMENTAL ASSOCIATES
PROJECT # : 9030167.01.02
PROJECT NAME : SS-17

PINNACLE I.D. : 309117
ANALYST : VP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	LFA-13	NON-AQ	09/22/03	09/24/03	09/25/03	1

PARAMETER	DET. LIMIT	UNITS	LFA-13
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10
FUEL HYDROCARBONS, C10-C22	10	MG/KG	< 10
FUEL HYDROCARBONS, C22-C36	**10**	**MG/KG**	**39**
CALCULATED SUM:			**39**

SURROGATE:		
O-TERPHENYL (%)		96
SURROGATE LIMITS	(70-130)	

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
BLANK I.D. : 092403
CLIENT : BHATE ENVIRONMENTAL ASSOCIATES
PROJECT # : 9030167.01.02
PROJECT NAME : SS-17

PINNACLE I.D. : 309117
DATE EXTRACTED : 09/24/03
DATE ANALYZED : 09/25/03
SAMPLE MATRIX : NON-AQ
ANALYST : VP

PARAMETER	UNITS	
FUEL HYDROCARBONS, C6-C10	MG/KG	< 10
FUEL HYDROCARBONS, C10-C22	MG/KG	< 10
FUEL HYDROCARBONS, C22-C36	MG/KG	< 10

SURROGATE:		
O-TERPHENYL (%)		98
SURROGATE LIMITS	(70-130)	

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309117
LCS/LCSD #	: 092403	DATE EXTRACTED	: 09/24/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE ANALYZED	: 09/25/03
PROJECT #	: 9030167.01.02	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: SS-17	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	182	91	193	97	6	(70-130)	20

CHEMIST NOTES:
N/A

$$\frac{\text{(Spike Sample Result - Sample Result)}}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{\text{(Sample Result - Duplicate Result)}}{\text{Average Result}} \times 100$$

GAS CHROMATOGRAPHY QUALITY CONTROL
MSMSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309117
MSMSD #	: 309117-01	DATE EXTRACTED	: 09/24/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE ANALYZED	: 09/25/03
PROJECT #	: 9030167.01.02	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: SS-17	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	163	82	167	84	2	(70-130)	20

CHEMIST NOTES:
N/A

$$\frac{\text{(Spike Sample Result - Sample Result)}}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{\text{(Sample Result - Duplicate Result)}}{\text{Average Result}} \times 100$$

Environmental Services Laboratory, Inc.

E S L

17400 SW Upper Boones Ferry Road, Suite 270 • Portland, OR 97224 • (503) 670-8520

September 29, 2003

Jacinta A. Tenorio
Pinnacle Laboratories
2709-D Pan American Fwy NE
Albuquerque, NM 87107

TEL: 505 344-3777
FAX (505) 344-4413

RE: 309117/BEA

Order No.: 0309243

Dear Jacinta A. Tenorio:

Environmental Services Laboratory received 4 samples on 9/25/03 for the analyses presented in the following report.

There were no analytical problems encountered and all analytical data met requirements established under NELAC protocol or laboratory specifications except where noted in a Case Narrative. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety, without the written approval of the laboratory. The following checked data sections are included in this report.

✓ Base Sample Report ✓ Method Blank Report ✓ Sample Duplicate Report ✓ Matrix Spike/Matrix Spike Duplicate Report ✓ Laboratory Control Spike/Spike Duplicate Report ✓ Continuing Calibration Verification Report __ Initial Calibration Verification Report

If you have any questions regarding these tests results, please feel free to call.

Project Manager

Keith Hunter
Technical Review

ANALYTICAL SERVICES FOR THE ENVIRONMENT

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-2/309117-01
Lab Order:	0309243	**Tag Number:**	
Project:	309117/BEA	**Collection Date:**	9/22/03
Lab ID:	0309243-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/25/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/25/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/25/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/25/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/25/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/25/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/25/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/25/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/25/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/25/03
Acetophenone	ND	0.13		mg/Kg	1	9/25/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/25/03
Aniline	ND	0.067		mg/Kg	1	9/25/03
Anthracene	ND	0.067		mg/Kg	1	9/25/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-2/309117-01
Lab Order:	0309243	**Tag Number:**	
Project:	309117/BEA	**Collection Date:**	9/22/03
Lab ID:	0309243-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/25/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/25/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Carbazole	ND	0.13		mg/Kg	1	9/25/03
Chrysene	ND	0.067		mg/Kg	1	9/25/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/25/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/25/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
Fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Fluorene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/25/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/25/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/25/03
Isophorone	ND	0.067		mg/Kg	1	9/25/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
N-Decane	ND	0.067		mg/Kg	1	9/25/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/25/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/25/03
N-Octadecane	ND	0.067		mg/Kg	1	9/25/03
Naphthalene	ND	0.067		mg/Kg	1	9/25/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/25/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/25/03
Phenacetin	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-2/309117-01
Lab Order:	0309243	**Tag Number:**	
Project:	309117/BEA	**Collection Date:**	9/22/03
Lab ID:	0309243-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/25/03
Phenol	ND	0.067		mg/Kg	1	9/25/03
Pyrene	ND	0.067		mg/Kg	1	9/25/03
Pyridine	ND	0.067		mg/Kg	1	9/25/03
Surr: 2,4,6-Tribromophenol	80.8	19-122		%REC	1	9/25/03
Surr: 2-Fluorobiphenyl	67.1	30-115		%REC	1	9/25/03
Surr: 2-Fluorophenol	72.5	25-121		%REC	1	9/25/03
Surr: 4-Terphenyl-d14	75.1	18-137		%REC	1	9/25/03
Surr: Nitrobenzene-d5	58.6	23-120		%REC	1	9/25/03
Surr: Phenol-d5	71.8	24-113		%REC	1	9/25/03

Qualifiers:
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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-6/309117-02
Lab Order:	0309243	**Tag Number:**	
Project:	309117/BEA	**Collection Date:**	9/22/03
Lab ID:	0309243-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/25/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/25/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/25/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/25/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/25/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/25/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/25/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/25/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/25/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/25/03
Acetophenone	ND	0.13		mg/Kg	1	9/25/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/25/03
Aniline	ND	0.067		mg/Kg	1	9/25/03
Anthracene	ND	0.067		mg/Kg	1	9/25/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
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* - Value exceeds Maximum Contaminant Level
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R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT: Pinnacle Laboratories
Lab Order: 0309243
Project: 309117/BEA
Lab ID: 0309243-02A

Client Sample ID: LFA-6/309117-02
Tag Number:
Collection Date: 9/22/03
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/25/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/25/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Carbazole	ND	0.13		mg/Kg	1	9/25/03
Chrysene	ND	0.067		mg/Kg	1	9/25/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/25/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/25/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
Fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Fluorene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/25/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/25/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/25/03
Isophorone	ND	0.067		mg/Kg	1	9/25/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
N-Decane	ND	0.067		mg/Kg	1	9/25/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/25/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/25/03
N-Octadecane	ND	0.067		mg/Kg	1	9/25/03
Naphthalene	ND	0.067		mg/Kg	1	9/25/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/25/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/25/03
Phenacetin	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT: Pinnacle Laboratories
Lab Order: 0309243
Project: 309117/BEA
Lab ID: 0309243-02A

Client Sample ID: LFA-6/309117-02
Tag Number:
Collection Date: 9/22/03
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/25/03
Phenol	ND	0.067		mg/Kg	1	9/25/03
Pyrene	ND	0.067		mg/Kg	1	9/25/03
Pyridine	ND	0.067		mg/Kg	1	9/25/03
Surr: 2,4,6-Tribromophenol	81.0	19-122		%REC	1	9/25/03
Surr: 2-Fluorobiphenyl	69.1	30-115		%REC	1	9/25/03
Surr: 2-Fluorophenol	71.2	25-121		%REC	1	9/25/03
Surr: 4-Terphenyl-d14	72.9	18-137		%REC	1	9/25/03
Surr: Nitrobenzene-d5	60.2	23-120		%REC	1	9/25/03
Surr: Phenol-d5	71.0	24-113		%REC	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-11/309117-03
Lab Order:	0309243	**Tag Number:**	
Project:	309117/BEA	**Collection Date:**	9/22/03
Lab ID:	0309243-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/25/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/25/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/25/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/25/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/25/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/25/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/25/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/25/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/25/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/25/03
Acetophenone	ND	0.13		mg/Kg	1	9/25/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/25/03
Aniline	ND	0.067		mg/Kg	1	9/25/03
Anthracene	ND	0.067		mg/Kg	1	9/25/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-11/309117-03
Lab Order:	0309243	**Tag Number:**	
Project:	309117/BEA	**Collection Date:**	9/22/03
Lab ID:	0309243-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/25/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/25/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Carbazole	ND	0.13		mg/Kg	1	9/25/03
Chrysene	ND	0.067		mg/Kg	1	9/25/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/25/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/25/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
Fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Fluorene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/25/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/25/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/25/03
Isophorone	ND	0.067		mg/Kg	1	9/25/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
N-Decane	ND	0.067		mg/Kg	1	9/25/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/25/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/25/03
N-Octadecane	ND	0.067		mg/Kg	1	9/25/03
Naphthalene	ND	0.067		mg/Kg	1	9/25/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/25/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/25/03
Phenacetin	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-11/309117-03
Lab Order:	0309243	**Tag Number:**	
Project:	309117/BEA	**Collection Date:**	9/22/03
Lab ID:	0309243-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Phenanthrene	ND	0.067		mg/Kg	1	9/25/03
Phenol	ND	0.067		mg/Kg	1	9/25/03
Pyrene	ND	0.067		mg/Kg	1	9/25/03
Pyridine	ND	0.067		mg/Kg	1	9/25/03
Surr: 2,4,6-Tribromophenol	78.9	19-122		%REC	1	9/25/03
Surr: 2-Fluorobiphenyl	68.7	30-115		%REC	1	9/25/03
Surr: 2-Fluorophenol	72.0	25-121		%REC	1	9/25/03
Surr: 4-Terphenyl-d14	75.5	18-137		%REC	1	9/25/03
Surr: Nitrobenzene-d5	58.4	23-120		%REC	1	9/25/03
Surr: Phenol-d5	70.9	24-113		%REC	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-13/309117-04
Lab Order:	0309243	**Tag Number:**	
Project:	309117/BEA	**Collection Date:**	9/22/03
Lab ID:	0309243-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/25/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/25/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/25/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/25/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/25/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/25/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/25/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/25/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/25/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/25/03
Acetophenone	ND	0.13		mg/Kg	1	9/25/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/25/03
Aniline	ND	0.067		mg/Kg	1	9/25/03
Anthracene	ND	0.067		mg/Kg	1	9/25/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-13/309117-04
Lab Order:	0309243	**Tag Number:**	
Project:	309117/BEA	**Collection Date:**	9/22/03
Lab ID:	0309243-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/25/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/25/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Carbazole	ND	0.13		mg/Kg	1	9/25/03
Chrysene	ND	0.067		mg/Kg	1	9/25/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/25/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/25/03
Diethyl phthalate	0.16	0.067		mg/Kg	1	9/25/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
Fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Fluorene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/25/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/25/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/25/03
Isophorone	ND	0.067		mg/Kg	1	9/25/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
N-Decane	ND	0.067		mg/Kg	1	9/25/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/25/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/25/03
N-Octadecane	ND	0.067		mg/Kg	1	9/25/03
Naphthalene	ND	0.067		mg/Kg	1	9/25/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/25/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/25/03
Phenacetin	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-13/309117-04
Lab Order:	0309243	**Tag Number:**	
Project:	309117/BEA	**Collection Date:**	9/22/03
Lab ID:	0309243-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/25/03
Phenol	ND	0.067		mg/Kg	1	9/25/03
Pyrene	ND	0.067		mg/Kg	1	9/25/03
Pyridine	ND	0.067		mg/Kg	1	9/25/03
Surr: 2,4,6-Tribromophenol	80.2	19-122		%REC	1	9/25/03
Surr: 2-Fluorobiphenyl	70.3	30-115		%REC	1	9/25/03
Surr: 2-Fluorophenol	71.9	25-121		%REC	1	9/25/03
Surr: 4-Terphenyl-d14	71.3	18-137		%REC	1	9/25/03
Surr: Nitrobenzene-d5	58.8	23-120		%REC	1	9/25/03
Surr: Phenol-d5	71.9	24-113		%REC	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

CLIENT: Pinnacle Laboratories
Work Order: 0309243
Project: 309117/BEA

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **MB-6243** SampType: **MBLK** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/23/03** Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ** Batch ID: **6243** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/23/03** SeqNo: **181508**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4,5-Tetrachlorobenzene	ND	0.067									
1,2,4-Trichlorobenzene	ND	0.067									
1,2-Dichlorobenzene	ND	0.067									
1,2-Diphenylhydrazine	ND	0.067									
1,3-Dichlorobenzene	ND	0.067									
1,4-Dichlorobenzene	ND	0.067									
2,3,4,6-Tetrachlorophenol	ND	0.067									
2,4,5-Trichlorophenol	ND	0.067									
2,4,6-Trichlorophenol	ND	0.067									
2,4-Dichlorophenol	ND	0.067									
2,4-Dimethylphenol	ND	0.067									
2,4-Dinitrophenol	ND	0.67									
2,4-Dinitrotoluene	ND	0.067									
2,6-Dichlorophenol	ND	0.067									
2,6-Dinitrotoluene	ND	0.067									
2-Chloronaphthalene	ND	0.067									
2-Chlorophenol	ND	0.067									
2-Methylnaphthalene	ND	0.067									
2-Methylphenol	ND	0.067									
2-Nitroaniline	ND	0.067									
2-Nitrophenol	ND	0.067									
3&4-Methylphenol	ND	0.13									
3-Methylcholanthrene	ND	0.067									
3-Nitroaniline	ND	0.067									
4,6-Dinitro-2-methylphenol	ND	0.20									
4-Aminobiphenyl	ND	0.10									
4-Bromophenyl phenyl ether	ND	0.067									
4-Chloro-3-methylphenol	ND	0.067									
4-Chlorophenyl phenyl ether	ND	0.067									
4-Nitroaniline	ND	0.067									

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309243
Project: 309117/BEA

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **MB-6243** SampType: **MBLK** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/23/03** Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ** Batch ID: **6243** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/23/03** SeqNo: **181508**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	ND	0.067									
7,12-Dimethylbenz(a)anthracene	ND	0.067									
Acenaphthene	ND	0.067									
Acenaphthylene	ND	0.067									
Acetophenone	ND	0.13									
alpha-Terpinol	ND	0.30									
Aniline	ND	0.067									
Anthracene	ND	0.067									
Benz(a)anthracene	ND	0.067									
Benzo(a)pyrene	ND	0.067									
Benzo(b)fluoranthene	ND	0.067									
Benzo(g,h,i)perylene	ND	0.067									
Benzo(k)fluoranthene	ND	0.067									
Benzyl alcohol	ND	0.067									
Bis(2-chloroethoxy)methane	ND	0.067									
Bis(2-chloroethyl)ether	ND	0.067									
Bis(2-chloroisopropyl)ether	ND	0.067									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Butyl benzyl phthalate	ND	0.067									
Carbazole	ND	0.13									
Chrysene	ND	0.067									
Di-n-butyl phthalate	ND	0.067									
Di-n-octyl phthalate	ND	0.067									
Dibenz(a,h)anthracene	ND	0.067									
Dibenzofuran	ND	0.067									
Diethyl phthalate	ND	0.067									
Dimethyl phthalate	ND	0.067									
Ethyl methanesulfonate	ND	0.067									
Fluoranthene	ND	0.067									
Fluorene	ND	0.067									
Hexachlorobenzene	ND	0.067									

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309243
Project: 309117/BEA

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **MB-6243** SampType: **MBLK** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/23/03** Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ** Batch ID: **6243** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/23/03** SeqNo: **181508**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	0.067									
Hexachlorocyclopentadiene	ND	0.20									
Hexachloroethane	ND	0.067									
Indeno(1,2,3-cd)pyrene	ND	0.067									
Isophorone	ND	0.067									
Methyl methanesulfonate	ND	0.067									
N-Decane	ND	0.067									
N-Nitroso-di-n-butylamine	ND	0.13									
N-Nitrosodi-n-propylamine	ND	0.067									
N-Nitrosodiphenylamine	ND	0.067									
N-Nitrosopiperidine	ND	0.067									
N-Octadecane	ND	0.067									
Naphthalene	ND	0.067									
Nitrobenzene	ND	0.067									
p-Aminoazobenzene	ND	0.067									
Pentachlorobenzene	ND	0.067									
Pentachloronitrobenzene	ND	0.067									
Pentachlorophenol	ND	0.10									
Phenacetin	ND	0.067									
Phenanthrene	ND	0.067									
Phenol	ND	0.067									
Pyrene	ND	0.067									
Pyridine	ND	0.067									
Surr: 2,4,6-Tribromophenol	2.22	0	3.33	0	66.7	19	122	0	0		
Surr: 2-Fluorobiphenyl	1.01	0	1.66	0	60.8	30	115	0	0		
Surr: 2-Fluorophenol	2.11	0	3.33	0	63.3	25	121	0	0		
Surr: 4-Terphenyl-d14	1.05	0	1.66	0	63.1	18	137	0	0		
Surr: Nitrobenzene-d5	0.833	0	1.66	0	50.2	23	120	0	0		
Surr: Phenol-d5	2.17	0	3.33	0	65.2	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309243
Project: 309117/BEA

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **LCS-6243** SampType: **LCS** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/23/03** Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ** Batch ID: **6243** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/23/03** SeqNo: **181509**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.1	0.067	1.66	0	66.1	44	142	0	0		
1,4-Dichlorobenzene	1.2	0.067	1.66	0	72.1	20	124	0	0		
2,4-Dinitrotoluene	1.2	0.067	1.66	0	72.1	39	139	0	0		
2-Chlorophenol	2.54	0.067	3.33	0	76.3	23	134	0	0		
4-Chloro-3-methylphenol	2.51	0.067	3.33	0	75.4	22	147	0	0		
4-Nitrophenol	2.21	0.067	3.33	0	66.3	1	132	0	0		
Acenaphthene	1.32	0.067	1.66	0	79.5	47	145	0	0		
N-Nitrosodi-n-propylamine	1.17	0.067	1.66	0	70.7	1	230	0	0		
Pentachlorophenol	1.95	0.10	3.33	0	58.5	14	176	0	0		
Phenol	2.26	0.067	3.33	0	68	5	112	0	0		
Pyrene	1.16	0.067	1.66	0	70.1	52	115	0	0		
Surr: 2,4,6-Tribromophenol	2.38	0	3.33	0	71.6	19	122	0	0		
Surr: 2-Fluorobiphenyl	1.06	0	1.66	0	64.1	30	115	0	0		
Surr: 2-Fluorophenol	2.1	0	3.33	0	63.1	25	121	0	0		
Surr: 4-Terphenyl-d14	1	0	1.66	0	60.2	18	137	0	0		
Surr: Nitrobenzene-d5	0.857	0	1.66	0	51.6	23	120	0	0		
Surr: Phenol-d5	2.14	0	3.33	0	64.3	24	113	0	0		

Sample ID: **LCSD-6243** SampType: **LCSD** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/23/03** Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ** Batch ID: **6243** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/23/03** SeqNo: **181510**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.08	0.067	1.66	0	65.1	44	142	1.1	1.53	20	
1,4-Dichlorobenzene	1.16	0.067	1.66	0	70.1	20	124	1.2	2.82	20	
2,4-Dinitrotoluene	1.18	0.067	1.66	0	70.9	39	139	1.2	1.69	20	
2-Chlorophenol	2.5	0.067	3.33	0	75	23	134	2.54	1.72	20	
4-Chloro-3-methylphenol	2.48	0.067	3.33	0	74.4	22	147	2.51	1.34	20	
4-Nitrophenol	2.09	0.067	3.33	0	62.9	1	132	2.21	5.27	20	
Acenaphthene	1.33	0.067	1.66	0	79.9	47	145	1.32	0.504	20	
N-Nitrosodi-n-propylamine	1.22	0.067	1.66	0	73.3	1	230	1.17	3.63	20	
Pentachlorophenol	2.07	0.10	3.33	0	62.3	14	176	1.95	6.30	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309243
Project: 309117/BEA

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: LCSD-6243 SampType: LCSD TestCode: 06 8270 S Units: mg/Kg Prep Date: 9/23/03 Run ID: MANFREDD_030923B
Client ID: ZZZZZ Batch ID: 6243 TestNo: EPA 8270C (3550B) Analysis Date: 9/23/03 SeqNo: 181510

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	2.2	0.067	3.33	0	66.1	5	112	2.26	2.84	20	
Pyrene	1.3	0.067	1.66	0	78.3	52	115	1.16	11.1	20	
Surr: 2,4,6-Tribromophenol	2.51	0	3.33	0	75.3	19	122	0	0	0	
Surr: 2-Fluorobiphenyl	1.08	0	1.66	0	65.3	30	115	0	0	0	
Surr: 2-Fluorophenol	2.11	0	3.33	0	63.4	25	121	0	0	0	
Surr: 4-Terphenyl-d14	1.12	0	1.66	0	67.7	18	137	0	0	0	
Surr: Nitrobenzene-d5	0.88	0	1.66	0	53	23	120	0	0	0	
Surr: Phenol-d5	2.17	0	3.33	0	65.3	24	113	0	0	0	

Sample ID: 0309194-02A MS SampType: MS TestCode: 06 8270 S Units: mg/Kg Prep Date: 9/23/03 Run ID: MANFREDD_030923B
Client ID: ZZZZZ Batch ID: 6243 TestNo: EPA 8270C (3550B) Analysis Date: 9/23/03 SeqNo: 181514

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	0.98	0.067	1.66	0	59	44	142	0	0		
1,4-Dichlorobenzene	1.17	0.067	1.66	0	70.5	20	124	0	0		
2,4-Dinitrotoluene	0.833	0.067	1.66	0	50.2	39	139	0	0		
2-Chlorophenol	1.94	0.067	3.33	0	58.2	23	134	0	0		
4-Chloro-3-methylphenol	0.92	0.067	3.33	0	27.6	22	147	0	0		
4-Nitrophenol	ND	0.067	3.33	0	0	1	132	0	0		S, MI
Acenaphthene	1.12	0.067	1.66	0	67.5	47	145	0	0		
N-Nitrosodi-n-propylamine	0.68	0.067	1.66	0	41	1	230	0	0		
Pentachlorophenol	0.767	0.10	3.33	0	23	14	176	0	0		
Phenol	0.717	0.067	3.33	0	21.5	5	112	0	0		
Pyrene	1.12	0.067	1.66	0.086	62.1	52	115	0	0		
Surr: 2,4,6-Tribromophenol	1.83	0	3.33	0	55	19	122	0	0		
Surr: 2-Fluorobiphenyl	0.89	0	1.66	0	53.6	30	115	0	0		
Surr: 2-Fluorophenol	1.26	0	3.33	0	37.7	25	121	0	0		
Surr: 4-Terphenyl-d14	0.92	0	1.66	0	55.4	18	137	0	0		
Surr: Nitrobenzene-d5	0.72	0	1.66	0	43.4	23	120	0	0		
Surr: Phenol-d5	0.833	0	3.33	0	25	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309243
Project: 309117/BEA

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: 0309194-01A DUP SampType: DUP TestCode: 06 8270 S Units: mg/Kg Prep Date: 9/23/03 Run ID: MANFREDD_030923B
Client ID: ZZZZZ Batch ID: 6243 TestNo: EPA 8270C (3550B) Analysis Date: 9/23/03 SeqNo: 181512

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4,5-Tetrachlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,2,4-Trichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,2-Dichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,2-Diphenylhydrazine	ND	0.067	0	0	0	0	0	0	0	20	
1,3-Dichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,4-Dichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
2,3,4,6-Tetrachlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4,5-Trichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4,6-Trichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4-Dichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4-Dimethylphenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4-Dinitrophenol	ND	0.67	0	0	0	0	0	0	0	20	
2,4-Dinitrotoluene	ND	0.067	0	0	0	0	0	0	0	20	
2,6-Dichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,6-Dinitrotoluene	ND	0.067	0	0	0	0	0	0	0	20	
2-Chloronaphthalene	ND	0.067	0	0	0	0	0	0	0	20	
2-Chlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2-Methylnaphthalene	ND	0.067	0	0	0	0	0	0	0	20	
2-Methylphenol	ND	0.067	0	0	0	0	0	0	0	20	
2-Nitroaniline	ND	0.067	0	0	0	0	0	0	0	20	
2-Nitrophenol	ND	0.067	0	0	0	0	0	0	0	20	
3&4-Methylphenol	ND	0.13	0	0	0	0	0	0	0	20	
3-Methylcholanthrene	ND	0.067	0	0	0	0	0	0	0	0	
3-Nitroaniline	ND	0.067	0	0	0	0	0	0	0	20	
4,6-Dinitro-2-methylphenol	ND	0.20	0	0	0	0	0	0	0	20	
4-Aminobiphenyl	ND	0.10	0	0	0	0	0	0	0	20	
4-Bromophenyl phenyl ether	ND	0.067	0	0	0	0	0	0	0	20	
4-Chloro-3-methylphenol	ND	0.067	0	0	0	0	0	0	0	20	
4-Chlorophenyl phenyl ether	ND	0.067	0	0	0	0	0	0	0	20	
4-Nitroaniline	ND	0.067	0	0	0	0	0	0	0	20	
4-Nitrophenol	ND	0.067	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309243
Project: 309117/BEA

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: 0309194-01A DUP	SampType: DUP	TestCode: 06 8270 S	Units: mg/Kg	Prep Date: 9/23/03	Run ID: MANFREDD_030923B
Client ID: ZZZZZ	Batch ID: 6243	TestNo: EPA 8270C	(3550B)	Analysis Date: 9/23/03	SeqNo: 181512

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
7,12-Dimethylbenz(a)anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Acenaphthene	ND	0.067	0	0	0	0	0	0	0	20	
Acenaphthylene	ND	0.067	0	0	0	0	0	0	0	20	
Acetophenone	ND	0.13	0	0	0	0	0	0	0	20	
alpha-Terpinol	ND	0.30	0	0	0	0	0	0	0	0	
Aniline	ND	0.067	0	0	0	0	0	0	0	20	
Anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Benz(a)anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(a)pyrene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(b)fluoranthene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(g,h,i)perylene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(k)fluoranthene	ND	0.067	0	0	0	0	0	0	0	20	
Benzyl alcohol	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-chloroethoxy)methane	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-chloroethyl)ether	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-chloroisopropyl)ether	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-ethylhexyl)phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Butyl benzyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Carbazole	ND	0.13	0	0	0	0	0	0	0	20	
Chrysene	ND	0.067	0	0	0	0	0	0	0	20	
Di-n-butyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Di-n-octyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Dibenz(a,h)anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Dibenzofuran	ND	0.067	0	0	0	0	0	0	0	20	
Diethyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Dimethyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Ethyl methanesulfonate	ND	0.067	0	0	0	0	0	0	0	20	
Fluoranthene	ND	0.067	0	0	0	0	0	0	0	20	
Fluorene	ND	0.067	0	0	0	0	0	0	0	20	
Hexachlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Hexachlorobutadiene	ND	0.067	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309243
Project: 309117/BEA

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: 0309194-01A DUP	SampType: DUP	TestCode: 06 8270 S	Units: mg/Kg	Prep Date: 9/23/03	Run ID: MANFREDD_030923B
Client ID: ZZZZZ	Batch ID: 6243	TestNo: EPA 8270C	(3550B)	Analysis Date: 9/23/03	SeqNo: 181512

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorocyclopentadiene	ND	0.20	0	0	0	0	0	0	0	20	
Hexachloroethane	ND	0.067	0	0	0	0	0	0	0	20	
Indeno(1,2,3-cd)pyrene	ND	0.067	0	0	0	0	0	0	0	20	
Isophorone	ND	0.067	0	0	0	0	0	0	0	20	
Methyl methanesulfonate	ND	0.067	0	0	0	0	0	0	0	20	
N-Decane	ND	0.067	0	0	0	0	0	0	0	20	
N-Nitroso-di-n-butylamine	ND	0.13	0	0	0	0	0	0	0	20	
N-Nitrosodi-n-propylamine	ND	0.067	0	0	0	0	0	0	0	20	
N-Nitrosodiphenylamine	ND	0.067	0	0	0	0	0	0	0	20	
N-Nitrosopiperidine	ND	0.067	0	0	0	0	0	0	0	20	
N-Octadecane	ND	0.067	0	0	0	0	0	0	0	20	
Naphthalene	ND	0.067	0	0	0	0	0	0	0	20	
Nitrobenzene	ND	0.067	0	0	0	0	0	0	0	20	
p-Aminoazobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Pentachlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Pentachloronitrobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Pentachlorophenol	ND	0.10	0	0	0	0	0	0	0	20	
Phenacetin	ND	0.067	0	0	0	0	0	0	0	20	
Phenanthrene	ND	0.067	0	0	0	0	0	0	0	20	
Phenol	ND	0.067	0	0	0	0	0	0	0	20	
Pyrene	ND	0.067	0	0	0	0	0	0	0	20	
Pyridine	ND	0.067	0	0	0	0	0	0	0	20	
Surr: 2,4,6-Tribromophenol	1.75	0	3.33	0	52.6	19	122	0	0		
Surr: 2-Fluorobiphenyl	0.803	0	1.66	0	48.4	30	115	0	0		
Surr: 2-Fluorophenol	1.72	0	3.33	0	51.8	25	121	0	0		
Surr: 4-Terphenyl-d14	0.937	0	1.66	0	56.4	18	137	0	0		
Surr: Nitrobenzene-d5	0.66	0	1.66	0	39.8	23	120	0	0		
Surr: Phenol-d5	1.58	0	3.33	0	47.4	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309243
Project: 309117/BEA

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **CCV** SampType: **CCV** TestCode: **06 8270 S** Units: **mg/L** Prep Date: Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ** Batch ID: **R15005** TestNo: **EPA 8270C** Analysis Date: **9/23/03** SeqNo: **181507**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	48.4	0.067	50	0	96.8	80	120	0	0		
2,4,6-Trichlorophenol	48.3	0.067	50	0	96.6	80	120	0	0		
2,4-Dichlorophenol	49.6	0.067	50	0	99.2	80	120	0	0		
2-Nitrophenol	47.8	0.067	50	0	95.6	80	120	0	0		
4-Chloro-3-methylphenol	50.8	0.067	50	0	102	80	120	0	0		
Acenaphthene	46.7	0.067	50	0	93.4	80	120	0	0		
Benzo(a)pyrene	50.5	0.067	50	0	101	80	120	0	0		
Di-n-octyl phthalate	40.3	0.067	50	0	80.6	80	120	0	0		
Fluoranthene	44.6	0.067	50	0	89.2	80	120	0	0		
Hexachlorobutadiene	47.9	0.067	50	0	95.8	80	120	0	0		
N-Nitrosodiphenylamine	93.8	0.067	100	0	93.8	80	120	0	0		
Pentachlorophenol	43.4	0.10	50	0	86.8	80	120	0	0		
Phenol	40.6	0.067	50	0	81.2	80	120	0	0		
Surr: 2,4,6-Tribromophenol	49.6	0	50	0	99.2	80	120	0	0		
Surr: 2-Fluorobiphenyl	45.3	0	50	0	90.6	80	120	0	0		
Surr: 2-Fluorophenol	49	0	50	0	98	80	120	0	0		
Surr: 4-Terphenyl-d14	40	0	50	0	80	80	120	0	0		
Surr: Nitrobenzene-d5	46.9	0	50	0	93.8	80	120	0	0		
Surr: Phenol-d5	46.6	0	50	0	93.2	80	120	0	0		

Sample ID: **CCV** SampType: **CCV** TestCode: **06 8270 S** Units: **mg/L** Prep Date: Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ** Batch ID: **R15005** TestNo: **EPA 8270C** Analysis Date: **9/25/03** SeqNo: **181515**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	48.9	0.067	50	0	97.8	80	120	0	0		
2,4,6-Trichlorophenol	48.2	0.067	50	0	96.4	80	120	0	0		
2,4-Dichlorophenol	52.2	0.067	50	0	104	80	120	0	0		
2-Nitrophenol	50.2	0.067	50	0	100	80	120	0	0		
4-Chloro-3-methylphenol	53.5	0.067	50	0	107	80	120	0	0		
Acenaphthene	44.7	0.067	50	0	89.4	80	120	0	0		
Benzo(a)pyrene	48.9	0.067	50	0	97.8	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309243
Project: 309117/BEA

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **CCV** SampType: **CCV** TestCode: **06 8270 S** Units: **mg/L** Prep Date: Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ** Batch ID: **R15005** TestNo: **EPA 8270C** Analysis Date: **9/25/03** SeqNo: **181515**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Di-n-octyl phthalate	43.3	0.067	50	0	86.6	80	120	0	0		
Fluoranthene	42.1	0.067	50	0	84.2	80	120	0	0		
Hexachlorobutadiene	49	0.067	50	0	98	80	120	0	0		
N-Nitrosodiphenylamine	94.9	0.067	100	0	94.9	80	120	0	0		
Pentachlorophenol	40.9	0.10	50	0	81.8	80	120	0	0		
Phenol	40.5	0.067	50	0	81	80	120	0	0		
Surr: 2,4,6-Tribromophenol	49.4	0	50	0	98.8	80	120	0	0		
Surr: 2-Fluorobiphenyl	46	0	50	0	92	80	120	0	0		
Surr: 2-Fluorophenol	49	0	50	0	98	80	120	0	0		
Surr: 4-Terphenyl-d14	42.4	0	50	0	84.8	80	120	0	0		
Surr: Nitrobenzene-d5	48.9	0	50	0	97.8	80	120	0	0		
Surr: Phenol-d5	45.8	0	50	0	91.6	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

ENVIRONMENTAL SERVICES LABORATORY – GLOSSARY OF FLAGS

QUALIFIER	DESCRIPTION
AA	This sample was analyzed after the holding time had expired.
AB	The hydrocarbon pattern in this sample is not typical of gasoline.
AC	The hydrocarbon pattern in this sample is not typical of diesel.
AD	The hydrocarbon pattern in this sample is not typical of oil.
AE	The hydrocarbon pattern in this sample extends into the gasoline range.
AF	The hydrocarbon pattern in this sample extends into the diesel range.
AG	The hydrocarbon pattern in this sample extends into the oil range.
A	This analysis was performed on a VOA sample containing headspace.
B	Analyte detected in the Method Blank above the reporting level.
C	The Relative Percent Difference (RPD) for the primary result and confirmation result was greater than 40%. The higher result was reported.
D	The sample was supplied in an inappropriate container according to method criteria.
E	This value is above the quantitation limit. It is considered an estimate.
H	The Matrix Spike/Matrix Spike Duplicate (MS/MSD) result was outside control limits. The Laboratory Control Standard/Duplicate (LCS/LCSD) result was in control validating the batch.
J	The result is above the Method Detection Limit (MDL) and below the Reporting level (RL). It is considered an estimate.
M	The MS/MSD recoveries are not calculable due to a high amount of analyte in sample.
MI	This indicates a high level of matrix interference affecting the spike or surrogate recovery.
N	See case narrative.
O	Detection Limits are elevated due to sample dilution. See case narrative.
Q	Further inspection of the sample confirms a non-homogenous sample matrix affecting RPD result.
R	The RPD result is outside method control limits. See other qualifiers or case narrative.
S	The spike recovery is outside method control limits. See other qualifiers or case narrative.
T	The RPD between the sample result and duplicate result was greater than 20%. The original result was less than three times the reporting level, therefore the RPD is not applicable.
X	Unable to quantitate surrogate recovery due to sample dilution.

0309243

Pinnacle Laboratories, Inc.

Interlab Chain of Custody

Date: 9/24/03 Page: 1 of 1

Network Project Manager: Jacinta Tenorio

Pinnacle Laboratories, Inc.
2709-D Pan American Freeway, NE
Albuquerque, NM 87107
(505) 344-3777 Fax (505) 344-4413

Need results 9/29/03.

RUSH!

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Metals (8) RCRA	TCLP RCRA (8) Metals	Metals-13 PP List	Metals-TAL (23 Metals)	Dissolved Fe, Mn, Pb (6010)		TOC	Gen Chemistry:			Volatile Organics GC/MS (8260)	BOD	COD	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	PNA (8310)/8270 SIMS	8260 (TCLP 1311) ZHE		Base/Neutral Acid Compounds GC/MS (625/8270)	Uranium (ICP-MS)	Radium 226+228	Gross Alpha/Beta	TO-14	NUMBER OF C/RS
LFA-2/309117-01	9/22/03	0732	NAQ	01																			X					
LFA-6/309117-02	↓	0735	↓	02																			X					
LFA-11/309117-03		0738		03																			X					
LFA-13/309117-04		0741		04																			X					

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:	RELINQUISED BY: 1.	RELINQUISED BY: 2.
PROJECT #: 309117		Total Number of Containers		PENSACOLA - STL-FL	Signature: Francine Tarno Time: 1700	Signature: Time:
PROJ. NAME: BEA		Chain of Custody Seals		ESL - OR		
QC LEVEL: STD. IV		Received Intact?		ATEL - AZ	Printed Name: Francine Tarno Date: 9/24/03	Printed Name: Date:
QC REQUIRED: MS MSD BLANK		Received Good Cond./Cold		ATEL - MARION		
TAT: STANDARD RUSH!		LAB NUMBER:		ATEL - MELMORE	Pinnacle Laboratories, Inc.	Company
				EHL	RECEIVED BY: 1.	RECEIVED BY: 2.
DUE DATE: 9/29	COMMENTS:			GEL	Signature: Time: 10:25	Signature: Time:
RUSH SURCHARGE: 100%				U OF MIAMI		
CLIENT DISCOUNT: —				WCAS	Printed Name: Date: 9/25/03	Printed Name: Date:
SPECIAL CERTIFICATION REQUIRED: YES NO				WOHL	Company: ESC	Company

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Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 9/23/03 PAGE: 1 OF 1

PLI Accession #: 309117

SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: JERRY PELFREY
COMPANY: BHATE ENVIRONMENTAL
ADDRESS: 1641 VANDERGRIFT Rd. #1266
Holloman AFB NM 88330
PHONE: 505-679-2100
FAX: 505-679-2148
BILL TO:
COMPANY: BHATE
ADDRESS: 1608 13th AVE. SO, Suite 300
Birmingham AL 35205

ANALYSIS REQUEST

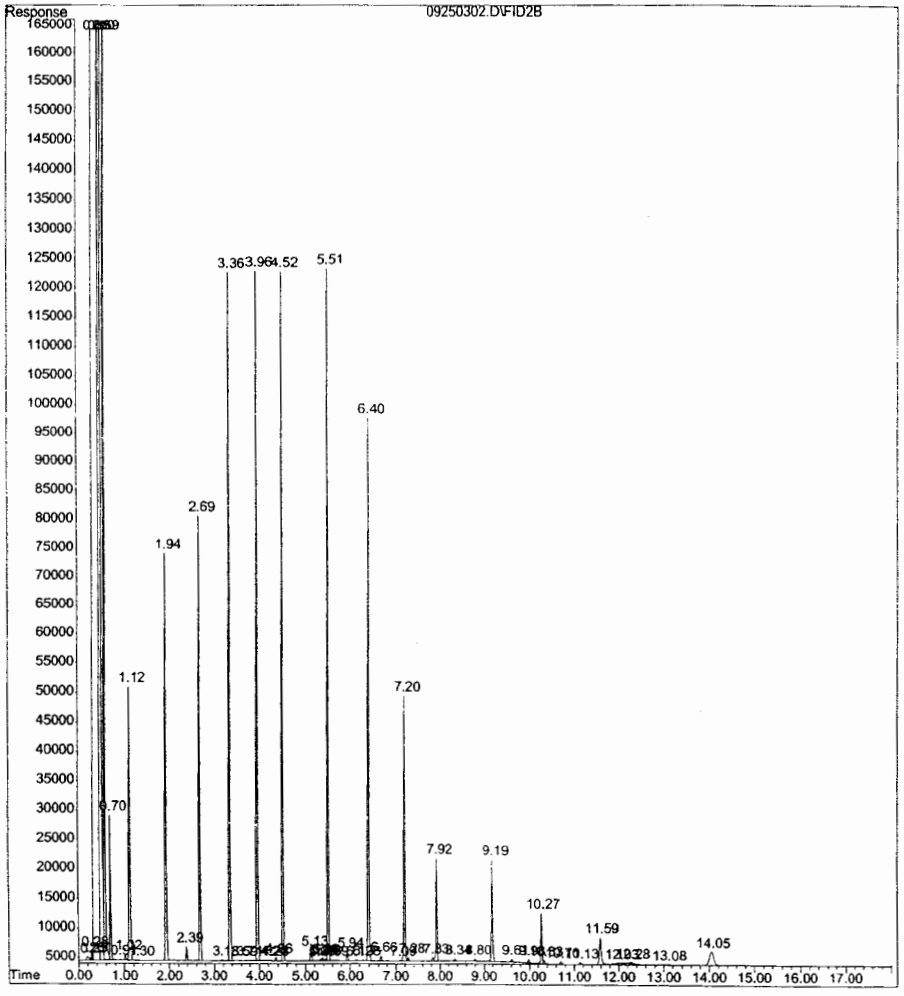
SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	Bolt Carbon Chem.	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:		Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:		NUMBER OF CONTAINERS
LFA-2	9-22-03	0732	NAQ	01		X											X					X										2
LFA-6	9/22/03	0735	↓	02		X											X					X										2
LFA-11	9/22/03	0738		03		X											X					X										2
LFA-13	9/22/03	0741	↓	04		X											X					X										2

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

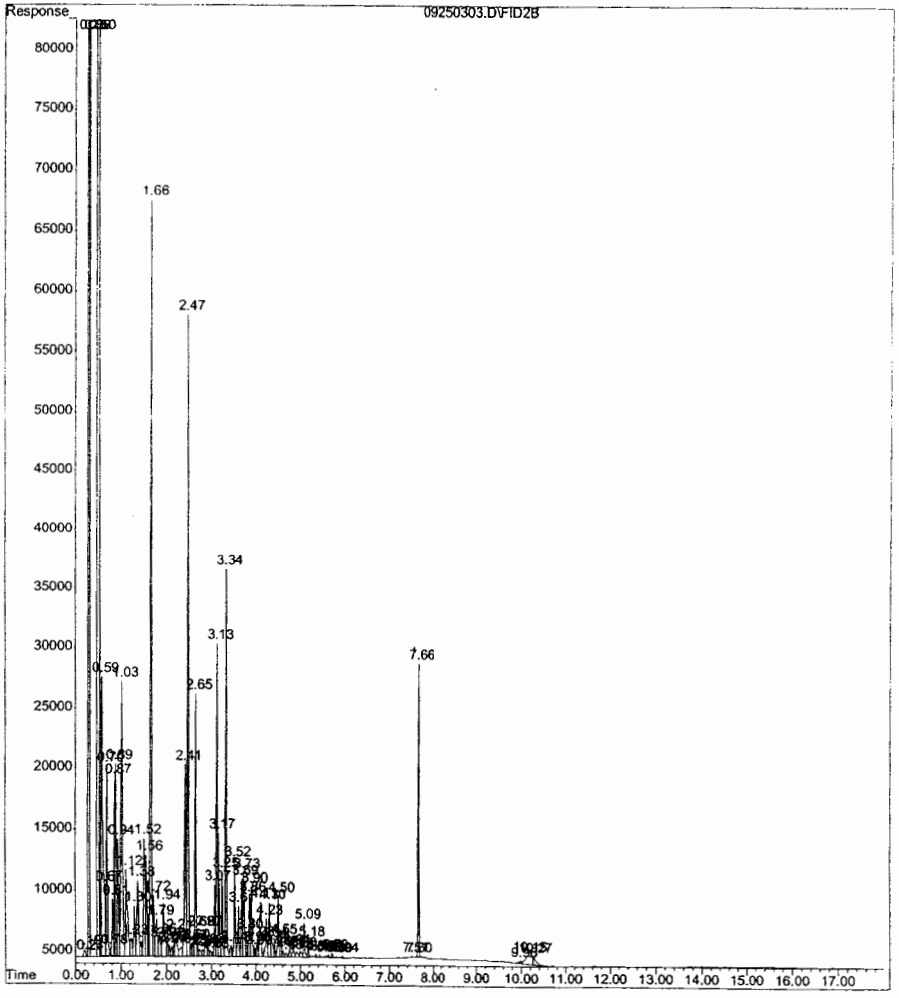
PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT INFORMATION	PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS	RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
PROJ. NO.: 9030167.01.02	(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐ 1 WEEK ~~(NORMAL)~~ *NOT AVAILABLE ON ALL ANALYSES	Signature: Time: 1600	Signature: Time:
PROJ. NAME: SS-17	CERTIFICATION REQUIRED ☐ NM ☐ SDWA ☐ AZ ☐ OTHER	Printed Name: Kevin Germann Date: 9/23/03	Printed Name: Date:
P.O. NO.:	METHANOL PRESERVATION ☐ METALS ☐ TOTAL ☐ DISSOLVED	Company: BHATE	Company:
SHIPPED VIA:	COMMENTS: Please FAX Results TO 505-679-2148	See Reverse side (Force Majeure)	
SAMPLE RECEIPT		RECEIVED BY: 1.	RECEIVED BY: (LAB) 2.
NO CONTAINERS: 8		Signature: Time:	Signature: Time: 1450
CUSTODY SEALS: Y/N/NA		Printed Name: Date:	Printed Name: Francine Tarno Date: 9/24/03
RECEIVED INTACT: Y/N		Company:	Pinnacle Laboratories Inc.
BLUE ICE/ICE: 6.0°C			

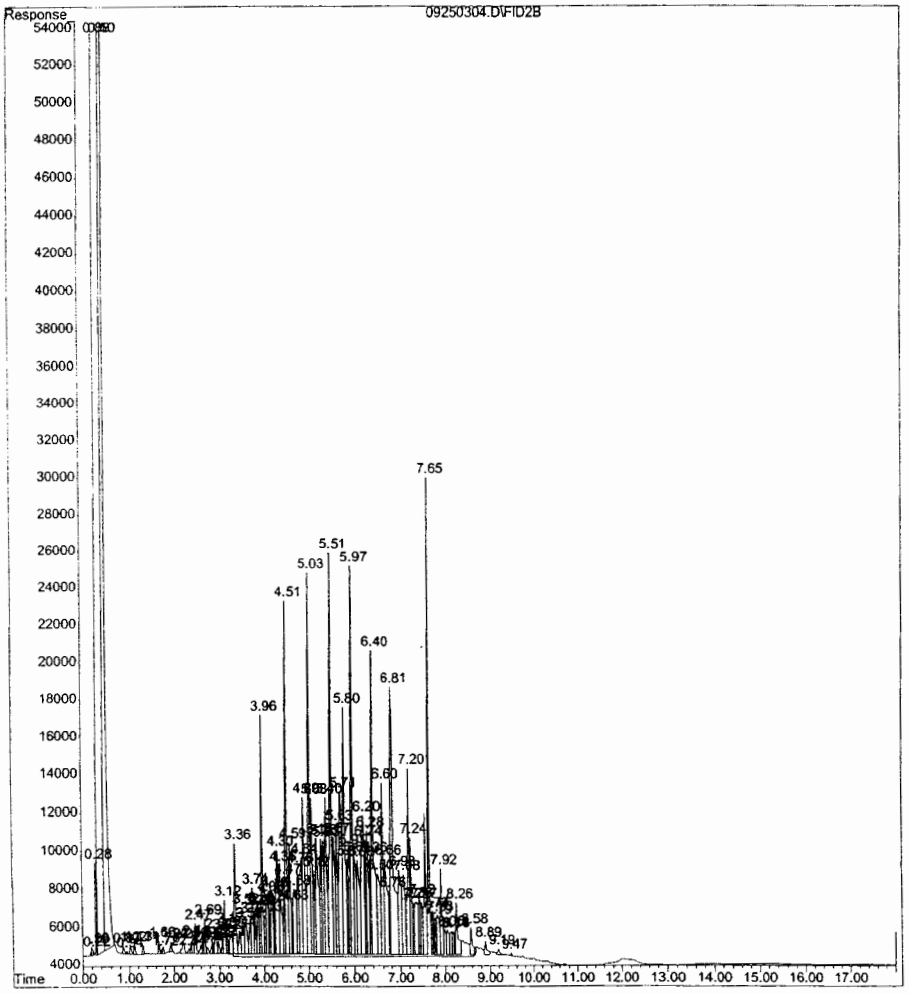
File : C:\HPCHEM\2\DATA\092503F\09250302.D
Operator : VP
Acquired : 25 Sep 2003 8:12 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: RT STD
Misc Info : GC4-111-20
Vial Number: 2



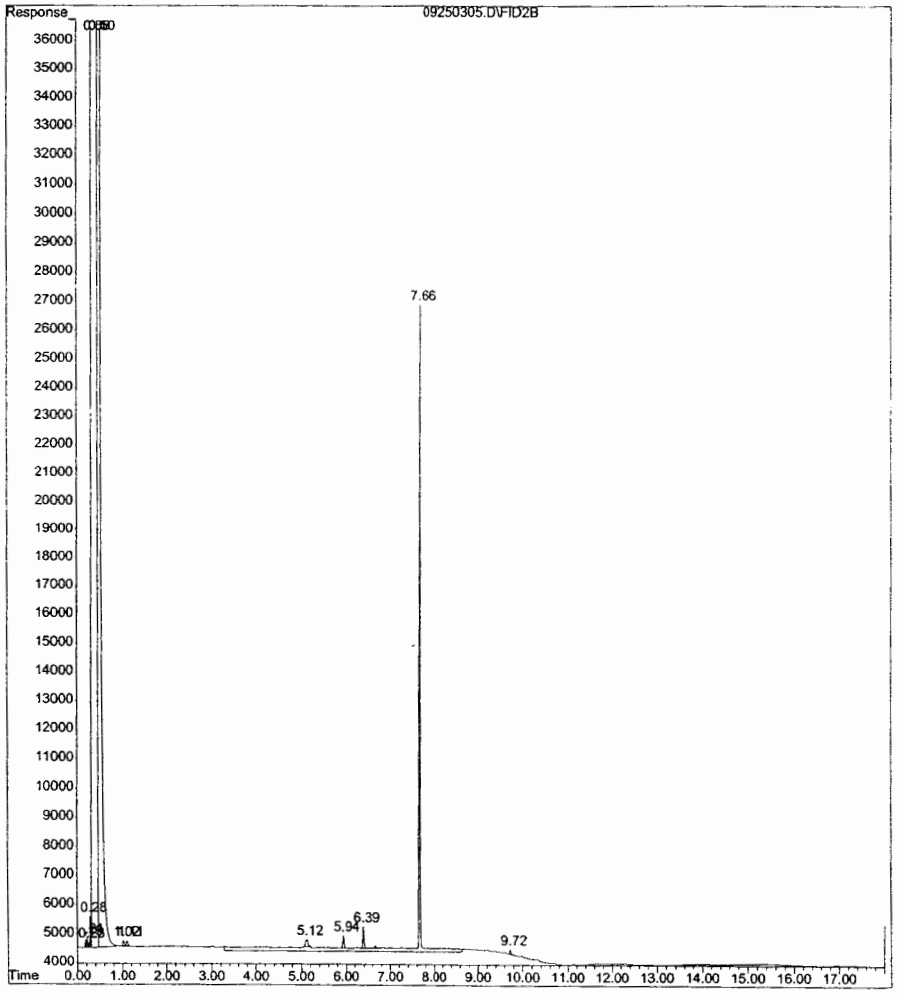
File : C:\HPCHEM\2\DATA\092503F\09250303.D
Operator : VP
Acquired : 25 Sep 2003 8:40 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: GRO CCV 200PPB
Misc Info : GC4-115-02
Vial Number: 3



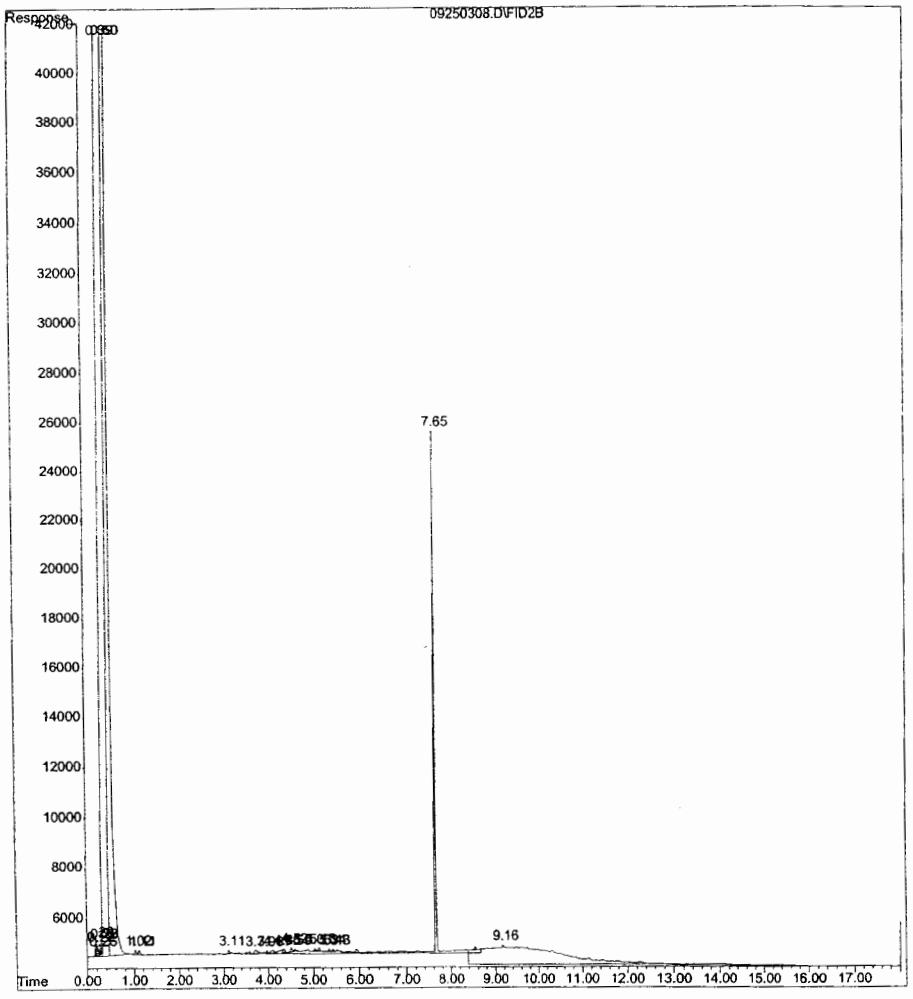
File : C:\HPCHEM\2\DATA\092503F\09250304.D
Operator : VP
Acquired : 25 Sep 2003 9:09 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: DRO CCV 200PPB
Misc Info : GC4-115-01
Vial Number: 4



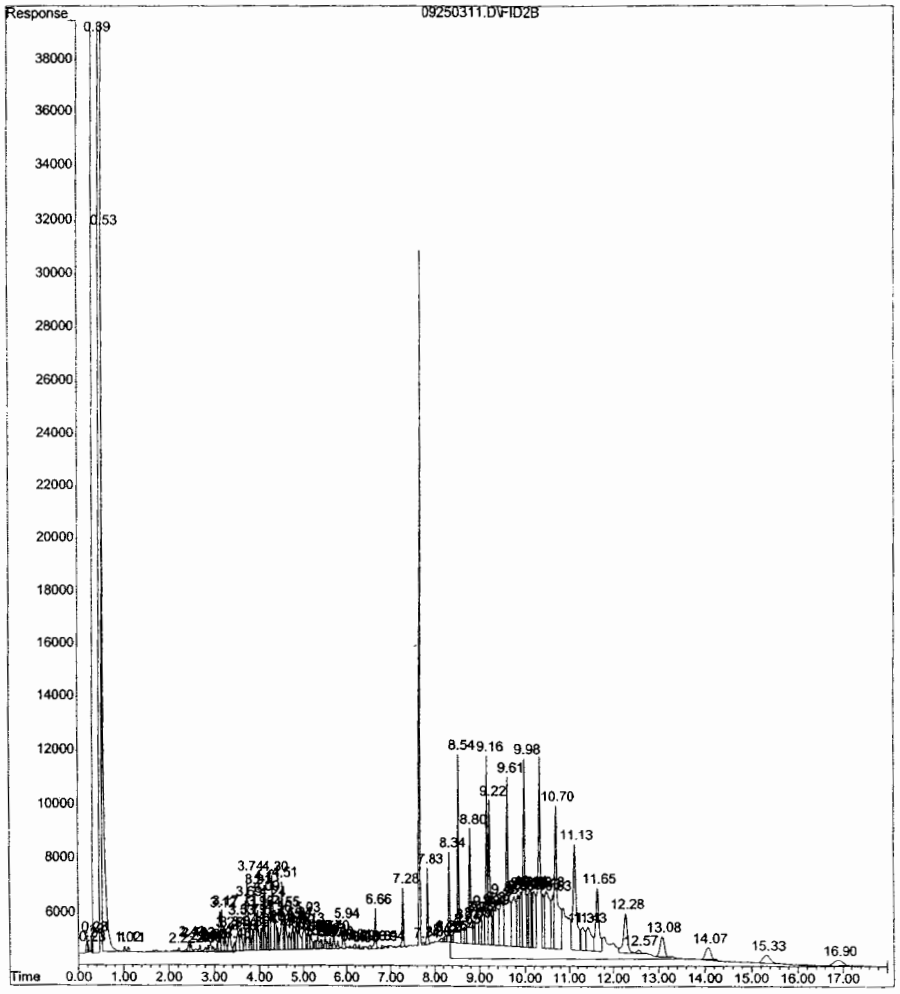
File : C:\HPCHEM\2\DATA\092503F\09250305.D
Operator : VP
Acquired : 25 Sep 2003 9:54 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: SRB0924
Misc Info : 10G/10ML 9/24
Vial Number: 5



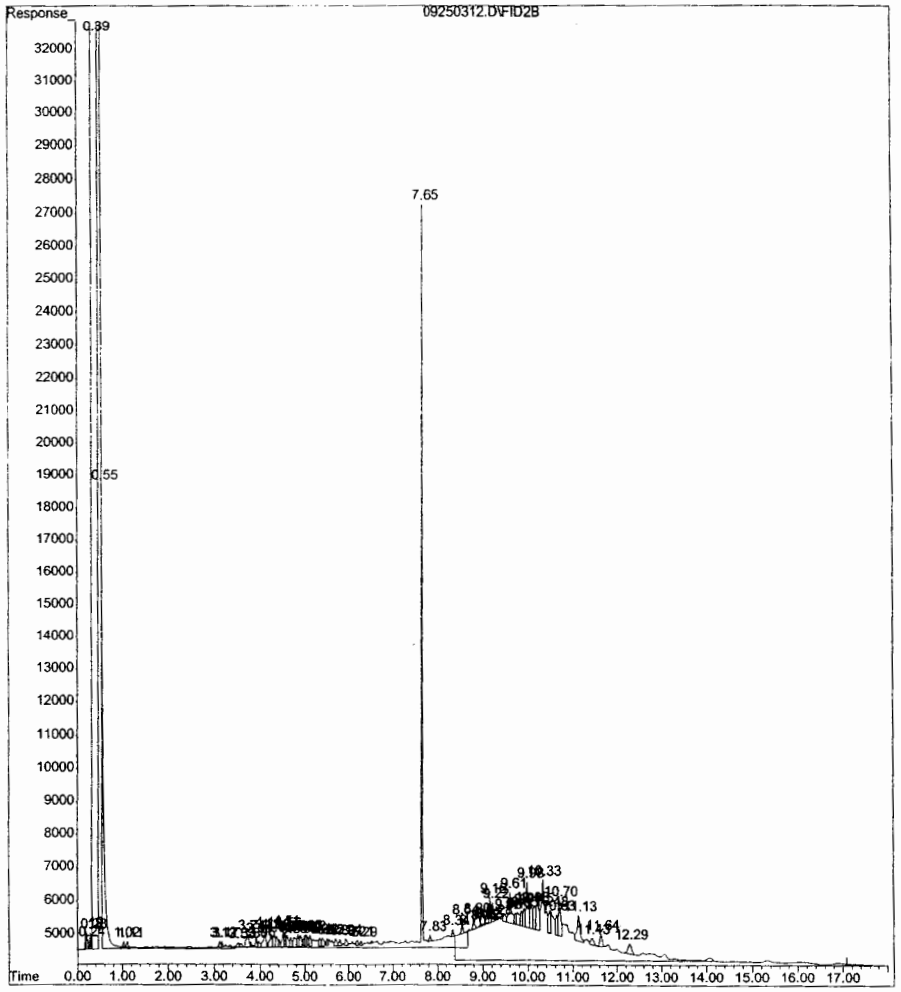
File : C:\HPCHEM\2\DATA\092503F\09250308.D
Operator : VP
Acquired : 25 Sep 2003 11:19 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309117-01
Misc Info : 10G/10ML 9/24
Vial Number: 8



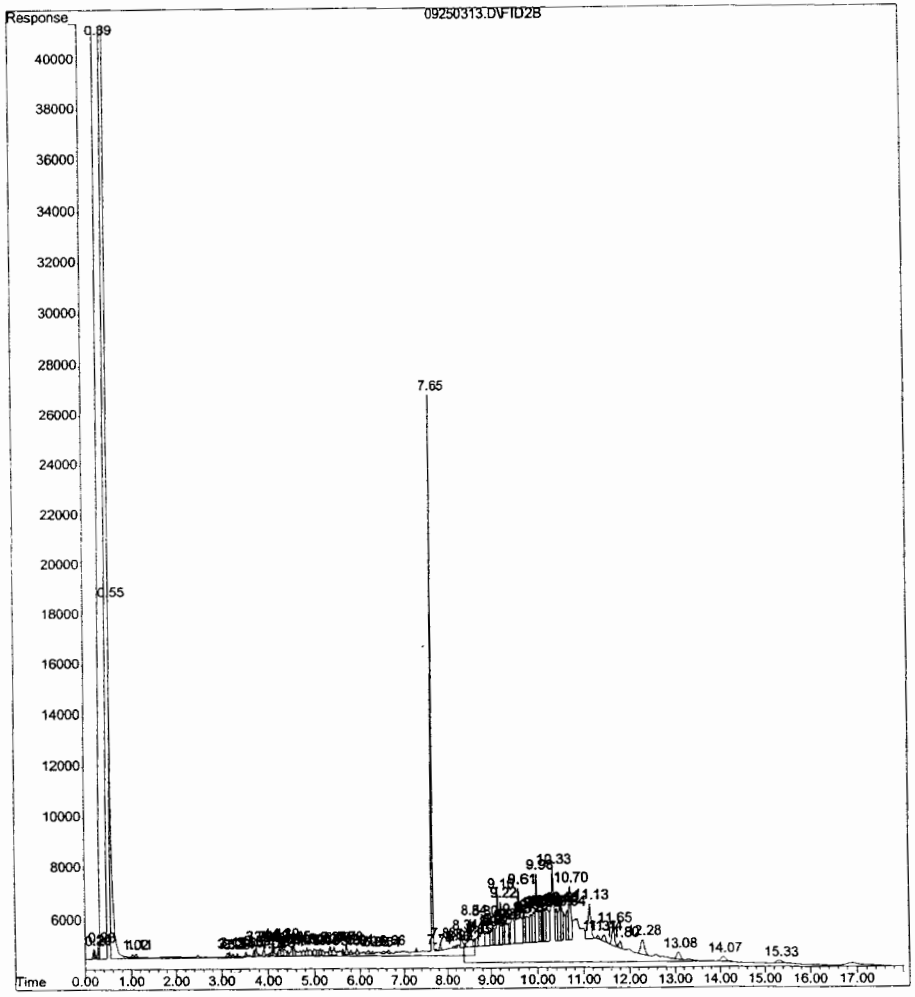
File : C:\HPCHEM\2\DATA\092503F\09250311.D
Operator : VP
Acquired : 25 Sep 2003 12:44 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309117-02
Misc Info : 10G/10ML 9/24
Vial Number: 11



File : C:\HPCHEM\2\DATA\092503F\09250312.D
Operator : VP
Acquired : 25 Sep 2003 13:13 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309117-03
Misc Info : 10G/10ML 9/24
Vial Number: 12



File : C:\HPCHEM\2\DATA\092503F\09250313.D
Operator : VP
Acquired : 25 Sep 2003 13:41 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309117-04
Misc Info : 10G/10ML 9/24
Vial Number: 13



CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	PINNACLE ID	: 309132
PROJECT #	: (NONE)	DATE RECEIVED	: 9/24 & 25/ 2003
PROJECT NAME	: LANDFARM	REPORT DATE	: 10/03/03

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
309132 - 01	LFB-2	NON-AQ	09/22/03
309132 - 02	LFB-13	NON-AQ	09/22/03
309132 - 03	LFB-10	NON-AQ	09/22/03
309132 - 04	LFB-6	NON-AQ	09/22/03

Pinnacle Lab ID number **309132**
October 03, 2003

BHATE ENVIRONMENTAL ASSOCIATES
1641 VANDER GRIFT RD. BLDG. 1266
HOLLOMAN AFB, NM 88330

Project Name LANDFARM
Project Number (NONE)

Attention: JERRY PELFREY

On 9/24 & 25/ 2003 Pinnacle Laboratories Inc., (ADHS Lincense No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

EPA method 8260 and 8015 analyses were performed by Pinnacle Laboratories, Inc. Albuquerque, NM.

All remaining analyses were performed by Environmental Services Laboratory, Inc. Portland, OR.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309132
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/26/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309132-01	LFB-2	SOIL	09/22/03	09/26/03	09/29/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	91 (70 - 121)
Toluene-d8	99 (84 - 138)
Bromofluorobenzene	99 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309132
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/26/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309132-01	LFB-2	SOIL	09/22/03	09/26/03	09/29/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309132
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/26/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309132-02	LFB-13	SOIL	09/22/03	09/26/03	09/29/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	**0.05**	**0.07**	**MG/KG**
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	**0.05**	**0.28**	**MG/KG**
o-Xylene (95-47-6)	**0.05**	**0.14**	**MG/KG**
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	**0.05**	**0.11**	**MG/KG**
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.34**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**0.73**	**MG/KG**
sec-Butylbenzene (135-98-8)	**0.05**	**0.06**	**MG/KG**
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	**0.15**	**0.25**	**MG/KG**
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	**0.25**	**0.32**	**MG/KG**
1-Methyl Naphthalene (90-12-0)	**0.25**	**0.25**	**MG/KG**

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	92
	(70 - 121)
Toluene-d8	97
	(84 - 138)
Bromofluorobenzene	98
	(59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309132
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/26/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309132-02	LFB-13	SOIL	09/22/03	09/26/03	09/29/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309132
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/26/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309132-03	LFB-10	SOIL	09/22/03	09/26/03	09/29/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	92 (70 - 121)
Toluene-d8	96 (84 - 138)
Bromofluorobenzene	97 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309132
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/26/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309132-03	LFB-10	SOIL	09/22/03	09/26/03	09/29/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309132
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/26/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309132-04	LFB-6	SOIL	09/22/03	09/26/03	09/29/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	90 (70 - 121)
Toluene-d8	94 (84 - 138)
Bromofluorobenzene	95 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309132
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/26/03
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL FACTOR
309132-04	LFB-6	SOIL	09/22/03	09/26/03	09/29/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309132
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES		
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	092603	SOIL	09/26/03	09/29/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	99 (70 - 121)
Toluene-d8	105 (84 - 138)
Bromofluorobenzene	102 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309132
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES		
PROJECT #	: (NONE)	INSTRUMENT	: GCMS2
PROJECT NAME	: LANDFARM	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	092603	SOIL	09/26/03	09/29/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309132
SPIKED SAMPLE	: 309132-04	DATE ANALYZED	: 09/29/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	UNITS	: mg/kg (PPM)
PROJECT #	: (NONE)	MATRIX	: SOIL
PROJECT NAME	: LANDFARM	INSTRUMENT	: GCMS2
		ANALYST	: DSR

COMPOUND	SAMPLE CONC.	SPIKE ADDED	MS RESULT	MSD RESULT	MS %REC	MSD %REC	RPD	QC LIMITS RPD	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	<0.05	2.50	2.26	2.28	90	91	1	22	59-172
BENZENE	<0.05	2.50	2.20	2.32	88	93	5	21	66-142
TRICHLOROETHENE	<0.05	2.50	2.19	2.29	88	92	4	24	62-137
TOLUENE	<0.05	2.50	2.21	2.35	88	94	6	21	59-139
CHLOROBENZENE	<0.05	2.50	2.21	2.32	88	93	5	21	60-133

LABORATORY CONTROL SPIKE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309132
BATCH	: 092603	DATE ANALYZED	: 09/29/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	UNITS	: mg/kg (PPM)
PROJECT #	: (NONE)	MATRIX	: SOIL
PROJECT NAME	: LANDFARM	INSTRUMENT	: GCMS2
		ANALYST	: DSR

COMPOUND	SPIKE ADDED	LCS RESULT	LCS % RECOVERY	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	2.50	2.51	100	59-172
BENZENE	2.50	2.46	98	66-142
TRICHLOROETHENE	2.50	2.45	98	62-137
TOLUENE	2.50	2.50	100	59-139
CHLOROBENZENE	2.50	2.47	99	60-133

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : BHATE ENVIRONMENTAL ASSOCIATES
PROJECT # : (NONE)
PROJECT NAME : LANDFARM
PINNACLE I.D. : 309132
ANALYST : VP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	LFB-6	NON-AQ	09/22/03	09/26/03	09/29/03	1

PARAMETER	DET. LIMIT	UNITS	LFB-6
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10
FUEL HYDROCARBONS, C10-C22	10	MG/KG	< 10
FUEL HYDROCARBONS, C22-C36	10	**MG/KG**	**49**
CALCULATED SUM:			**49**
SURROGATE:			
O-TERPHENYL (%)			103
SURROGATE LIMITS	(70-130)		

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : BHATE ENVIRONMENTAL ASSOCIATES
PROJECT # : (NONE)
PROJECT NAME : LANDFARM
PINNACLE I.D. : 309132
ANALYST : VP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	LFB-2	NON-AQ	09/22/03	09/26/03	09/29/03	1
02	LFB-13	NON-AQ	09/22/03	09/26/03	09/29/03	1
03	LFB-10	NON-AQ	09/22/03	09/26/03	09/29/03	1

PARAMETER	DET. LIMIT	UNITS	LFB-2	LFB-13	LFB-10
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C10-C22	10	**MG/KG**	**13**	< 10	< 10
FUEL HYDROCARBONS, C22-C36	10	**MG/KG**	**100**	< 10	27
CALCULATED SUM:			**113**		27
SURROGATE:					
O-TERPHENYL (%)			100	97	101
SURROGATE LIMITS	(70-130)				

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309132
LCS/LCSD #	: 092603	DATE EXTRACTED	: 09/26/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE ANALYZED	: 09/29/03
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	181	91	190	95	5	(70-130)	20

CHEMIST NOTES:
N/A

$$\frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309132
BLANK I.D.	: 092603	DATE EXTRACTED	: 09/26/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATE:	DATE ANALYZED	: 09/29/03
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: LANDFARM	ANALYST	: VP

PARAMETER	UNITS	
FUEL HYDROCARBONS, C6-C10	MG/KG	< 10
FUEL HYDROCARBONS, C10-C22	MG/KG	< 10
FUEL HYDROCARBONS, C22-C36	MG/KG	< 10

SURROGATE:
O-TERPHENYL (%) 91
SURROGATE LIMITS (70-130)

CHEMIST NOTES:
N/A

Environmental Services Laboratory, Inc. E S L

17400 SW Upper Boones Ferry Road, Suite 270 • Portland, OR 97224 • (503) 670-8520

September 29, 2003

Jacinta A. Tenorio
Pinnacle Laboratories
2709-D Pan American Fwy NE
Albuquerque, NM 87107

TEL: 505 344-3777
FAX (505) 344-4413

RE:

Order No.: 0309229

Dear Jacinta A. Tenorio:

Environmental Services Laboratory received 4 samples on 9/24/03 for the analyses presented in the following report.

There were no analytical problems encountered and all analytical data met requirements established under NELAC protocol or laboratory specifications except where noted in a Case Narrative. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety, without the written approval of the laboratory. The following checked data sections are included in this report.

✓Base Sample Report ✓Method Blank Report ✓Sample Duplicate Report ✓Matrix Spike/Matrix Spike Duplicate Report ✓Laboratory Control Spike/Spike Duplicate Report ✓Continuing Calibration Verification Report __Initial Calibration Verification Report

If you have any questions regarding these tests results, please feel free to call.

Project Manager

Technical Review

ANALYTICAL SERVICES FOR THE ENVIRONMENT

GAS CHROMATOGRAPHY QUALITY CONTROL
MSMSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309132
MSMSD #	: 309129-01	DATE EXTRACTED	: 09/26/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE ANALYZED	: 09/29/03
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: LANDFARM	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	159	80	178	89	11	(70-130)	20

CHEMIST NOTES:
N/A

$$\frac{\text{(Spike Sample Result - Sample Result)}}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{\text{(Sample Result - Duplicate Result)}}{\text{Average Result}} \times 100$$

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT: Pinnacle Laboratories
Lab Order: 0309229
Project:
Lab ID: 0309229-01A

Client Sample ID: LFB-2
Tag Number:
Collection Date: 9/22/03
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/25/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/25/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Carbazole	ND	0.13		mg/Kg	1	9/25/03
Chrysene	ND	0.067		mg/Kg	1	9/25/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/25/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/25/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
Fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Fluorene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/25/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/25/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/25/03
Isophorone	ND	0.067		mg/Kg	1	9/25/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
N-Decane	ND	0.067		mg/Kg	1	9/25/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/25/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/25/03
N-Octadecane	ND	0.067		mg/Kg	1	9/25/03
Naphthalene	ND	0.067		mg/Kg	1	9/25/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/25/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/25/03
Phenacetin	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT: Pinnacle Laboratories
Lab Order: 0309229
Project:
Lab ID: 0309229-01A

Client Sample ID: LFB-2
Tag Number:
Collection Date: 9/22/03
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/25/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/25/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/25/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/25/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/25/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/25/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/25/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/25/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/25/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/25/03
Acetophenone	ND	0.13		mg/Kg	1	9/25/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/25/03
Aniline	ND	0.067		mg/Kg	1	9/25/03
Anthracene	ND	0.067		mg/Kg	1	9/25/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT: Pinnacle Laboratories
Lab Order: 0309229
Project:
Lab ID: 0309229-02A

Client Sample ID: LFB-13
Tag Number:
Collection Date: 9/22/03
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/25/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/25/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/25/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/25/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/25/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/25/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/25/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/25/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/25/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/25/03
Acetophenone	ND	0.13		mg/Kg	1	9/25/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/25/03
Aniline	ND	0.067		mg/Kg	1	9/25/03
Anthracene	ND	0.067		mg/Kg	1	9/25/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT: Pinnacle Laboratories
Lab Order: 0309229
Project:
Lab ID: 0309229-01A

Client Sample ID: LFB-2
Tag Number:
Collection Date: 9/22/03
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/25/03
Phenol	ND	0.067		mg/Kg	1	9/25/03
Pyrene	ND	0.067		mg/Kg	1	9/25/03
Pyridine	ND	0.067		mg/Kg	1	9/25/03
Surr: 2,4,6-Tribromophenol	76.7	19-122		%REC	1	9/25/03
Surr: 2-Fluorobiphenyl	68.9	30-115		%REC	1	9/25/03
Surr: 2-Fluorophenol	71.9	25-121		%REC	1	9/25/03
Surr: 4-Terphenyl-d14	74.5	18-137		%REC	1	9/25/03
Surr: Nitrobenzene-d5	61.2	23-120		%REC	1	9/25/03
Surr: Phenol-d5	71.9	24-113		%REC	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-13
Lab Order:	0309229	**Tag Number:**	
Project:		**Collection Date:**	9/22/03
Lab ID:	0309229-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		EPA 8270C		(3550B)		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/25/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/25/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Carbazole	ND	0.13		mg/Kg	1	9/25/03
Chrysene	ND	0.067		mg/Kg	1	9/25/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/25/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/25/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
Fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Fluorene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/25/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/25/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/25/03
Isophorone	ND	0.067		mg/Kg	1	9/25/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
N-Decane	ND	0.067		mg/Kg	1	9/25/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/25/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/25/03
N-Octadecane	ND	0.067		mg/Kg	1	9/25/03
Naphthalene	ND	0.067		mg/Kg	1	9/25/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/25/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/25/03
Phenacetin	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-10
Lab Order:	0309229	**Tag Number:**	
Project:		**Collection Date:**	9/22/03
Lab ID:	0309229-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/25/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/25/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/25/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/25/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/25/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/25/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/25/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/25/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/25/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/25/03
Acetophenone	ND	0.13		mg/Kg	1	9/25/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/25/03
Aniline	ND	0.067		mg/Kg	1	9/25/03
Anthracene	ND	0.067		mg/Kg	1	9/25/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-13
Lab Order:	0309229	**Tag Number:**	
Project:		**Collection Date:**	9/22/03
Lab ID:	0309229-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Phenanthrene	ND	0.067		mg/Kg	1	9/25/03
Phenol	ND	0.067		mg/Kg	1	9/25/03
Pyrene	ND	0.067		mg/Kg	1	9/25/03
Pyridine	ND	0.067		mg/Kg	1	9/25/03
Surr: 2,4,6-Tribromophenol	82.6	19-122		%REC	1	9/25/03
Surr: 2-Fluorobiphenyl	70.5	30-115		%REC	1	9/25/03
Surr: 2-Fluorophenol	75.0	25-121		%REC	1	9/25/03
Surr: 4-Terphenyl-d14	75.7	18-137		%REC	1	9/25/03
Surr: Nitrobenzene-d5	62.2	23-120		%REC	1	9/25/03
Surr: Phenol-d5	73.6	24-113		%REC	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-10
Lab Order:	0309229	**Tag Number:**	
Project:		**Collection Date:**	9/22/03
Lab ID:	0309229-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Phenanthrene	ND	0.067		mg/Kg	1	9/25/03
Phenol	ND	0.067		mg/Kg	1	9/25/03
Pyrene	ND	0.067		mg/Kg	1	9/25/03
Pyridine	ND	0.067		mg/Kg	1	9/25/03
Surr: 2,4,6-Tribromophenol	81.9	19-122		%REC	1	9/25/03
Surr: 2-Fluorobiphenyl	70.3	30-115		%REC	1	9/25/03
Surr: 2-Fluorophenol	74.6	25-121		%REC	1	9/25/03
Surr: 4-Terphenyl-d14	77.1	18-137		%REC	1	9/25/03
Surr: Nitrobenzene-d5	61.0	23-120		%REC	1	9/25/03
Surr: Phenol-d5	73.2	24-113		%REC	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-10
Lab Order:	0309229	**Tag Number:**	
Project:		**Collection Date:**	9/22/03
Lab ID:	0309229-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/25/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/25/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Carbazole	ND	0.13		mg/Kg	1	9/25/03
Chrysene	ND	0.067		mg/Kg	1	9/25/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/25/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/25/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
Fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Fluorene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/25/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/25/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/25/03
Isophorone	ND	0.067		mg/Kg	1	9/25/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
N-Decane	ND	0.067		mg/Kg	1	9/25/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/25/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/25/03
N-Octadecane	ND	0.067		mg/Kg	1	9/25/03
Naphthalene	ND	0.067		mg/Kg	1	9/25/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/25/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/25/03
Phenacetin	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT: Pinnacle Laboratories
Lab Order: 0309229
Project:
Lab ID: 0309229-04A

Client Sample ID: LFB-6
Tag Number:
Collection Date: 9/22/03
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/25/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/25/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Carbazole	ND	0.13		mg/Kg	1	9/25/03
Chrysene	ND	0.067		mg/Kg	1	9/25/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/25/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/25/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dimethyl phthalate	0.59	0.067		mg/Kg	1	9/25/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
Fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Fluorene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/25/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/25/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/25/03
Isophorone	ND	0.067		mg/Kg	1	9/25/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
N-Decane	ND	0.067		mg/Kg	1	9/25/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/25/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/25/03
N-Octadecane	ND	0.067		mg/Kg	1	9/25/03
Naphthalene	ND	0.067		mg/Kg	1	9/25/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/25/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/25/03
Phenacetin	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT: Pinnacle Laboratories
Lab Order: 0309229
Project:
Lab ID: 0309229-04A

Client Sample ID: LFB-6
Tag Number:
Collection Date: 9/22/03
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/25/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/25/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/25/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/25/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/25/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/25/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/25/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/25/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/25/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/25/03
Acetophenone	ND	0.13		mg/Kg	1	9/25/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/25/03
Aniline	ND	0.067		mg/Kg	1	9/25/03
Anthracene	ND	0.067		mg/Kg	1	9/25/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

CLIENT: Pinnacle Laboratories
Work Order: 0309229
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: MB-6243	SampType: MBLK	TestCode: 06 8270 S	Units: mg/Kg	Prep Date: 9/23/03	Run ID: MANFREDD_030923B
Client ID: ZZZZZ	Batch ID: 6243	TestNo: EPA 8270C	(3550B)	Analysis Date: 9/23/03	SeqNo: 181508

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4,5-Tetrachlorobenzene	ND	0.067									
1,2,4-Trichlorobenzene	ND	0.067									
1,2-Dichlorobenzene	ND	0.067									
1,2-Diphenylhydrazine	ND	0.067									
1,3-Dichlorobenzene	ND	0.067									
1,4-Dichlorobenzene	ND	0.067									
2,3,4,6-Tetrachlorophenol	ND	0.067									
2,4,5-Trichlorophenol	ND	0.067									
2,4,6-Trichlorophenol	ND	0.067									
2,4-Dichlorophenol	ND	0.067									
2,4-Dimethylphenol	ND	0.067									
2,4-Dinitrophenol	ND	0.67									
2,4-Dinitrotoluene	ND	0.067									
2,6-Dichlorophenol	ND	0.067									
2,6-Dinitrotoluene	ND	0.067									
2-Chloronaphthalene	ND	0.067									
2-Chlorophenol	ND	0.067									
2-Methylnaphthalene	ND	0.067									
2-Methylphenol	ND	0.067									
2-Nitroaniline	ND	0.067									
2-Nitrophenol	ND	0.067									
3&4-Methylphenol	ND	0.13									
3-Methylcholanthrene	ND	0.067									
3-Nitroaniline	ND	0.067									
4,6-Dinitro-2-methylphenol	ND	0.20									
4-Aminobiphenyl	ND	0.10									
4-Bromophenyl phenyl ether	ND	0.067									
4-Chloro-3-methylphenol	ND	0.067									
4-Chlorophenyl phenyl ether	ND	0.067									
4-Nitroaniline	ND	0.067									

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

Environmental Services Laboratory

Date: 29-Sep-03

CLIENT: Pinnacle Laboratories
Lab Order: 0309229
Project:
Lab ID: 0309229-04A

Client Sample ID: LFB-6
Tag Number:
Collection Date: 9/22/03
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/25/03
Phenol	ND	0.067		mg/Kg	1	9/25/03
Pyrene	ND	0.067		mg/Kg	1	9/25/03
Pyridine	ND	0.067		mg/Kg	1	9/25/03
Surr: 2,4,6-Tribromophenol	83.4	19-122		%REC	1	9/25/03
Surr: 2-Fluorobiphenyl	72.5	30-115		%REC	1	9/25/03
Surr: 2-Fluorophenol	79.1	25-121		%REC	1	9/25/03
Surr: 4-Terphenyl-d14	78.5	18-137		%REC	1	9/25/03
Surr: Nitrobenzene-d5	63.3	23-120		%REC	1	9/25/03
Surr: Phenol-d5	77.1	24-113		%REC	1	9/25/03

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; B - Analyte detected in the associated Method Blank; * - Value exceeds Maximum Contaminant Level; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; E - Value above quantitation range

CLIENT: Pinnacle Laboratories
Work Order: 0309229
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

ample ID: **MB-6243**	SampType: **MBLK**	TestCode: **06 8270 S**	Units: **mg/Kg**	Prep Date: **9/23/03**	Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ**	Batch ID: **6243**	TestNo: **EPA 8270C**	**(3550B)**	Analysis Date: **9/23/03**	SeqNo: **181508**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	0.067									
Hexachlorocyclopentadiene	ND	0.20									
Hexachloroethane	ND	0.067									
Indeno(1,2,3-cd)pyrene	ND	0.067									
Isophorone	ND	0.067									
Methyl methanesulfonate	ND	0.067									
N-Decane	ND	0.067									
N-Nitroso-di-n-butylamine	ND	0.13									
N-Nitrosodi-n-propylamine	ND	0.067									
N-Nitrosodiphenylamine	ND	0.067									
N-Nitrosopiperidine	ND	0.067									
N-Octadecane	ND	0.067									
Naphthalene	ND	0.067									
Nitrobenzene	ND	0.067									
p-Aminoazobenzene	ND	0.067									
Pentachlorobenzene	ND	0.067									
Pentachloronitrobenzene	ND	0.067									
Pentachlorophenol	ND	0.10									
Phenacetin	ND	0.067									
Phenanthrene	ND	0.067									
Phenol	ND	0.067									
Pyrene	ND	0.067									
Pyridine	ND	0.067									
Surr: 2,4,6-Tribromophenol	2.22	0	3.33	0	66.7	19	122	0	0		
Surr: 2-Fluorobiphenyl	1.01	0	1.66	0	60.8	30	115	0	0		
Surr: 2-Fluorophenol	2.11	0	3.33	0	63.3	25	121	0	0		
Surr: 4-Terphenyl-d14	1.05	0	1.66	0	63.1	18	137	0	0		
Surr: Nitrobenzene-d5	0.833	0	1.66	0	50.2	23	120	0	0		
Surr: Phenol-d5	2.17	0	3.33	0	65.2	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309229
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **MB-6243**	SampType: **MBLK**	TestCode: **06 8270 S**	Units: **mg/Kg**	Prep Date: **9/23/03**	Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ**	Batch ID: **6243**	TestNo: **EPA 8270C**	**(3550B)**	Analysis Date: **9/23/03**	SeqNo: **181508**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	ND	0.067									
7,12-Dimethylbenz(a)anthracene	ND	0.067									
Acenaphthene	ND	0.067									
Acenaphthylene	ND	0.067									
Acetophenone	ND	0.13									
alpha-Terpinol	ND	0.30									
Aniline	ND	0.067									
Anthracene	ND	0.067									
Benz(a)anthracene	ND	0.067									
Benzo(a)pyrene	ND	0.067									
Benzo(b)fluoranthene	ND	0.067									
Benzo(g,h,i)perylene	ND	0.067									
Benzo(k)fluoranthene	ND	0.067									
Benzyl alcohol	ND	0.067									
Bis(2-chloroethoxy)methane	ND	0.067									
Bis(2-chloroethyl)ether	ND	0.067									
Bis(2-chloroisopropyl)ether	ND	0.067									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Butyl benzyl phthalate	ND	0.067									
Carbazole	ND	0.13									
Chrysene	ND	0.067									
Di-n-butyl phthalate	ND	0.067									
Di-n-octyl phthalate	ND	0.067									
benz(a,h)anthracene	ND	0.067									
nzofuran	ND	0.067									
thyl phthalate	ND	0.067									
Dimethyl phthalate	ND	0.067									
Ethyl methanesulfonate	ND	0.067									
Fluoranthene	ND	0.067									
Fluorene	ND	0.067									
Hexachlorobenzene	ND	0.067									

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309229
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: LCSD-6243	SampType: LCSD	TestCode: 06 8270 S	Units: mg/Kg	Prep Date: 9/23/03	Run ID: MANFREDD_030923B
Client ID: ZZZZZ	Batch ID: 6243	TestNo: EPA 8270C	(3550B)	Analysis Date: 9/23/03	SeqNo: 181510

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	2.2	0.067	3.33	0	66.1	5	112	2.26	2.84	20	
Pyrene	1.3	0.067	1.66	0	78.3	52	115	1.16	11.1	20	
Surr: 2,4,6-Tribromophenol	2.51	0	3.33	0	75.3	19	122	0	0	0	
Surr: 2-Fluorobiphenyl	1.08	0	1.66	0	65.3	30	115	0	0	0	
Surr: 2-Fluorophenol	2.11	0	3.33	0	63.4	25	121	0	0	0	
Surr: 4-Terphenyl-d14	1.12	0	1.66	0	67.7	18	137	0	0	0	
Surr: Nitrobenzene-d5	0.88	0	1.66	0	53	23	120	0	0	0	
Surr: Phenol-d5	2.17	0	3.33	0	65.3	24	113	0	0	0	

Sample ID: 0309194-02A MS	SampType: MS	TestCode: 06 8270 S	Units: mg/Kg	Prep Date: 9/23/03	Run ID: MANFREDD_030923B
Client ID: ZZZZZ	Batch ID: 6243	TestNo: EPA 8270C	(3550B)	Analysis Date: 9/23/03	SeqNo: 181514

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	0.98	0.067	1.66	0	59	44	142	0	0		
1,4-Dichlorobenzene	1.17	0.067	1.66	0	70.5	20	124	0	0		
2,4-Dinitrotoluene	0.833	0.067	1.66	0	50.2	39	139	0	0		
2-Chlorophenol	1.94	0.067	3.33	0	58.2	23	134	0	0		
4-Chloro-3-methylphenol	0.92	0.067	3.33	0	27.6	22	147	0	0		
4-Nitrophenol	ND	0.067	3.33	0	0	1	132	0	0		S, MI
Acenaphthene	1.12	0.067	1.66	0	67.5	47	145	0	0		
N-Nitrosodi-n-propylamine	0.68	0.067	1.66	0	41	1	230	0	0		
Pentachlorophenol	0.767	0.10	3.33	0	23	14	176	0	0		
Phenol	0.717	0.067	3.33	0	21.5	5	112	0	0		
Pyrene	1.12	0.067	1.66	0.086	62.1	52	115	0	0		
Surr: 2,4,6-Tribromophenol	1.83	0	3.33	0	55	19	122	0	0		
Surr: 2-Fluorobiphenyl	0.89	0	1.66	0	53.6	30	115	0	0		
Surr: 2-Fluorophenol	1.26	0	3.33	0	37.7	25	121	0	0		
Surr: 4-Terphenyl-d14	0.92	0	1.66	0	55.4	18	137	0	0		
Surr: Nitrobenzene-d5	0.72	0	1.66	0	43.4	23	120	0	0		
Surr: Phenol-d5	0.833	0	3.33	0	25	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309229
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: LCS-6243	SampType: LCS	TestCode: 06 8270 S	Units: mg/Kg	Prep Date: 9/23/03	Run ID: MANFREDD_030923B
Client ID: ZZZZZ	Batch ID: 6243	TestNo: EPA 8270C	(3550B)	Analysis Date: 9/23/03	SeqNo: 181509

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.1	0.067	1.66	0	66.1	44	142	0	0		
1,4-Dichlorobenzene	1.2	0.067	1.66	0	72.1	20	124	0	0		
2,4-Dinitrotoluene	1.2	0.067	1.66	0	72.1	39	139	0	0		
2-Chlorophenol	2.54	0.067	3.33	0	76.3	23	134	0	0		
4-Chloro-3-methylphenol	2.51	0.067	3.33	0	75.4	22	147	0	0		
4-Nitrophenol	2.21	0.067	3.33	0	66.3	1	132	0	0		
Acenaphthene	1.32	0.067	1.66	0	79.5	47	145	0	0		
N-Nitrosodi-n-propylamine	1.17	0.067	1.66	0	70.7	1	230	0	0		
Pentachlorophenol	1.95	0.10	3.33	0	58.5	14	176	0	0		
Phenol	2.26	0.067	3.33	0	68	5	112	0	0		
Pyrene	1.16	0.067	1.66	0	70.1	52	115	0	0		
Surr: 2,4,6-Tribromophenol	2.38	0	3.33	0	71.6	19	122	0	0		
Surr: 2-Fluorobiphenyl	1.06	0	1.66	0	64.1	30	115	0	0		
Surr: 2-Fluorophenol	2.1	0	3.33	0	63.1	25	121	0	0		
Surr: 4-Terphenyl-d14	1	0	1.66	0	60.2	18	137	0	0		
Surr: Nitrobenzene-d5	0.857	0	1.66	0	51.6	23	120	0	0		
Surr: Phenol-d5	2.14	0	3.33	0	64.3	24	113	0	0		

Sample ID: LCSD-6243	SampType: LCSD	TestCode: 06 8270 S	Units: mg/Kg	Prep Date: 9/23/03	Run ID: MANFREDD_030923B
Client ID: ZZZZZ	Batch ID: 6243	TestNo: EPA 8270C	(3550B)	Analysis Date: 9/23/03	SeqNo: 181510

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.08	0.067	1.66	0	65.1	44	142	1.1	1.53	20	
Dichlorobenzene	1.16	0.067	1.66	0	70.1	20	124	1.2	2.82	20	
Dinitrotoluene	1.18	0.067	1.66	0	70.9	39	139	1.2	1.69	20	
2-Chlorophenol	2.5	0.067	3.33	0	75	23	134	2.54	1.72	20	
4-Chloro-3-methylphenol	2.48	0.067	3.33	0	74.4	22	147	2.51	1.34	20	
4-Nitrophenol	2.09	0.067	3.33	0	62.9	1	132	2.21	5.27	20	
Acenaphthene	1.33	0.067	1.66	0	79.9	47	145	1.32	0.504	20	
N-Nitrosodi-n-propylamine	1.22	0.067	1.66	0	73.3	1	230	1.17	3.63	20	
Pentachlorophenol	2.07	0.10	3.33	0	62.3	14	176	1.95	6.30	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309229
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

ample ID: **0309194-01A DUP** SampType: **DUP** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/23/03** Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ** Batch ID: **6243** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/23/03** SeqNo: **181512**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
7,12-Dimethylbenz(a)anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Acenaphthene	ND	0.067	0	0	0	0	0	0	0	20	
Acenaphthylene	ND	0.067	0	0	0	0	0	0	0	20	
Acetophenone	ND	0.13	0	0	0	0	0	0	0	20	
alpha-Terpinol	ND	0.30	0	0	0	0	0	0	0	0	
Aniline	ND	0.067	0	0	0	0	0	0	0	20	
Anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Benz(a)anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(a)pyrene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(b)fluoranthene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(g,h,i)perylene	ND	0.067	0	0	0	0	0	0	0	20	
Benzo(k)fluoranthene	ND	0.067	0	0	0	0	0	0	0	20	
Benzyl alcohol	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-chloroethoxy)methane	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-chloroethyl)ether	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-chloroisopropyl)ether	ND	0.067	0	0	0	0	0	0	0	20	
Bis(2-ethylhexyl)phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Butyl benzyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Carbazole	ND	0.13	0	0	0	0	0	0	0	20	
Chrysene	ND	0.067	0	0	0	0	0	0	0	20	
Di-n-butyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Di-n-octyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Dibenz(a,h)anthracene	ND	0.067	0	0	0	0	0	0	0	20	
Dibenzofuran	ND	0.067	0	0	0	0	0	0	0	20	
Diethyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Dimethyl phthalate	ND	0.067	0	0	0	0	0	0	0	20	
Ethyl methanesulfonate	ND	0.067	0	0	0	0	0	0	0	20	
Fluoranthene	ND	0.067	0	0	0	0	0	0	0	20	
Fluorene	ND	0.067	0	0	0	0	0	0	0	20	
Hexachlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Hexachlorobutadiene	ND	0.067	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Pinnacle Laboratories
Work Order: 0309229
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **0309194-01A DUP** SampType: **DUP** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/23/03** Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ** Batch ID: **6243** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/23/03** SeqNo: **181512**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4,5-Tetrachlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,2,4-Trichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,2-Dichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,2-Diphenylhydrazine	ND	0.067	0	0	0	0	0	0	0	20	
1,3-Dichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
1,4-Dichlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
2,3,4,6-Tetrachlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4,5-Trichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4,6-Trichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4-Dichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4-Dimethylphenol	ND	0.067	0	0	0	0	0	0	0	20	
2,4-Dinitrophenol	ND	0.67	0	0	0	0	0	0	0	20	
2,4-Dinitrotoluene	ND	0.067	0	0	0	0	0	0	0	20	
2,6-Dichlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2,6-Dinitrotoluene	ND	0.067	0	0	0	0	0	0	0	20	
2-Chloronaphthalene	ND	0.067	0	0	0	0	0	0	0	20	
2-Chlorophenol	ND	0.067	0	0	0	0	0	0	0	20	
2-Methylnaphthalene	ND	0.067	0	0	0	0	0	0	0	20	
2-Methylphenol	ND	0.067	0	0	0	0	0	0	0	20	
2-Nitroaniline	ND	0.067	0	0	0	0	0	0	0	20	
2-Nitrophenol	ND	0.067	0	0	0	0	0	0	0	20	
3&4-Methylphenol	ND	0.13	0	0	0	0	0	0	0	0	
3-Methylcholanthrene	ND	0.067	0	0	0	0	0	0	0	20	
Nitroaniline	ND	0.067	0	0	0	0	0	0	0	20	
Dinitro-2-methylphenol	ND	0.20	0	0	0	0	0	0	0	20	
-Aminobiphenyl	ND	0.10	0	0	0	0	0	0	0	20	
4-Bromophenyl phenyl ether	ND	0.067	0	0	0	0	0	0	0	20	
4-Chloro-3-methylphenol	ND	0.067	0	0	0	0	0	0	0	20	
4-Chlorophenyl phenyl ether	ND	0.067	0	0	0	0	0	0	0	20	
4-Nitroaniline	ND	0.067	0	0	0	0	0	0	0	20	
4-Nitrophenol	ND	0.067	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Pinnacle Laboratories
Work Order: 0309229
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

ample ID: CCV	SampType: CCV	TestCode: 06 8270 S	Units: mg/L	Prep Date:	Run ID: MANFREDD_030923B
Client ID: ZZZZZ	Batch ID: R15005	TestNo: EPA 8270C		Analysis Date: 9/23/03	SeqNo: 181507

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	48.4	0.067	50	0	96.8	80	120	0	0		
2,4,6-Trichlorophenol	48.3	0.067	50	0	96.6	80	120	0	0		
2,4-Dichlorophenol	49.6	0.067	50	0	99.2	80	120	0	0		
2-Nitrophenol	47.8	0.067	50	0	95.6	80	120	0	0		
4-Chloro-3-methylphenol	50.8	0.067	50	0	102	80	120	0	0		
Acenaphthene	46.7	0.067	50	0	93.4	80	120	0	0		
Benzo(a)pyrene	50.5	0.067	50	0	101	80	120	0	0		
Di-n-octyl phthalate	40.3	0.067	50	0	80.6	80	120	0	0		
Fluoranthene	44.6	0.067	50	0	89.2	80	120	0	0		
Hexachlorobutadiene	47.9	0.067	50	0	95.8	80	120	0	0		
N-Nitrosodiphenylamine	93.8	0.067	100	0	93.8	80	120	0	0		
Pentachlorophenol	43.4	0.10	50	0	86.8	80	120	0	0		
Phenol	40.6	0.067	50	0	81.2	80	120	0	0		
Surr: 2,4,6-Tribromophenol	49.6	0	50	0	99.2	80	120	0	0		
Surr: 2-Fluorobiphenyl	45.3	0	50	0	90.6	80	120	0	0		
Surr: 2-Fluorophenol	49	0	50	0	98	80	120	0	0		
Surr: 4-Terphenyl-d14	40	0	50	0	80	80	120	0	0		
Surr: Nitrobenzene-d5	46.9	0	50	0	93.8	80	120	0	0		
Surr: Phenol-d5	46.6	0	50	0	93.2	80	120	0	0		

Sample ID: CCV	SampType: CCV	TestCode: 06 8270 S	Units: mg/L	Prep Date:	Run ID: MANFREDD_030923B
Client ID: ZZZZZ	Batch ID: R15005	TestNo: EPA 8270C		Analysis Date: 9/25/03	SeqNo: 181515

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	48.9	0.067	50	0	97.8	80	120	0	0		
2,4,6-Trichlorophenol	48.2	0.067	50	0	96.4	80	120	0	0		
2,4-Dichlorophenol	52.2	0.067	50	0	104	80	120	0	0		
2-Nitrophenol	50.2	0.067	50	0	100	80	120	0	0		
4-Chloro-3-methylphenol	53.5	0.067	50	0	107	80	120	0	0		
Acenaphthene	44.7	0.067	50	0	89.4	80	120	0	0		
Benzo(a)pyrene	48.9	0.067	50	0	97.8	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309229
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: 0309194-01A DUP	SampType: DUP	TestCode: 06 8270 S	Units: mg/Kg	Prep Date: 9/23/03	Run ID: MANFREDD_030923B
Client ID: ZZZZZ	Batch ID: 6243	TestNo: EPA 8270C	(3550B)	Analysis Date: 9/23/03	SeqNo: 181512

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorocyclopentadiene	ND	0.20	0	0	0	0	0	0	0	20	
Hexachloroethane	ND	0.067	0	0	0	0	0	0	0	20	
Indeno(1,2,3-cd)pyrene	ND	0.067	0	0	0	0	0	0	0	20	
Isophorone	ND	0.067	0	0	0	0	0	0	0	20	
Methyl methanesulfonate	ND	0.067	0	0	0	0	0	0	0	20	
N-Decane	ND	0.067	0	0	0	0	0	0	0	20	
N-Nitroso-di-n-butylamine	ND	0.13	0	0	0	0	0	0	0	20	
N-Nitrosodi-n-propylamine	ND	0.067	0	0	0	0	0	0	0	20	
N-Nitrosodiphenylamine	ND	0.067	0	0	0	0	0	0	0	20	
N-Nitrosopiperidine	ND	0.067	0	0	0	0	0	0	0	20	
N-Octadecane	ND	0.067	0	0	0	0	0	0	0	20	
Naphthalene	ND	0.067	0	0	0	0	0	0	0	20	
Nitrobenzene	ND	0.067	0	0	0	0	0	0	0	20	
p-Aminoazobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Pentachlorobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Pentachloronitrobenzene	ND	0.067	0	0	0	0	0	0	0	20	
Pentachlorophenol	ND	0.10	0	0	0	0	0	0	0	20	
Phenacetin	ND	0.067	0	0	0	0	0	0	0	20	
Phenanthrene	ND	0.067	0	0	0	0	0	0	0	20	
Phenol	ND	0.067	0	0	0	0	0	0	0	20	
Pyrene	ND	0.067	0	0	0	0	0	0	0	20	
Pyridine	ND	0.067	0	0	0	0	0	0	0	20	
Surr: 2,4,6-Tribromophenol	1.75	0	3.33	0	52.6	19	122	0	0		
Surr: 2-Fluorobiphenyl	0.803	0	1.66	0	48.4	30	115	0	0		
Surr: 2-Fluorophenol	1.72	0	3.33	0	51.8	25	121	0	0		
Surr: 4-Terphenyl-d14	0.937	0	1.66	0	56.4	18	137	0	0		
Surr: Nitrobenzene-d5	0.66	0	1.66	0	39.8	23	120	0	0		
Surr: Phenol-d5	1.58	0	3.33	0	47.4	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

ENVIRONMENTAL SERVICES LABORATORY – GLOSSARY OF FLAGS

QUALIFIER	DESCRIPTION
AA	This sample was analyzed after the holding time had expired.
AB	The hydrocarbon pattern in this sample is not typical of gasoline.
AC	The hydrocarbon pattern in this sample is not typical of diesel.
AD	The hydrocarbon pattern in this sample is not typical of oil.
AE	The hydrocarbon pattern in this sample extends into the gasoline range.
AF	The hydrocarbon pattern in this sample extends into the diesel range.
AG	The hydrocarbon pattern in this sample extends into the oil range.
A	This analysis was performed on a VOA sample containing headspace.
B	Analyte detected in the Method Blank above the reporting level.
C	The Relative Percent Difference (RPD) for the primary result and confirmation result was greater than 40%. The higher result was reported.
D	The sample was supplied in an inappropriate container according to method criteria.
E	This value is above the quantitation limit. It is considered an estimate.
H	The Matrix Spike/Matrix Spike Duplicate (MS/MSD) result was outside control limits. The Laboratory Control Standard/Duplicate (LCS/LCSD) result was in control validating the batch.
J	The result is above the Method Detection Limit (MDL) and below the Reporting level (RL). It is considered an estimate.
M	The MS/MSD recoveries are not calculable due to a high amount of analyte in sample.
MI	This indicates a high level of matrix interference affecting the spike or surrogate recovery.
N	See case narrative.
O	Detection Limits are elevated due to sample dilution. See case narrative.
Q	Further inspection of the sample confirms a non-homogenous sample matrix affecting RPD result.
R	The RPD result is outside method control limits. See other qualifiers or case narrative.
S	The spike recovery is outside method control limits. See other qualifiers or case narrative.
T	The RPD between the sample result and duplicate result was greater than 20%. The original result was less than three times the reporting level, therefore the RPD is not applicable.
X	Unable to quantitate surrogate recovery due to sample dilution.

V:\Project Mngmnt\Misc\Flag Sheets.doc Revised 04/04/02 3:10 PMLeslie Rush

CLIENT: Pinnacle Laboratories
Work Order: 0309229
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **CCV** SampType: **CCV** TestCode: **06 8270 S** Units: **mg/L** Prep Date: Run ID: **MANFREDD_030923B**
Client ID: **ZZZZZ** Batch ID: **R15005** TestNo: **EPA 8270C** Analysis Date: **9/25/03** SeqNo: **181515**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Di-n-octyl phthalate	43.3	0.067	50	0	86.6	80	120	0	0		
Fluoranthene	42.1	0.067	50	0	84.2	80	120	0	0		
Hexachlorobutadiene	49	0.067	50	0	98	80	120	0	0		
N-Nitrosodiphenylamine	94.9	0.067	100	0	94.9	80	120	0	0		
Pentachlorophenol	40.9	0.10	50	0	81.8	80	120	0	0		
Phenol	40.5	0.067	50	0	81	80	120	0	0		
Surr: 2,4,6-Tribromophenol	49.4	0	50	0	98.8	80	120	0	0		
Surr: 2-Fluorobiphenyl	46	0	50	0	92	80	120	0	0		
Surr: 2-Fluorophenol	49	0	50	0	98	80	120	0	0		
Surr: 4-Terphenyl-d14	42.4	0	50	0	84.8	80	120	0	0		
Surr: Nitrobenzene-d5	48.9	0	50	0	97.8	80	120	0	0		
Surr: Phenol-d5	45.8	0	50	0	91.6	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

0309229

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

CHAIN OF CUSTODY RECORD
Date 9/23/03 Page 1 of 1

PLI # 309132

CLIENT BHATE ENVIRONMENTAL
ADDRESS 1641 VANDERGRIFT Rd. #1266
HOLLOMAN AFB NM 88330

PROJECT NAME LAND FARM

PROJECT MANAGER Jerry Pelfrey
PHONE NUMBER 505-679-2100
SAMPLERS (Signature) [signature]

Samples Intact Yes ___ No ___
County Seals Intact Yes ___ No ___
Sample Ambient ___ Cooled ☒ Frozen ___
Same Day ___ 24 Hr. ___
Regular ___ 48 Hr. ☒

	SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
01	LFB-2	LAND FARM	9/22/03	0753			/	2		EPA 8270/8260 Full/8015DRO
02	LFB-13		9/22/03	0744			/	2		
03	LFB-10		9/22/03	0747			/	2		
04	LFB-6		9/22/03	0750			/	2		

Relinquished by: (Signature) [signature] 9/23/03
Received by: (Signature) [signature] 9/24/03 Date/Time 11:00
Relinquished by: (Signature)
Received by Laboratory for analysis: (Signature) [signature] Date/Time 9/26/03 1015
Special Instructions: PLEASE FAX RESULTS TO 505-679-2148
FED EX # 842603293901
Rec'd 8260/8015 DRO @ 6.1°C from ES

I hereby authorize the performance of the above indicated work.
[signature]
DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

09/24/2003 16:42 FAX

0309229

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

CHAIN OF CUSTODY RECORD
Date 9/23/03 Page 1 of 1

CLIENT BHATE ENVIRONMENTAL
ADDRESS 1641 VANDERGRIFT Rd. #1266
HOLLOMAN AFB NM 88330

PROJECT NAME LAND FARM

PROJECT MANAGER Jerry Pelfrey
PHONE NUMBER 505-679-2100
SAMPLERS (Signature) [signature]

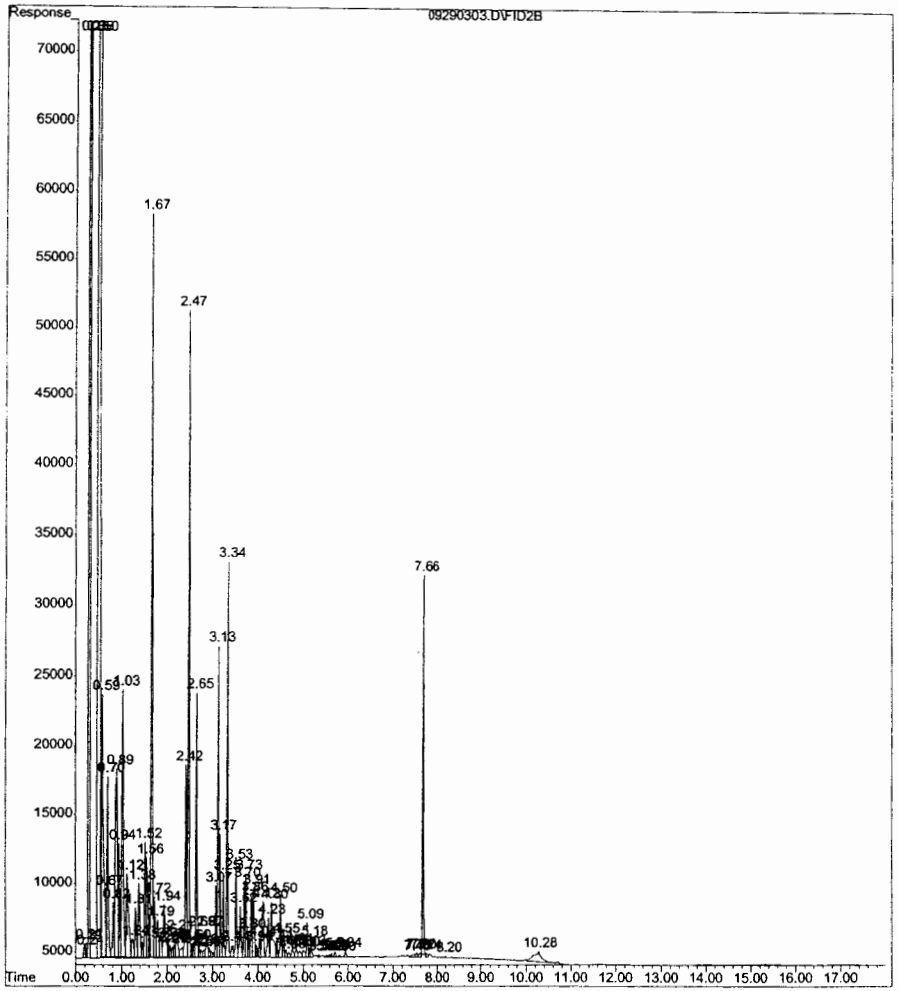
Samples Intact Yes ___ No ___
County Seals Intact Yes ___ No ___
Sample Ambient ___ Cooled ☒ Frozen ___
Same Day ___ 24 Hr. ___
Regular ___ 48 Hr. ☒

	SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
01	LFB-2	LAND FARM	9/22/03	0753			/	2		EPA 8270
02	LFB-13		9/22/03	0744			/	2		
03	LFB-10		9/22/03	0747			/	2		
04	LFB-6		9/22/03	0750			/	2		

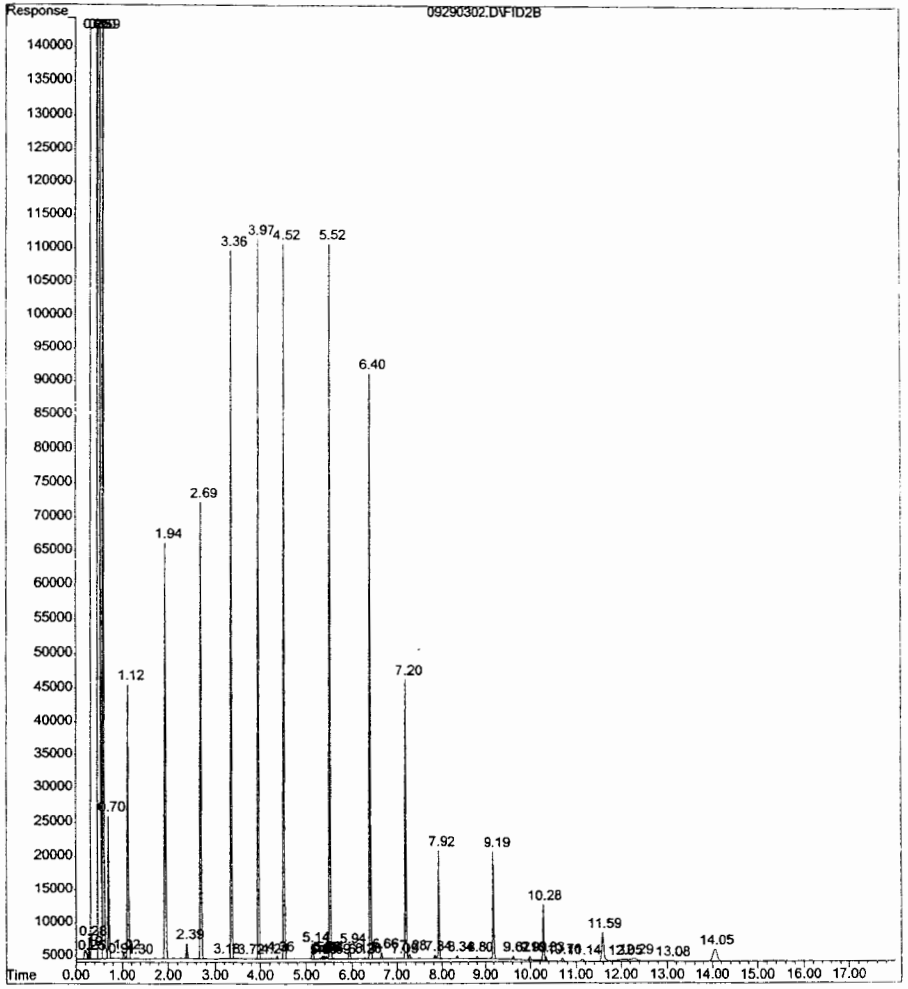
Relinquished by: (Signature) [signature] 9/23/03
Received by: (Signature) [signature] 9/24/03 Date/Time 11:00
Relinquished by: (Signature)
Received by Laboratory for analysis: (Signature) Date/Time
Special Instructions: PLEASE FAX RESULTS TO 505-679-2148
FED EX # 842603293901

I hereby authorize the performance of the above indicated work.
[signature]
DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

File : C:\HPCHEM\2\DATA\092903F\09290303.D
Operator : VP
Acquired : 29 Sep 2003 9:27 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: GRO CCV 200PPB
Misc Info : GC4-115-13
Vial Number: 3



File : C:\HPCHEM\2\DATA\092903F\09290302.D
Operator : VP
Acquired : 29 Sep 2003 8:59 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: RT STD
Misc Info : GC4-111-20
Vial Number: 2



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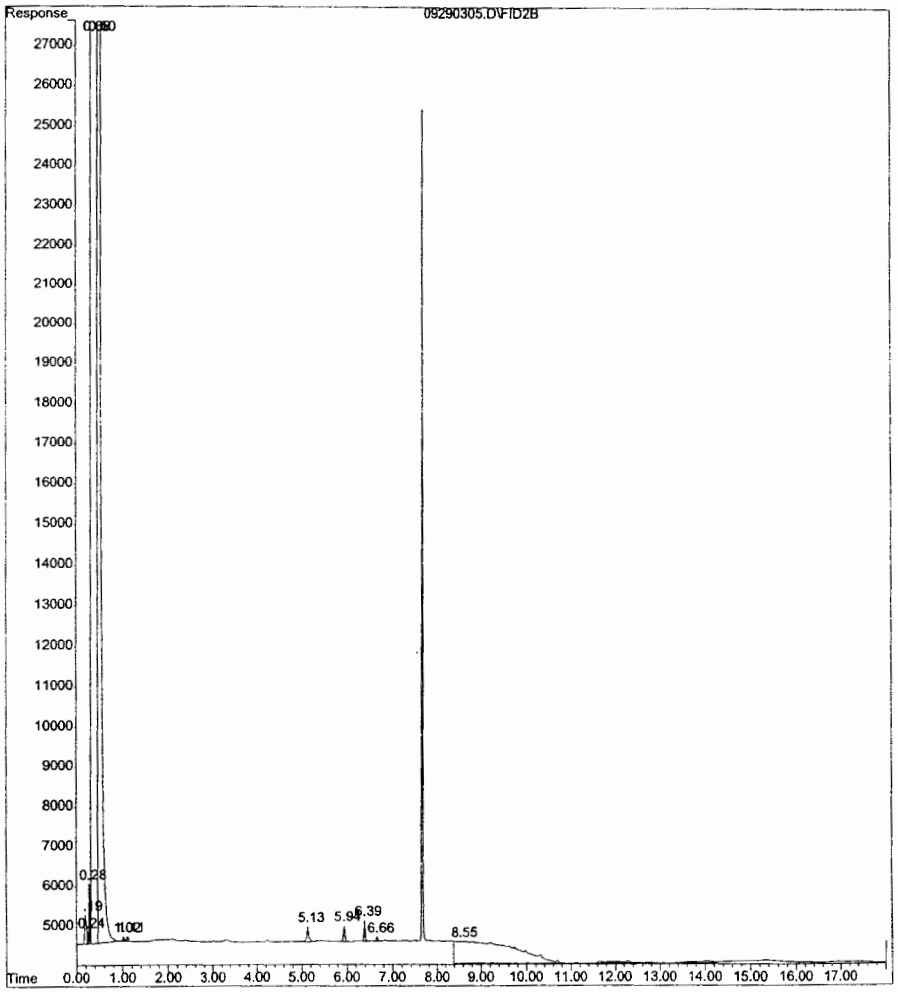
Operator : VP
Acquired : 29 Sep 2003 10:23 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: SRB0926
Misc Info : 10G/10ML 9/26
Vial Number: 5



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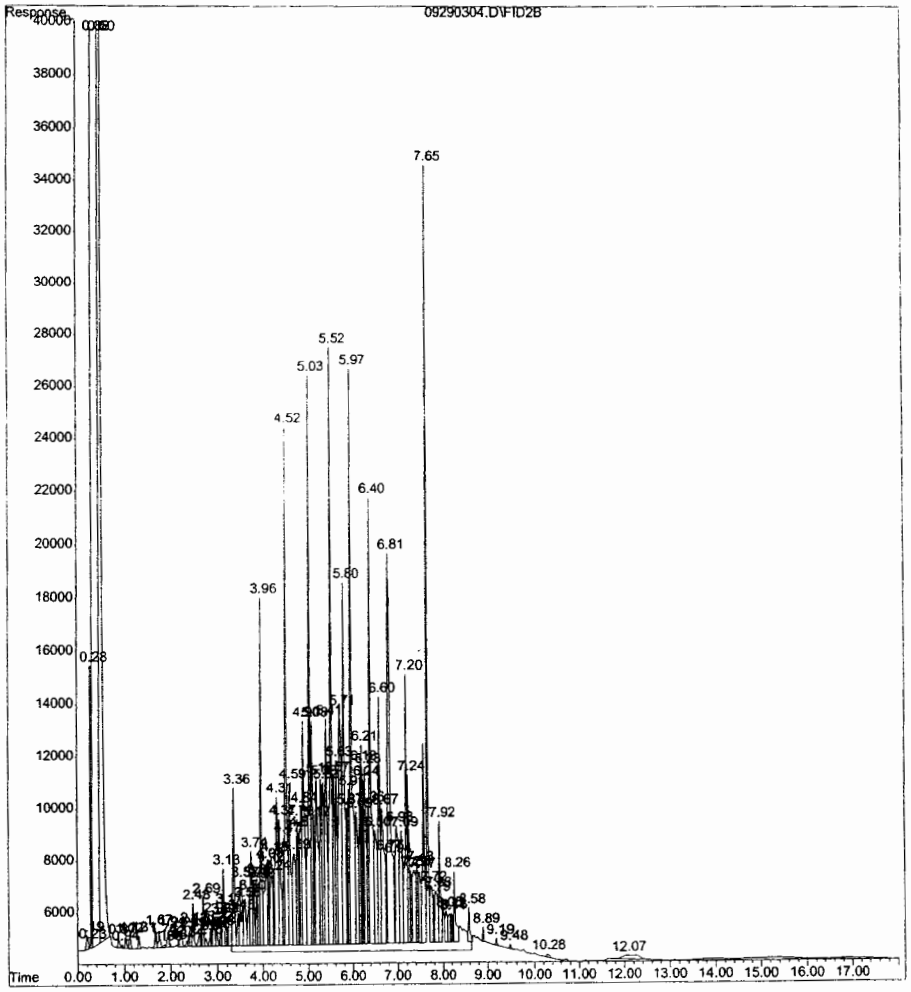
Operator : VP
Acquired : 29 Sep 2003 9:55 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: DRO CCV 200PPB
Misc Info : GC4-115-14
Vial Number: 4



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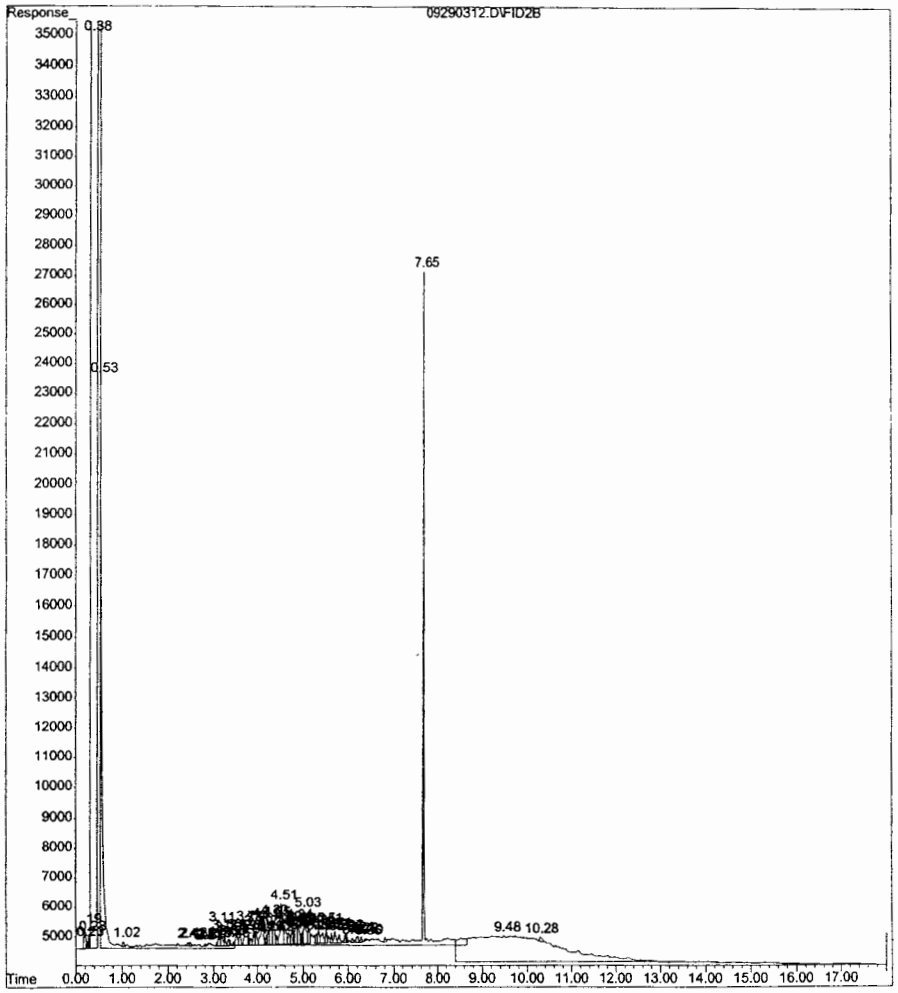
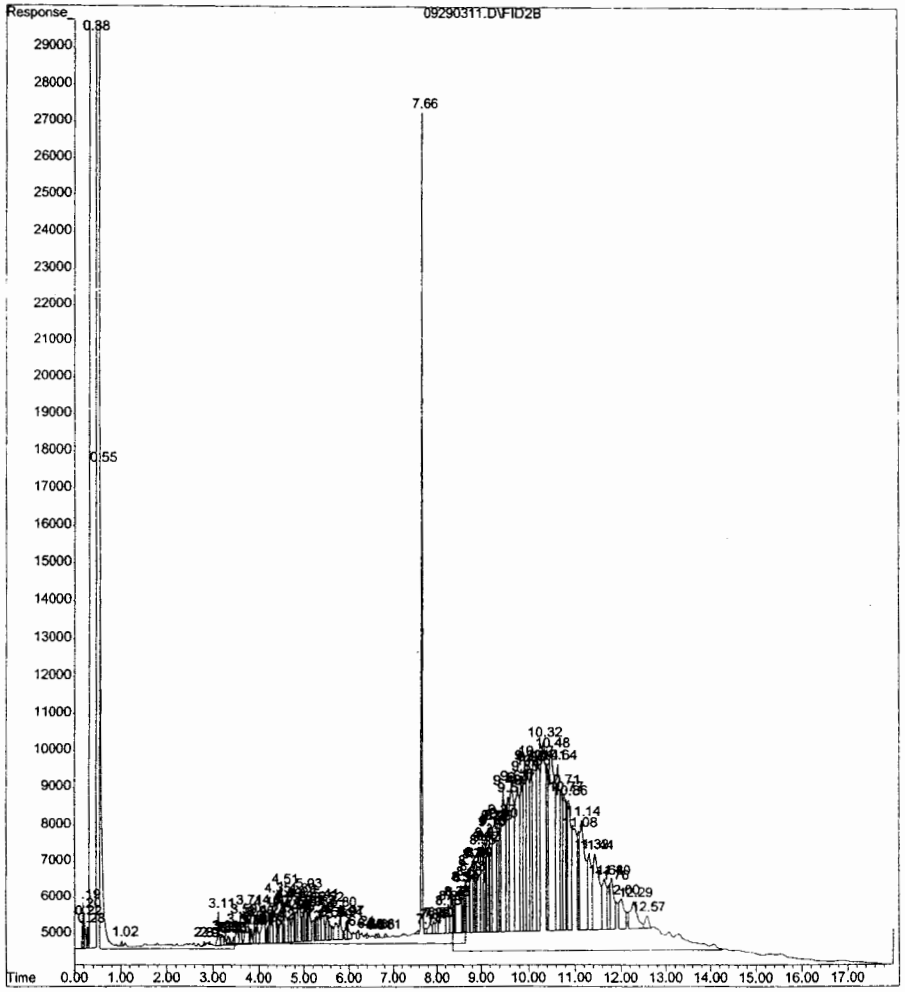
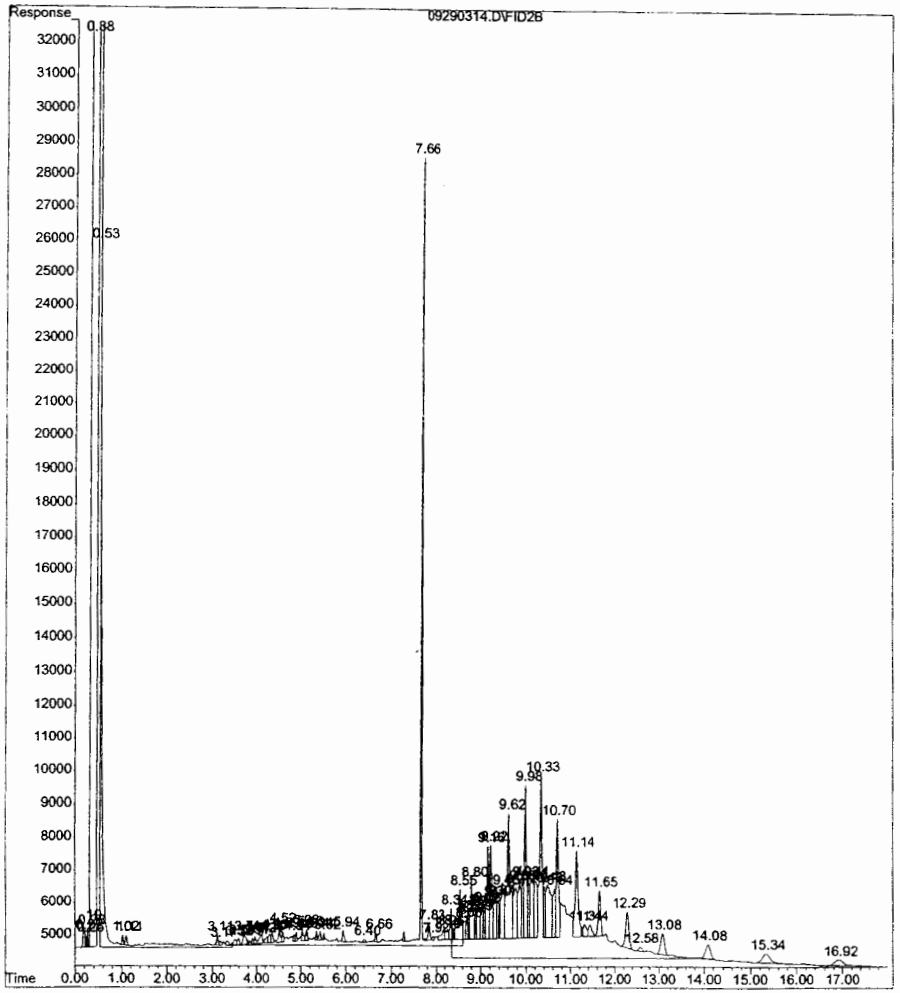
Operator : VP
Acquired : 29 Sep 2003 14:08 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309132-02
Misc Info : 10G/10ML 9/26
Vial Number: 12



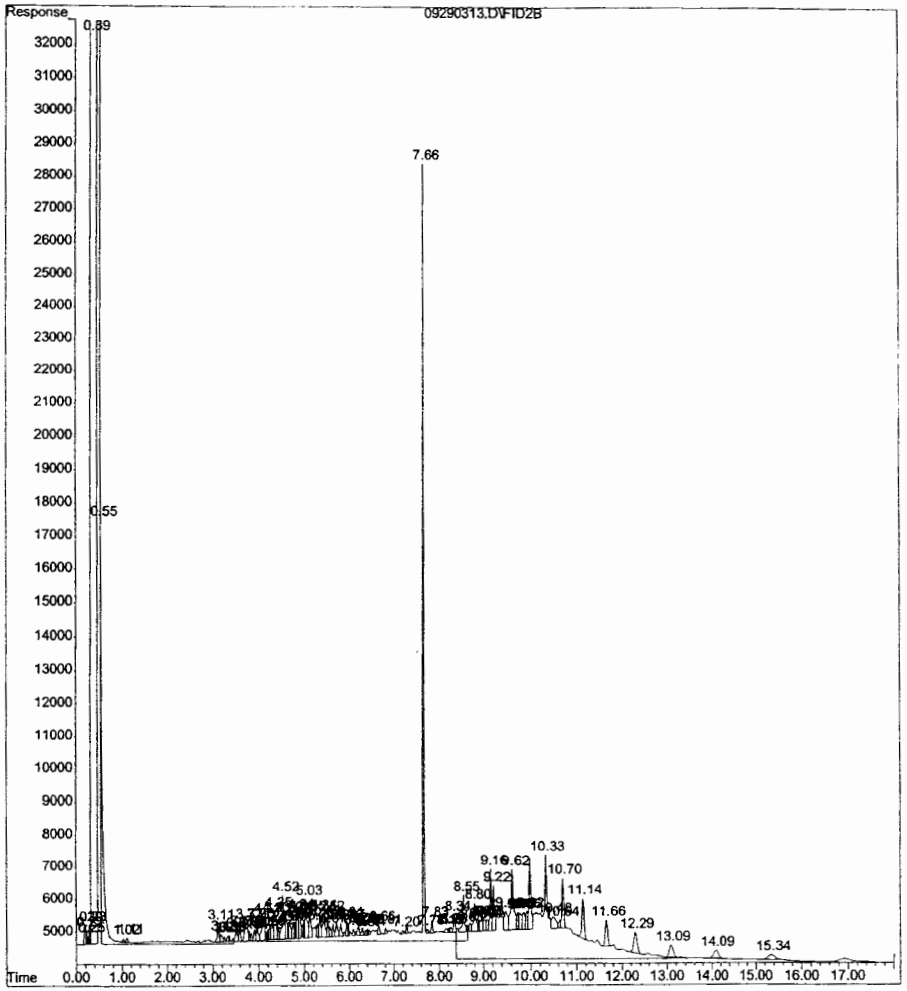
File : C:\HPCHEM\2\DATA\092903F\09290311.D
Operator : VP
Acquired : 29 Sep 2003 13:40 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309132-01
Misc Info : 10G/10ML 9/26
Vial Number: 11



File : C:\HPCHEM\2\DATA\092903F\09290314.D
Operator : VP
Acquired : 29 Sep 2003 17:31 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309132-04
Misc Info : 10G/10ML 9/26
Vial Number: 14



File : C:\HPCHEM\2\DATA\092903F\09290313.D
Operator : VP
Acquired : 29 Sep 2003 17:02 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309132-03
Misc Info : 10G/10ML 9/26
Vial Number: 13



Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT: Pinnacle Laboratories
Lab Order: 0309229
Project:
Lab ID: 0309229-04A

Client Sample ID: LFB-6
Tag Number:
Collection Date: 9/22/03
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/25/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/25/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/25/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Carbazole	ND	0.13		mg/Kg	1	9/25/03
Chrysene	ND	0.067		mg/Kg	1	9/25/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/25/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/25/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/25/03
Dimethyl phthalate	0.59	0.067		mg/Kg	1	9/25/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
Fluoranthene	ND	0.067		mg/Kg	1	9/25/03
Fluorene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/25/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/25/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/25/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/25/03
Isophorone	ND	0.067		mg/Kg	1	9/25/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/25/03
N-Decane	ND	0.067		mg/Kg	1	9/25/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/25/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/25/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/25/03
N-Octadecane	ND	0.067		mg/Kg	1	9/25/03
Naphthalene	ND	0.067		mg/Kg	1	9/25/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/25/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/25/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/25/03
Phenacetin	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *29-Sep-03*

CLIENT: Pinnacle Laboratories
Lab Order: 0309229
Project:
Lab ID: 0309229-04A

Client Sample ID: LFB-6
Tag Number:
Collection Date: 9/22/03
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/25/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/25/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/25/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/25/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/25/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/25/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/25/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/25/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/25/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/25/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/25/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/25/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/25/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/25/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/25/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/25/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/25/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthene	ND	0.067		mg/Kg	1	9/25/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/25/03
Acetophenone	ND	0.13		mg/Kg	1	9/25/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/25/03
Aniline	ND	0.067		mg/Kg	1	9/25/03
Anthracene	ND	0.067		mg/Kg	1	9/25/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/25/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/25/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Pinnacle Lab ID number **309083**
October 06, 2003

BHATE ENVIRONMENTAL ASSOCIATES
1641 VANDER GRIFT RD. BLDG. 1266
HOLLOMAN AFB, NM 88330

Project Name SS-17
Project Number 9030167.01.02

Attention: JERRY PELFREY

On 09/17/03 Pinnacle Laboratories Inc., (ADHS Lincense No. AZ0643), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
General Manager, Pinnacle Laboratories, Inc.

MR: jt

Enclosure

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-01	LFA-1	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	PINNACLE ID	: 309083
PROJECT #	: 9030167.01.02	DATE RECEIVED	: 09/17/03
PROJECT NAME	: SS-17	REPORT DATE	: 10/06/03

PINNACLE ID #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
309083 - 01	LFA-1	NON-AQ	09/15/03
309083 - 02	LFA-6	NON-AQ	09/15/03
309083 - 03	LFA-11	NON-AQ	09/15/03
309083 - 04	LFA-14	NON-AQ	09/15/03
309083 - 05	LFB-2	NON-AQ	09/15/03
309083 - 06	LFB-6	NON-AQ	09/15/03
309083 - 07	LFB-11	NON-AQ	09/15/03
309083 - 08	LFB-13	NON-AQ	09/15/03

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-02	LFA-6	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-01	LFA-1	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	101	(70 - 121)
Toluene-d8	106	(84 - 138)
Bromofluorobenzene	104	(59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-03	LFA-11	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-02	LFA-6	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	93	(70 - 121)
Toluene-d8	99	(84 - 138)
Bromofluorobenzene	99	(59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-04	LFA-14	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-03	LFA-11	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	**0.05**	**0.05**	**MG/KG**
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.12**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8)	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	97 (70 - 121)
Toluene-d8	104 (84 - 138)
Bromofluorobenzene	103 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-05	LFB-2	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL FACTOR
309083-04	LFA-14	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.07**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	104 (70 - 121)
Toluene-d8	104 (84 - 138)
Bromofluorobenzene	102 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-06	LFB-6	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-05	LFB-2	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	99 (70 - 121)
Toluene-d8	103 (84 - 138)
Bromofluorobenzene	100 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-07	LFB-11	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL FACTOR
309083-06	LFB-6	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY		
1,2-Dichloroethane-d4	93	(70 - 121)
Toluene-d8	98	(84 - 138)
Bromofluorobenzene	96	(59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-08	LFB-13	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG
Acetone (67-64-1)	0.50	< 0.50	MG/KG
Acrolein (107-02-8)	0.25	< 0.25	MG/KG
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG
Chloroform (67-66-3)	0.05	< 0.05	MG/KG
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG
Benzene (71-43-2)	0.05	< 0.05	MG/KG
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG
Toluene (108-88-3)	0.05	< 0.05	MG/KG
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-07	LFB-11	SOIL	09/15/03	09/17/03	09/18/03	1

PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.12**	**MG/KG**
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**0.06**	**MG/KG**
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	92 (70 - 121)
Toluene-d8	99 (84 - 138)
Bromofluorobenzene	98 (59 - 113)

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES		
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX		DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	091703	SOIL		09/17/03	09/18/03	1
PARAMETER	DET. LIMIT	RESULT	UNITS			
Dichlorodifluoromethane (75-71-8)	0.25	< 0.25	MG/KG			
Chloromethane (74-87-3)	0.25	< 0.25	MG/KG			
Vinyl Chloride (75-01-4)	0.25	< 0.25	MG/KG			
Bromomethane (74-83-9)	0.25	< 0.25	MG/KG			
Chloroethane (75-00-3)	0.25	< 0.25	MG/KG			
Trichlorofluoromethane (75-69-4)	0.25	< 0.25	MG/KG			
Acetone (67-64-1)	0.50	< 0.50	MG/KG			
Acrolein (107-02-8)	0.25	< 0.25	MG/KG			
1,1-Dichloroethene (75-35-4)	0.05	< 0.05	MG/KG			
Iodomethane (74-88-4)	0.25	< 0.25	MG/KG			
Methylene Chloride (75-09-2)	0.05	< 0.05	MG/KG			
Acrylonitrile (107-13-1)	0.25	< 0.25	MG/KG			
cis-1,2-Dichloroethene (156-59-2)	0.05	< 0.05	MG/KG			
Methyl-t-butyl Ether (1634-04-4)	0.05	< 0.05	MG/KG			
1,1,2-Trichlorotrifluoroethane (76-13-1)	0.25	< 0.25	MG/KG			
1,1-Dichloroethane (75-34-3)	0.05	< 0.05	MG/KG			
trans-1,2-Dichloroethene (156-60-5)	0.05	< 0.05	MG/KG			
2-Butanone (78-93-3)	0.50	< 0.50	MG/KG			
Carbon Disulfide (75-15-0)	0.05	< 0.05	MG/KG			
Bromochloromethane (74-97-5)	0.05	< 0.05	MG/KG			
Chloroform (67-66-3)	0.05	< 0.05	MG/KG			
2,2-Dichloropropane (594-20-7)	0.05	< 0.05	MG/KG			
1,2-Dichloroethane (107-06-2)	0.05	< 0.05	MG/KG			
Vinyl Acetate (108-05-4)	0.25	< 0.25	MG/KG			
1,1,1-Trichloroethane (71-55-6)	0.05	< 0.05	MG/KG			
1,1-Dichloropropene (563-58-6)	0.05	< 0.05	MG/KG			
Carbon Tetrachloride (56-23-5)	0.05	< 0.05	MG/KG			
Benzene (71-43-2)	0.05	< 0.05	MG/KG			
1,2-Dichloropropane (78-87-5)	0.05	< 0.05	MG/KG			
Trichloroethene (79-01-6)	0.05	< 0.05	MG/KG			
Bromodichloromethane (75-27-4)	0.05	< 0.05	MG/KG			
2-Chloroethyl Vinyl Ether (110-75-8)	0.50	< 0.50	MG/KG			
cis-1,3-Dichloropropene (10061-01-5)	0.05	< 0.05	MG/KG			
trans-1,3-Dichloropropene (10061-02-6	0.05	< 0.05	MG/KG			
1,1,2-Trichloroethane (79-00-5)	0.05	< 0.05	MG/KG			
1,3-Dichloropropane (142-28-9)	0.05	< 0.05	MG/KG			
Dibromomethane (74-95-3)	0.05	< 0.05	MG/KG			
Toluene (108-88-3)	0.05	< 0.05	MG/KG			
1,2-Dibromoethane (106-93-4)	0.05	< 0.05	MG/KG			
4-Methyl-2-Pentanone (108-10-1)	0.50	< 0.50	MG/KG			
2-Hexanone (591-78-6)	0.50	< 0.50	MG/KG			
Dibromochloromethane (124-48-1)	0.05	< 0.05	MG/KG			
Tetrachloroethene (127-18-4)	0.05	< 0.05	MG/KG			
Chlorobenzene (108-90-7)	0.05	< 0.05	MG/KG			

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE RECEIVED	: 09/17/03
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	CLIENT ID	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
309083-06	LFB-13	SOIL	09/15/03	09/17/03	09/18/03	1
PARAMETER (CAS#)	DET. LIMIT	RESULT	UNITS			
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG			
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG			
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG			
o-Xylene (95-47-6)	**0.05**	**0.16**	**MG/KG**			
Styrene (100-42-5)	0.05	< 0.05	MG/KG			
Bromoform (75-25-2)	0.05	< 0.05	MG/KG			
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG			
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG			
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG			
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG			
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG			
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG			
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG			
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG			
1,3,5-Trimethylbenzene (108-67-8)	**0.05**	**0.63**	**MG/KG**			
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG			
1,2,4-Trimethylbenzene (95-63-6)	**0.05**	**0.17**	**MG/KG**			
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG			
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG			
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG			
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG			
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG			
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG			
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG			
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG			
Naphthalene (91-20-3)	**0.15**	**0.93**	**MG/KG**			
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG			
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG			
2-Methyl Naphthalene (91-57-6)	**0.25**	**2.8**	**MG/KG**			
1-Methyl Naphthalene (90-12-0)	**0.25**	**1.6**	**MG/KG**			

SURROGATE % RECOVERY

1,2-Dichloroethane-d4	96 (70 - 121)
Toluene-d8	106 (84 - 138)
Bromofluorobenzene	105 (59 - 113)

LABORATORY CONTROL SPIKE RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
BATCH	: 091703	DATE ANALYZED	: 09/18/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	UNITS	: mg/kg (PPM)
PROJECT #	: 9030167.01.02	MATRIX	: SOIL
PROJECT NAME	: SS-17	INSTRUMENT	: GCMS2
		ANALYST	: DSR

COMPOUND	SPIKE ADDED	LCS RESULT	LCS % RECOVERY	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	2.50	2.40	96	59-172
BENZENE	2.50	2.49	100	66-142
TRICHLOROETHENE	2.50	2.48	99	62-137
TOLUENE	2.50	2.52	101	59-139
CHLOROBENZENE	2.50	2.53	101	60-133

GC/MS RESULTS

TEST	: VOLATILE ORGANICS EPA METHOD 8260B	PINNACLE I.D.	: 309083
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES		
PROJECT #	: 9030167.01.02	INSTRUMENT	: GCMS2
PROJECT NAME	: SS-17	ANALYST	: DSR

SAMPLE ID #	BATCH	MATRIX	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
EXTRACTION BLANK	091703	SOIL	09/17/03	09/18/03	1

PARAMETER	DET. LIMIT	RESULT	UNITS
Ethylbenzene (100-41-4)	0.05	< 0.05	MG/KG
1,1,1,2-Tetrachloroethane (630-20-6)	0.05	< 0.05	MG/KG
m&p Xylenes (108-38-3, 106-42-3)	0.05	< 0.05	MG/KG
o-Xylene (95-47-6)	0.05	< 0.05	MG/KG
Styrene (100-42-5)	0.05	< 0.05	MG/KG
Bromoform (75-25-2)	0.05	< 0.05	MG/KG
1,1,2,2-Tetrachloroethane (79-34-5)	0.10	< 0.10	MG/KG
1,2,3-Trichloropropane (96-18-4)	0.10	< 0.10	MG/KG
Isopropyl Benzene (98-82-8)	0.05	< 0.05	MG/KG
Bromobenzene (108-86-1)	0.05	< 0.05	MG/KG
trans-1,4-Dichloro-2-Butene (110-57-6)	0.10	< 0.10	MG/KG
n-Propylbenzene (103-65-1)	0.05	< 0.05	MG/KG
2-Chlorotoluene (95-49-8)	0.05	< 0.05	MG/KG
4-Chlorotoluene (106-43-4)	0.05	< 0.05	MG/KG
1,3,5-Trimethylbenzene (108-67-8)	0.05	< 0.05	MG/KG
tert-Butylbenzene (98-06-6)	0.05	< 0.05	MG/KG
1,2,4-Trimethylbenzene (95-63-6)	0.05	< 0.05	MG/KG
sec-Butylbenzene (135-98-8)	0.05	< 0.05	MG/KG
1,3-Dichlorobenzene (541-73-1)	0.05	< 0.05	MG/KG
1,4-Dichlorobenzene (106-46-7)	0.05	< 0.05	MG/KG
p-Isopropyltoluene (99-87-6)	0.05	< 0.05	MG/KG
1,2-Dichlorobenzene (95-50-1)	0.05	< 0.05	MG/KG
n-Butylbenzene (104-51-8)	0.05	< 0.05	MG/KG
1,2-Dibromo-3-chloropropane (96-12-8	0.25	< 0.25	MG/KG
1,2,4-Trichlorobenzene (120-82-1)	0.10	< 0.10	MG/KG
Naphthalene (91-20-3)	0.15	< 0.15	MG/KG
Hexachlorobutadiene (87-68-3)	0.10	< 0.10	MG/KG
1,2,3-Trichlorobenzene (87-61-6)	0.10	< 0.10	MG/KG
2-Methyl Naphthalene (91-57-6)	0.25	< 0.25	MG/KG
1-Methyl Naphthalene (90-12-0)	0.25	< 0.25	MG/KG

SURROGATE % RECOVERY	
1,2-Dichloroethane-d4	101 (70 - 121)
Toluene-d8	105 (84 - 138)
Bromofluorobenzene	103 (59 - 113)

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : BHATE ENVIRONMENTAL ASSOCIATES
PROJECT # : 9030167.01.02
PROJECT NAME : SS-17

PINNACLE I.D. : 309083
ANALYST : VP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	LFA-1	NON-AQ	09/15/03	09/17/03	09/20/03	1
02	LFA-6	NON-AQ	09/15/03	09/17/03	09/19/03	1
03	LFA-11	NON-AQ	09/15/03	09/17/03	09/19/03	1

PARAMETER	DET. LIMIT	UNITS	LFA-1	LFA-6	LFA-11
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C10-C22	10	**MG/KG**	< 10	< 10	**15**
FUEL HYDROCARBONS, C22-C36	10	**MG/KG**	**12**	**49**	< 10
CALCULATED SUM:			**12**	**49**	**15**
SURROGATE:					
O-TERPHENYL (%)			105	104	101
SURROGATE LIMITS	(70-130)				

CHEMIST NOTES:
N/A

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

TEST : VOLATILE ORGANICS EPA METHOD 8260B
SPIKED SAMPLE : 309083-01
CLIENT : BHATE ENVIRONMENTAL ASSOCIATES
PROJECT # : 9030167.01.02
PROJECT NAME : SS-17

PINNACLE I.D. : 309083
DATE ANALYZED : 09/18/03
UNITS : mg/kg (PPM)
MATRIX : SOIL
INSTRUMENT : GCMS2
ANALYST : DSR

COMPOUND	SAMPLE CONC.	SPIKE ADDED	MS RESULT	MSD RESULT	MS %REC	MSD %REC	RPD	QC LIMITS RPD	QC LIMITS %RECOVERY
1,1-DICHLOROETHENE	<0.05	2.50	2.24	2.31	90	92	3	22	59-172
BENZENE	<0.05	2.50	2.37	2.38	95	95	0	21	66-142
TRICHLOROETHENE	<0.05	2.50	2.38	2.38	95	95	0	24	62-137
TOLUENE	<0.05	2.50	2.42	2.40	97	96	1	21	59-139
CHLOROBENZENE	<0.05	2.50	2.37	2.38	95	95	0	21	60-133

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : BHATE ENVIRONMENTAL ASSOCIATES
PROJECT # : 9030167.01.02
PROJECT NAME : SS-17
PINNACLE I.D. : 309083
ANALYST : VP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
07	LFB-11	NON-AQ	09/15/03	09/17/03	09/19/03	1
08	LFB-13	NON-AQ	09/15/03	09/17/03	09/22/03	1

PARAMETER	DET. LIMIT	UNITS	LFB-11	LFB-13
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10
FUEL HYDROCARBONS, C10-C22	10	**MG/KG**	**10**	**88**
FUEL HYDROCARBONS, C22-C36	10	**MG/KG**	**12**	< 10
CALCULATED SUM:			**22**	**88**
SURROGATE:				
O-TERPHENYL (%)			88	98
SURROGATE LIMITS	(70-130)			

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : BHATE ENVIRONMENTAL ASSOCIATES
PROJECT # : 9030167.01.02
PROJECT NAME : SS-17
PINNACLE I.D. : 309083
ANALYST : VP

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	LFA-14	NON-AQ	09/15/03	09/17/03	09/19/03	1
05	LFB-2	NON-AQ	09/15/03	09/17/03	09/19/03	1
06	LFB-6	NON-AQ	09/15/03	09/17/03	09/19/03	1

PARAMETER	DET. LIMIT	UNITS	LFA-14	LFB-2	LFB-6
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C10-C22	10	**MG/KG**	**19**	< 10	< 10
FUEL HYDROCARBONS, C22-C36	10	**MG/KG**	**13**	< 10	< 10
CALCULATED SUM:			**32**		
SURROGATE:					
O-TERPHENYL (%)			110	106	96
SURROGATE LIMITS	(70-130)				

CHEMIST NOTES:
N/A

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309083
LCS/LCSD #	: 091703	DATE EXTRACTED	: 09/17/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE ANALYZED	: 09/19/03
PROJECT #	: 9030167.01.02	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: SS-17	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	192	96	186	93	3	(70-130)	20

CHEMIST NOTES:
N/A

$$\frac{\text{(Spike Sample Result - Sample Result)}}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{\text{(Sample Result - Duplicate Result)}}{\text{Average Result}} \times 100$$

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309083
BLANK I.D.	: 091703	DATE EXTRACTED	: 09/17/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATE:	DATE ANALYZED	: 09/19/03
PROJECT #	: 9030167.01.02	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: SS-17	ANALYST	: VP

PARAMETER	UNITS	
FUEL HYDROCARBONS, C6-C10	MG/KG	< 10
FUEL HYDROCARBONS, C10-C22	MG/KG	< 10
FUEL HYDROCARBONS, C22-C36	MG/KG	< 10

SURROGATE:
O-TERPHENYL (%) 105
SURROGATE LIMITS (70-130)

CHEMIST NOTES:
N/A

Environmental Services Laboratory, Inc.

E S L

17400 SW Upper Boones Ferry Road, Suite 270 • Portland, OR 97224 • (503) 670-8520

October 01, 2003

Jacinta A. Tenorio
Pinnacle Laboratories
2709-D Pan American Fwy NE
Albuquerque, NM 87107

TEL: 505 344-3777
FAX (505) 344-4413

RE: 309083/LANDFARM

Order No.: 0309160

Dear Jacinta A. Tenorio:

Environmental Services Laboratory received 8 samples on 9/18/03 for the analyses presented in the following report.

There were no analytical problems encountered and all analytical data met requirements established under NELAC protocol or laboratory specifications except where noted in a Case Narrative. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety, without the written approval of the laboratory. The following checked data sections are included in this report.

✓Base Sample Report ✓Method Blank Report ✓Sample Duplicate Report ✓Matrix Spike/Matrix Spike Duplicate Report ✓Laboratory Control Spike/Spike Duplicate Report ✓Continuing Calibration Verification Report __Initial Calibration Verification Report

If you have any questions regarding these tests results, please feel free to call.

Project Manager

Technical Review

ANALYTICAL SERVICES FOR THE ENVIRONMENT

GAS CHROMATOGRAPHY QUALITY CONTROL
MSMSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 309083
MSMSD #	: 309083-01	DATE EXTRACTED	: 09/17/03
CLIENT	: BHATE ENVIRONMENTAL ASSOCIATES	DATE ANALYZED	: 09/20/03
PROJECT #	: 9030167.01.02	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: SS-17	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	188	94	181	91	4	(70-130)	20

CHEMIST NOTES:
N/A

$$\frac{\text{(Spike Sample Result - Sample Result)}}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{\text{(Sample Result - Duplicate Result)}}{\text{Average Result}} \times 100$$

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-1
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/22/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/22/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Carbazole	ND	0.13		mg/Kg	1	9/22/03
Chrysene	ND	0.067		mg/Kg	1	9/22/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/22/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/22/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
Fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Fluorene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/22/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/22/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/22/03
Isophorone	ND	0.067		mg/Kg	1	9/22/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
N-Decane	ND	0.067		mg/Kg	1	9/22/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/22/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/22/03
N-Octadecane	ND	0.067		mg/Kg	1	9/22/03
Naphthalene	ND	0.067		mg/Kg	1	9/22/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/22/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/22/03
Phenacelin	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-1
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/22/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/22/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/22/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/22/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/22/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/22/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/22/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/22/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/22/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/22/03
Acetophenone	ND	0.13		mg/Kg	1	9/22/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/22/03
Aniline	ND	0.067		mg/Kg	1	9/22/03
Anthracene	ND	0.067		mg/Kg	1	9/22/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-6
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/22/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/22/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/22/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/22/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/22/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/22/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/22/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/22/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/22/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/22/03
Acetophenone	ND	0.13		mg/Kg	1	9/22/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/22/03
Aniline	ND	0.067		mg/Kg	1	9/22/03
Anthracene	ND	0.067		mg/Kg	1	9/22/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-1
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/22/03
Phenol	ND	0.067		mg/Kg	1	9/22/03
Pyrene	ND	0.067		mg/Kg	1	9/22/03
Pyridine	ND	0.067		mg/Kg	1	9/22/03
Surr: 2,4,6-Tribromophenol	67.0	19-122		%REC	1	9/22/03
Surr: 2-Fluorobiphenyl	68.3	30-115		%REC	1	9/22/03
Surr: 2-Fluorophenol	55.6	25-121		%REC	1	9/22/03
Surr: 4-Terphenyl-d14	67.9	18-137		%REC	1	9/22/03
Surr: Nitrobenzene-d5	56.6	23-120		%REC	1	9/22/03
Surr: Phenol-d5	41.0	24-113		%REC	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-6
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Phenanthrene	ND	0.067		mg/Kg	1	9/22/03
Phenol	ND	0.067		mg/Kg	1	9/22/03
Pyrene	ND	0.067		mg/Kg	1	9/22/03
Pyridine	ND	0.067		mg/Kg	1	9/22/03
Surr: 2,4,6-Tribromophenol	56.8	19-122		%REC	1	9/22/03
Surr: 2-Fluorobiphenyl	54.8	30-115		%REC	1	9/22/03
Surr: 2-Fluorophenol	42.1	25-121		%REC	1	9/22/03
Surr: 4-Terphenyl-d14	56.8	18-137		%REC	1	9/22/03
Surr: Nitrobenzene-d5	45.8	23-120		%REC	1	9/22/03
Surr: Phenol-d5	25.4	24-113		%REC	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-6
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/22/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/22/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Carbazole	ND	0.13		mg/Kg	1	9/22/03
Chrysene	ND	0.067		mg/Kg	1	9/22/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/22/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/22/03
Diethyl phthalate	0.25	0.067		mg/Kg	1	9/22/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
Fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Fluorene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/22/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/22/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/22/03
Isophorone	ND	0.067		mg/Kg	1	9/22/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
N-Decane	ND	0.067		mg/Kg	1	9/22/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/22/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/22/03
N-Octadecane	ND	0.067		mg/Kg	1	9/22/03
Naphthalene	ND	0.067		mg/Kg	1	9/22/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/22/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/22/03
Phenacetin	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-11
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/22/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/22/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Carbazole	ND	0.13		mg/Kg	1	9/22/03
Chrysene	ND	0.067		mg/Kg	1	9/22/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/22/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/22/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
Fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Fluorene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/22/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/22/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/22/03
Isophorone	ND	0.067		mg/Kg	1	9/22/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
N-Decane	ND	0.067		mg/Kg	1	9/22/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/22/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/22/03
N-Octadecane	ND	0.067		mg/Kg	1	9/22/03
Naphthalene	ND	0.067		mg/Kg	1	9/22/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/22/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/22/03
Phenacetin	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-11
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/22/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/22/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/22/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/22/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/22/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/22/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/22/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/22/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/22/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/22/03
Acetophenone	ND	0.13		mg/Kg	1	9/22/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/22/03
Aniline	ND	0.067		mg/Kg	1	9/22/03
Anthracene	ND	0.067		mg/Kg	1	9/22/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-14
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/22/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/22/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/22/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/22/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/22/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/22/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/22/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/22/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/22/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/22/03
Acetophenone	ND	0.13		mg/Kg	1	9/22/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/22/03
Aniline	ND	0.067		mg/Kg	1	9/22/03
Anthracene	ND	0.067		mg/Kg	1	9/22/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-11
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/22/03
Phenol	ND	0.067		mg/Kg	1	9/22/03
Pyrene	ND	0.067		mg/Kg	1	9/22/03
Pyridine	ND	0.067		mg/Kg	1	9/22/03
Surr: 2,4,6-Tribromophenol	63.4	19-122		%REC	1	9/22/03
Surr: 2-Fluorobiphenyl	62.2	30-115		%REC	1	9/22/03
Surr: 2-Fluorophenol	45.4	25-121		%REC	1	9/22/03
Surr: 4-Terphenyl-d14	59.2	18-137		%REC	1	9/22/03
Surr: Nitrobenzene-d5	50.2	23-120		%REC	1	9/22/03
Surr: Phenol-d5	28.1	24-113		%REC	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-14
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Phenanthrene	ND	0.067		mg/Kg	1	9/22/03
Phenol	ND	0.067		mg/Kg	1	9/22/03
Pyrene	ND	0.067		mg/Kg	1	9/22/03
Pyridine	ND	0.067		mg/Kg	1	9/22/03
Surr: 2,4,6-Tribromophenol	64.9	19-122		%REC	1	9/22/03
Surr: 2-Fluorobiphenyl	62.2	30-115		%REC	1	9/22/03
Surr: 2-Fluorophenol	44.0	25-121		%REC	1	9/22/03
Surr: 4-Terphenyl-d14	64.7	18-137		%REC	1	9/22/03
Surr: Nitrobenzene-d5	49.8	23-120		%REC	1	9/22/03
Surr: Phenol-d5	26.9	24-113		%REC	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFA-14
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/22/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/22/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Carbazole	ND	0.13		mg/Kg	1	9/22/03
Chrysene	ND	0.067		mg/Kg	1	9/22/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/22/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/22/03
Diethyl phthalate	0.13	0.067		mg/Kg	1	9/22/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
Fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Fluorene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/22/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/22/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/22/03
Isophorone	ND	0.067		mg/Kg	1	9/22/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
N-Decane	ND	0.067		mg/Kg	1	9/22/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/22/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/22/03
N-Octadecane	ND	0.067		mg/Kg	1	9/22/03
Naphthalene	ND	0.067		mg/Kg	1	9/22/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/22/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/22/03
Phenacetin	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-2
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/22/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-ethylhexyl)phthalate	0.18	0.067		mg/Kg	1	9/22/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Carbazole	ND	0.13		mg/Kg	1	9/22/03
Chrysene	ND	0.067		mg/Kg	1	9/22/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/22/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/22/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
Fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Fluorene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/22/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/22/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/22/03
Isophorone	ND	0.067		mg/Kg	1	9/22/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
N-Decane	ND	0.067		mg/Kg	1	9/22/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/22/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/22/03
N-Octadecane	ND	0.067		mg/Kg	1	9/22/03
Naphthalene	ND	0.067		mg/Kg	1	9/22/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/22/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/22/03
Phenacetin	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-2
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/22/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/22/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/22/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/22/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/22/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/22/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/22/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/22/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/22/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/22/03
Acetophenone	ND	0.13		mg/Kg	1	9/22/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/22/03
Aniline	ND	0.067		mg/Kg	1	9/22/03
Anthracene	ND	0.067		mg/Kg	1	9/22/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-6
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/22/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/22/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/22/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/22/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/22/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/22/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/22/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/22/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/22/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/22/03
Acetophenone	ND	0.13		mg/Kg	1	9/22/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/22/03
Aniline	ND	0.067		mg/Kg	1	9/22/03
Anthracene	ND	0.067		mg/Kg	1	9/22/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-2
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/22/03
Phenol	ND	0.067		mg/Kg	1	9/22/03
Pyrene	ND	0.067		mg/Kg	1	9/22/03
Pyridine	ND	0.067		mg/Kg	1	9/22/03
Surr: 2,4,6-Tribromophenol	64.2	19-122		%REC	1	9/22/03
Surr: 2-Fluorobiphenyl	63.9	30-115		%REC	1	9/22/03
Surr: 2-Fluorophenol	46.3	25-121		%REC	1	9/22/03
Surr: 4-Terphenyl-d14	65.9	18-137		%REC	1	9/22/03
Surr: Nitrobenzene-d5	53.2	23-120		%REC	1	9/22/03
Surr: Phenol-d5	28.6	24-113		%REC	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-6
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Phenanthrene	ND	0.067		mg/Kg	1	9/22/03
Phenol	ND	0.067		mg/Kg	1	9/22/03
Pyrene	ND	0.067		mg/Kg	1	9/22/03
Pyridine	ND	0.067		mg/Kg	1	9/22/03
Surr: 2,4,6-Tribromophenol	60.5	19-122		%REC	1	9/22/03
Surr: 2-Fluorobiphenyl	54.6	30-115		%REC	1	9/22/03
Surr: 2-Fluorophenol	42.5	25-121		%REC	1	9/22/03
Surr: 4-Terphenyl-d14	61.2	18-137		%REC	1	9/22/03
Surr: Nitrobenzene-d5	43.6	23-120		%REC	1	9/22/03
Surr: Phenol-d5	27.7	24-113		%REC	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-6
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: **rlr**
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/22/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/22/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Carbazole	ND	0.13		mg/Kg	1	9/22/03
Chrysene	ND	0.067		mg/Kg	1	9/22/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/22/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/22/03
Diethyl phthalate	0.72	0.067		mg/Kg	1	9/22/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
Fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Fluorene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/22/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/22/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/22/03
Isophorone	ND	0.067		mg/Kg	1	9/22/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
N-Decane	ND	0.067		mg/Kg	1	9/22/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/22/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/22/03
N-Octadecane	ND	0.067		mg/Kg	1	9/22/03
Naphthalene	ND	0.067		mg/Kg	1	9/22/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/22/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/22/03
Phenacetin	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-11
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/22/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-ethylhexyl)phthalate	ND	0.067		mg/Kg	1	9/22/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Carbazole	ND	0.13		mg/Kg	1	9/22/03
Chrysene	ND	0.067		mg/Kg	1	9/22/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/22/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/22/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
Fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Fluorene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/22/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/22/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/22/03
Isophorone	ND	0.067		mg/Kg	1	9/22/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
N-Decane	0.079	0.067		mg/Kg	1	9/22/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/22/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/22/03
N-Octadecane	ND	0.067		mg/Kg	1	9/22/03
Naphthalene	ND	0.067		mg/Kg	1	9/22/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/22/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/22/03
Phenacetin	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-11
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/22/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/22/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/22/03
2-Methylnaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/22/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/22/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/22/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/22/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/22/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/22/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/22/03
Acetophenone	ND	0.13		mg/Kg	1	9/22/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/22/03
Aniline	ND	0.067		mg/Kg	1	9/22/03
Anthracene	ND	0.067		mg/Kg	1	9/22/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-13
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-08A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
1,2,4,5-Tetrachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2,4-Trichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,2-Diphenylhydrazine	ND	0.067		mg/Kg	1	9/22/03
1,3-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
1,4-Dichlorobenzene	ND	0.067		mg/Kg	1	9/22/03
2,3,4,6-Tetrachlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,5-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4,6-Trichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dimethylphenol	ND	0.067		mg/Kg	1	9/22/03
2,4-Dinitrophenol	ND	0.67		mg/Kg	1	9/22/03
2,4-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2,6-Dichlorophenol	ND	0.067		mg/Kg	1	9/22/03
2,6-Dinitrotoluene	ND	0.067		mg/Kg	1	9/22/03
2-Chloronaphthalene	ND	0.067		mg/Kg	1	9/22/03
2-Chlorophenol	ND	0.067		mg/Kg	1	9/22/03
2-Methylnaphthalene	1.6	0 067		mg/Kg	1	9/22/03
2-Methylphenol	ND	0.067		mg/Kg	1	9/22/03
2-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
2-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
3&4-Methylphenol	ND	0.13		mg/Kg	1	9/22/03
3-Methylcholanthrene	ND	0.067		mg/Kg	1	9/22/03
3-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4,6-Dinitro-2-methylphenol	ND	0.20		mg/Kg	1	9/22/03
4-Aminobiphenyl	ND	0.10		mg/Kg	1	9/22/03
4-Bromophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Chloro-3-methylphenol	ND	0.067		mg/Kg	1	9/22/03
4-Chlorophenyl phenyl ether	ND	0.067		mg/Kg	1	9/22/03
4-Nitroaniline	ND	0.067		mg/Kg	1	9/22/03
4-Nitrophenol	ND	0.067		mg/Kg	1	9/22/03
7,12-Dimethylbenz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthene	ND	0.067		mg/Kg	1	9/22/03
Acenaphthylene	ND	0.067		mg/Kg	1	9/22/03
Acetophenone	ND	0.13		mg/Kg	1	9/22/03
alpha-Terpinol	ND	0.30		mg/Kg	1	9/22/03
Aniline	ND	0.067		mg/Kg	1	9/22/03
Anthracene	ND	0.067		mg/Kg	1	9/22/03
Benz(a)anthracene	ND	0.067		mg/Kg	1	9/22/03
Benzo(a)pyrene	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-11
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	ND	0.067		mg/Kg	1	9/22/03
Phenol	ND	0.067		mg/Kg	1	9/22/03
Pyrene	ND	0.067		mg/Kg	1	9/22/03
Pyridine	ND	0.067		mg/Kg	1	9/22/03
Surr: 2,4,6-Tribromophenol	60.3	19-122		%REC	1	9/22/03
Surr: 2-Fluorobiphenyl	60.6	30-115		%REC	1	9/22/03
Surr: 2-Fluorophenol	52.1	25-121		%REC	1	9/22/03
Surr: 4-Terphenyl-d14	58.8	18-137		%REC	1	9/22/03
Surr: Nitrobenzene-d5	49.6	23-120		%REC	1	9/22/03
Surr: Phenol-d5	42.3	24-113		%REC	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-13
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-08A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Phenanthrene	0.11	0.067		mg/Kg	1	9/22/03
Phenol	ND	0.067		mg/Kg	1	9/22/03
Pyrene	ND	0.067		mg/Kg	1	9/22/03
Pyridine	ND	0.067		mg/Kg	1	9/22/03
Surr: 2,4,6-Tribromophenol	54.7	19-122		%REC	1	9/22/03
Surr: 2-Fluorobiphenyl	55.0	30-115		%REC	1	9/22/03
Surr: 2-Fluorophenol	39.7	25-121		%REC	1	9/22/03
Surr: 4-Terphenyl-d14	52.6	18-137		%REC	1	9/22/03
Surr: Nitrobenzene-d5	46.6	23-120		%REC	1	9/22/03
Surr: Phenol-d5	28.0	24-113		%REC	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT:	Pinnacle Laboratories	**Client Sample ID:**	LFB-13
Lab Order:	0309160	**Tag Number:**	
Project:	309083/LANDFARM	**Collection Date:**	9/15/03
Lab ID:	0309160-08A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
BNA SEMI-VOL ORGANICS, SOIL		**EPA 8270C**		**(3550B)**		Analyst: rlr
Benzo(b)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzo(g,h,i)perylene	ND	0.067		mg/Kg	1	9/22/03
Benzo(k)fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Benzyl alcohol	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethoxy)methane	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroethyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-chloroisopropyl)ether	ND	0.067		mg/Kg	1	9/22/03
Bis(2-ethylhexyl)phthalate	0.085	0.067		mg/Kg	1	9/22/03
Butyl benzyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Carbazole	ND	0.13		mg/Kg	1	9/22/03
Chrysene	ND	0.067		mg/Kg	1	9/22/03
Di-n-butyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Di-n-octyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dibenz(a,h)anthracene	ND	0.067		mg/Kg	1	9/22/03
Dibenzofuran	ND	0.067		mg/Kg	1	9/22/03
Diethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Dimethyl phthalate	ND	0.067		mg/Kg	1	9/22/03
Ethyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
Fluoranthene	ND	0.067		mg/Kg	1	9/22/03
Fluorene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorobutadiene	ND	0.067		mg/Kg	1	9/22/03
Hexachlorocyclopentadiene	ND	0.20		mg/Kg	1	9/22/03
Hexachloroethane	ND	0.067		mg/Kg	1	9/22/03
Indeno(1,2,3-cd)pyrene	ND	0.067		mg/Kg	1	9/22/03
Isophorone	ND	0.067		mg/Kg	1	9/22/03
Methyl methanesulfonate	ND	0.067		mg/Kg	1	9/22/03
N-Decane	0.16	0.067		mg/Kg	1	9/22/03
N-Nitroso-di-n-butylamine	ND	0.13		mg/Kg	1	9/22/03
N-Nitrosodi-n-propylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosodiphenylamine	ND	0.067		mg/Kg	1	9/22/03
N-Nitrosopiperidine	ND	0.067		mg/Kg	1	9/22/03
N-Octadecane	ND	0.067		mg/Kg	1	9/22/03
Naphthalene	0.42	0.067		mg/Kg	1	9/22/03
Nitrobenzene	ND	0.067		mg/Kg	1	9/22/03
p-Aminoazobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachloronitrobenzene	ND	0.067		mg/Kg	1	9/22/03
Pentachlorophenol	ND	0.10		mg/Kg	1	9/22/03
Phenacetin	ND	0.067		mg/Kg	1	9/22/03

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

CLIENT: Pinnacle Laboratories
Work Order: 0309160
Project: 309083/LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: MB-6211 | SampType: MBLK | TestCode: 06 8270 S | Units: mg/Kg | Prep Date: 9/15/03 | Run ID: MANFREDD_030915A
Client ID: ZZZZZ | Batch ID: 6211 | TestNo: EPA 8270C (3550B) | Analysis Date: 9/15/03 | SeqNo: 180083

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	ND	0.067									
7,12-Dimethylbenz(a)anthracene	ND	0.067									
Acenaphthene	ND	0.067									
Acenaphthylene	ND	0.067									
Acetophenone	ND	0.13									
alpha-Terpinol	ND	0.30									
Aniline	ND	0.067									
Anthracene	ND	0.067									
Benz(a)anthracene	ND	0.067									
Benzo(a)pyrene	ND	0.067									
Benzo(b)fluoranthene	ND	0.067									
Benzo(g,h,i)perylene	ND	0.067									
Benzo(k)fluoranthene	ND	0.067									
Benzyl alcohol	ND	0.067									
Bis(2-chloroethoxy)methane	ND	0.067									
Bis(2-chloroethyl)ether	ND	0.067									
Bis(2-chloroisopropyl)ether	ND	0.067									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Butyl benzyl phthalate	ND	0.067									
Carbazole	ND	0.13									
Chrysene	ND	0.067									
Di-n-butyl phthalate	ND	0.067									
Di-n-octyl phthalate	ND	0.067									
Dibenz(a,h)anthracene	ND	0.067									
Dibenzofuran	ND	0.067									
Diethyl phthalate	ND	0.067									
Dimethyl phthalate	ND	0.067									
Ethyl methanesulfonate	ND	0.067									
Fluoranthene	ND	0.067									
Fluorene	ND	0.067									
Hexachlorobenzene	ND	0.067									

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

Environmental Services Laboratory

Date: *01-Oct-03*

CLIENT: Pinnacle Laboratories
Work Order: 0309160
Project: 309083/LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: MB-6211 | SampType: MBLK | TestCode: 06 8270 S | Units: mg/Kg | Prep Date: 9/15/03 | Run ID: MANFREDD_030915A
Client ID: ZZZZZ | Batch ID: 6211 | TestNo: EPA 8270C (3550B) | Analysis Date: 9/15/03 | SeqNo: 180083

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4,5-Tetrachlorobenzene	ND	0.067									
1,2,4-Trichlorobenzene	ND	0.067									
1,2-Dichlorobenzene	ND	0.067									
1,2-Diphenylhydrazine	ND	0.067									
1,3-Dichlorobenzene	ND	0.067									
1,4-Dichlorobenzene	ND	0.067									
2,3,4,6-Tetrachlorophenol	ND	0.067									
2,4,5-Trichlorophenol	ND	0.067									
2,4,6-Trichlorophenol	ND	0.067									
2,4-Dichlorophenol	ND	0.067									
2,4-Dimethylphenol	ND	0.067									
2,4-Dinitrophenol	ND	0.67									
2,4-Dinitrotoluene	ND	0.067									
2,6-Dichlorophenol	ND	0.067									
2,6-Dinitrotoluene	ND	0.067									
2-Chloronaphthalene	ND	0.067									
2-Chlorophenol	ND	0.067									
2-Methylnaphthalene	ND	0.067									
2-Methylphenol	ND	0.067									
2-Nitroaniline	ND	0.067									
2-Nitrophenol	ND	0.067									
3&4-Methylphenol	ND	0.13									
[illegible]thylcholanthrene	ND	0.067									
[illegible]roaniline	ND	0.067									
[illegible]-Dinitro-2-methylphenol	ND	0.20									
4-Aminobiphenyl	ND	0.10									
4-Bromophenyl phenyl ether	ND	0.067									
4-Chloro-3-methylphenol	ND	0.067									
4-Chlorophenyl phenyl ether	ND	0.067									
4-Nitroaniline	ND	0.067									

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Pinnacle Laboratories
Work Order: 0309160
Project: 309083/LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **LCS-6211** SampType: **LCS** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/15/03** Run ID: **MANFREDD_030915A**
Client ID: **ZZZZZ** Batch ID: **6211** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/15/03** SeqNo: **180084**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.05	0.067	1.66	0	63.5	44	142	0	0		
1,4-Dichlorobenzene	1.24	0.067	1.66	0	74.7	20	124	0	0		
2,4-Dinitrotoluene	1.15	0.067	1.66	0	69.1	39	139	0	0		
2-Chlorophenol	2.49	0.067	3.33	0	74.8	23	134	0	0		
4-Chloro-3-methylphenol	2.34	0.067	3.33	0	70.4	22	147	0	0		
4-Nitrophenol	1.96	0.067	3.33	0	59	1	132	0	0		
Acenaphthene	1.24	0.067	1.66	0	74.5	47	145	0	0		
N-Nitrosodi-n-propylamine	1.13	0.067	1.66	0	67.9	1	230	0	0		
Pentachlorophenol	1.91	0.10	3.33	0	57.5	14	176	0	0		
Phenol	2.09	0.067	3.33	0	62.8	5	112	0	0		
Pyrene	1.14	0.067	1.66	0	68.9	52	115	0	0		
Surr: 2,4,6-Tribromophenol	2.49	0	3.33	0	74.8	19	122	0	0		
Surr: 2-Fluorobiphenyl	1.13	0	1.66	0	67.9	30	115	0	0		
Surr: 2-Fluorophenol	2.35	0	3.33	0	70.6	25	121	0	0		
Surr: 4-Terphenyl-d14	1.1	0	1.66	0	66.3	18	137	0	0		
Surr: Nitrobenzene-d5	0.967	0	1.66	0	58.2	23	120	0	0		
Surr: Phenol-d5	2.3	0	3.33	0	69	24	113	0	0		

Sample ID: **LCSD-6211** SampType: **LCSD** TestCode: **08 8270 S** Units: **mg/Kg** Prep Date: **9/15/03** Run ID: **MANFREDD_030915A**
Client ID: **ZZZZZ** Batch ID: **6211** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/15/03** SeqNo: **180085**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	0.987	0.067	1.66	0	59.4	44	142	1.05	8.54	20	
1,4-Dichlorobenzene	1.16	0.067	1.66	0	69.7	20	124	1.24	6.95	20	
2,4-Dinitrotoluene	1.05	0.067	1.66	0	63.5	39	139	1.15	8.48	20	
2-Chlorophenol	2.35	0.067	3.33	0	70.7	23	134	2.49	5.64	20	
4-Chloro-3-methylphenol	2.28	0.067	3.33	0	68.6	22	147	2.34	2.57	20	
4-Nitrophenol	1.63	0.067	3.33	0	49	1	132	1.96	18.4	20	
Acenaphthene	1.21	0.067	1.66	0	72.7	47	145	1.24	2.46	20	
N-Nitrosodi-n-propylamine	1.04	0.067	1.66	0	62.7	1	230	1.13	8.00	20	
Pentachlorophenol	1.57	0.10	3.33	0	47.2	14	176	1.91	19.5	20	

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Pinnacle Laboratories
Work Order: 0309160
Project: 309083/LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: **MB-6211** SampType: **MBLK** TestCode: **06 8270 S** Units: **mg/Kg** Prep Date: **9/15/03** Run ID: **MANFREDD_030915A**
Client ID: **ZZZZZ** Batch ID: **6211** TestNo: **EPA 8270C (3550B)** Analysis Date: **9/15/03** SeqNo: **180083**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	0.067									
Hexachlorocyclopentadiene	ND	0.20									
Hexachloroethane	ND	0.067									
Indeno(1,2,3-cd)pyrene	ND	0.067									
Isophorone	ND	0.067									
Methyl methanesulfonate	ND	0.067									
N-Decane	ND	0.067									
N-Nitroso-di-n-butylamine	ND	0.13									
N-Nitrosodi-n-propylamine	ND	0.067									
N-Nitrosodiphenylamine	ND	0.067									
N-Nitrosopiperidine	ND	0.067									
N-Octadecane	ND	0.067									
Naphthalene	ND	0.067									
Nitrobenzene	ND	0.067									
p-Aminoazobenzene	ND	0.067									
Pentachlorobenzene	ND	0.067									
Pentachloronitrobenzene	ND	0.067									
Pentachlorophenol	ND	0.10									
Phenacetin	ND	0.067									
Phenanthrene	ND	0.067									
Phenol	ND	0.067									
Pyrene	ND	0.067									
Pyridine	ND	0.067									
Surr: 2,4,6-Tribromophenol	1.52	0	3.33	0	45.5	19	122	0	0		
Surr: 2-Fluorobiphenyl	0.767	0	1.66	0	46.2	30	115	0	0		
Surr: 2-Fluorophenol	1.56	0	3.33	0	46.8	25	121	0	0		
Surr: 4-Terphenyl-d14	0.797	0	1.66	0	48	18	137	0	0		
Surr: Nitrobenzene-d5	0.827	0	1.66	0	49.8	23	120	0	0		
Surr: Phenol-d5	1.53	0	3.33	0	45.9	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: Pinnacle Laboratories
Work Order: 0309160
Project: 309083/LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: 0309112-01B DUP | SampType: DUP | TestCode: 06 8270 S | Units: mg/Kg | Prep Date: 9/15/03 | Run ID: MANFREDD_030915A
Client ID: ZZZZZ | Batch ID: 6211 | TestNo: EPA 8270C (3550B) | Analysis Date: 9/15/03 | SeqNo: 180087

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4,5-Tetrachlorobenzene	ND	3.4	0	0	0	0	0	0	0	20	
1,2,4-Trichlorobenzene	ND	3.4	0	0	0	0	0	0	0	20	
1,2-Dichlorobenzene	ND	3.4	0	0	0	0	0	0	0	20	
1,2-Diphenylhydrazine	ND	3.4	0	0	0	0	0	0	0	20	
1,3-Dichlorobenzene	ND	3.4	0	0	0	0	0	0	0	20	
1,4-Dichlorobenzene	ND	3.4	0	0	0	0	0	0	0	20	
2,3,4,6-Tetrachlorophenol	ND	3.4	0	0	0	0	0	0	0	20	
2,4,5-Trichlorophenol	ND	3.4	0	0	0	0	0	0	0	20	
2,4,6-Trichlorophenol	ND	3.4	0	0	0	0	0	0	0	20	
2,4-Dichlorophenol	ND	3.4	0	0	0	0	0	0	0	20	
2,4-Dimethylphenol	ND	3.4	0	0	0	0	0	0	0	20	
2,4-Dinitrophenol	ND	34	0	0	0	0	0	0	0	20	
2,4-Dinitrotoluene	ND	3.4	0	0	0	0	0	0	0	20	
2,6-Dichlorophenol	ND	3.4	0	0	0	0	0	0	0	20	
2,6-Dinitrotoluene	ND	3.4	0	0	0	0	0	0	0	20	
2-Chloronaphthalene	ND	3.4	0	0	0	0	0	0	0	20	
2-Chlorophenol	ND	3.4	0	0	0	0	0	0	0	20	
2-Methylnaphthalene	11.8	3.4	0	0	0	0	0	5.63	71.0	20	R, Q
2-Methylphenol	ND	3.4	0	0	0	0	0	0	0	20	
2-Nitroaniline	ND	3.4	0	0	0	0	0	0	0	20	
2-Nitrophenol	ND	3.4	0	0	0	0	0	0	0	20	
3&4-Methylphenol	ND	6.7	0	0	0	0	0	0	0	20	
3-Methylcholanthrene	ND	3.4	0	0	0	0	0	0	0	20	
3-Nitroaniline	ND	3.4	0	0	0	0	0	0	0	0	
4,6-Dinitro-2-methylphenol	ND	10	0	0	0	0	0	0	0	20	
4-Aminobiphenyl	ND	5.1	0	0	0	0	0	0	0	20	
4-Bromophenyl phenyl ether	ND	3.4	0	0	0	0	0	0	0	20	
4-Chloro-3-methylphenol	ND	3.4	0	0	0	0	0	0	0	20	
4-Chlorophenyl phenyl ether	ND	3.4	0	0	0	0	0	0	0	20	
4-Nitroaniline	ND	3.4	0	0	0	0	0	0	0	20	
4-Nitrophenol	ND	3.4	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits | B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits | R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309160
Project: 309083/LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: LCSD-6211 | SampType: LCSD | TestCode: 06 8270 S | Units: mg/Kg | Prep Date: 9/15/03 | Run ID: MANFREDD_030915A
Client ID: ZZZZZ | Batch ID: 6211 | TestNo: EPA 8270C (3550B) | Analysis Date: 9/15/03 | SeqNo: 180085

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	2.02	0.067	3.33	0	60.6	5	112	2.09	3.57	20	
Pyrene	1.18	0.067	1.66	0	71.1	52	115	1.14	3.16	20	
Surr: 2,4,6-Tribromophenol	2.38	0	3.33	0	71.4	19	122	0	0	0	
Surr: 2-Fluorobiphenyl	1.08	0	1.66	0	65.3	30	115	0	0	0	
Surr: 2-Fluorophenol	2.23	0	3.33	0	67	25	121	0	0	0	
Surr: 4-Terphenyl-d14	1.13	0	1.66	0	67.9	18	137	0	0	0	
Surr: Nitrobenzene-d5	0.89	0	1.66	0	53.6	23	120	0	0	0	
Surr: Phenol-d5	2.19	0	3.33	0	65.9	24	113	0	0	0	

Sample ID: 0309160-01A MS | SampType: MS | TestCode: 06 8270 S | Units: mg/Kg | Prep Date: 9/19/03 | Run ID: MANFREDD_030915A
Client ID: LFA-1 | Batch ID: 6211 | TestNo: EPA 8270C (3550B) | Analysis Date: 9/22/03 | SeqNo: 181929

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.21	0.067	1.66	0	72.9	44	142	0	0		
1,4-Dichlorobenzene	1.38	0.067	1.66	0	83.1	20	124	0	0		
2,4-Dinitrotoluene	1.17	0.067	1.66	0	70.5	39	139	0	0		
2-Chlorophenol	2.53	0.067	3.33	0	75.9	23	134	0	0		
4-Chloro-3-methylphenol	1.55	0.067	3.33	0	46.4	22	147	0	0		
4-Nitrophenol	0.667	0.067	3.33	0	20	1	132	0	0		
Acenaphthene	1.39	0.067	1.66	0	83.9	47	145	0	0		
N-Nitrosodi-n-propylamine	0.863	0.067	1.66	0	52	1	230	0	0		
Pentachlorophenol	0.977	0.10	3.33	0	29.3	14	176	0	0		
Phenol	1.19	0.067	3.33	0	35.8	5	112	0	0		
ne	1.21	0.067	1.66	0	73.1	52	115	0	0		
r: 2,4,6-Tribromophenol	2.37	0	3.33	0	71.2	19	122	0	0		
Surr: 2-Fluorobiphenyl	1.16	0	1.66	0	69.9	30	115	0	0		
Surr: 2-Fluorophenol	1.81	0	3.33	0	54.4	25	121	0	0		
Surr: 4-Terphenyl-d14	1.05	0	1.66	0	63.5	18	137	0	0		
Surr: Nitrobenzene-d5	0.993	0	1.66	0	59.8	23	120	0	0		
Surr: Phenol-d5	1.25	0	3.33	0	37.5	24	113	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits | B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits | R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309160
Project: 309083/LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: 0309112-01B DUP | SampType: DUP | TestCode: 06 8270 S | Units: mg/Kg | Prep Date: 9/15/03 | Run ID: MANFREDD_030915A
Client ID: ZZZZZ | Batch ID: 6211 | TestNo: EPA 8270C (3550B) | Analysis Date: 9/15/03 | SeqNo: 180087

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorocyclopentadiene	ND	10	0	0	0	0	0	0	0	20	
Hexachloroethane	ND	3.4	0	0	0	0	0	0	0	20	
Indeno(1,2,3-cd)pyrene	ND	3.4	0	0	0	0	0	0	0	20	
Isophorone	ND	3.4	0	0	0	0	0	0	0	20	
Methyl methanesulfonate	ND	3.4	0	0	0	0	0	0	0	20	
N-Decane	ND	3.4	0	0	0	0	0	0	0	20	
N-Nitroso-di-n-butylamine	ND	6.5	0	0	0	0	0	0	0	20	
N-Nitrosodi-n-propylamine	ND	3.4	0	0	0	0	0	0	0	20	
N-Nitrosodiphenylamine	ND	3.4	0	0	0	0	0	0	0	20	
N-Nitrosopiperidine	ND	3.4	0	0	0	0	0	0	0	20	
N-Octadecane	3.97	3.4	0	0	0	0	0	5.52	32.7	20	R, Q
Naphthalene	ND	3.4	0	0	0	0	0	0	0	20	
Nitrobenzene	ND	3.4	0	0	0	0	0	0	0	20	
p-Aminoazobenzene	ND	3.4	0	0	0	0	0	0	0	20	
Pentachlorobenzene	ND	3.4	0	0	0	0	0	0	0	20	
Pentachloronitrobenzene	ND	3.4	0	0	0	0	0	0	0	20	
Pentachlorophenol	ND	5.1	0	0	0	0	0	0	0	20	
Phenacetin	ND	3.4	0	0	0	0	0	0	0	20	
Phenanthrene	9.17	3.4	0	0	0	0	0	4.28	72.6	20	R, Q
Phenol	ND	3.4	0	0	0	0	0	0	0	20	
Pyrene	ND	3.4	0	0	0	0	0	0	0	20	
Pyridine	ND	3.4	0	0	0	0	0	0	0	20	
Surr: 2,4,6-Tribromophenol	18.8	0	33.3	0	56.6	19	122	0	0		
Surr: 2-Fluorobiphenyl	20.7	0	16.6	0	124	30	115	0	0		S, MI
Surr: 2-Fluorophenol	2.08	0	33.3	0	6.26	25	121	0	0		S, MI
Surr: 4-Terphenyl-d14	19	0	16.6	0	114	18	137	0	0		
Surr: Nitrobenzene-d5	14.1	0	16.6	0	85.1	23	120	0	0		
Surr: Phenol-d5	ND	0	33.3	0	0	24	113	0	0		S, MI

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Pinnacle Laboratories
Work Order: 0309160
Project: 309083/LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: 0309112-01B DUP | SampType: DUP | TestCode: 06 8270 S | Units: mg/Kg | Prep Date: 9/15/03 | Run ID: MANFREDD_030915A
Client ID: ZZZZZ | Batch ID: 6211 | TestNo: EPA 8270C (3550B) | Analysis Date: 9/15/03 | SeqNo: 180087

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
7,12-Dimethylbenz(a)anthracene	ND	3.4	0	0	0	0	0	0	0	20	
Acenaphthene	ND	3.4	0	0	0	0	0	0	0	20	
Acenaphthylene	ND	3.4	0	0	0	0	0	0	0	20	
Acetophenone	ND	6.7	0	0	0	0	0	0	0	20	
alpha-Terpinol	ND	15	0	0	0	0	0	0	0	0	
Aniline	ND	3.4	0	0	0	0	0	0	0	20	
Anthracene	ND	3.4	0	0	0	0	0	0	0	20	
Benz(a)anthracene	ND	3.4	0	0	0	0	0	0	0	20	
Benzo(a)pyrene	ND	3.4	0	0	0	0	0	0	0	20	
Benzo(b)fluoranthene	ND	3.4	0	0	0	0	0	0	0	20	
Benzo(g,h,i)perylene	ND	3.4	0	0	0	0	0	0	0	20	
Benzo(k)fluoranthene	ND	3.4	0	0	0	0	0	0	0	20	
Benzyl alcohol	ND	3.4	0	0	0	0	0	0	0	20	
Bis(2-chloroethoxy)methane	ND	3.4	0	0	0	0	0	0	0	20	
Bis(2-chloroethyl)ether	ND	3.4	0	0	0	0	0	0	0	20	
Bis(2-chloroisopropyl)ether	ND	3.4	0	0	0	0	0	0	0	20	
Bis(2-ethylhexyl)phthalate	ND	3.4	0	0	0	0	0	0	0	20	
Butyl benzyl phthalate	ND	3.4	0	0	0	0	0	0	0	20	
Carbazole	ND	6.7	0	0	0	0	0	0	0	20	
Chrysene	ND	3.4	0	0	0	0	0	0	0	20	
Di-n-butyl phthalate	ND	3.4	0	0	0	0	0	0	0	20	
Di-n-octyl phthalate	ND	3.4	0	0	0	0	0	0	0	20	
Dibenz(a,h)anthracene	ND	3.4	0	0	0	0	0	0	0	20	
Dibenzofuran	ND	3.4	0	0	0	0	0	0	0	20	
Diethyl phthalate	ND	3.4	0	0	0	0	0	0	0	20	
Dimethyl phthalate	ND	3.4	0	0	0	0	0	0	0	20	
Ethyl methanesulfonate	ND	3.4	0	0	0	0	0	0	0	20	
Fluoranthene	ND	3.4	0	0	0	0	0	0	0	20	
Fluorene	3.63	3.4	0	0	0	0	0	0	200	20	R, Q
Hexachlorobenzene	ND	3.4	0	0	0	0	0	0	0	20	
Hexachlorobutadiene	ND	3.4	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Pinnacle Laboratories
Work Order: 0309160
Project: 309083/LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: CCV | SampType: CCV | TestCode: 06 8270 S | Units: mg/L | Prep Date: | Run ID: MANFREDD_030915A
Client ID: ZZZZZ | Batch ID: R14902 | TestNo: EPA 8270C | Analysis Date: 9/22/03 | SeqNo: 181926

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Di-n-octyl phthalate	42.5	0.067	50	0	85	80	120	0	0		
Fluoranthene	43	0.067	50	0	86	80	120	0	0		
Hexachlorobutadiene	46	0.067	50	0	92	80	120	0	0		
N-Nitrosodiphenylamine	91	0.067	100	0	91	80	120	0	0		
Pentachlorophenol	41	0.10	50	0	82	80	120	0	0		
Phenol	40.1	0.067	50	0	80.2	80	120	0	0		
Surr: 2,4,6-Tribromophenol	46.8	0	50	0	93.6	80	120	0	0		
Surr: 2-Fluorobiphenyl	43.9	0	50	0	87.8	80	120	0	0		
Surr: 2-Fluorophenol	47.3	0	50	0	94.6	80	120	0	0		
Surr: 4-Terphenyl-d14	40.4	0	50	0	80.8	80	120	0	0		
Surr: Nitrobenzene-d5	45.1	0	50	0	90.2	80	120	0	0		
Surr: Phenol-d5	45.2	0	50	0	90.4	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits | B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits | R - RPD outside accepted recovery limits

CLIENT: Pinnacle Laboratories
Work Order: 0309160
Project: 309083/LANDFARM

ANALYTICAL QC SUMMARY REPORT

TestCode: 06 8270 S

Sample ID: CCV | SampType: CCV | TestCode: 06 8270 S | Units: mg/L | Prep Date: | Run ID: MANFREDD_030915A
Client ID: ZZZZZ | Batch ID: R14902 | TestNo: EPA 8270C | Analysis Date: 9/15/03 | SeqNo: 180082

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	47.4	0.067	50	0	94.8	80	120	0	0		
2,4,6-Trichlorophenol	47.1	0.067	50	0	94.2	80	120	0	0		
2,4-Dichlorophenol	47.2	0.067	50	0	94.4	80	120	0	0		
2-Nitrophenol	45.4	0.067	50	0	90.8	80	120	0	0		
4-Chloro-3-methylphenol	49.2	0.067	50	0	98.4	80	120	0	0		
Acenaphthene	46.1	0.067	50	0	92.2	80	120	0	0		
Benzo(a)pyrene	48.9	0.067	50	0	97.8	80	120	0	0		
Di-n-octyl phthalate	41.6	0.067	50	0	83.2	80	120	0	0		
Fluoranthene	42.7	0.067	50	0	85.4	80	120	0	0		
Hexachlorobutadiene	46.8	0.067	50	0	93.6	80	120	0	0		
N-Nitrosodiphenylamine	92	0.067	100	0	92	80	120	0	0		
Pentachlorophenol	40.4	0.10	50	0	80.8	80	120	0	0		
Phenol	40.4	0.067	50	0	80.8	80	120	0	0		
Surr: 2,4,6-Tribromophenol	47.2	0	50	0	94.4	80	120	0	0		
Surr: 2-Fluorobiphenyl	44.4	0	50	0	88.8	80	120	0	0		
Surr: 2-Fluorophenol	47.4	0	50	0	94.8	80	120	0	0		
Surr: 4-Terphenyl-d14	40	0	50	0	80	80	120	0	0		
Surr: Nitrobenzene-d5	45.5	0	50	0	91	80	120	0	0		
Surr: Phenol-d5	45.7	0	50	0	91.4	80	120	0	0		

Sample ID: CCV | SampType: CCV | TestCode: 06 8270 S | Units: mg/L | Prep Date: | Run ID: MANFREDD_030915A
Client ID: ZZZZZ | Batch ID: R14902 | TestNo: EPA 8270C | Analysis Date: 9/22/03 | SeqNo: 181926

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	47.9	0.067	50	0	95.8	80	120	0	0		
2,4,6-Trichlorophenol	46.8	0.067	50	0	93.6	80	120	0	0		
2,4-Dichlorophenol	41.6	0.067	50	0	83.2	80	120	0	0		
2-Nitrophenol	45.1	0.067	50	0	90.2	80	120	0	0		
4-Chloro-3-methylphenol	49.4	0.067	50	0	98.8	80	120	0	0		
Acenaphthene	45.7	0.067	50	0	91.4	80	120	0	0		
Benzo(a)pyrene	48.3	0.067	50	0	96.6	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits | B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits | R - RPD outside accepted recovery limits

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

C 309160

CHAIN OF CUSTODY RECORD
Date 9/16/03 Page 1 of 1

CLIENT: BHATE Environmental
ADDRESS: 1641 Vandergrift Rd. #1266
Holloman AFB NM 88330

PROJECT MANAGER: Jerry Pelfrey
PHONE NUMBER: 505-433-679-2100

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled X Frozen ___
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

PROJECT NAME: LANDFARM
SAMPLERS: (Signature) [signature]

	SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
01	LFA-1	LANDFARM	9/15/03	1023			/			8270
02	LFA-6			1027			/			
03	LFA-11			1030			/			
04	LFA-14			1034			/			
05	LFB-2			1052			/			
06	LFB-6			1048			/			
07	LFB-11			1044			/			
08	LFB-13			1041			/			

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[signature] 9/16/03	[signature] @ESL	1:32 9/19/03
Relinquished by: (Signature)	Received by Laboratory for analysis: (Signature)	Date/Time

Special Instructions: PLEASE FAX RESULTS TO 505-679-2148

I hereby authorize the performance of the above indicated work.
[signature]
DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ENVIRONMENTAL SERVICES LABORATORY – GLOSSARY OF FLAGS

QUALIFIER	DESCRIPTION
AA	This sample was analyzed after the holding time had expired.
AB	The hydrocarbon pattern in this sample is not typical of gasoline.
AC	The hydrocarbon pattern in this sample is not typical of diesel.
AD	The hydrocarbon pattern in this sample is not typical of oil.
AE	The hydrocarbon pattern in this sample extends into the gasoline range.
AF	The hydrocarbon pattern in this sample extends into the diesel range.
AG	The hydrocarbon pattern in this sample extends into the oil range.
A	This analysis was performed on a VOA sample containing headspace.
B	Analyte detected in the Method Blank above the reporting level.
C	The Relative Percent Difference (RPD) for the primary result and confirmation result was greater than 40%. The higher result was reported.
D	The sample was supplied in an inappropriate container according to method criteria.
E	This value is above the quantitation limit. It is considered an estimate.
H	The Matrix Spike/Matrix Spike Duplicate (MS/MSD) result was outside control limits. The Laboratory Control Standard/Duplicate (LCS/LCSD) result was in control validating the batch.
J	The result is above the Method Detection Limit (MDL) and below the Reporting level (RL). It is considered an estimate.
M	The MS/MSD recoveries are not calculable due to a high amount of analyte in sample.
MI	This indicates a high level of matrix interference affecting the spike or surrogate recovery.
N	See case narrative.
O	Detection Limits are elevated due to sample dilution. See case narrative.
Q	Further inspection of the sample confirms a non-homogenous sample matrix affecting RPD result.
R	The RPD result is outside method control limits. See other qualifiers or case narrative.
S	The spike recovery is outside method control limits. See other qualifiers or case narrative.
T	The RPD between the sample result and duplicate result was greater than 20%. The original result was less than three times the reporting level, therefore the RPD is not applicable.
X	Unable to quantitate surrogate recovery due to sample dilution.

PINNACLE LABORATORIES

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE: 9/16/03 PAGE: 1 OF 1

PLI Accession #: 309083

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER: Jerry Pelfrey

COMPANY: BHATE Environmental
ADDRESS: 1641 Vandergrift Rd. #1266
Holloman AFB NM 88330
PHONE: 505-679-2100
FAX: 505-679-2148

BILL TO:
COMPANY: BHATE
ADDRESS: 1608 13th AVE. SO, SUITE 300
Birmingham AL 35205

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct Inject	(M8015) Gas/Purge & Trap	8021 (BTEX)/8015 (Gasoline) MTBE	8021 (BTEX) ☐MTBE ☐TMB ☐PCE	8021 (TCL)	8021 (EDX)	8021 (HALO)	8021 (CUST)	504.1 EDB ☐/DBCP ☐	8260 (TCL) Volatile Organics	8260 (Full) Volatile Organics ☐PBMS	8260 (CUST) Volatile Organics	8260 (Landfill) Volatile Organics	Pesticides/PCB (608/8081/8082)	Herbicides (615/8151)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Polynuclear Aromatics (610/8310/8270-SIMS)	General Chemistry:	Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method1311)	Metals:	NUMBER OF CONTAINERS
LFA-1	9/15/03	1023	soil	01		✓	✓									✓													1
LFA-6		1027		02		✓	✓									✓													1
LFA-11		1030		03		✓	✓									✓													1
LFA-14		1034		04		✓	✓									✓													1
LFA-2		1052		05		✓	✓									✓													1
LFB-6		1048		06		✓	✓									✓													1
LFB-11		1044		07		✓	✓									✓													1
LFB-13		1041		08		✓	✓									✓													1

WEEKEND ANALYSES MAY RESULT IN AN ADDITIONAL SURCHARGE - PLEASE INQUIRE.

PROJECT INFORMATION	
PROJ. NO.:	9030167.06.02
PROJ. NAME:	SS-17
P.O. NO.:	
SHIPPED VIA:	

SAMPLE RECEIPT	
NO. CONTAINERS	8
CUSTODY SEALS	Y / N / NA
RECEIVED INTACT	Y/N
BLUE ICE/ICE	4.8°

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐24hr* ☐48hr* ☐72hr* ☐ 1 WEEK (NORMAL) ☒
*NOT AVAILABLE ON ALL ANALYSES

CERTIFICATION REQUIRED ☐ NM ☐ SDWA ☐ AZ ☐ OTHER

METHANOL PRESERVATION ☐ METALS ☐ TOTAL ☐ DISSOLVED

COMMENTS: Please FAX Results to 505-679-2148

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature: [signature] Time: 1600	Signature: Time:
Printed Name: Kevin Germann Date: 9/16/03	Printed Name: Date:
Company: BHATE	Company:
See Reverse side (Force Majeure)	
RECEIVED BY: 1.	**RECEIVED BY: (LAB) 2.**
Signature: Time:	Signature: [signature] Time: 0915
Printed Name: Date:	Printed Name: Francine Turner Date: 9/17/03
Company:	Pinnacle Laboratories Inc.

July 2003 PLI Inc • Pinnacle Laboratories, Inc. • 2709-D Pan American Freeway, NE • Albuquerque, New Mexico 87107 • (505) 344-4413 • Fax (505) 344-4413 • E-mail: PLI_LAB@ATT.NET

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

0309160

CHAIN OF CUSTODY RECORD

Date 9/16/03 Page 1 of 1

PLI# 309083

CLIENT: BHATE Environmental
ADDRESS: 1641 Vandergrift Rd. #1266
Holloman AFB NM 88330

PROJECT MANAGER: Jerry Pelfrey
PHONE NUMBER: 505-679-2100

PROJECT NAME: Land Farm

SAMPLERS: (Signature) [signature]

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ____ Cooled ☒ Frozen ____
Same Day ____ 24 Hr. ____
Regular ☒ 48 Hr. ____

	SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
01	LFA-1	Land Farm	9/15/03	1023						8270
02	LFA-6			1027						
03	LFA-11			1030						
04	LFA-14			1034						
05	LFB-2			1052						
06	LFB-6			1048						
07	LFB-11			1044						
08	LFB-13			1041						

Relinquished by: (Signature) 9/16/03	Received by: (Signature) [signature]	Date/Time 1030 9/19/03
Relinquished by: (Signature)	Received by Laboratory for analysis: (Signature)	Date/Time

Special Instructions: Please FAX Results to 505-679-2148

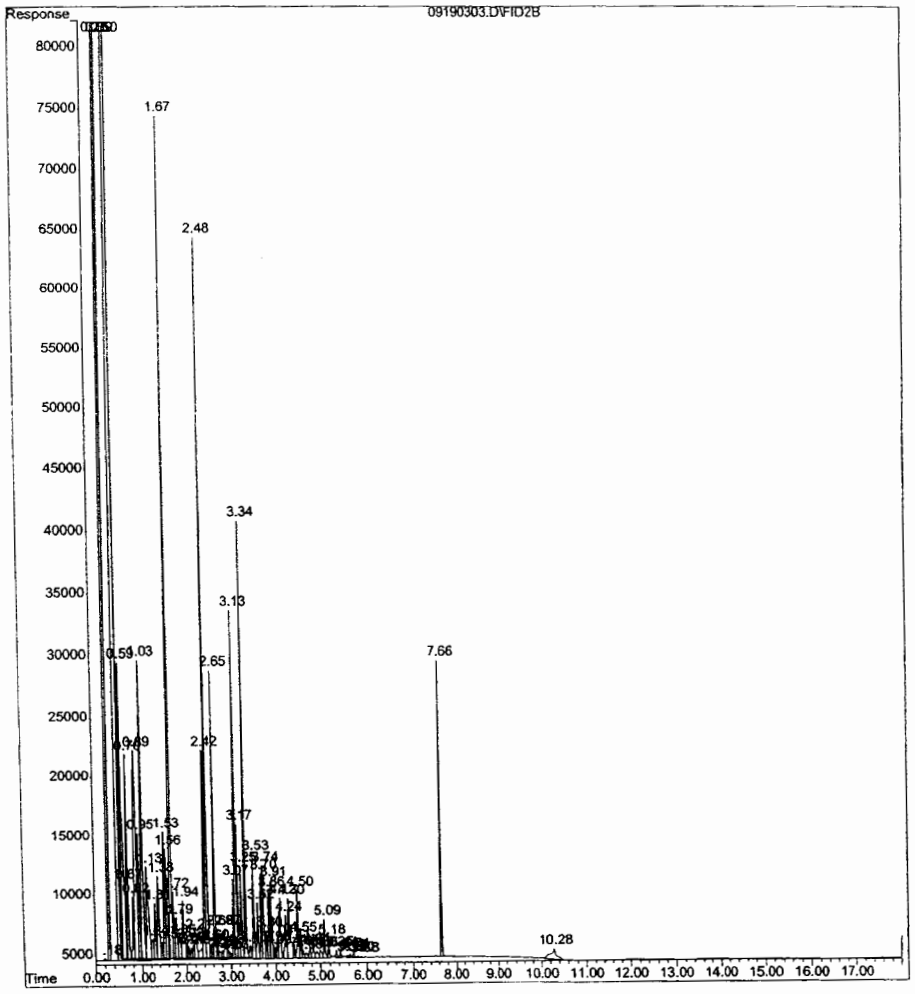
I hereby authorize the performance of the above indicated work.

[signature]

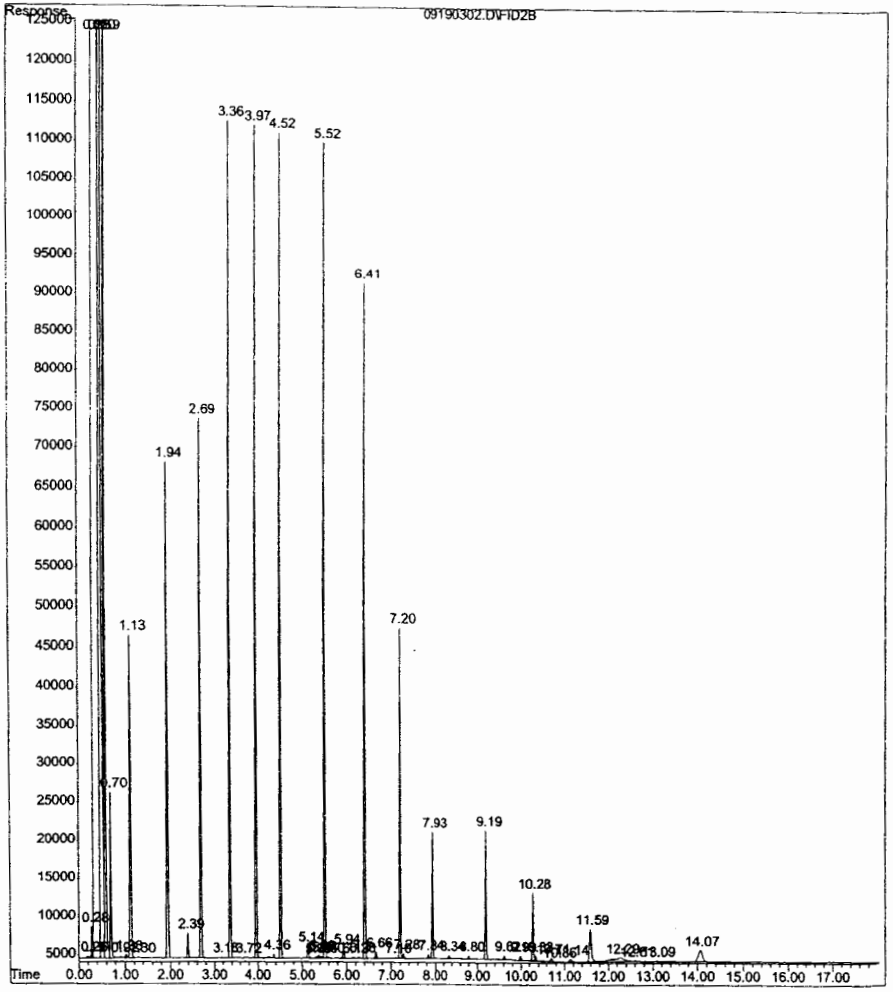
DISTRIBUTION: White with report, Yellow to AL, Pink to Courier

09/19/2003 08:30 FAX → PINN 001

File : C:\HPCHEM\2\DATA\091903F\09190303.D
Operator : VP
Acquired : 19 Sep 2003 8:48 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: GRO CCV 200PPB
Misc Info : GC4-113-20
Vial Number: 3



File : C:\HPCHEM\2\DATA\091903F\09190302.D
Operator : VP
Acquired : 19 Sep 2003 8:20 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: RT STD
Misc Info : GC4-111-20
Vial Number: 2



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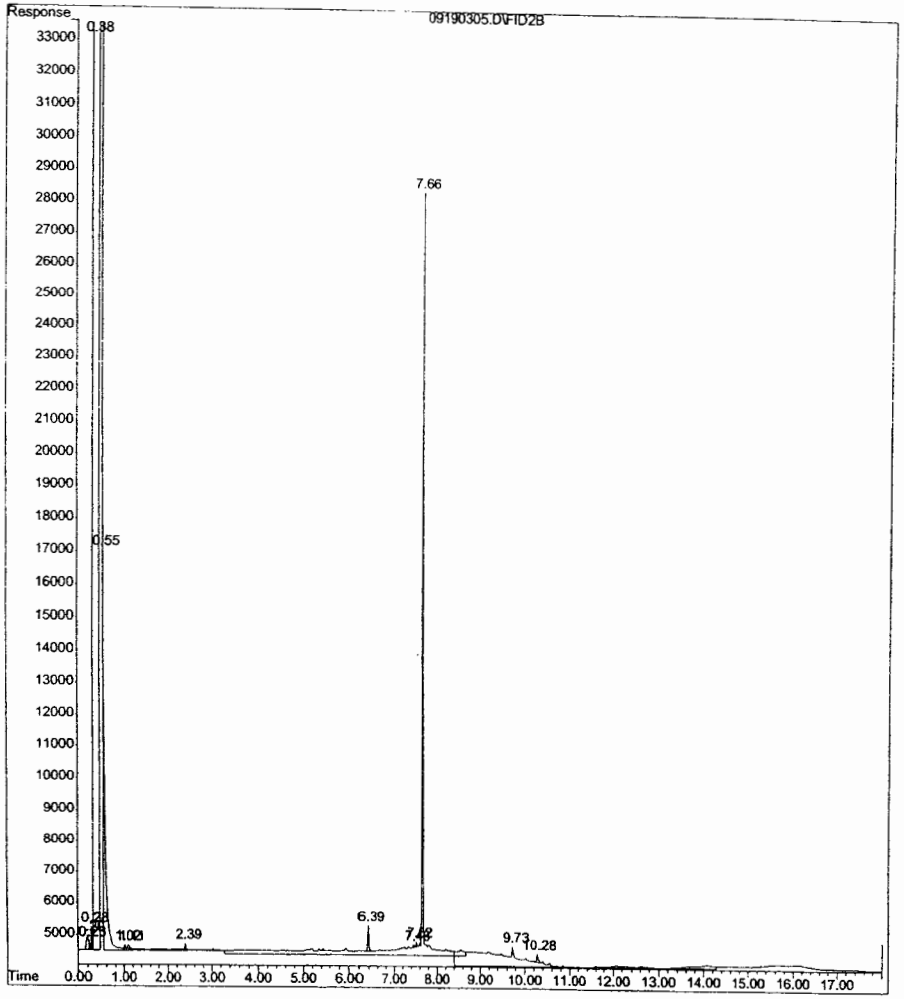
Operator : VP
Acquired : 19 Sep 2003 10:16 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: SRB0917
Misc Info : 10G/10ML 9/17
Vial Number: 5



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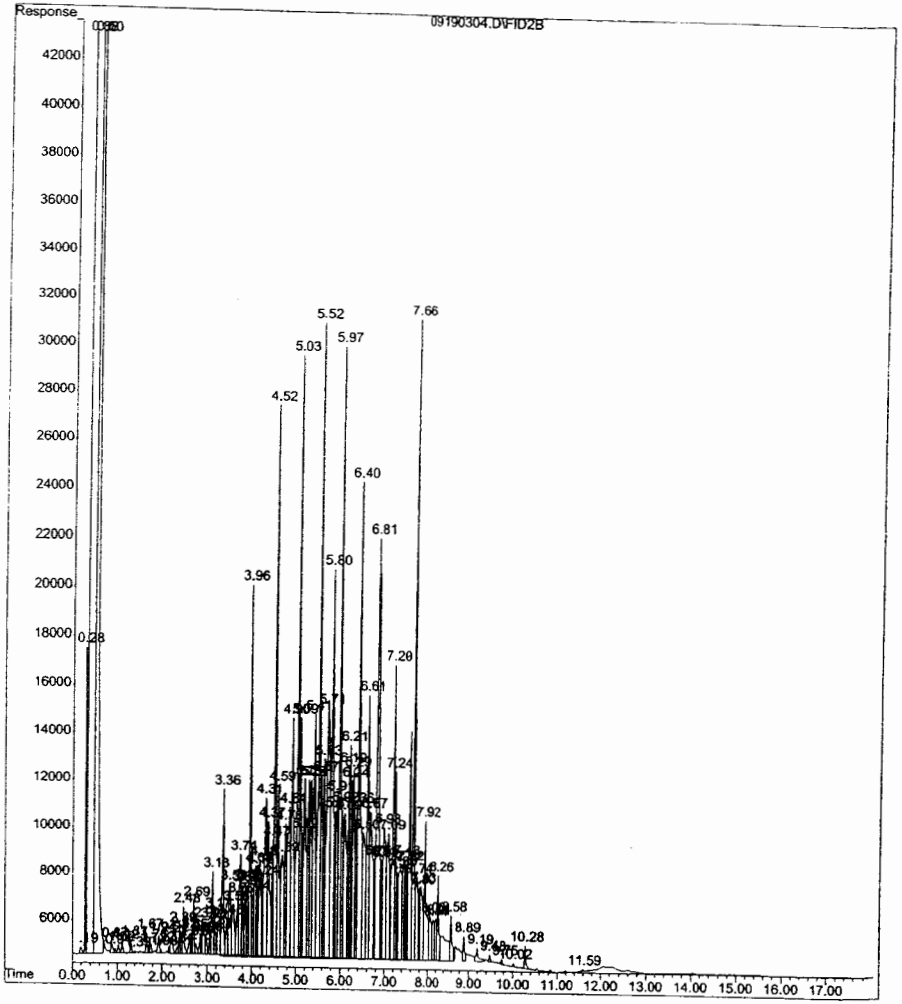
Operator : VP
Acquired : 19 Sep 2003 9:16 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: DRO CCV 200PPB
Misc Info : GC4-114-01
Vial Number: 4



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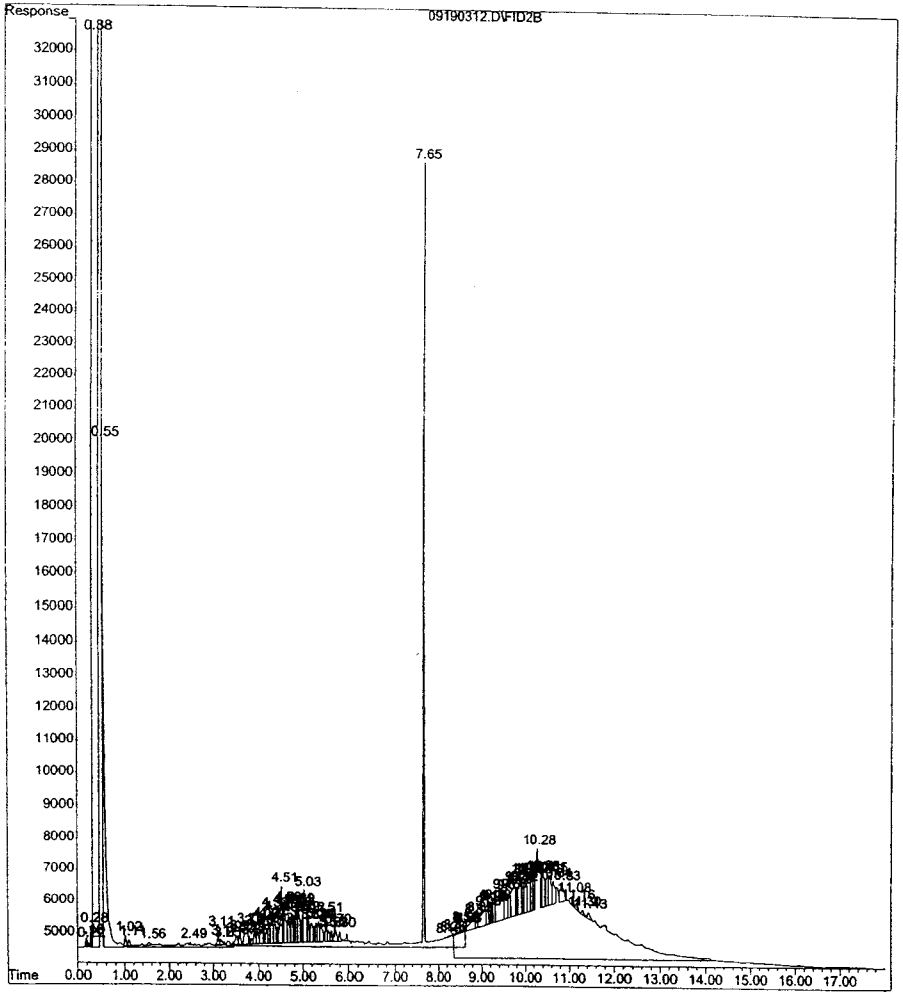
Operator : VP
Acquired : 19 Sep 2003 13:33 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309083-02
Misc Info : 10G/10ML 9/17
Vial Number: 11



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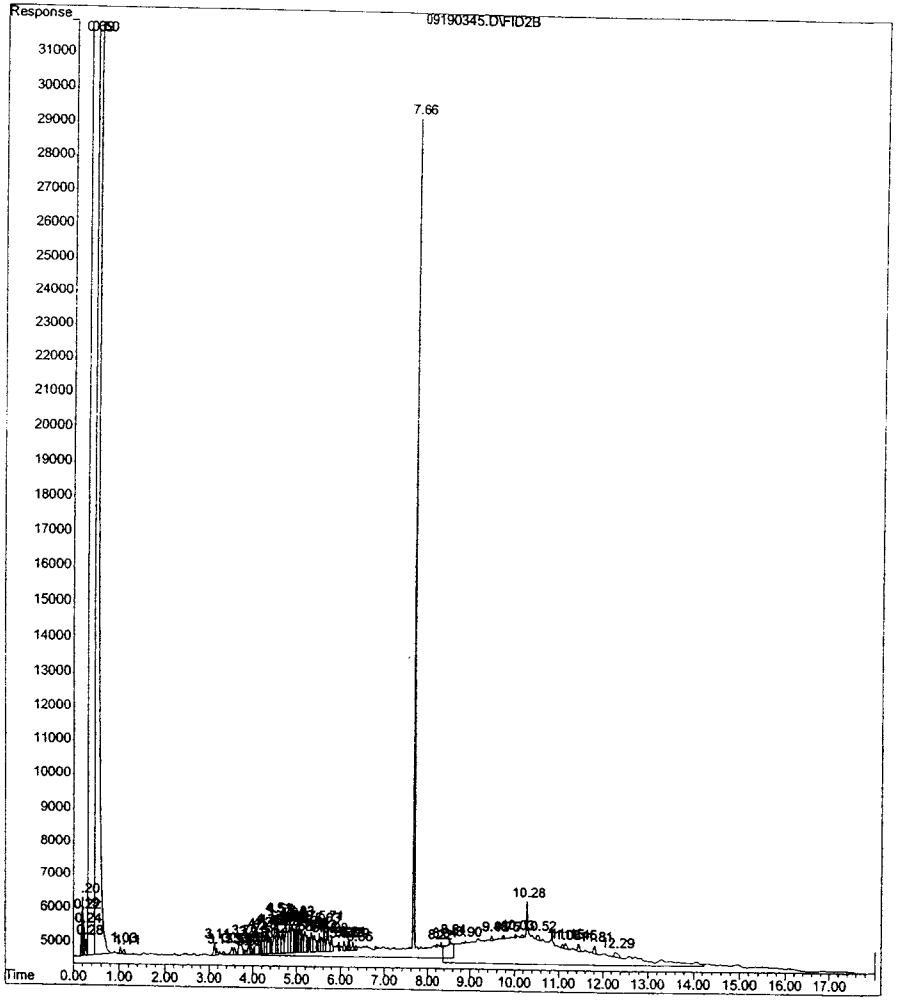
Operator : VP
Acquired : 20 Sep 2003 5:03 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309083-01
Misc Info : 10G/10ML 9/17
Vial Number: 41



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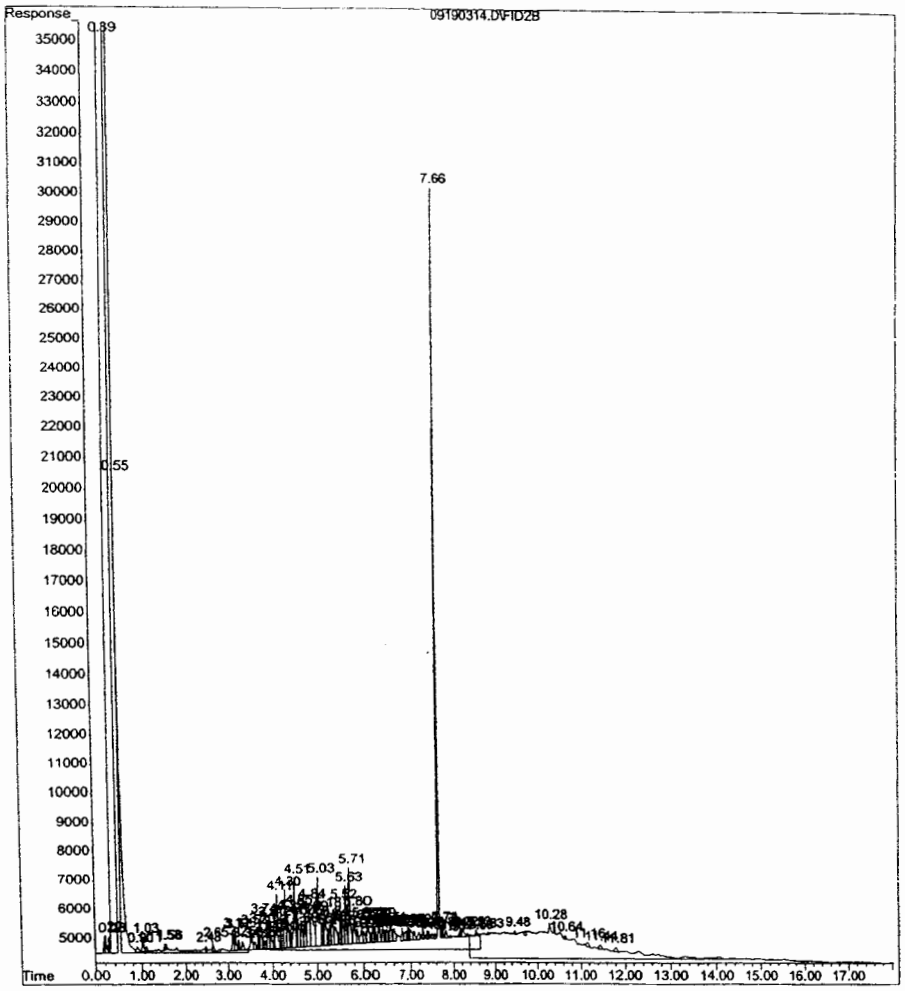
Operator : VP
Acquired : 19 Sep 2003 14:30 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309083-04
Misc Info : 10G/10ML 9/17
Vial Number: 13



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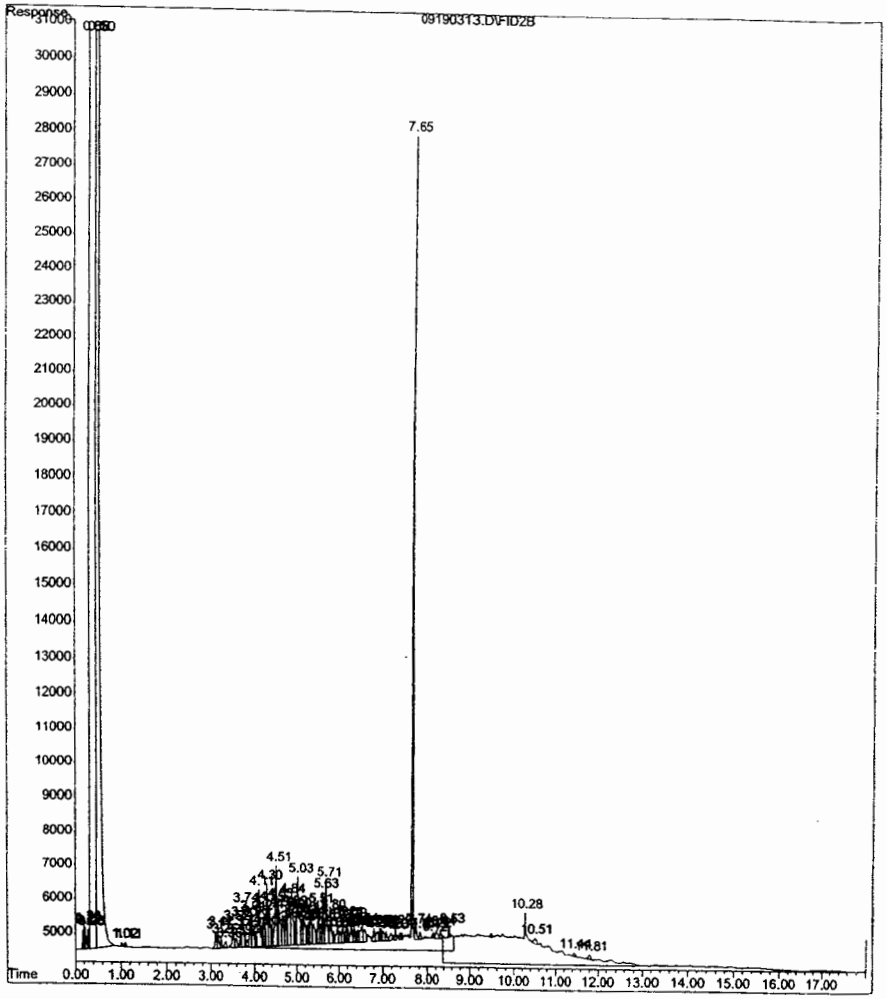
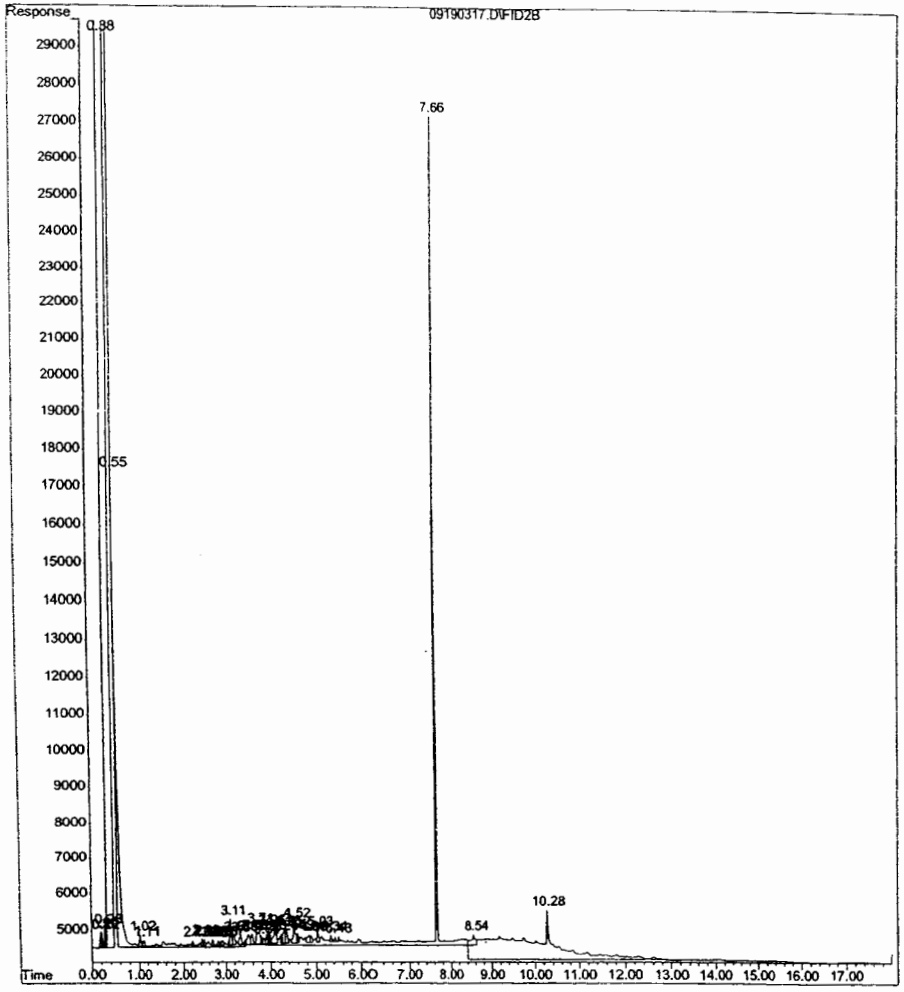
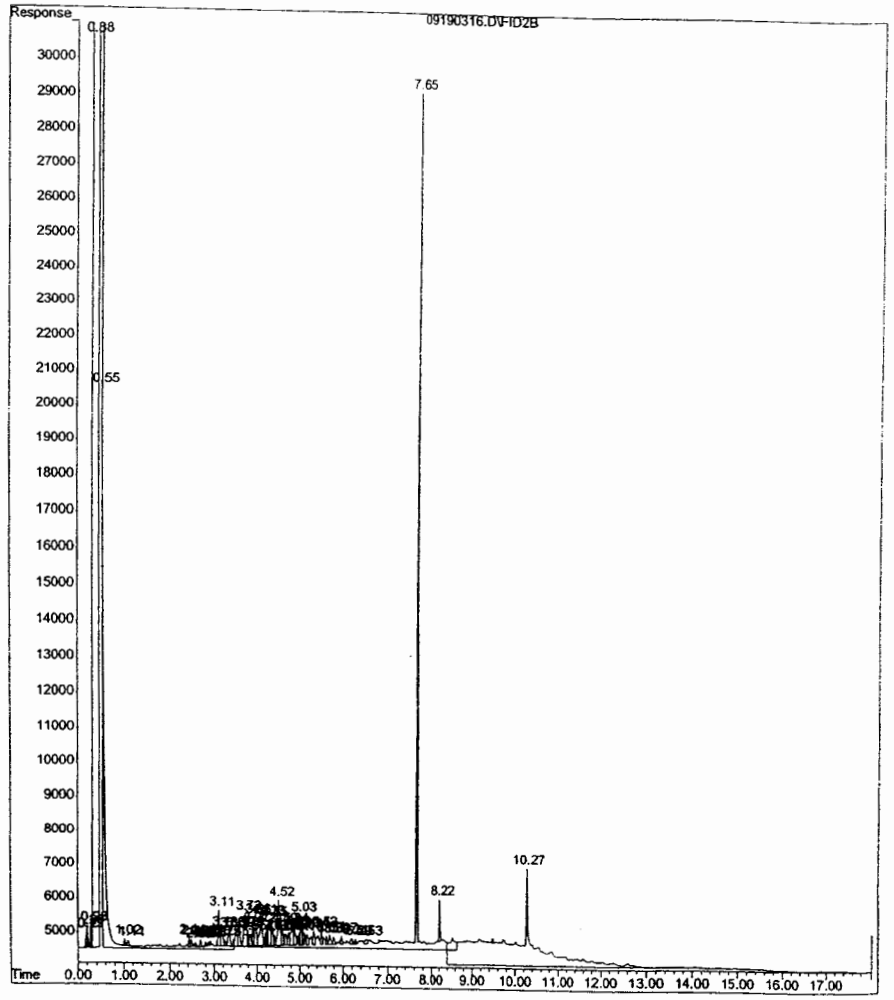
Operator : VP
Acquired : 19 Sep 2003 14:02 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309083-03
Misc Info : 10G/10ML 9/17
Vial Number: 12



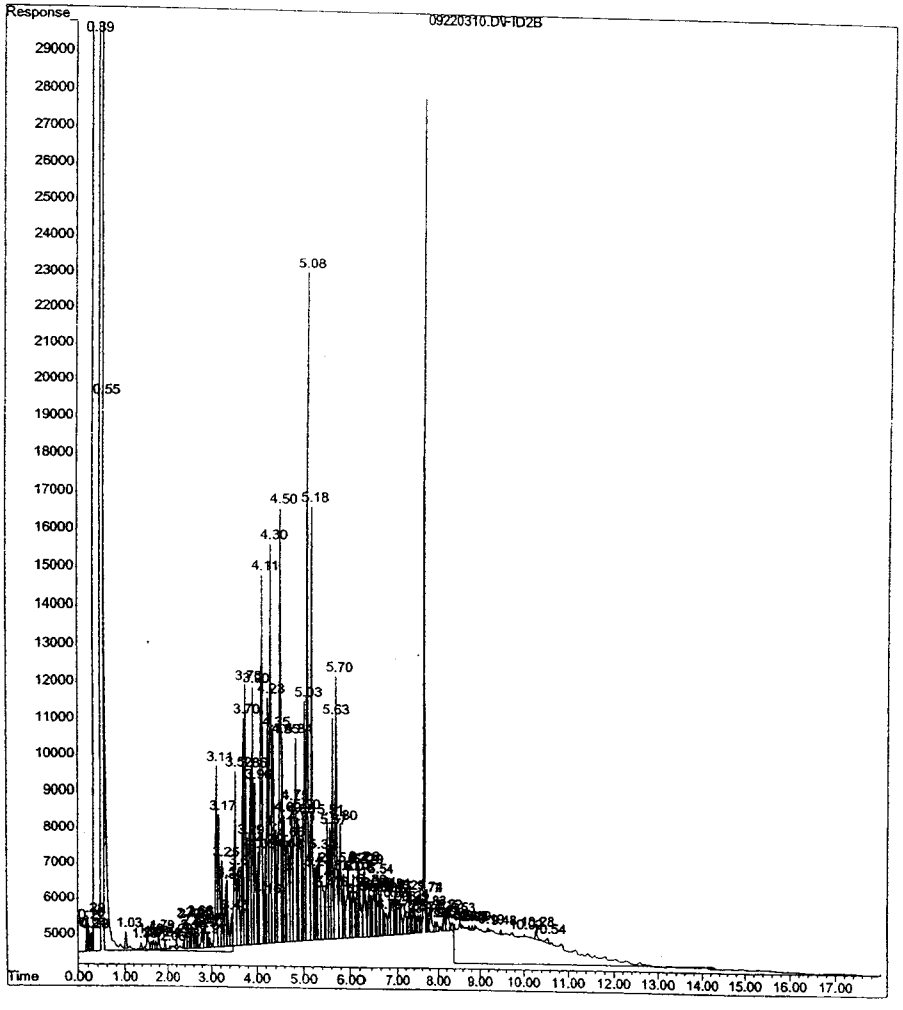
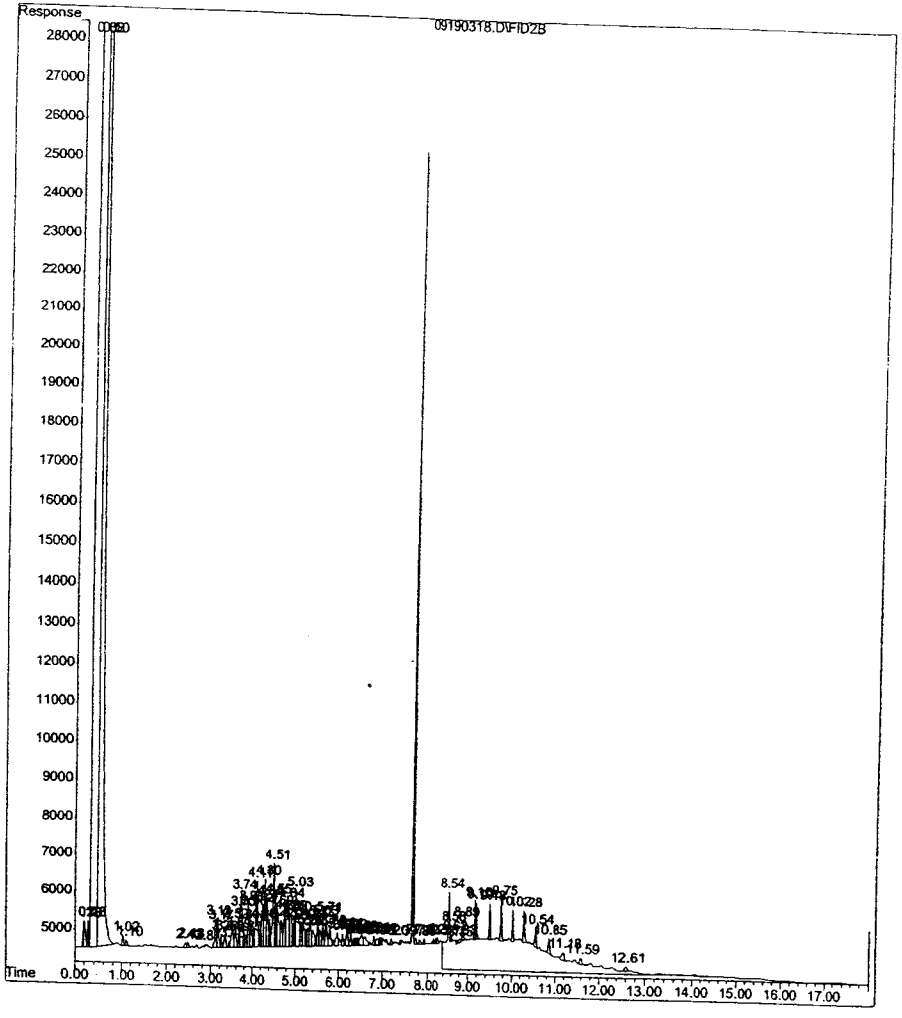
File : C:\HPCHEM\2\DATA\091903F\09190317.D
Operator : VP
Acquired : 19 Sep 2003 15:54 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309083-06
Misc Info : 10G/10ML 9/17
Vial Number: 16



File : C:\HPCHEM\2\DATA\091903F\09190316.D
Operator : VP
Acquired : 19 Sep 2003 15:26 using AcqMethod TPH0916.M
Instrument : FID-1
Sample Name: 309083-05
Misc Info : 10G/10ML 9/17
Vial Number: 15



File : C:\HPCHEM\2\DATA\092203F\09220310.D
Operator : VP
Acquired : 22 Sep 2003 15:46 using AcqMethod TPH0916.M
Instrument : FID-1
Samplé Name: 309083-08 RR
Misc Info : 10G/10ML 9/17
Vial Number: 10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Instrument : FID-1
Sample Name: 309083-07
Misc Info : 10G/10ML 9/17
Vial Number: 17