REVISED FINAL
THIRD ADDITIONAL SOIL AND GROUNDWATER INVESTIGATION REPORT

Hanson Radum Site
3000 Busch Road
Pleasanton, California

PREPARED FOR:

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PREPARED BY:

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5.0 SUMMARY AND RECOMMENDATIONS

Four borings were drilled at the Hanson Site to assess soil and groundwater conditions. The boring locations were selected to assess the vertical and lateral extent of previous detections of TPH-d and TPH-mo in soil in parcel C in the vicinity of the SS(123) boring location and reported in the Additional Soil and Groundwater Investigation Report, dated February, 2007. The borings were also used for collecting grab groundwater samples. Both soil and groundwater samples were analyzed for TPH-d and TPH-mo. Soil samples were additionally analyzed for semi-volatile compounds.

TPH-d has been detected in shallow soil (10 feet bgs or less) from borings 123(F) and 123(G), and in deep soil (greater than 10 feet bgs) from borings 123(E), 123(F), and 123(H), at concentrations above residential ESLs. TPH-mo has been detected in shallow soil (10 feet bgs or less) from borings 123(F) and 123(G) at concentrations above residential ESLs. TPH-mo was detected in the analysis of deep soil samples (greater than 10 feet bgs) from borings 123(E), 123(F), and 123(H) at concentrations above residential ESLs. However, ENV America believes that the TPH detections in soil are attributable to the methylene chloride extraction process used by the laboratory, extracting TPH compounds from asphalt particulates in the soil.

TPH-d and TPH-mo were detected above the RWQCB's ESL (100 µg/L) in groundwater from boring 123(F). Again, ENV America believes that detections of TPH compounds in the turbid grab groundwater samples are the result of the laboratory methylene chloride extraction process that dissolves the TPH otherwise bound up in asphalt particulates suspended in the samples.

First groundwater was encountered at approximately 20 feet bgs in boring 123(E), 23.5 feet bgs in borings 123(F) and 123(G), 32.5 feet bgs in boring 123(H). Groundwater at the Site has generally been encountered in the past at varying depths from approximately 50 to 100 feet bgs. It is ENV America's opinion that the water encountered in borings 123(E, F, G, and H) represents a perched water bearing zone, and is not representative of general groundwater conditions at the Site.

ENV America recommends meeting with the lead regulatory agency to discuss soil and groundwater conditions prior to any further action at the Site.

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1.0 SITE BACKGROUND INFORMATION

The Hanson Radum site (the Site) is located at 3000 Busch Road, Pleasanton, California (Figure 1) and consists of a total of approximately 1,000 acres, of which approximately 300 acres are developable land. The Site is currently developed with seven structures: a 12,000 sq. ft. single story office building where Hanson maintains offices, a 12,150 sq. ft. heavy maintenance shop, two open warehouse structures totaling approximately 10,400 sq. ft., a 900 sq. ft. lubricant storage shed, and two temporary office trailer buildings. The Site is currently zoned as "General and Limited Industrial" and includes all or portions of Alameda County Assessor's Parcels 946-1128-004-04, 946-1250-019-01, 946-1250-006-02, 946-1250-007-06, 946-1251-007-02, 946-1251-007-04, 946-1350-003-04, 946-1350-003-06, and 946-1350-003-07.

Prior to 1938, portions of the Site were used for agriculture and portions were undeveloped. Beginning in 1938 the Site was mined for its aggregate resources by Kaiser Sand and Gravel. Initially mining operations were carried out in the southwestern portion of the site and later expanded to the east, northeast, and northwestern portions of the Site. As mining progressed from one area to the next, mined out areas were either backfilled with rubble, debris, and mine waste, or used as disposal ponds for water, silt, and sand from aggregate washing operations and new pit dewatering. In 1991 the mining operation was purchased by Hanson Aggregates and operated until 2001 at which time the aggregate resource was considered mined out. During various periods of operation of the facility a concrete batch plant and an asphalt plant were operated on portions of the Site. Hanson currently maintains a single story office building, a heavy equipment maintenance shop, a lube shed and several storage buildings on the Site.

Currently there are three large ponds, Lake I, Lake H, and Cope Pond, and one small storm water retention pond on the Site. The total area of the ponds is approximately 700 acres. The dry land portions of the Site consist primarily of areas that have been mined for aggregate and backfilled with spoil from mining in the current pond areas and material from unknown outside sources. The remains of mining building foundations and concrete slabs are common in the southwestern areas of the site. Piles of broken concrete from building demolition also occupy the southern portions of the Site. Large piles of unused aggregate also occupy southern portions of Site. The current operation areas of the Site (Hanson's office, heavy equipment maintenance shop, and warehouse) are all located in the southwestern portion of the Site.

The Site is generally flat except where mining operations have created large depressions that are currently occupied by ponds, areas where large piles of aggregate have been left in place, and areas where foundations have been removed and large piles of concrete have been stored. The

general surface elevation, except in the pond areas, varies from approximately 360 to 375 feet above mean sea level.

2.0 PROJECT SUMMARY

ENV America, on behalf of Legacy Partners Commercial (LPC), performed an additional soil and groundwater investigation (Additional Soil and Groundwater Investigation Report, 2007, ENV America) at the Site during January/February 2007, based on findings reported in the Draft Phase II Environmental Site Assessment, dated November 2006 (Draft Phase II ESA, 2006, ENV America). The objective of this additional soil and groundwater investigation was to further characterize the soil and groundwater conditions at the Site. During the additional soil and groundwater investigation 12 shallow and five deep soil borings were drilled to collect soil groundwater samples within portions of parcels B, C, D, E, F, and G at the Site. Total petroleum hydrocarbons quantified as diesel (TPH-d) and motor oil (TPH-mo) were detected in deeper soil (10 feet below ground surface [bgs] or greater) from borings SS(123), at concentrations above residential Environmental Screening Levels (ESLs). At this specific location ENV America recommended that additional investigations be performed to assess the lateral and vertical extent of the TPH-d and -mo in soil and to collect grab groundwater samples to evaluate whether groundwater in the vicinity of these high TPH soil results was affected. Figure 2 shows the boring locations.

ENV America performed a second additional soil and groundwater investigation (Second Additional Soil and Groundwater Investigation Report, 2007, ENV America) at the Site on March 8, 2007 to assess the vertical and lateral extent of TPH-d and TPH-mo in soil encountered in boring SS(123) during the Site investigation that was performed during January/February 2007. Four soil borings, 123(A), 123(B), 123(C), and 123(D) were drilled in the vicinity of boring SS(123), and soil and groundwater samples were collected. Figure 3 shows those boring locations.

TPH-d was detected in shallow soil (10 feet bgs or less) and in deep soil (greater than 10 feet bgs) from all four borings at concentrations above residential ESLs. TPH-mo was detected in shallow soil (10 feet bgs or less) from borings 123(B), 123(C), and 123(D), and in deep soil (greater than 10 feet bgs) from borings 123(A), 123(B), and 123(C) at concentrations above the residential ESL.

TPH-d was detected above the Regional Water Quality Control Board's (RWQCB's) ESL (100 µg/L) in groundwater from all four borings. TPH-mo was detected above the RWQCB's ESL (100 µg/L) in groundwater from boring 123(B) at 520 µg/L.

A solid black, fine gravel size material with physical characteristics similar to that of asphalt was encountered at varying depths in all four borings. This material was observed in varying amounts in the samples, generally ranging from approximately 10% to 30%.

3.0 PROJECT OBJECTIVES AND SCOPE OF WORK

ENV America performed a soil and groundwater investigation at the Site on May 16 and 17, 2007 to assess the vertical and lateral extent of total petroleum hydrocarbons quantified as diesel (TPH-d) and motor oil (TPH-mo) in soil encountered during Site investigations that were performed during January, February, and March 2007.

3.1 Scope of Work

The soil and groundwater investigation scope of work included drilling four soil borings to collect soil and groundwater samples within parcel C in the vicinity of the previously drilled soil boring SS(123).

3.2 Project Coordination

Prior to initiating drilling, and sampling activities, ENV America coordinated the following tasks:

- Coordination with Underground Service Alert (USA) to clear drilling locations for underground utilities at proposed drilling locations;
- Coordination with a private utility locator to additionally screen for underground utilities at proposed drilling locations on-Site;
- Preparation of a Site-specific Health and Safety Plan for ENV America personnel; and
- Obtaining a soil boring permit from the Zone 7 Water Agency - Water Resources Management.

3.3 Investigation Procedure Summary

ENV America subcontracted with Gregg Drilling and Testing of Martinez, California, a C-57 licensed driller to conduct the drilling of four soil borings [123(E, F, G, & H)] with a truck-mounted hollow stem drill rig for the purposes of collecting soil and groundwater samples. The borings were drilled approximately 125 feet north, south, east, and west of boring SS(123). Figure 3 shows the boring locations. Borings were drilled to first encountered groundwater and "grab" groundwater samples were collected from each borehole using disposable bailers deployed through the augers. Following the collection of "grab" groundwater samples the borings were advanced until a low hydraulic conductivity clay layer was encountered. Once the

clay layer was encountered, the borings were terminated to preclude penetrating the clay layer and potentially creating a contaminant pathway to lower water bearing zones.

Six additional attempts to collect soil samples and a groundwater sample were made approximately fifty feet south of the 123(F) boring location. Each attempt resulted in auger refusal due to the presence of concrete debris in the shallow subsurface.

2.3.1 Soil Sampling and Analyses

Boreholes were drilled with a CME-57, hollow-stem auger drill rig. Soil was sampled approximately every five feet, and logged in the field by an ENV America field geologist using the visual-manual procedures of ASTM Standard D-2488-00, which is based on the Unified Soil Classification System, for guidance, and using Munsell Soil Color Chart designations. A photo-ionization detector (PID) that screens for volatile organic compounds was used to screen soil samples in the field. Soil samples were collected from depths of approximately 5, 10, 15, 20, 25, 30, and 35 feet bgs for laboratory analysis. The soil was collected in new 6-inch by 1.5-inch brass liners fitted into a split-spoon sampler. Soil samples retained for laboratory analysis were sealed with Teflon sheets and tightly fitting end caps. New augers were used between each sampling location and all down-hole sampling equipment was decontaminated with liquinox detergent and triple washing/rinsing techniques prior to each use. Boreholes were backfilled by tremie-pipe techniques using type I/II neat cement grout.

All soil samples were retained for laboratory analysis in appropriate sample containers, assigned a unique identification label, placed into an ice-filled cooler, and delivered under chain of custody protocol to Severn Trent Laboratories in Pleasanton, California, a State of California certified laboratory.

Soil samples were analyzed for TPH-d, and TPH-mo by EPA Test Method 8015 Modified, and Semi-volatiles by EPA Test Method 8270C. In the laboratory, the soil samples undergo an extraction process where the TPH is extracted from the sample using methylene chloride. The methylene chloride extracts all petroleum compounds from the soil matrix, including any TPH that is bound up in the form of asphalt particulates.

2.3.2 Groundwater Sampling and Analyses

Groundwater samples were collected from all four boring locations. Groundwater samples were collected through the augers using disposable bailers. Because the groundwater samples were collected as “grab” samples through the open augers, the water collected was turbid, with a

substantial amount of suspended particulate matter. As with the soil samples, methylene chloride is used as an extractant with the groundwater samples and TPH in any asphalt particulates suspended in the sample is extracted.

All water samples were retained for laboratory analysis in appropriate sample containers, assigned a unique identification label, placed into an ice-filled cooler, and delivered under chain of custody protocol to Severn Trent Laboratories in Pleasanton. Water samples were analyzed for TPH-d and TPH-mo by EPA Test Method 8015 Modified.

4.0 RESULTS OF SOIL AND GROUNDWATER SAMPLING

The section below summarizes physical conditions encountered in the field and the laboratory analytical results.

4.1 Lithology

Boring 123(E) was drilled to a depth of 30 feet bgs, and boring 123(F) was drilled to a depth of 30 feet bgs. Borings 123(G), and 123(H) were each drilled to a depth of 35 feet bgs. First water was encountered in what appears to be a perched water bearing zone at approximately 20 feet bgs in boring 123(E), 23.5 feet bgs in borings 123(F and G), and 32.5 feet bgs in boring 123(H). Lithology in all borings generally consisted of poorly graded gravel and sand with low to medium plasticity fines. A solid black, fine gravel size material with physical characteristics similar to that of asphalt was observed at approximately 20 and 25 feet bgs in boring 123(F), and again at 10 and 15 feet bgs in boring 123(H). This material was present in varying amounts in the samples, generally ranging from approximately 2% to 10%. This material was also observed to be present in the surficial soil in varying amounts. Soil boring logs are included as Exhibit A. Lithological sections generated by grouping lithologically similar areas are included as Figures 4 and 5. However, because the units shown are completely composed of fill, they are not necessarily stratigraphically continuous.

4.2 Soil Analytical Results Summary

The soil analytical results have been compared to applicable residential Environmental Screening Levels (ESLs) for soil established by the California Regional Water Quality Control Board – San Francisco Bay Region (RWQCB). ESLs applicable to shallow soil in a residential setting where groundwater is a current or potential drinking water resource were used to evaluate samples collected down to a depth of 10 feet. ESLs applicable to deep soil in a residential setting where groundwater is a current or potential drinking water resource were used to evaluate samples collected below a depth of 10 feet. ESLs for TPH-d, and -mo under the former scenario are 100 mg/kg and 500 mg/kg, respectively. Applicable ESLs for TPH-d and -mo for the latter scenario are 100 mg/kg and 1,000 mg/kg, respectively.

TPH-d has been detected in the analysis of shallow soil samples (10 feet bgs or less), from borings 123(F) and 123(G), at concentrations above residential ESLs. TPH-d has been detected in the analysis of deep soil samples (greater than 10 feet bgs), from borings 123(E), 123(F), and 123(H) at concentrations above residential ESLs. TPH-mo has been detected in the analysis of

TABLE 1
SUMMARY OF ANALYTICAL RESULTS - SOIL

Hanson Radum Site

3000 Busch Road
Pleasanton, California

					SVOCs															
			Concentration (mg/kg)		Concentration (ug/kg)															
			TPH-d (C_{10}-C_{28})	TPH-mo (C_{28}-C_{36})	Naphthalene	Acenaphthene	Acenaphthylene	Fluorene	Phenanthrene	Anthracene	Benzo[a]anthracene	Chrysene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[g,h,i]perylene	Indeno[1,2,3-cd]pyrene	Fluoranthene	Pyrene	Dibenz(a,h)anthracene
Sample ID	Sample Date	Sample Depth (ft)																		
123(E)-5	5/16/07	5	**13**	**51**	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8
123(E)-10	5/16/07	10	**38**	**130**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
123(E)-15	5/16/07	15	**300**	**930**	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99
123(E)-25	5/16/07	25	**13**	<50	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**5.7**	**6.0**	**7.7**	**9.1**	<4.9	**6.9**	**5.2**	**8.7**	**11**	<4.9
123(F)-5	5/16/07	5	**550**	**2700**	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99	<99
123(F)-10	5/16/07	10	**220**	**910**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
123(F)-15	5/16/07	15	**270**	**760**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
123(F)-20	5/16/07	20	**180**	**510**	<4.9	<4.9	<4.9	<4.9	**19**	<4.9	**7.0**	**7.9**	**5.9**	**7.8**	<4.9	<4.9	<4.9	**18.0**	**20**	<4.9
123(F)-25	5/16/07	25	**17**	**59**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
123(F) 30	5/16/07	30	**2.1**	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
123(G)-5	5/16/07	5	**790**	**2800**	<490	<490	<490	<490	<490	<490	<490	<490	<490	<490	<490	<490	<490	<490	<490	<490
123(G)-10	5/16/07	10	**22**	<49	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
123(G)-15	5/16/07	15	**1.4**	<49	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
123(G)-20	5/16/07	20	**18**	<48	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**5.9**	**10**	**6.7**	**7.2**	**11**	**8.7**	**8.5**	<4.9	<4.9	**10**
123(G)-25	5/16/07	25	**6.3**	<49	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
123(G)-30	5/16/07	30	**1.8**	<48	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
123(G)-35	5/16/07	35	**1.8**	<47	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
123(H)-5	5/17/07	5	**53**	**170**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
123(H)-10	5/17/07	10	**15**	<48	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
123(H)-15	5/17/07	15	**150**	**570**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	**59**	<50	<50	<50	<50
123(H)-20	5/17/07	20	**31**	<46	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
123(H)-25	5/17/07	25	**19**	**51**	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9
123(H)-30	5/17/07	30	**6.9**	<48	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
123(H)-35	5/17/07	35	**4.6**	<46	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
ESL for Shallow Soil		< o r = 10 feet bgs	100	500	460	160	130	8900	11000	2800	380	3800	38	380	380	27000	380	40000	85000	110
ESL for Deep Soil		> 10 feet bgs	100	1000	460	16000	13000	8900	11000	2800	12000	19000	1500	15000	2700	27000	7700	60000	85000	4300

Abbreviations/Acronyms:

SVOCs - Semi volatile Organic Compounds by Environmental Protection Agency's (EPA) Test Method 8270C
TPH - Total Petroleum Hydrocarbons by EPA Test Method 8015B
mg/l - Milligrams per liter.
µg/kg- Micrograms per kilogram
<## - Not detected at or above the laboratory reporting limit (shown)
ESL - California Regional Water Quality Control Board Environmental Screening Level.

shallow soil samples (10 feet bgs or less), from borings 123(F) and 123(G), at concentrations above residential ESLs. TPH-mo was detected in the analysis of deep soil samples (greater than 10 feet bgs) from borings 123(E), 123(F), and 123(H). However, ENV America believes that the detections of TPH-d and -mo range constituents in these samples is directly attributable to the laboratory methylene chloride extraction process that has extracted TPH that would otherwise be bound up in the asphalt particles in the soil and that no free TPH is present in the soil samples.

No other compounds analyzed were detected above ESLs. Soil analytical results are tabulated and presented in Table 1.

4.3 Water Analytical Results Summary

Groundwater samples were collected from all four borings. The water analytical results have been compared to applicable ESLs for groundwater where groundwater is a current or potential drinking resource (Table F-1a), as established by the RWQCB. TPH-d and TPH-mo have been detected in the analysis of water samples from boring 123(F) at concentrations above residential ESLs (100 µg/L). However, as with the soil samples, ENV America believes that the methylene chloride extraction of the turbid grab groundwater samples in the laboratory has resulted in TPH being extracted from asphalt particulates suspended in the samples and that the TPH compounds detected are not actually present in the groundwater. Groundwater analytical results are tabulated and presented in Table 2.

6.0 SIGNATURE PAGE

6.1 Corporate Qualifications

ENV America was formed in 1992 and incorporated in the State of Delaware. ENV America provides professional services in environmental engineering, involving the application of science and engineering to environmental compliance, contamination assessment and cleanup, and the management of hazardous, solid and industrial waste. Soil and Groundwater Investigations are a part of this practice area.

6.2 Individual Qualifications

The qualifications of the Project Manager and the other environmental professionals involved in this Third Additional Soil and Groundwater Investigation meet ENV America's corporate requirements for performing soil and groundwater investigations.

This report was prepared under my supervision.

ENV America Incorporated

Allan Atkinson, P.G. #3515, exp. 10/31/08
Principal

TABLES

TABLE 2
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER

Hanson Radum Site

3000 Busch Road
Pleasanton, California

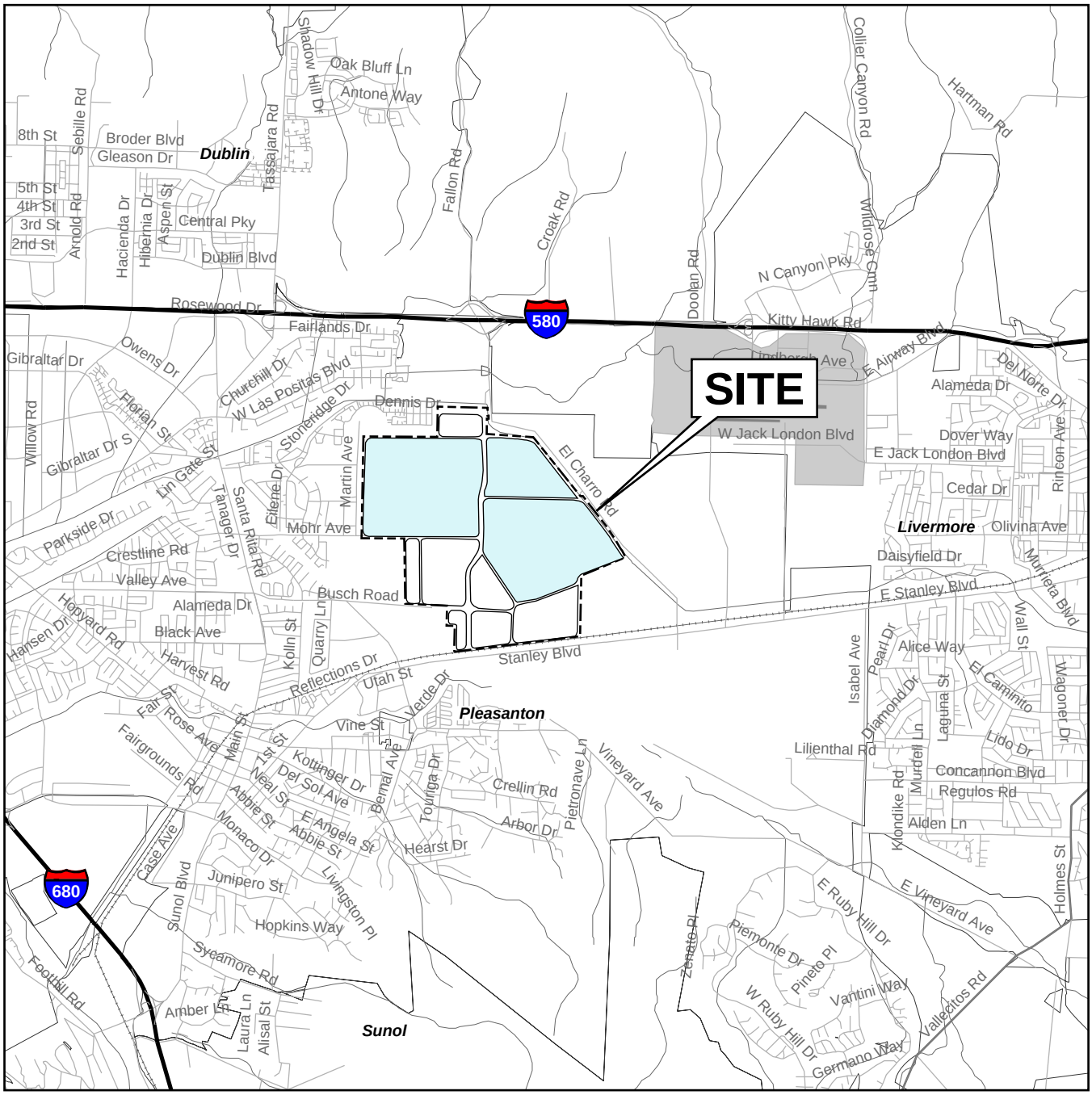
		TPH	
		Concentration (µg/L)	
		TPH-d (C_{10}-C_{28})	TPH-mo (C_{24}-C_{36})
Sample ID	Sample Date		
123(E)	5/16/07	**90**	<500
123(F)	5/16/07	**800**	**710**
123(G)	5/16/07	**76**	<500
123(H)	5/17/07	**68**	<500
ESL for Groundwater		100	100

Abbreviations/Acronyms:

TPH - Total Petroleum Hydrocarbons by Environmental Protection Agency's (EPA) Test Method 8015B.
<## - Not detected at or above the laboratory reporting limit (shown)
µg/kg- Micrograms per kilogram
ESL - California Regional Water Quality Control Board Environmental Screening Levels
where groundwater is a current or potential drinking water resource.

FIGURES

DRAWN BY	CHECKED BY		FILE NAME	_FIG_01
WSL	APPROVED BY		PROJECT NUMBER	LPC0624
5/08/07				



Map created with ArcMap (StreetMap) Software.

N

0 5,000 Feet

ENV AMERICA

ENVIRONMENTAL ENGINEERING, CONSULTING & CONSTRUCTION

FIGURE 1

SITE VICINITY MAP

HANSON RADUM SITE
3000 BUSCH ROAD
PLEASANTON, CALIFORNIA


LEGEND
TEST PIT SAMPLING LOCATION
BOREHOLE SAMPLING LOCATION
SHALLOW SOIL SAMPLE LOCATION
SURFACE WATER SAMPLE LOCATION
SEPTIC TANK SAMPLE LOCATION
STATISTICAL SAMPLING AREA
PARCEL G
27ac
PARCEL F
25ac
PARCEL E
87ac
PARCEL D
42ac
PARCEL C
76ac
PARCEL B
39ac
PARCEL A
17ac
LAKE H
LAKE I
COPE POND
El Charro Rd
SITE
BOUNDARY
Martin Ave
Morh Ave
Busch Road
Stanley Blvd
STORMWATER
RETENTION POND
SS2
SS5
SS14
SS22
SS31
SS33
SS63
SS78
SS90
SS97
SS105
SS123
SS128
SS130
SS137
SS143
0
400 FEET
800 FEET
SCALE 1" = 400'
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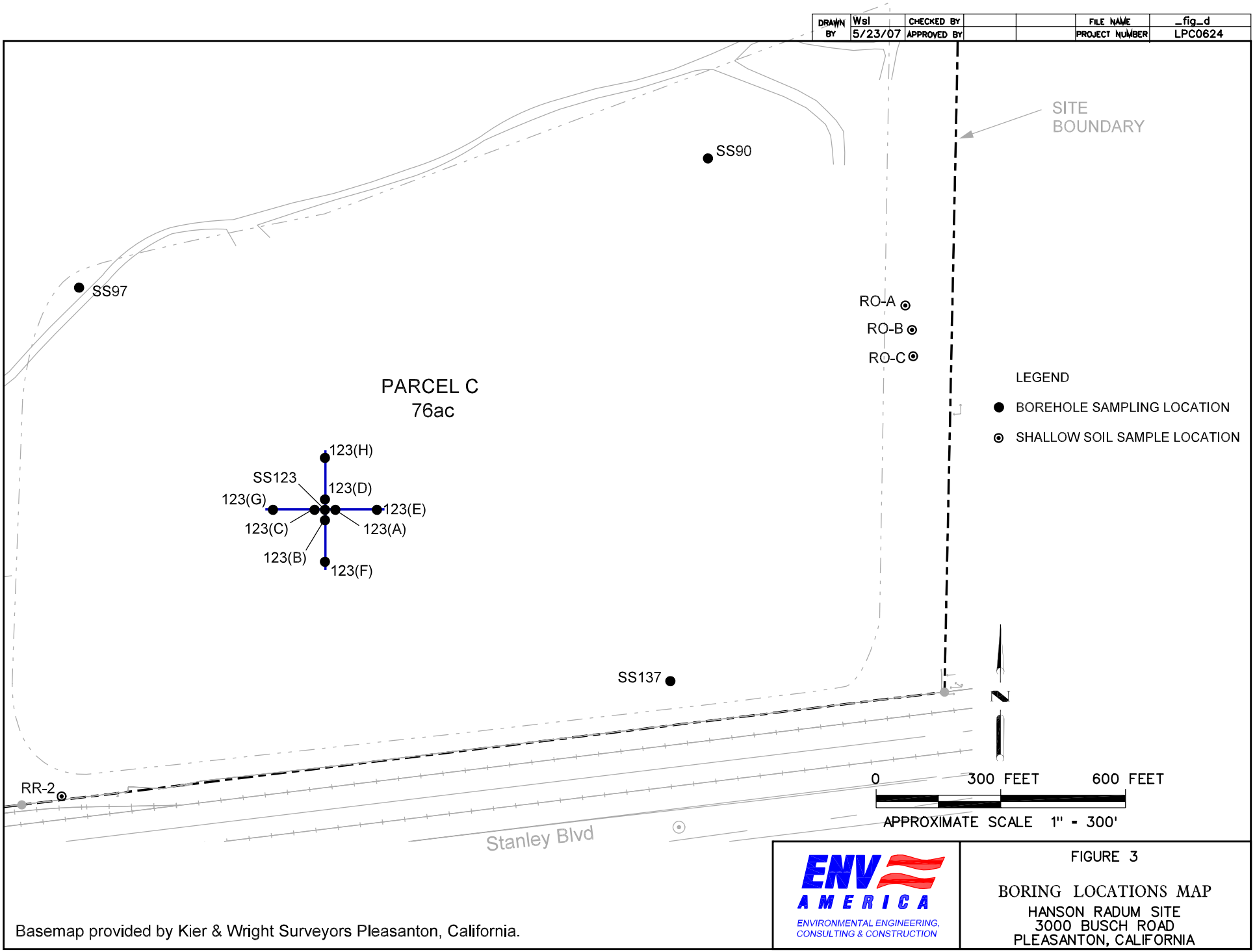
FIGURE 2
SITE MAP WITH SAMPLING LOCATIONS
HANSON RADUM SITE
3000 BUSCH ROAD
PLEASANTON, CALIFORNIA

Basemap provided by Kier & Wright Surveyors Pleasanton, California.


DRAWN BY Wsl
CHECKED BY
FILE NAME _fig_d
5/23/07 APPROVED BY
PROJECT NUMBER LPC0624
SITE BOUNDARY
SS90
SS97
RO-A
RO-B
RO-C
PARCEL C
76ac
LEGEND
BOREHOLE SAMPLING LOCATION
SHALLOW SOIL SAMPLE LOCATION
123(H)
SS123
123(D)
123(G)
123(E)
123(C)
123(A)
123(B)
123(F)
SS137
N
RR-2
0
300 FEET
600 FEET
APPROXIMATE SCALE 1" = 300'
Stanley Blvd
ENV AMERICA
ENVIRONMENTAL ENGINEERING, CONSULTING & CONSTRUCTION
FIGURE 3
BORING LOCATIONS MAP
HANSON RADUM SITE
3000 BUSCH ROAD
PLEASANTON, CALIFORNIA
Basemap provided by Kier & Wright Surveyors Pleasanton, California.

DRAWN BY	CHECKED BY	FILE_NAME	PROJECT NUMBER
WSL 6/25/07	APPROVED BY	Fig_04	LPC0624
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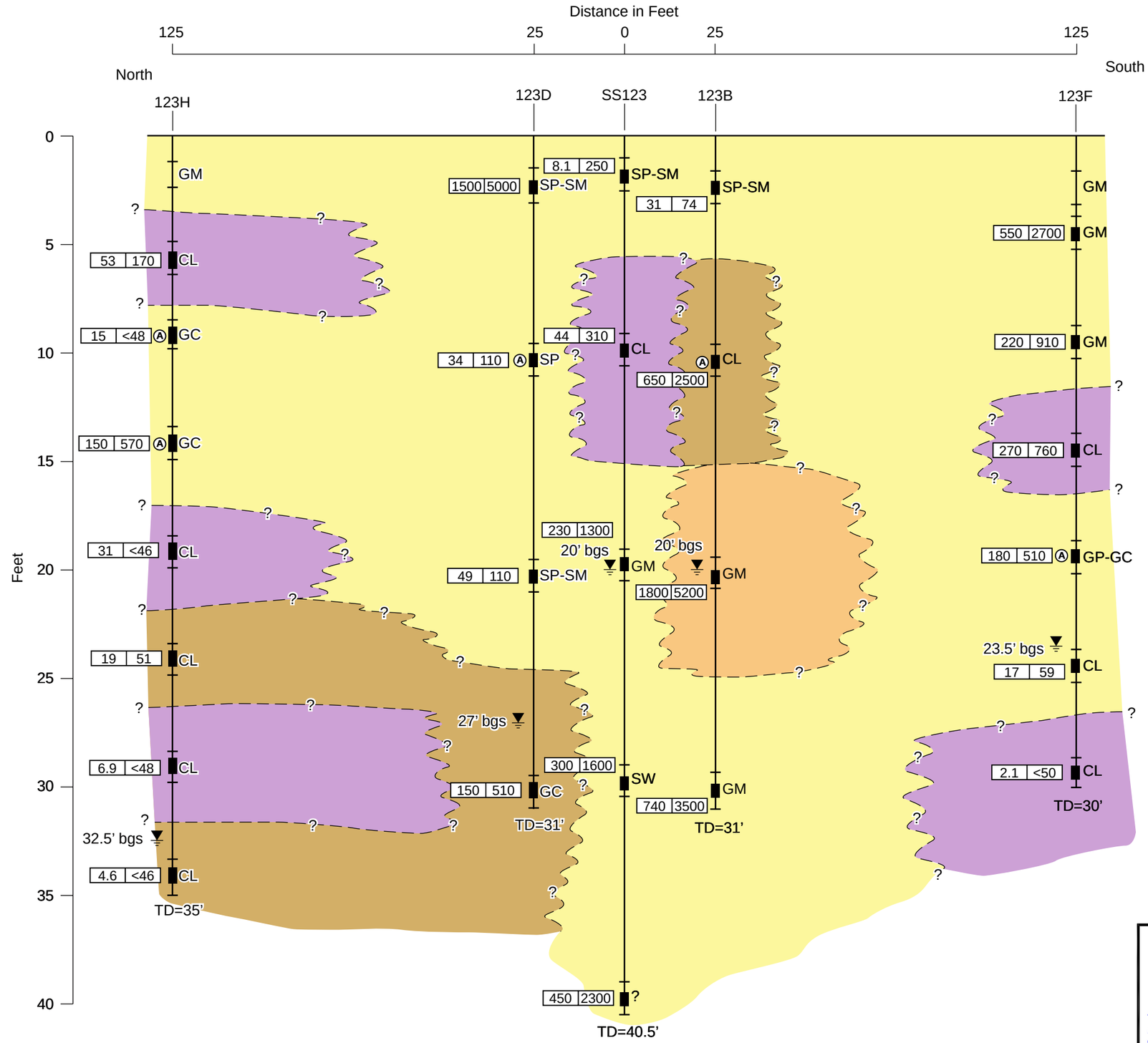

Notes:

1. All locations are approximate.
2. Borehole surface elevation are plotted on single horizontal plane because they have not been surveyed.
3. This section has been drawn by grouping lithologically similar areas. However, because the units shown are completely composed of fill, they are not necessarily stratigraphically continous.

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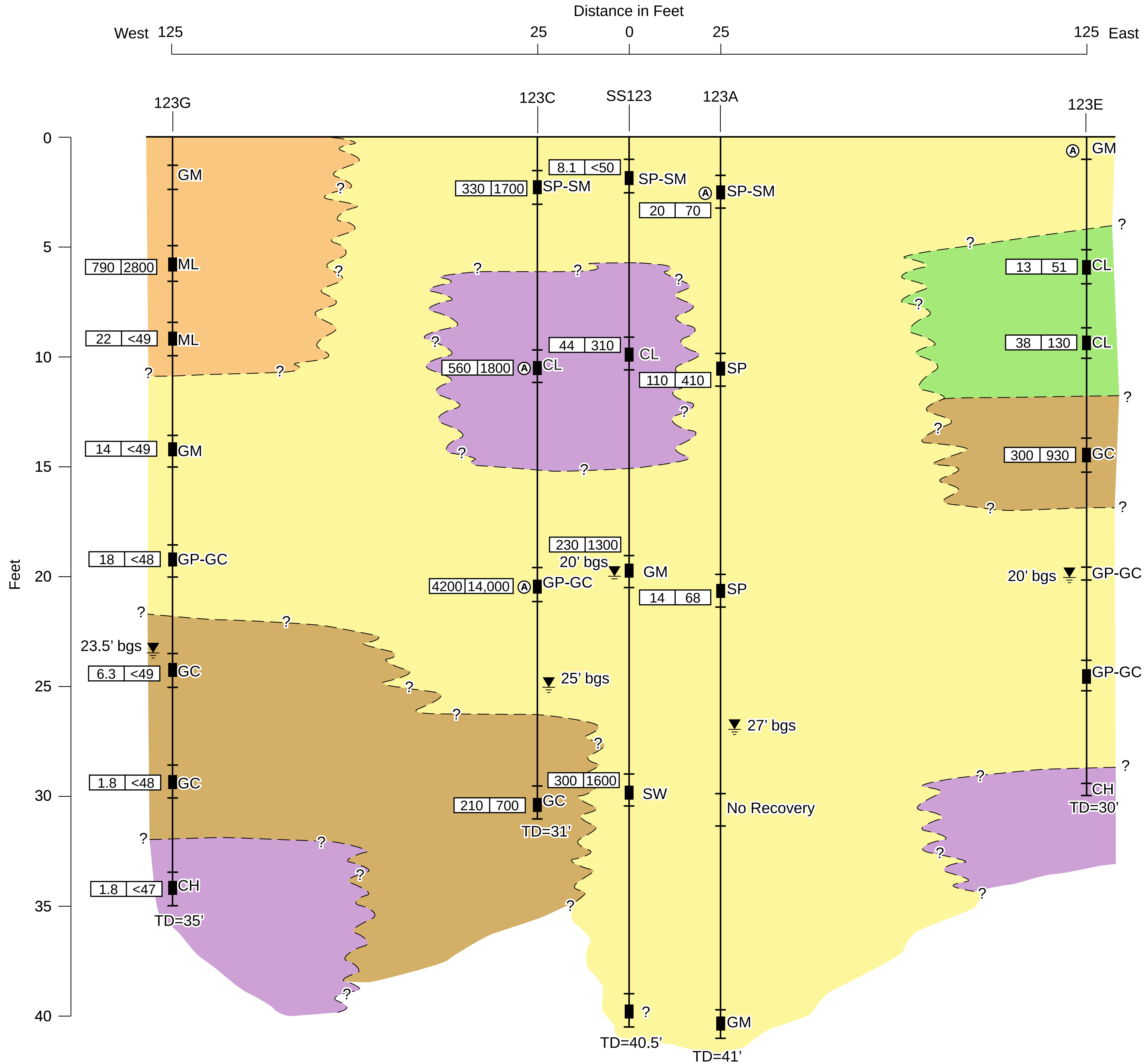
FIGURE 4

LITHOLOGIC SECTION NORTH TO SOUTH

HANSON RADUM SITE
3000 BUSCH ROAD
PLEASANTON, CALIFORNIA



LEGEND

- Silty gravel/gravelly silt with sand
- Sand and gravel with silt/clay
- Clayey gravel/gravelly clay with sand
- Clay with gravel
- Predominantly clay with minor sand and gravel
- Ⓐ Asphalt fragments in sample

300	930

TPH-d (mg/kg) (left value); TPH-mo (mg/kg) (right value)

Notes:

1. All locations are approximate.
2. Borehole surface elevation are plotted on single horizontal plane because they have not been surveyed.
3. This section has been drawn by grouping lithologically similar areas. However, because the units shown are completely composed of fill, they are not necessarily stratigraphically continous.

5 Feet
0
30 Feet

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Figure 5

LITHOLOGIC SECTION
WEST TO EAST

Hanson Radum Site
3000 Busch Road
Pleasanton, California

EXHIBIT A

SOIL BORING LOGS

Project: LPC Hanson | Boring: **123(E)** | Pg. 1 of 1

Drilling Co:	Gregg Drilling & Testing, Inc.	Drilling Method:	Hollow Stem Auger	Logged by:	B. Behr
Date Started:	5/16/07	Sampling Method:	Modified California Drive Sampler	Approved by:	A. Atkinson
Date Completed:	5/16/07	Hole Diameter:	8"	Surface Elevation:	Not Surveyed

Depth in feet	Sample ID	Samples	OVM Reading (ppm)	Water Levels	DESCRIPTION	COMMENTS
0					SILTY GRAVEL with SAND (GM), olive brown (2.5Y 4/5), moist, 50% fine gravel, 25% medium sand, 25% fines,	Observed from cuttings
						Asphaltic material observed
5	123E-5		0		GRAVELLY LEAN CLAY (CL), olive brown (2.5Y 4/5), moist, 70% fines, 30% fine gravel, medium plasticity	
	123E-10		0		⇩ Same as above	Wood chunks observed
10						
	123E-15		0		CLAYEY GRAVEL (GC), olive brown (2.5Y 4/5) and black (2.5Y 2.5/1), moist, 55% fine gravel, 35% fines, 10% fine to medium sand	
15						
			0	▼	POORLY GRADED GRAVEL with CLAY and SAND (GP-GC), olive brown (2.5Y 4/3), wet, 50% fine gravel, 40% medium sand, 10% fines	No sample collected, no recovery
20						
	123E-20		0		⇩ Same as above	Groundwater sample 123(E)-W collected at 23' below ground surface through the hollow stem augers at total depth using a disposable bailer
25						
					GRAVELLY FAT CLAY (CH), olive brown (2.5Y 4/3), moist, 75% fines, 15% fine gravel, 10% medium sand, high plasticity	
30					TOTAL DEPTH 30 FEET BELOW GROUND SURFACE	
35						
40						

NOTES:

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BORING LOG

Project Location	Project No.	Last Revised
3000 Busch Road, Pleasanton, CA	LPC0624	5/31/2007

LOG OF BORING LPC0624.GPJ ENV AMERICA.GDT 6/1/07

Project: LPC Hanson | Boring: **123(F)** | Pg. 1 of 1

Drilling Co:	Gregg Drilling & Testing, Inc.	Drilling Method:	Hollow Stem Auger	Logged by:	B. Behr
Date Started:	5/16/07	Sampling Method:	Modified California Drive Sampler	Approved by:	A. Atkinson
Date Completed:	5/16/07	Hole Diameter:	8"	Surface Elevation:	Not Surveyed

Depth in feet	Sample ID	Samples	OVM Reading (ppm)	Water Levels	DESCRIPTION	COMMENTS
0					SILTY GRAVEL with SAND (GM), olive brown (2.5Y 4/5), 50% poorly graded fine gravel, 25% medium sand, 25% fines	Observed from cuttings
5	123F-5		0		⇩ Same as above	
10	123F-10		0		SILTY GRAVEL with SAND (GM), grayish brown (10YR 5/2), 40% poorly graded fine gravel, 40% fine to medium sand, 20% fines, nonplastic	
15	123F-15		0		SANDY LEAN CLAY (CL), greenish black (GLEYED 10Y), moist, 90% fines, 5% fine gravel, 5% fine sand, medium plasticity	
20	123F-20		0		POORLY GRADED GRAVEL with CLAY and SAND (GP-GC), grayish brown (10YR 5/2), wet, 50% poorly graded fine gravel, 40% fine to medium sand, 10% fines	Asphaltic material observed
25	123F-25		0	▼	CLAYEY GRAVEL with SAND (GC), greenish black (GLEYED 10Y), wet, 45% poorly graded fine gravel, 30% fines, 25% fine to medium sand	Groundwater sample 123(F)-W collected at 23.5' below ground surface through the hollow stem augers at total depth using a disposable bailer
30	123F-30		0		GRAVELLY FAT CLAY (CH), olive brown (2.5Y 4/5), moist, 75% fines, 15% fine gravel, 10% medium sand, high plasticity	Asphaltic material observed
					TOTAL DEPTH 30 FEET BELOW GROUND SURFACE	
35						
40						

NOTES:

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BORING LOG

Project Location	Project No.	Last Revised
3000 Busch Road, Pleasanton, CA	LPC0624	5/31/2007

LOG OF BORING LPC0624.GPJ ENV AMERICA.GDT 6/1/07

Project: LPC Hanson | Boring: **123(G)** | Pg. 1 of 1

Drilling Co: Gregg Drilling & Testing, Inc. | Drilling Method: Hollow Stem Auger | Logged by: B. Behr

Date Started: 5/16/07 | Sampling Method: Modified California Drive Sampler | Approved by: A. Atkinson

Date Completed: 5/16/07 | Hole Diameter: 8" | Surface Elevation: Not Surveyed

Depth in feet	Sample ID	Samples	OVM Reading (ppm)	Water Levels	DESCRIPTION	COMMENTS
0					SILTY GRAVEL with SAND (GM), olive brown (2.5Y 4/5), moist, 50% poorly graded fine gravel, 25% medium sand, 25% fines	
5	123G-5		0		GRAVELLY SILT with SAND (ML), olive brown (7.5Y 4/5), moist, 45% fines, 30% fine gravel, 25% fine to medium sand, medium plasticity	
10	123G-10		0		⇩ Same as above	
15	123G-15		0		SILTY GRAVEL with SAND (GM), grayish brown (10YR 5/2), moist, 45% fine gravel, 40% fine to medium sand, 15% fines, nonplastic	
20	123G-20		0		POORLY GRADED GRAVEL with CLAY and SAND (GP-GC), grayish brown (10YR 5/2), 50% poorly graded fine gravel, 40% fine to medium sand, 10% fines	
25	123G-25		0	▼	CLAYEY GRAVEL with SAND (GC), olive brown (2.5Y 4/3), wet, 45% poorly graded fine gravel, 30% fines, 25% fine to medium sand, medium plasticity	Groundwater sample 123(G)-W collected at 23.5' below ground surface through the hollow stem augers at total depth using a disposable bailer
30	123G-30		0		⇩ Same as above	
35	123G-35		0		GRAVELLY FAT CLAY (CH), olive brown (2.5Y 4/3), moist, 75% fines, 15% fine gravel, 10% medium sand, high plasticity	
40					TOTAL DEPTH 35 FEET BELOW GROUND SURFACE	

NOTES:

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ENVIRONMENTAL ENGINEERING, CONSULTING & CONSTRUCTION

BORING LOG

Project Location	Project No.	Last Revised
3000 Busch Road, Pleasanton, CA	LPC0624	5/31/2007

LOG OF BORING LPC0624.GPJ ENV AMERICA.GDT 6/1/07

Project: LPC Hanson | Boring: **123(H)** | Pg. 1 of 1

Drilling Co: Gregg Drilling & Testing, Inc. | Drilling Method: Hollow Stem Auger | Logged by: B. Behr

Date Started: 5/16/07 | Sampling Method: Modified California Drive Sampler | Approved by: A. Atkinson

Date Completed: 5/16/07 | Hole Diameter: 8" | Surface Elevation: Not Surveyed

Depth in feet	Sample ID	Samples	OVM Reading (ppm)	Water Levels	DESCRIPTION	COMMENTS
0						
5	123H-5		0		GRAVELLY FAT CLAY (CH), very dark gray (10YR 3/1), moist, 70% fines, 20% fine gravel, 10% fine to medium sand, medium plasticity	
10	123H-10		0		CLAYEY GRAVEL with SAND (GC), very dark gray (10YR 3/1), moist, 50% fine gravel, 35% fine to coarse sand, 15% fines, nonplastic	Asphaltic material observed
15	123H-15		0		⇩ Same as above	Asphaltic material observed
20	123H-20		0		GRAVELLY FAT CLAY (CH), very dark grayish brown (6YR 3/2), moist, 75% fines, 20% fine gravel, 5% medium sand, medium plasticity	
25	123H-25		0		SANDY FAT CLAY with GRAVEL (CH), olive brown (2.5Y 4/3), moist, 50% fines, 25% fine gravel, 25% medium to coarse sand, medium plasticity	
30	123H-30		0		SANDY FAT CLAY (CH), very dark grayish brown (2.5Y 3/2), moist, 90% fines, 10% medium sand, medium plasticity	
				▼		Groundwater sample 123(H)-W collected at 32.5' below ground surface through the hollow stem augers at total depth using a disposable bailer
35	123H-35		0		SANDY FAT CLAY with GRAVEL (CH), very dark grayish brown (2.5Y 3/2), wet, 45% fines, 35% fine- to coarse-sand, 20% fine gravel, medium plasticity	
					TOTAL DEPTH 35 FEET BELOW GROUND SURFACE	
40						

NOTES:

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ENVIRONMENTAL ENGINEERING, CONSULTING & CONSTRUCTION

BORING LOG

Project Location	Project No.	Last Revised
3000 Busch Road, Pleasanton, CA	LPC0624	5/31/2007

LOG OF BORING LPC0624.GPJ ENV AMERICA.GDT 6/1/07

EXHIBIT B

ANALYTICAL LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION

ANALYTICAL REPORT

Job Number: 720-9150-1

Job Description: Legacy Hansen

For:
ENV America, Incorporated
244 California St., Ste 500
San Francisco, CA 94111

Attention: Mr. Alan Atkinson

Melissa Brewer
Project Manager I
mbrewer@stl-inc.com
05/18/2007

cc: Mr. David O Connor
Mr. Charlie Rome

Project Manager: Dimple Sharma

I. Comments
No additional comments.

II. Receipt
All samples were received in good condition within temperature requirements.

III. GC/MS Semi VOA
Method 8270C: Due to the level of dilution required for sample 720-9150-3,6,13, surrogate recoveries are not applicable.

Method 8270C: Sample 720-9150-1,2,3,6,7,8,13 were diluted due to the abundance of non-target analytes. Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

IV. GC Semi VOA
Method 8015B: Due to the high concentration of target analytes, the matrix spike / matrix spike duplicate (MS/MSD) for batch 21706 could not be evaluated. The associated laboratory control standard (LCS) met acceptance criteria.

Method 8015B: Capric Surrogate recovery for sample 9150-9 was outside control limits. This sample shows evidence of matrix interference; therefore, re-extraction and/or re-analysis was not performed.

No other analytical or quality issues were noted.

V. Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ENV America, Incorporated Job Number: 720-9150-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-9150-1	**123E-5**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		13	0.97	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		51	48	mg/Kg	8015B
720-9150-2	**123E-10**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		38	1.0	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		130	50	mg/Kg	8015B
720-9150-3	**123E-15**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		300	9.7	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		930	480	mg/Kg	8015B
720-9150-4	**123E-25**				
Benzo[a]anthracene		5.7	4.9	ug/Kg	8270C
Chrysene		6.0	4.9	ug/Kg	8270C
Benzo[a]pyrene		7.7	4.9	ug/Kg	8270C
Benzo[b]fluoranthene		9.1	4.9	ug/Kg	8270C
Benzo[g,h,i]perylene		6.9	4.9	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		5.2	4.9	ug/Kg	8270C
Fluoranthene		8.7	4.9	ug/Kg	8270C
Pyrene		11	4.9	ug/Kg	8270C
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		13	1.0	mg/Kg	8015B
720-9150-5	**123E**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		90	50	ug/L	8015B
720-9150-6	**123F-5**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		550	10	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		2700	500	mg/Kg	8015B

EXECUTIVE SUMMARY - Detections

Client: ENV America, Incorporated Job Number: 720-9150-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-9150-7	**123F-10**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		220	10	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		910	500	mg/Kg	8015B
720-9150-8	**123F-15**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		270	4.9	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		760	250	mg/Kg	8015B
720-9150-9	**123F-20**				
Phenanthrene		19	4.9	ug/Kg	8270C
Benzo[a]anthracene		7.0	4.9	ug/Kg	8270C
Chrysene		7.9	4.9	ug/Kg	8270C
Benzo[a]pyrene		5.9	4.9	ug/Kg	8270C
Benzo[b]fluoranthene		7.8	4.9	ug/Kg	8270C
Fluoranthene		18	4.9	ug/Kg	8270C
Pyrene		20	4.9	ug/Kg	8270C
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		180	1.9	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		510	93	mg/Kg	8015B
720-9150-10	**123F-25**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		17	0.93	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		59	46	mg/Kg	8015B
720-9150-11	**123F-30**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		2.1	1.0	mg/Kg	8015B
720-9150-12	**123F**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		800	50	ug/L	8015B
Motor Oil Range Organics [C24-C36]		710	500	ug/L	8015B

EXECUTIVE SUMMARY - Detections

Client: ENV America, Incorporated Job Number: 720-9150-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-9150-13	**123G-5'**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		790	18	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		2800	910	mg/Kg	8015B
720-9150-14	**123G-10'**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		22	0.99	mg/Kg	8015B
720-9150-15	**123G-15'**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		1.4	0.98	mg/Kg	8015B
720-9150-16	**123G-20'**				
Benzo[a]anthracene		5.9	4.9	ug/Kg	8270C
Chrysene		10	4.9	ug/Kg	8270C
Benzo[a]pyrene		6.7	4.9	ug/Kg	8270C
Benzo[b]fluoranthene		7.2	4.9	ug/Kg	8270C
Benzo[k]fluoranthene		11	4.9	ug/Kg	8270C
Benzo[g,h,i]perylene		8.7	4.9	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		8.5	4.9	ug/Kg	8270C
Dibenz(a,h)anthracene		10	4.9	ug/Kg	8270C
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		18	0.97	mg/Kg	8015B
720-9150-17	**123G-25'**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		6.3	0.99	mg/Kg	8015B
720-9150-18	**123G-30'**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		1.8	0.97	mg/Kg	8015B
720-9150-19	**123G-35'**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		1.8	0.95	mg/Kg	8015B

EXECUTIVE SUMMARY - Detections

Client: ENV America, Incorporated Job Number: 720-9150-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-9150-20	**123G**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		76	50	ug/L	8015B

METHOD SUMMARY

Client: ENV America, Incorporated Job Number: 720-9150-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)	STL SF	SW846 8270C	
Ultrasonic Extraction	STL SF		SW846 3550B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SF	SW846 8015B	
Microscale Solvent Extraction (MSE)	STL SF		SW846 3570
Matrix: Water			
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL SF		SW846 3510C SGC

LAB REFERENCES:

STL SF = STL San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: ENV America, Incorporated Job Number: 720-9150-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-9150-1	123E-5	Solid	05/16/2007 0852	05/16/2007 1445
720-9150-2	123E-10	Solid	05/16/2007 0856	05/16/2007 1445
720-9150-3	123E-15	Solid	05/16/2007 0901	05/16/2007 1445
720-9150-4	123E-25	Solid	05/16/2007 1033	05/16/2007 1445
720-9150-5	123E	Water	05/16/2007 1039	05/16/2007 1445
720-9150-6	123F-5	Solid	05/16/2007 1119	05/16/2007 1445
720-9150-7	123F-10	Solid	05/16/2007 1122	05/16/2007 1445
720-9150-8	123F-15	Solid	05/16/2007 1126	05/16/2007 1445
720-9150-9	123F-20	Solid	05/16/2007 1136	05/16/2007 1445
720-9150-10	123F-25	Solid	05/16/2007 1140	05/16/2007 1445
720-9150-11	123F-30	Solid	05/16/2007 1205	05/16/2007 1445
720-9150-12	123F	Water	05/16/2007 1200	05/16/2007 1445
720-9150-13	123G-5'	Solid	05/16/2007 1315	05/16/2007 1445
720-9150-14	123G-10'	Solid	05/16/2007 1320	05/16/2007 1445
720-9150-15	123G-15'	Solid	05/16/2007 1325	05/16/2007 1445
720-9150-16	123G-20'	Solid	05/16/2007 1330	05/16/2007 1445
720-9150-17	123G-25'	Solid	05/16/2007 1338	05/16/2007 1445
720-9150-18	123G-30'	Solid	05/16/2007 1345	05/16/2007 1445
720-9150-19	123G-35'	Solid	05/16/2007 1350	05/16/2007 1445
720-9150-20	123G	Water	05/16/2007 1430	05/16/2007 1445

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: 123E-5

Lab Sample ID: 720-9150-1
Client Matrix: Solid

Date Sampled: 05/16/2007 0852
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 2.0
Date Analyzed: 05/17/2007 1451
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707013.D
Initial Weight/Volume: 30.46 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		9.8
Acenaphthene		ND		9.8
Acenaphthylene		ND		9.8
Fluorene		ND		9.8
Phenanthrene		ND		9.8
Anthracene		ND		9.8
Benzo[a]anthracene		ND		9.8
Chrysene		ND		9.8
Benzo[a]pyrene		ND		9.8
Benzo[b]fluoranthene		ND		9.8
Benzo[k]fluoranthene		ND		9.8
Benzo[g,h,i]perylene		ND		9.8
Indeno[1,2,3-cd]pyrene		ND		9.8
Fluoranthene		ND		9.8
Pyrene		ND		9.8
Dibenz(a,h)anthracene		ND		9.8

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	56	30 - 115
Terphenyl-d14	62	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123E-10**

Lab Sample ID: 720-9150-2
Client Matrix: Solid

Date Sampled: 05/16/2007 0856
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 10
Date Analyzed: 05/17/2007 1732
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707019.D
Initial Weight/Volume: 30.27 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		50
Acenaphthene		ND		50
Acenaphthylene		ND		50
Fluorene		ND		50
Phenanthrene		ND		50
Anthracene		ND		50
Benzo[a]anthracene		ND		50
Chrysene		ND		50
Benzo[a]pyrene		ND		50
Benzo[b]fluoranthene		ND		50
Benzo[k]fluoranthene		ND		50
Benzo[g,h,i]perylene		ND		50
Indeno[1,2,3-cd]pyrene		ND		50
Fluoranthene		ND		50
Pyrene		ND		50
Dibenz(a,h)anthracene		ND		50

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	61	30 - 115
Terphenyl-d14	61	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123E-15**

Lab Sample ID: 720-9150-3
Client Matrix: Solid

Date Sampled: 05/16/2007 0901
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 20
Date Analyzed: 05/17/2007 1758
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707020.D
Initial Weight/Volume: 30.45 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		99
Acenaphthene		ND		99
Acenaphthylene		ND		99
Fluorene		ND		99
Phenanthrene		ND		99
Anthracene		ND		99
Benzo[a]anthracene		ND		99
Chrysene		ND		99
Benzo[a]pyrene		ND		99
Benzo[b]fluoranthene		ND		99
Benzo[k]fluoranthene		ND		99
Benzo[g,h,i]perylene		ND		99
Indeno[1,2,3-cd]pyrene		ND		99
Fluoranthene		ND		99
Pyrene		ND		99
Dibenz(a,h)anthracene		ND		99

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	55	30 - 115
Terphenyl-d14	67	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123E-25**

Lab Sample ID: 720-9150-4
Client Matrix: Solid

Date Sampled: 05/16/2007 1033
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1612
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707016.D
Initial Weight/Volume: 30.36 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		4.9
Acenaphthene		ND		4.9
Acenaphthylene		ND		4.9
Fluorene		ND		4.9
Phenanthrene		ND		4.9
Anthracene		ND		4.9
Benzo[a]anthracene		5.7		4.9
Chrysene		6.0		4.9
Benzo[a]pyrene		7.7		4.9
Benzo[b]fluoranthene		9.1		4.9
Benzo[k]fluoranthene		ND		4.9
Benzo[g,h,i]perylene		6.9		4.9
Indeno[1,2,3-cd]pyrene		5.2		4.9
Fluoranthene		8.7		4.9
Pyrene		11		4.9
Dibenz(a,h)anthracene		ND		4.9

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	56	30 - 115
Terphenyl-d14	68	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123F-5**

Lab Sample ID: 720-9150-6
Client Matrix: Solid

Date Sampled: 05/16/2007 1119
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 20
Date Analyzed: 05/17/2007 1825
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707021.D
Initial Weight/Volume: 30.25 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		99
Acenaphthene		ND		99
Acenaphthylene		ND		99
Fluorene		ND		99
Phenanthrene		ND		99
Anthracene		ND		99
Benzo[a]anthracene		ND		99
Chrysene		ND		99
Benzo[a]pyrene		ND		99
Benzo[b]fluoranthene		ND		99
Benzo[k]fluoranthene		ND		99
Benzo[g,h,i]perylene		ND		99
Indeno[1,2,3-cd]pyrene		ND		99
Fluoranthene		ND		99
Pyrene		ND		99
Dibenz(a,h)anthracene		ND		99

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	59	30 - 115
Terphenyl-d14	64	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123F-10**

Lab Sample ID: 720-9150-7
Client Matrix: Solid

Date Sampled: 05/16/2007 1122
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 10
Date Analyzed: 05/17/2007 1852
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707022.D
Initial Weight/Volume: 30.16 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		50
Acenaphthene		ND		50
Acenaphthylene		ND		50
Fluorene		ND		50
Phenanthrene		ND		50
Anthracene		ND		50
Benzo[a]anthracene		ND		50
Chrysene		ND		50
Benzo[a]pyrene		ND		50
Benzo[b]fluoranthene		ND		50
Benzo[k]fluoranthene		ND		50
Benzo[g,h,i]perylene		ND		50
Indeno[1,2,3-cd]pyrene		ND		50
Fluoranthene		ND		50
Pyrene		ND		50
Dibenz(a,h)anthracene		ND		50

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	62	30 - 115
Terphenyl-d14	66	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123F-15**

Lab Sample ID: 720-9150-8
Client Matrix: Solid

Date Sampled: 05/16/2007 1126
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 10
Date Analyzed: 05/17/2007 1918
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707023.D
Initial Weight/Volume: 30.16 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		50
Acenaphthene		ND		50
Acenaphthylene		ND		50
Fluorene		ND		50
Phenanthrene		ND		50
Anthracene		ND		50
Benzo[a]anthracene		ND		50
Chrysene		ND		50
Benzo[a]pyrene		ND		50
Benzo[b]fluoranthene		ND		50
Benzo[k]fluoranthene		ND		50
Benzo[g,h,i]perylene		ND		50
Indeno[1,2,3-cd]pyrene		ND		50
Fluoranthene		ND		50
Pyrene		ND		50
Dibenz(a,h)anthracene		ND		50

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	44	30 - 115
Terphenyl-d14	54	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123F-20**

Lab Sample ID: 720-9150-9
Client Matrix: Solid

Date Sampled: 05/16/2007 1136
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1705
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707018.D
Initial Weight/Volume: 30.49 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		4.9
Acenaphthene		ND		4.9
Acenaphthylene		ND		4.9
Fluorene		ND		4.9
Phenanthrene		19		4.9
Anthracene		ND		4.9
Benzo[a]anthracene		7.0		4.9
Chrysene		7.9		4.9
Benzo[a]pyrene		5.9		4.9
Benzo[b]fluoranthene		7.8		4.9
Benzo[k]fluoranthene		ND		4.9
Benzo[g,h,i]perylene		ND		4.9
Indeno[1,2,3-cd]pyrene		ND		4.9
Fluoranthene		18		4.9
Pyrene		20		4.9
Dibenz(a,h)anthracene		ND		4.9

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	62	30 - 115
Terphenyl-d14	68	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123F-25**

Lab Sample ID: 720-9150-10
Client Matrix: Solid

Date Sampled: 05/16/2007 1140
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1638
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707017.D
Initial Weight/Volume: 30.28 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		5.0
Acenaphthene		ND		5.0
Acenaphthylene		ND		5.0
Fluorene		ND		5.0
Phenanthrene		ND		5.0
Anthracene		ND		5.0
Benzo[a]anthracene		ND		5.0
Chrysene		ND		5.0
Benzo[a]pyrene		ND		5.0
Benzo[b]fluoranthene		ND		5.0
Benzo[k]fluoranthene		ND		5.0
Benzo[g,h,i]perylene		ND		5.0
Indeno[1,2,3-cd]pyrene		ND		5.0
Fluoranthene		ND		5.0
Pyrene		ND		5.0
Dibenz(a,h)anthracene		ND		5.0

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	56	30 - 115
Terphenyl-d14	64	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123F-30**

Lab Sample ID: 720-9150-11
Client Matrix: Solid

Date Sampled: 05/16/2007 1205
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1358
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707011.D
Initial Weight/Volume: 30.21 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		5.0
Acenaphthene		ND		5.0
Acenaphthylene		ND		5.0
Fluorene		ND		5.0
Phenanthrene		ND		5.0
Anthracene		ND		5.0
Benzo[a]anthracene		ND		5.0
Chrysene		ND		5.0
Benzo[a]pyrene		ND		5.0
Benzo[b]fluoranthene		ND		5.0
Benzo[k]fluoranthene		ND		5.0
Benzo[g,h,i]perylene		ND		5.0
Indeno[1,2,3-cd]pyrene		ND		5.0
Fluoranthene		ND		5.0
Pyrene		ND		5.0
Dibenz(a,h)anthracene		ND		5.0

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	50	30 - 115
Terphenyl-d14	60	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-5'**

Lab Sample ID: 720-9150-13
Client Matrix: Solid

Date Sampled: 05/16/2007 1315
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 20
Date Analyzed: 05/17/2007 1945
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707024.D
Initial Weight/Volume: 30.49 g
Final Weight/Volume: 5 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		490
Acenaphthene		ND		490
Acenaphthylene		ND		490
Fluorene		ND		490
Phenanthrene		ND		490
Anthracene		ND		490
Benzo[a]anthracene		ND		490
Chrysene		ND		490
Benzo[a]pyrene		ND		490
Benzo[b]fluoranthene		ND		490
Benzo[k]fluoranthene		ND		490
Benzo[g,h,i]perylene		ND		490
Indeno[1,2,3-cd]pyrene		ND		490
Fluoranthene		ND		490
Pyrene		ND		490
Dibenz(a,h)anthracene		ND		490

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	43	30 - 115
Terphenyl-d14	91	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-10'**

Lab Sample ID: 720-9150-14
Client Matrix: Solid

Date Sampled: 05/16/2007 1320
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1425
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707012.D
Initial Weight/Volume: 30.16 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		5.0
Acenaphthene		ND		5.0
Acenaphthylene		ND		5.0
Fluorene		ND		5.0
Phenanthrene		ND		5.0
Anthracene		ND		5.0
Benzo[a]anthracene		ND		5.0
Chrysene		ND		5.0
Benzo[a]pyrene		ND		5.0
Benzo[b]fluoranthene		ND		5.0
Benzo[k]fluoranthene		ND		5.0
Benzo[g,h,i]perylene		ND		5.0
Indeno[1,2,3-cd]pyrene		ND		5.0
Fluoranthene		ND		5.0
Pyrene		ND		5.0
Dibenz(a,h)anthracene		ND		5.0

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	65	30 - 115
Terphenyl-d14	70	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-15'**

Lab Sample ID: 720-9150-15
Client Matrix: Solid

Date Sampled: 05/16/2007 1325
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1145
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707006.D
Initial Weight/Volume: 30.20 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		5.0
Acenaphthene		ND		5.0
Acenaphthylene		ND		5.0
Fluorene		ND		5.0
Phenanthrene		ND		5.0
Anthracene		ND		5.0
Benzo[a]anthracene		ND		5.0
Chrysene		ND		5.0
Benzo[a]pyrene		ND		5.0
Benzo[b]fluoranthene		ND		5.0
Benzo[k]fluoranthene		ND		5.0
Benzo[g,h,i]perylene		ND		5.0
Indeno[1,2,3-cd]pyrene		ND		5.0
Fluoranthene		ND		5.0
Pyrene		ND		5.0
Dibenz(a,h)anthracene		ND		5.0

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	52	30 - 115
Terphenyl-d14	62	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-20'**

Lab Sample ID: 720-9150-16
Client Matrix: Solid

Date Sampled: 05/16/2007 1330
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1212
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707007.D
Initial Weight/Volume: 30.37 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		4.9
Acenaphthene		ND		4.9
Acenaphthylene		ND		4.9
Fluorene		ND		4.9
Phenanthrene		ND		4.9
Anthracene		ND		4.9
Benzo[a]anthracene		5.9		4.9
Chrysene		10		4.9
Benzo[a]pyrene		6.7		4.9
Benzo[b]fluoranthene		7.2		4.9
Benzo[k]fluoranthene		11		4.9
Benzo[g,h,i]perylene		8.7		4.9
Indeno[1,2,3-cd]pyrene		8.5		4.9
Fluoranthene		ND		4.9
Pyrene		ND		4.9
Dibenz(a,h)anthracene		10		4.9

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	55	30 - 115
Terphenyl-d14	65	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-25'**

Lab Sample ID: 720-9150-17
Client Matrix: Solid

Date Sampled: 05/16/2007 1338
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1238
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707008.D
Initial Weight/Volume: 30.15 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		5.0
Acenaphthene		ND		5.0
Acenaphthylene		ND		5.0
Fluorene		ND		5.0
Phenanthrene		ND		5.0
Anthracene		ND		5.0
Benzo[a]anthracene		ND		5.0
Chrysene		ND		5.0
Benzo[a]pyrene		ND		5.0
Benzo[b]fluoranthene		ND		5.0
Benzo[k]fluoranthene		ND		5.0
Benzo[g,h,i]perylene		ND		5.0
Indeno[1,2,3-cd]pyrene		ND		5.0
Fluoranthene		ND		5.0
Pyrene		ND		5.0
Dibenz(a,h)anthracene		ND		5.0

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	53	30 - 115
Terphenyl-d14	64	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-30'**

Lab Sample ID: 720-9150-18
Client Matrix: Solid

Date Sampled: 05/16/2007 1345
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1305
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707009.D
Initial Weight/Volume: 30.18 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		5.0
Acenaphthene		ND		5.0
Acenaphthylene		ND		5.0
Fluorene		ND		5.0
Phenanthrene		ND		5.0
Anthracene		ND		5.0
Benzo[a]anthracene		ND		5.0
Chrysene		ND		5.0
Benzo[a]pyrene		ND		5.0
Benzo[b]fluoranthene		ND		5.0
Benzo[k]fluoranthene		ND		5.0
Benzo[g,h,i]perylene		ND		5.0
Indeno[1,2,3-cd]pyrene		ND		5.0
Fluoranthene		ND		5.0
Pyrene		ND		5.0
Dibenz(a,h)anthracene		ND		5.0

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	61	30 - 115
Terphenyl-d14	69	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-35'**

Lab Sample ID: 720-9150-19
Client Matrix: Solid

Date Sampled: 05/16/2007 1350
Date Received: 05/16/2007 1445

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1332
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623

Instrument ID: Latest Chemstation
Lab File ID: 051707010.D
Initial Weight/Volume: 30.14 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		5.0
Acenaphthene		ND		5.0
Acenaphthylene		ND		5.0
Fluorene		ND		5.0
Phenanthrene		ND		5.0
Anthracene		ND		5.0
Benzo[a]anthracene		ND		5.0
Chrysene		ND		5.0
Benzo[a]pyrene		ND		5.0
Benzo[b]fluoranthene		ND		5.0
Benzo[k]fluoranthene		ND		5.0
Benzo[g,h,i]perylene		ND		5.0
Indeno[1,2,3-cd]pyrene		ND		5.0
Fluoranthene		ND		5.0
Pyrene		ND		5.0
Dibenz(a,h)anthracene		ND		5.0

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	62	30 - 115
Terphenyl-d14	70	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: 123E-5

Lab Sample ID: 720-9150-1
Client Matrix: Solid

Date Sampled: 05/16/2007 0852
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/18/2007 1529
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.19 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		13		0.97
Motor Oil Range Organics [C24-C36]		51		48

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	1	0 - 5
p-Terphenyl	91	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123E-10**

Lab Sample ID: 720-9150-2
Client Matrix: Solid

Date Sampled: 05/16/2007 0856
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/18/2007 1601
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.01 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		38		1.0
Motor Oil Range Organics [C24-C36]		130		50

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	2	0 - 5
p-Terphenyl	95	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123E-15**

Lab Sample ID: 720-9150-3
Client Matrix: Solid

Date Sampled: 05/16/2007 0901
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 10
Date Analyzed: 05/18/2007 1738
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.18 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		300		9.7
Motor Oil Range Organics [C24-C36]		930		480

Surrogate	%Rec	Qualifier	Acceptance Limits
Capric Acid (Surr)	0		0 - 5
p-Terphenyl	0	D	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123E-25**

Lab Sample ID: 720-9150-4
Client Matrix: Solid

Date Sampled: 05/16/2007 1033
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/18/2007 1633
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.02 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		13		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	3	0 - 5
p-Terphenyl	93	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: 123E

Lab Sample ID: 720-9150-5
Client Matrix: Water

Date Sampled: 05/16/2007 1039
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 05/17/2007 1848
Date Prepared: 05/16/2007 1913

Analysis Batch: 720-21698
Prep Batch: 720-21628

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	90		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	90	50 - 130
Capric Acid (Surr)	0	0 - 5

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123F-5**

Lab Sample ID: 720-9150-6
Client Matrix: Solid

Date Sampled: 05/16/2007 1119
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 10
Date Analyzed: 05/18/2007 1810
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.01 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		550		10
Motor Oil Range Organics [C24-C36]		2700		500

Surrogate	%Rec		Acceptance Limits
Capric Acid (Surr)	0		0 - 5
p-Terphenyl	0	D	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123F-10**

Lab Sample ID: 720-9150-7
Client Matrix: Solid

Date Sampled: 05/16/2007 1122
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 10
Date Analyzed: 05/17/2007 1633
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 4.99 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		220		10
Motor Oil Range Organics [C24-C36]		910		500

Surrogate	%Rec		Acceptance Limits
Capric Acid (Surr)	0		0 - 5
p-Terphenyl	0	D	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123F-15**

Lab Sample ID: 720-9150-8
Client Matrix: Solid

Date Sampled: 05/16/2007 1126
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 5.0
Date Analyzed: 05/17/2007 2019
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.08 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		270		4.9
Motor Oil Range Organics [C24-C36]		760		250

Surrogate	%Rec		Acceptance Limits
Capric Acid (Surr)	0		0 - 5
p-Terphenyl	0	D	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123F-20**

Lab Sample ID: 720-9150-9
Client Matrix: Solid

Date Sampled: 05/16/2007 1136
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 2.0
Date Analyzed: 05/18/2007 1302
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.40 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		180		1.9
Motor Oil Range Organics [C24-C36]		510		93

Surrogate	%Rec	Qualifier	Acceptance Limits
Capric Acid (Surr)	12	X	0 - 5
p-Terphenyl	104		50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123F-25**

Lab Sample ID: 720-9150-10
Client Matrix: Solid

Date Sampled: 05/16/2007 1140
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/17/2007 1810
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.38 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		17		0.93
Motor Oil Range Organics [C24-C36]		59		46

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	2	0 - 5
p-Terphenyl	93	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123F-30**

Lab Sample ID: 720-9150-11
Client Matrix: Solid

Date Sampled: 05/16/2007 1205
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/17/2007 1706
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.02 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		2.1		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	3	0 - 5
p-Terphenyl	95	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: 123F

Lab Sample ID: 720-9150-12
Client Matrix: Water

Date Sampled: 05/16/2007 1200
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 05/17/2007 1914
Date Prepared: 05/16/2007 1913

Analysis Batch: 720-21698
Prep Batch: 720-21628

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	800		50
Motor Oil Range Organics [C24-C36]	710		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	75	50 - 130
Capric Acid (Surr)	1	0 - 5

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-5'**

Lab Sample ID: 720-9150-13
Client Matrix: Solid

Date Sampled: 05/16/2007 1315
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 20
Date Analyzed: 05/17/2007 2051
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.48 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		790		18
Motor Oil Range Organics [C24-C36]		2800		910

Surrogate	%Rec		Acceptance Limits
Capric Acid (Surr)	0		0 - 5
p-Terphenyl	0	D	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-10'**

Lab Sample ID: 720-9150-14
Client Matrix: Solid

Date Sampled: 05/16/2007 1320
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/17/2007 1738
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.09 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		22		0.99
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	3	0 - 5
p-Terphenyl	91	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-15'**

Lab Sample ID: 720-9150-15
Client Matrix: Solid

Date Sampled: 05/16/2007 1325
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/17/2007 1914
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.14 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1.4		0.98
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	5	0 - 5
p-Terphenyl	91	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-20'**

Lab Sample ID: 720-9150-16
Client Matrix: Solid

Date Sampled: 05/16/2007 1330
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/17/2007 1947
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.16 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		18		0.97
Motor Oil Range Organics [C24-C36]		ND		48

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	3	0 - 5
p-Terphenyl	94	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-25'**

Lab Sample ID: 720-9150-17
Client Matrix: Solid

Date Sampled: 05/16/2007 1338
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/17/2007 1457
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.08 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		6.3		0.99
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	92	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-30'**

Lab Sample ID: 720-9150-18
Client Matrix: Solid

Date Sampled: 05/16/2007 1345
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/17/2007 1425
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.17 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1.8		0.97
Motor Oil Range Organics [C24-C36]		ND		48

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	98	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: **123G-35'**

Lab Sample ID: 720-9150-19
Client Matrix: Solid

Date Sampled: 05/16/2007 1350
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/17/2007 0942
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.28 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1.8		0.95
Motor Oil Range Organics [C24-C36]		ND		47

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	1	0 - 5
p-Terphenyl	88	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9150-1

Client Sample ID: 123G

Lab Sample ID: 720-9150-20
Client Matrix: Water

Date Sampled: 05/16/2007 1430
Date Received: 05/16/2007 1445

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 05/17/2007 1941
Date Prepared: 05/16/2007 1913

Analysis Batch: 720-21698
Prep Batch: 720-21628

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	76		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	80	50 - 130
Capric Acid (Surr)	0	0 - 5

DATA REPORTING QUALIFIERS

Client: ENV America, Incorporated Job Number: 720-9150-1

Lab Section	Qualifier	Description
GC Semi VOA		
	X	Surrogate exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Client: ENV America, Incorporated Job Number: 720-9150-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 720-21623					
LCS 720-21623/2-AA	Lab Control Spike	T	Solid	3550B	
LCSD 720-21623/3-AA	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-21623/1-AA	Method Blank	T	Solid	3550B	
720-9150-1	123E-5	T	Solid	3550B	
720-9150-1MS	Matrix Spike	T	Solid	3550B	
720-9150-1MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-9150-2	123E-10	T	Solid	3550B	
720-9150-3	123E-15	T	Solid	3550B	
720-9150-4	123E-25	T	Solid	3550B	
720-9150-6	123F-5	T	Solid	3550B	
720-9150-7	123F-10	T	Solid	3550B	
720-9150-8	123F-15	T	Solid	3550B	
720-9150-9	123F-20	T	Solid	3550B	
720-9150-10	123F-25	T	Solid	3550B	
720-9150-11	123F-30	T	Solid	3550B	
720-9150-13	123G-5'	T	Solid	3550B	
720-9150-14	123G-10'	T	Solid	3550B	
720-9150-15	123G-15'	T	Solid	3550B	
720-9150-16	123G-20'	T	Solid	3550B	
720-9150-17	123G-25'	T	Solid	3550B	
720-9150-18	123G-30'	T	Solid	3550B	
720-9150-19	123G-35'	T	Solid	3550B	

Client: ENV America, Incorporated Job Number: 720-9150-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:720-21676					
LCS 720-21623/2-AA	Lab Control Spike	T	Solid	8270C	720-21623
LCSD 720-21623/3-AA	Lab Control Spike Duplicate	T	Solid	8270C	720-21623
MB 720-21623/1-AA	Method Blank	T	Solid	8270C	720-21623
720-9150-1	123E-5	T	Solid	8270C	720-21623
720-9150-1MS	Matrix Spike	T	Solid	8270C	720-21623
720-9150-1MSD	Matrix Spike Duplicate	T	Solid	8270C	720-21623
720-9150-2	123E-10	T	Solid	8270C	720-21623
720-9150-3	123E-15	T	Solid	8270C	720-21623
720-9150-4	123E-25	T	Solid	8270C	720-21623
720-9150-6	123F-5	T	Solid	8270C	720-21623
720-9150-7	123F-10	T	Solid	8270C	720-21623
720-9150-8	123F-15	T	Solid	8270C	720-21623
720-9150-9	123F-20	T	Solid	8270C	720-21623
720-9150-10	123F-25	T	Solid	8270C	720-21623
720-9150-11	123F-30	T	Solid	8270C	720-21623
720-9150-13	123G-5'	T	Solid	8270C	720-21623
720-9150-14	123G-10'	T	Solid	8270C	720-21623
720-9150-15	123G-15'	T	Solid	8270C	720-21623
720-9150-16	123G-20'	T	Solid	8270C	720-21623
720-9150-17	123G-25'	T	Solid	8270C	720-21623
720-9150-18	123G-30'	T	Solid	8270C	720-21623
720-9150-19	123G-35'	T	Solid	8270C	720-21623

Report Basis
T = Total

Client: ENV America, Incorporated Job Number: 720-9150-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-21626					
LCS 720-21626/2-AA	Lab Control Spike	A	Solid	3570	
LCSD 720-21626/3-AA	Lab Control Spike Duplicate	A	Solid	3570	
MB 720-21626/1-AA	Method Blank	A	Solid	3570	
720-9150-1	123E-5	A	Solid	3570	
720-9150-2	123E-10	A	Solid	3570	
720-9150-3	123E-15	A	Solid	3570	
720-9150-4	123E-25	A	Solid	3570	
720-9150-6	123F-5	A	Solid	3570	
720-9150-7	123F-10	A	Solid	3570	
720-9150-8	123F-15	A	Solid	3570	
720-9150-9	123F-20	A	Solid	3570	
720-9150-10	123F-25	A	Solid	3570	
720-9150-11	123F-30	A	Solid	3570	
720-9150-13	123G-5'	A	Solid	3570	
720-9150-14	123G-10'	A	Solid	3570	
720-9150-15	123G-15'	A	Solid	3570	
720-9150-16	123G-20'	A	Solid	3570	
720-9150-17	123G-25'	A	Solid	3570	
720-9150-18	123G-30'	A	Solid	3570	
720-9150-19	123G-35'	A	Solid	3570	
Prep Batch: 720-21628					
LCS 720-21628/2-AA	Lab Control Spike	A	Water	3510C SGC	
LCSD 720-21628/3-AA	Lab Control Spike Duplicate	A	Water	3510C SGC	
MB 720-21628/1-AA	Method Blank	A	Water	3510C SGC	
720-9150-5	123E	A	Water	3510C SGC	
720-9150-12	123F	A	Water	3510C SGC	
720-9150-20	123G	A	Water	3510C SGC	
Analysis Batch:720-21698					
LCS 720-21628/2-AA	Lab Control Spike	A	Water	8015B	720-21628
LCSD 720-21628/3-AA	Lab Control Spike Duplicate	A	Water	8015B	720-21628
MB 720-21628/1-AA	Method Blank	A	Water	8015B	720-21628
720-9150-5	123E	A	Water	8015B	720-21628
720-9150-12	123F	A	Water	8015B	720-21628
720-9150-20	123G	A	Water	8015B	720-21628

Client: ENV America, Incorporated Job Number: 720-9150-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:720-21706					
LCS 720-21626/2-AA	Lab Control Spike	A	Solid	8015B	720-21626
LCSD 720-21626/3-AA	Lab Control Spike Duplicate	A	Solid	8015B	720-21626
MB 720-21626/1-AA	Method Blank	A	Solid	8015B	720-21626
720-9150-1	123E-5	A	Solid	8015B	720-21626
720-9150-2	123E-10	A	Solid	8015B	720-21626
720-9150-3	123E-15	A	Solid	8015B	720-21626
720-9150-4	123E-25	A	Solid	8015B	720-21626
720-9150-6	123F-5	A	Solid	8015B	720-21626
720-9150-7	123F-10	A	Solid	8015B	720-21626
720-9150-8	123F-15	A	Solid	8015B	720-21626
720-9150-9	123F-20	A	Solid	8015B	720-21626
720-9150-10	123F-25	A	Solid	8015B	720-21626
720-9150-11	123F-30	A	Solid	8015B	720-21626
720-9150-13	123G-5'	A	Solid	8015B	720-21626
720-9150-14	123G-10'	A	Solid	8015B	720-21626
720-9150-15	123G-15'	A	Solid	8015B	720-21626
720-9150-16	123G-20'	A	Solid	8015B	720-21626
720-9150-17	123G-25'	A	Solid	8015B	720-21626
720-9150-18	123G-30'	A	Solid	8015B	720-21626
720-9150-19	123G-35'	A	Solid	8015B	720-21626

Report Basis
A = Silica Gel Cleanup

Client: ENV America, Incorporated

Job Number: 720-9150-1

Method Blank - Batch: 720-21623

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 720-21623/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/17/2007 1119
Date Prepared: 05/16/2007 1637

Analysis Batch: 720-21676
Prep Batch: 720-21623
Units: ug/Kg

Instrument ID: Latest Chemstation
Lab File ID: 051707005.D
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	RL
Naphthalene	ND		5.0
Acenaphthene	ND		5.0
Acenaphthylene	ND		5.0
Fluorene	ND		5.0
Phenanthrene	ND		5.0
Anthracene	ND		5.0
Benzo[a]anthracene	ND		5.0
Chrysene	ND		5.0
Benzo[a]pyrene	ND		5.0
Benzo[b]fluoranthene	ND		5.0
Benzo[k]fluoranthene	ND		5.0
Benzo[g,h,i]perylene	ND		5.0
Indeno[1,2,3-cd]pyrene	ND		5.0
Fluoranthene	ND		5.0
Pyrene	ND		5.0
Dibenz(a,h)anthracene	ND		5.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	66	30 - 115
Terphenyl-d14	72	18 - 137

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENV America, Incorporated

Job Number: 720-9150-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-21623

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID:	LCS 720-21623/2-AA	Analysis Batch:	720-21676	Instrument ID:	Latest Chemstation
Client Matrix:	Solid	Prep Batch:	720-21623	Lab File ID:	051707003.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.36 g
Date Analyzed:	05/17/2007 1026			Final Weight/Volume:	1 mL
Date Prepared:	05/16/2007 1637			Injection Volume:	

LCSD Lab Sample ID:	LCSD 720-21623/3-AA	Analysis Batch:	720-21676	Instrument ID:	Latest Chemstation
Client Matrix:	Solid	Prep Batch:	720-21623	Lab File ID:	051707004.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.33 g
Date Analyzed:	05/17/2007 1052			Final Weight/Volume:	1 mL
Date Prepared:	05/16/2007 1637			Injection Volume:	

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Naphthalene	65	65	21 - 133	0	35		
Acenaphthene	65	66	47 - 145	1	35		
Acenaphthylene	67	66	33 - 145	1	35		
Fluorene	71	70	59 - 121	3	35		
Phenanthrene	66	64	10 - 130	3	35		
Anthracene	69	67	27 - 133	2	35		
Benzo[a]anthracene	70	68	33 - 143	2	35		
Chrysene	73	73	17 - 168	0	35		
Benzo[a]pyrene	75	72	17 - 163	4	35		
Benzo[b]fluoranthene	72	71	24 - 159	1	35		
Benzo[k]fluoranthene	83	80	11 - 162	3	35		
Benzo[g,h,i]perylene	65	63	9 - 219	3	35		
Indeno[1,2,3-cd]pyrene	68	66	9 - 171	3	35		
Fluoranthene	70	67	26 - 137	4	35		
Pyrene	74	73	52 - 115	2	35		
Dibenz(a,h)anthracene	69	68	9 - 171	1	35		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorobiphenyl	73	73	30 - 115
Terphenyl-d14	78	76	18 - 137

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENV America, Incorporated

Job Number: 720-9150-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-21623

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	720-9150-1	Analysis Batch: 720-21676	Instrument ID: Latest Chemstation
Client Matrix:	Solid	Prep Batch: 720-21623	Lab File ID: 051707014.D
Dilution:	2.0		Initial Weight/Volume: 30.27 g
Date Analyzed:	05/17/2007 1518		Final Weight/Volume: 1 mL
Date Prepared:	05/16/2007 1637		Injection Volume:

MSD Lab Sample ID:	720-9150-1	Analysis Batch: 720-21676	Instrument ID: Latest Chemstation
Client Matrix:	Solid	Prep Batch: 720-21623	Lab File ID: 051707015.D
Dilution:	2.0		Initial Weight/Volume: 30.33 g
Date Analyzed:	05/17/2007 1545		Final Weight/Volume: 1 mL
Date Prepared:	05/16/2007 1637		Injection Volume:

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Naphthalene	54	55	21 - 133	1	35		
Acenaphthene	57	57	47 - 145	0	35		
Acenaphthylene	57	56	33 - 145	2	35		
Fluorene	61	59	59 - 121	4	35		
Phenanthrene	54	55	10 - 130	2	35		
Anthracene	61	61	27 - 133	0	35		
Benzo[a]anthracene	60	60	33 - 143	1	35		
Chrysene	63	62	17 - 168	1	35		
Benzo[a]pyrene	67	67	17 - 163	0	35		
Benzo[b]fluoranthene	62	62	24 - 159	1	35		
Benzo[k]fluoranthene	74	73	11 - 162	1	35		
Benzo[g,h,i]perylene	53	53	9 - 219	1	35		
Indeno[1,2,3-cd]pyrene	57	56	9 - 171	2	35		
Fluoranthene	59	59	26 - 137	1	35		
Pyrene	65	64	52 - 115	1	35		
Dibenz(a,h)anthracene	58	57	52 - 115	1	35		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	61	62	30 - 115
Terphenyl-d14	69	69	18 - 137

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENV America, Incorporated

Job Number: 720-9150-1

Method Blank - Batch: 720-21626

Method: 8015B
Preparation: 3570
Silica Gel Cleanup

Lab Sample ID: MB 720-21626/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/17/2007 1457
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626
Units: mg/Kg

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.03 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		1.0
Motor Oil Range Organics [C24-C36]	ND		50

Surrogate	% Rec	Acceptance Limits
Capric Acid (Surr)	3	0 - 5

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	92	50 - 130

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-21626

Method: 8015B
Preparation: 3570
Silica Gel Cleanup

LCS Lab Sample ID: LCS 720-21626/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/18/2007 0942
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626
Units: mg/Kg

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.31 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-21626/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/18/2007 1425
Date Prepared: 05/16/2007 1837

Analysis Batch: 720-21706
Prep Batch: 720-21626
Units: mg/Kg

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.21 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	111	114	50 - 130	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	109	109	50 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 720-21628

Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup

Lab Sample ID: MB 720-21628/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 1700
Date Prepared: 05/16/2007 1913

Analysis Batch: 720-21698
Prep Batch: 720-21628
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	71	50 - 130
Capric Acid (Surr)	0	0 - 5

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-21628

Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup

LCS Lab Sample ID: LCS 720-21628/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2007 0155
Date Prepared: 05/16/2007 1913

Analysis Batch: 720-21698
Prep Batch: 720-21628
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-21628/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2007 1633
Date Prepared: 05/16/2007 1913

Analysis Batch: 720-21698
Prep Batch: 720-21628
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	76	58	50 - 130	27	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	112	105	50 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

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STL San Francisco Chain of Custody

720-9150

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: sflogin@stl-inc.com

Reference #: 105504

Date 5/16/2007 Page 1 of 2

Report To

Attn: A. Atkinson

Company: ENV America Inc

Address: 244 California St Suite 500

Phone: 4158899933 Email: aatkinson@envam...

Bill To: ENV America, SF

Sampled By: B Behr

Attn: B. Behr

Phone: 4158899933

Analysis Request

Columns: TPH EPA - ☐ 8015/8021 ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE | Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B | TEPH EPA 8015M* ☒ Silica Gel ☒ Diesel ☐ Motor Oil ☐ Other | Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxygenates ☐ DCA, EDB ☐ Ethanol | Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B | Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624 | Semivolatiles GC/MS ☐ EPA 8270 ☐ 625 | Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total | Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608 | PNAs by ☐ 8270 ☐ 8310 | CAM17 Metals (EPA 6010/7470/7471) | Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: | Low Level Metals by EPA 200.8/6020 (ICP-MS): | ☐ W.E.T (STLC) ☐ TCLP | ☐ Hexavalent Chromium ☐ pH (24h hold time for H_2O) | ☐ Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS | Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4 | HOLD FOR PAH's | PAH's | Number of Containers

#	Sample ID	Date	Time	Matrix	Preserv.	TEPH EPA 8015M	HOLD FOR PAH's	PAH's	Number of Containers
1	123E-5	5/16	852	S	—	X		X	1
2	123E-10	↓	856	S	—	X		X	1
3	123E-15	↓	901	S	—	X		X	1
4	123E-25	↓	1033	S	—	X		X	1
5	123E	↓	1039	W	HCL NONE	X	X		2
6	123F-5	↓	1119	S	—	X		X	1
7	123F-10	↓	1122	S	—	X		X	1
8	123F-15	↓	1126	S	—	X		X	1
9	123F-20	↓	1136	S	—	X		X	1
10	123F-25	↓	1140	S	—	X		X	1

Project Info.

Project Name: LPC-Atkinson

Project#: LPC0624

PO#:

Credit Card#:

Sample Receipt

of Containers: 11

Head Space:

Temp: 3.7°C

Conforms to record:

TAT: 5 Day | 72h | 48h | (24h) circled | Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank Fund EDF ☐ Global ID

Special Instructions / Comments:

please use silica gel.

HOLD WATER FOR PAH'S

1) Relinquished by: Signature [signature] Time 1445; Printed Name Bryan Behr Date 5/16/07; Company ENV America Inc.

2) Relinquished by: Signature Time; Printed Name Date; Company

3) Relinquished by: Signature Time; Printed Name Date; Company

1) Received by: Signature [signature] Time 1445; Printed Name T. Bulloch Date 5/16/07; Company STL-SF

2) Received by: Signature Time; Printed Name Date; Company

3) Received by: Signature Time; Printed Name Date; Company

RUSH

See Terms and Conditions on reverse

*STL SF reports 8015M from C_9-C_{36} (industry norm). Default for 8015B is C_{10}-C_{28}

Rev 05/04

7109150

STL San Francisco Chain of Custody

1220 Quarry Lane ● Pleasanton CA 94566-4756
Phone (925) 484-1919 ● Fax: (925) 484-1096
Email: sflogin@stl-inc.com

Reference #: 105504

Date 5/16/07 Page 2 of 2

Report To

Attn: A. Atkinson
Company: EnviAmerica Inc.
Address: 244 California St. Suite 520
Phone: 415 989 9933 Email: aatkinson@enviamerica...
Bill To: EnviAmerica, SF
Sampled By: B. Behr
Attn:
Phone:

Analysis Request

	Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M* ☒ Silica Gel ☒ Diesel ☒ Motor Oil ☐ Other	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxygenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other	Low Level Metals by EPA 200.8/6020 (ICP-MS):	W.E.T (STLC) ☐ TCLP ☐	Hexavalent Chromium ☐ pH (24h hold time for H_2O) ☐	Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS ☐	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	HOLD FOR PAH'S	PAH's		Number of Containers
11	123F-30	5/16	1205	S	—			X																X		1
12	123F		1200	W	w/HCL NONE			X															X			2
13	123G-5'		1315	S	—			X																X		1
14	123G-10'		1320	S	—			X																X		1
15	123G-15'		1325	S	—			X																X		1
16	123G-20'		1330	S	—			X																X		1
17	123G-25'		1338		—			X																X		1
18	123G-30'		1345	S	—			X																X		1
19	123G-35'		1350	S	—			X																X		1
20	123G	↓	1430	W	w/HCL NONE			X															X			2

Project Info.

Project Name: LPC-Hanson
Project#:
PO#:
Credit Card#:

Sample Receipt

of Containers: 12
Head Space:
Temp: 3.7°C
Conforms to record:

TAT: 5 Day | 72h | 48h | (24h) | Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank Fund EDF ☐ Global ID

Special Instructions / Comments:
Please use silica gel.
HOLD WATER FOR PAH'S

See Terms and Conditions on reverse
*STL SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{28}

RUSH

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 1445	Signature: Time:	Signature: Time:
Printed Name: Bryan Behr Date: 5/16/07	Printed Name: Date:	Printed Name: Date:
Company: EnviAmerica	Company:	Company:
1) Received by:	**2) Received by:**	**3) Received by:**
Signature: [signature] Time: 1445	Signature: Time:	Signature: Time:
Printed Name: J. Bullock Date: 5/16/07	Printed Name: Date:	Printed Name: Date:
Company: STL-SF	Company:	Company:

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05/18/2007

LOGIN SAMPLE RECEIPT CHECK LIST

Client: ENV America, Incorporated Job Number: 720-9150-1

Login Number: 9150

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 720-9167-1

Job Description: Legacy Hansen

For:
ENV America, Incorporated
244 California St., Ste 500
San Francisco, CA 94111

Attention: Mr. Alan Atkinson

Dimple Sharma
Project Manager I
dsharma@stl-inc.com
05/21/2007

cc: Mr. David O Connor
Mr. Charlie Rome

Project Manager: Dimple Sharma

Severn Trent Laboratories, Inc.
STL San Francisco 1220 Quarry Lane, Pleasanton, CA 94566
Tel (925) 484-1919 Fax (925) 484-1096 www.stl-inc.com

I. Comments
No additional comments.

II. Receipt
All samples were received in good condition within temperature requirements.

III. GC/MS Semi VOA
Method 8270C: Sample 720-9167-1,2,3 were diluted due to the abundance of non-target analytes. Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

IV. GC Semi VOA
No analytical or quality issues were noted.

V. Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ENV America, Incorporated Job Number: 720-9167-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-9167-1	**123H-5**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		53	0.97	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		170	48	mg/Kg	8015B
720-9167-2	**123H-10**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		15	0.96	mg/Kg	8015B
720-9167-3	**123H-15**				
Benzo[g,h,i]perylene		59	50	ug/Kg	8270C
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		150	4.7	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		570	230	mg/Kg	8015B
720-9167-4	**123H-20**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		31	0.93	mg/Kg	8015B
720-9167-5	**123H-25**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		19	1.0	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		51	50	mg/Kg	8015B
720-9167-6	**123H-30**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		6.9	0.96	mg/Kg	8015B
720-9167-7	**123H-35**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		4.6	0.92	mg/Kg	8015B
720-9167-8	**123H**				
Silica Gel Cleanup					
Diesel Range Organics [C10-C28]		68	50	ug/L	8015B

METHOD SUMMARY

Client: ENV America, Incorporated Job Number: 720-9167-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)	STL SF	SW846 8270C	
Ultrasonic Extraction	STL SF		SW846 3550B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SF	SW846 8015B	
Microscale Solvent Extraction (MSE)	STL SF		SW846 3570
Matrix: Water			
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL SF		SW846 3510C SGC

LAB REFERENCES:

STL SF = STL San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: ENV America, Incorporated Job Number: 720-9167-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-9167-1	123H-5	Solid	05/17/2007 0924	05/17/2007 1125
720-9167-2	123H-10	Solid	05/17/2007 0935	05/17/2007 1125
720-9167-3	123H-15	Solid	05/17/2007 0941	05/17/2007 1125
720-9167-4	123H-20	Solid	05/17/2007 0945	05/17/2007 1125
720-9167-5	123H-25	Solid	05/17/2007 0950	05/17/2007 1125
720-9167-6	123H-30	Solid	05/17/2007 0958	05/17/2007 1125
720-9167-7	123H-35	Solid	05/17/2007 1005	05/17/2007 1125
720-9167-8	123H	Water	05/17/2007 1025	05/17/2007 1125

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-5**

Lab Sample ID: 720-9167-1
Client Matrix: Solid

Date Sampled: 05/17/2007 0924
Date Received: 05/17/2007 1125

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 5.0
Date Analyzed: 05/17/2007 1908
Date Prepared: 05/17/2007 1231

Analysis Batch: 720-21715
Prep Batch: 720-21654

Instrument ID: Sat 2K2
Lab File ID: c:\saturnws\epdata\data\200
Initial Weight/Volume: 30.33 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		25
Acenaphthene		ND		25
Acenaphthylene		ND		25
Fluorene		ND		25
Phenanthrene		ND		25
Anthracene		ND		25
Benzo[a]anthracene		ND		25
Chrysene		ND		25
Benzo[a]pyrene		ND		25
Benzo[b]fluoranthene		ND		25
Benzo[k]fluoranthene		ND		25
Benzo[g,h,i]perylene		ND		25
Indeno[1,2,3-cd]pyrene		ND		25
Fluoranthene		ND		25
Pyrene		ND		25
Dibenz(a,h)anthracene		ND		25

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	56	30 - 115
Terphenyl-d14	68	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-10**

Lab Sample ID: 720-9167-2
Client Matrix: Solid

Date Sampled: 05/17/2007 0935
Date Received: 05/17/2007 1125

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 5.0
Date Analyzed: 05/17/2007 2035
Date Prepared: 05/17/2007 1231

Analysis Batch: 720-21715
Prep Batch: 720-21654

Instrument ID: Sat 2K2
Lab File ID: c:\saturnws\epdata\data\200
Initial Weight/Volume: 30.37 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		25
Acenaphthene		ND		25
Acenaphthylene		ND		25
Fluorene		ND		25
Phenanthrene		ND		25
Anthracene		ND		25
Benzo[a]anthracene		ND		25
Chrysene		ND		25
Benzo[a]pyrene		ND		25
Benzo[b]fluoranthene		ND		25
Benzo[k]fluoranthene		ND		25
Benzo[g,h,i]perylene		ND		25
Indeno[1,2,3-cd]pyrene		ND		25
Fluoranthene		ND		25
Pyrene		ND		25
Dibenz(a,h)anthracene		ND		25

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	55	30 - 115
Terphenyl-d14	59	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-15**

Lab Sample ID: 720-9167-3
Client Matrix: Solid

Date Sampled: 05/17/2007 0941
Date Received: 05/17/2007 1125

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 10
Date Analyzed: 05/17/2007 2104
Date Prepared: 05/17/2007 1231

Analysis Batch: 720-21715
Prep Batch: 720-21654

Instrument ID: Sat 2K2
Lab File ID: c:\saturnws\epdata\data\200
Initial Weight/Volume: 30.16 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		50
Acenaphthene		ND		50
Acenaphthylene		ND		50
Fluorene		ND		50
Phenanthrene		ND		50
Anthracene		ND		50
Benzo[a]anthracene		ND		50
Chrysene		ND		50
Benzo[a]pyrene		ND		50
Benzo[b]fluoranthene		ND		50
Benzo[k]fluoranthene		ND		50
Benzo[g,h,i]perylene		59		50
Indeno[1,2,3-cd]pyrene		ND		50
Fluoranthene		ND		50
Pyrene		ND		50
Dibenz(a,h)anthracene		ND		50

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	55	30 - 115
Terphenyl-d14	59	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-20**

Lab Sample ID: 720-9167-4
Client Matrix: Solid

Date Sampled: 05/17/2007 0945
Date Received: 05/17/2007 1125

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1742
Date Prepared: 05/17/2007 1231

Analysis Batch: 720-21715
Prep Batch: 720-21654

Instrument ID: Sat 2K2
Lab File ID: c:\saturnws\epdata\data\200
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		5.0
Acenaphthene		ND		5.0
Acenaphthylene		ND		5.0
Fluorene		ND		5.0
Phenanthrene		ND		5.0
Anthracene		ND		5.0
Benzo[a]anthracene		ND		5.0
Chrysene		ND		5.0
Benzo[a]pyrene		ND		5.0
Benzo[b]fluoranthene		ND		5.0
Benzo[k]fluoranthene		ND		5.0
Benzo[g,h,i]perylene		ND		5.0
Indeno[1,2,3-cd]pyrene		ND		5.0
Fluoranthene		ND		5.0
Pyrene		ND		5.0
Dibenz(a,h)anthracene		ND		5.0

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	57	30 - 115
Terphenyl-d14	71	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-25**

Lab Sample ID: 720-9167-5
Client Matrix: Solid

Date Sampled: 05/17/2007 0950
Date Received: 05/17/2007 1125

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 2.0
Date Analyzed: 05/18/2007 1930
Date Prepared: 05/17/2007 1231

Analysis Batch: 720-21787
Prep Batch: 720-21654

Instrument ID: Latest Chemstation
Lab File ID: 051807018.D
Initial Weight/Volume: 30.38 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		9.9
Acenaphthene		ND		9.9
Acenaphthylene		ND		9.9
Fluorene		ND		9.9
Phenanthrene		ND		9.9
Anthracene		ND		9.9
Benzo[a]anthracene		ND		9.9
Chrysene		ND		9.9
Benzo[a]pyrene		ND		9.9
Benzo[b]fluoranthene		ND		9.9
Benzo[k]fluoranthene		ND		9.9
Benzo[g,h,i]perylene		ND		9.9
Indeno[1,2,3-cd]pyrene		ND		9.9
Fluoranthene		ND		9.9
Pyrene		ND		9.9
Dibenz(a,h)anthracene		ND		9.9

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	58	30 - 115
Terphenyl-d14	56	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-30**

Lab Sample ID: 720-9167-6
Client Matrix: Solid

Date Sampled: 05/17/2007 0958
Date Received: 05/17/2007 1125

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1810
Date Prepared: 05/17/2007 1231

Analysis Batch: 720-21715
Prep Batch: 720-21654

Instrument ID: Sat 2K2
Lab File ID: c:\saturnws\epdata\data\200
Initial Weight/Volume: 30.34 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		4.9
Acenaphthene		ND		4.9
Acenaphthylene		ND		4.9
Fluorene		ND		4.9
Phenanthrene		ND		4.9
Anthracene		ND		4.9
Benzo[a]anthracene		ND		4.9
Chrysene		ND		4.9
Benzo[a]pyrene		ND		4.9
Benzo[b]fluoranthene		ND		4.9
Benzo[k]fluoranthene		ND		4.9
Benzo[g,h,i]perylene		ND		4.9
Indeno[1,2,3-cd]pyrene		ND		4.9
Fluoranthene		ND		4.9
Pyrene		ND		4.9
Dibenz(a,h)anthracene		ND		4.9

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	56	30 - 115
Terphenyl-d14	71	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-35**

Lab Sample ID: 720-9167-7
Client Matrix: Solid

Date Sampled: 05/17/2007 1005
Date Received: 05/17/2007 1125

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 05/17/2007 1839
Date Prepared: 05/17/2007 1231

Analysis Batch: 720-21715
Prep Batch: 720-21654

Instrument ID: Sat 2K2
Lab File ID: c:\saturnws\epdata\data\200
Initial Weight/Volume: 30.14 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Naphthalene		ND		5.0
Acenaphthene		ND		5.0
Acenaphthylene		ND		5.0
Fluorene		ND		5.0
Phenanthrene		ND		5.0
Anthracene		ND		5.0
Benzo[a]anthracene		ND		5.0
Chrysene		ND		5.0
Benzo[a]pyrene		ND		5.0
Benzo[b]fluoranthene		ND		5.0
Benzo[k]fluoranthene		ND		5.0
Benzo[g,h,i]perylene		ND		5.0
Indeno[1,2,3-cd]pyrene		ND		5.0
Fluoranthene		ND		5.0
Pyrene		ND		5.0
Dibenz(a,h)anthracene		ND		5.0

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	58	30 - 115
Terphenyl-d14	73	18 - 137

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-5**

Lab Sample ID: 720-9167-1
Client Matrix: Solid

Date Sampled: 05/17/2007 0924
Date Received: 05/17/2007 1125

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/18/2007 1302
Date Prepared: 05/17/2007 1234

Analysis Batch: 720-21782
Prep Batch: 720-21655

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.19 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		53		0.97
Motor Oil Range Organics [C24-C36]		170		48

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	3	0 - 5
p-Terphenyl	99	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-10**

Lab Sample ID: 720-9167-2
Client Matrix: Solid

Date Sampled: 05/17/2007 0935
Date Received: 05/17/2007 1125

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/18/2007 1438
Date Prepared: 05/17/2007 1234

Analysis Batch: 720-21782
Prep Batch: 720-21655

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.25 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		15		0.96
Motor Oil Range Organics [C24-C36]		ND		48

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	3	0 - 5
p-Terphenyl	86	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-15**

Lab Sample ID: 720-9167-3
Client Matrix: Solid

Date Sampled: 05/17/2007 0941
Date Received: 05/17/2007 1125

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 5.0
Date Analyzed: 05/18/2007 1510
Date Prepared: 05/17/2007 1234

Analysis Batch: 720-21782
Prep Batch: 720-21655

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.36 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		150		4.7
Motor Oil Range Organics [C24-C36]		570		230

Surrogate	%Rec		Acceptance Limits
Capric Acid (Surr)	0		0 - 5
p-Terphenyl	0	D	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-20**

Lab Sample ID: 720-9167-4
Client Matrix: Solid

Date Sampled: 05/17/2007 0945
Date Received: 05/17/2007 1125

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/18/2007 1615
Date Prepared: 05/17/2007 1234

Analysis Batch: 720-21782
Prep Batch: 720-21655

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.40 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		31		0.93
Motor Oil Range Organics [C24-C36]		ND		46

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	3	0 - 5
p-Terphenyl	97	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-25**

Lab Sample ID: 720-9167-5
Client Matrix: Solid

Date Sampled: 05/17/2007 0950
Date Received: 05/17/2007 1125

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/18/2007 1647
Date Prepared: 05/17/2007 1234

Analysis Batch: 720-21782
Prep Batch: 720-21655

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.00 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		19		1.0
Motor Oil Range Organics [C24-C36]		51		50

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	2	0 - 5
p-Terphenyl	104	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-30**

Lab Sample ID: 720-9167-6
Client Matrix: Solid

Date Sampled: 05/17/2007 0958
Date Received: 05/17/2007 1125

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/18/2007 1615
Date Prepared: 05/17/2007 1234

Analysis Batch: 720-21782
Prep Batch: 720-21655

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.21 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		6.9		0.96
Motor Oil Range Organics [C24-C36]		ND		48

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	3	0 - 5
p-Terphenyl	104	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: **123H-35**

Lab Sample ID: 720-9167-7
Client Matrix: Solid

Date Sampled: 05/17/2007 1005
Date Received: 05/17/2007 1125

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3570
Dilution: 1.0
Date Analyzed: 05/18/2007 1647
Date Prepared: 05/17/2007 1234

Analysis Batch: 720-21782
Prep Batch: 720-21655

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.43 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		4.6		0.92
Motor Oil Range Organics [C24-C36]		ND		46

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	2	0 - 5
p-Terphenyl	105	50 - 130

Client: ENV America, Incorporated

Job Number: 720-9167-1

Client Sample ID: 123H

Lab Sample ID: 720-9167-8
Client Matrix: Water

Date Sampled: 05/17/2007 1025
Date Received: 05/17/2007 1125

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 05/21/2007 1346
Date Prepared: 05/18/2007 1542

Analysis Batch: 720-21794
Prep Batch: 720-21734

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	68		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	75	50 - 130
Capric Acid (Surr)	0	0 - 5

DATA REPORTING QUALIFIERS

Client: ENV America, Incorporated Job Number: 720-9167-1

Lab Section	Qualifier	Description
GC Semi VOA		
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Client: ENV America, Incorporated Job Number: 720-9167-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 720-21654					
LCS 720-21654/2-AA	Lab Control Spike	T	Solid	3550B	
LCSD 720-21654/3-AA	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-21654/1-AA	Method Blank	T	Solid	3550B	
720-9167-1	123H-5	T	Solid	3550B	
720-9167-1MS	Matrix Spike	T	Solid	3550B	
720-9167-1MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-9167-2	123H-10	T	Solid	3550B	
720-9167-3	123H-15	T	Solid	3550B	
720-9167-4	123H-20	T	Solid	3550B	
720-9167-5	123H-25	T	Solid	3550B	
720-9167-6	123H-30	T	Solid	3550B	
720-9167-7	123H-35	T	Solid	3550B	
Analysis Batch:720-21715					
LCS 720-21654/2-AA	Lab Control Spike	T	Solid	8270C	720-21654
LCSD 720-21654/3-AA	Lab Control Spike Duplicate	T	Solid	8270C	720-21654
MB 720-21654/1-AA	Method Blank	T	Solid	8270C	720-21654
720-9167-1	123H-5	T	Solid	8270C	720-21654
720-9167-1MS	Matrix Spike	T	Solid	8270C	720-21654
720-9167-1MSD	Matrix Spike Duplicate	T	Solid	8270C	720-21654
720-9167-2	123H-10	T	Solid	8270C	720-21654
720-9167-3	123H-15	T	Solid	8270C	720-21654
720-9167-4	123H-20	T	Solid	8270C	720-21654
720-9167-6	123H-30	T	Solid	8270C	720-21654
720-9167-7	123H-35	T	Solid	8270C	720-21654
Analysis Batch:720-21787					
720-9167-5	123H-25	T	Solid	8270C	720-21654

Report Basis
T = Total

Client: ENV America, Incorporated Job Number: 720-9167-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-21655					
LCS 720-21655/2-AA	Lab Control Spike	A	Solid	3570	
LCSD 720-21655/3-AA	Lab Control Spike Duplicate	A	Solid	3570	
MB 720-21655/1-AA	Method Blank	A	Solid	3570	
720-9167-1	123H-5	A	Solid	3570	
720-9167-2	123H-10	A	Solid	3570	
720-9167-2MS	Matrix Spike	A	Solid	3570	
720-9167-2MSD	Matrix Spike Duplicate	A	Solid	3570	
720-9167-3	123H-15	A	Solid	3570	
720-9167-4	123H-20	A	Solid	3570	
720-9167-5	123H-25	A	Solid	3570	
720-9167-6	123H-30	A	Solid	3570	
720-9167-7	123H-35	A	Solid	3570	
Prep Batch: 720-21734					
LCS 720-21734/2-AA	Lab Control Spike	A	Water	3510C SGC	
LCSD 720-21734/3-AA	Lab Control Spike Duplicate	A	Water	3510C SGC	
MB 720-21734/1-AA	Method Blank	A	Water	3510C SGC	
720-9167-8	123H	A	Water	3510C SGC	
Analysis Batch:720-21782					
LCS 720-21655/2-AA	Lab Control Spike	A	Solid	8015B	720-21655
LCSD 720-21655/3-AA	Lab Control Spike Duplicate	A	Solid	8015B	720-21655
MB 720-21655/1-AA	Method Blank	A	Solid	8015B	720-21655
720-9167-1	123H-5	A	Solid	8015B	720-21655
720-9167-2	123H-10	A	Solid	8015B	720-21655
720-9167-2MS	Matrix Spike	A	Solid	8015B	720-21655
720-9167-2MSD	Matrix Spike Duplicate	A	Solid	8015B	720-21655
720-9167-3	123H-15	A	Solid	8015B	720-21655
720-9167-4	123H-20	A	Solid	8015B	720-21655
720-9167-5	123H-25	A	Solid	8015B	720-21655
720-9167-6	123H-30	A	Solid	8015B	720-21655
720-9167-7	123H-35	A	Solid	8015B	720-21655
Analysis Batch:720-21794					
LCS 720-21734/2-AA	Lab Control Spike	A	Water	8015B	720-21734
LCSD 720-21734/3-AA	Lab Control Spike Duplicate	A	Water	8015B	720-21734
MB 720-21734/1-AA	Method Blank	A	Water	8015B	720-21734
720-9167-8	123H	A	Water	8015B	720-21734

Report Basis
A = Silica Gel Cleanup

Client: ENV America, Incorporated

Job Number: 720-9167-1

Method Blank - Batch: 720-21654

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 720-21654/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/17/2007 1644
Date Prepared: 05/17/2007 1231

Analysis Batch: 720-21715
Prep Batch: 720-21654
Units: ug/Kg

Instrument ID: Sat 2K2
Lab File ID: c:\saturnws\epdata\data\20
Initial Weight/Volume: 30.25 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	RL
Naphthalene	ND		5.0
Acenaphthene	ND		5.0
Acenaphthylene	ND		5.0
Fluorene	ND		5.0
Phenanthrene	ND		5.0
Anthracene	ND		5.0
Benzo[a]anthracene	ND		5.0
Chrysene	ND		5.0
Benzo[a]pyrene	ND		5.0
Benzo[b]fluoranthene	ND		5.0
Benzo[k]fluoranthene	ND		5.0
Benzo[g,h,i]perylene	ND		5.0
Indeno[1,2,3-cd]pyrene	ND		5.0
Fluoranthene	ND		5.0
Pyrene	ND		5.0
Dibenz(a,h)anthracene	ND		5.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	55	30 - 115
Terphenyl-d14	73	18 - 137

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENV America, Incorporated

Job Number: 720-9167-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-21654

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID: LCS 720-21654/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/17/2007 1713
Date Prepared: 05/17/2007 1231

Analysis Batch: 720-21715
Prep Batch: 720-21654
Units: ug/Kg

Instrument ID: Sat 2K2
Lab File ID: c:\saturnws\epdata\data\20
Initial Weight/Volume: 30.19 g
Final Weight/Volume: 1 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 720-21654/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/17/2007 1615
Date Prepared: 05/17/2007 1231

Analysis Batch: 720-21715
Prep Batch: 720-21654
Units: ug/Kg

Instrument ID: Sat 2K2
Lab File ID: c:\saturnws\epdata\data\200
Initial Weight/Volume: 30.23 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Naphthalene	46	50	21 - 133	9	35		
Acenaphthene	46	51	40 - 145	9	35		
Acenaphthylene	40	48	33 - 145	16	35		
Fluorene	52	58	50 - 121	10	35		
Phenanthrene	55	58	10 - 130	4	35		
Anthracene	59	61	27 - 133	3	35		
Benzo[a]anthracene	64	68	33 - 143	6	35		
Chrysene	67	70	17 - 168	4	35		
Benzo[a]pyrene	55	61	17 - 163	9	35		
Benzo[b]fluoranthene	57	61	24 - 159	7	35		
Benzo[k]fluoranthene	67	72	11 - 162	7	35		
Benzo[g,h,i]perylene	63	77	9 - 219	19	35		
Indeno[1,2,3-cd]pyrene	46	52	9 - 171	13	35		
Fluoranthene	60	64	26 - 137	6	35		
Pyrene	61	64	52 - 115	3	35		
Dibenz(a,h)anthracene	51	64	9 - 171	21	35		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorobiphenyl	48	54	30 - 115
Terphenyl-d14	70	72	18 - 137

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENV America, Incorporated

Job Number: 720-9167-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-21654

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	720-9167-1	Analysis Batch: 720-21715	Instrument ID: Sat 2K2
Client Matrix:	Solid	Prep Batch: 720-21654	Lab File ID: c:\saturnws\epdata\data\2
Dilution:	5.0		Initial Weight/Volume: 30.11 g
Date Analyzed:	05/17/2007 1937		Final Weight/Volume: 1 mL
Date Prepared:	05/17/2007 1231		Injection Volume:

MSD Lab Sample ID:	720-9167-1	Analysis Batch: 720-21715	Instrument ID: Sat 2K2
Client Matrix:	Solid	Prep Batch: 720-21654	Lab File ID: c:\saturnws\epdata\data\20
Dilution:	5.0		Initial Weight/Volume: 30.28 g
Date Analyzed:	05/17/2007 2006		Final Weight/Volume: 1 mL
Date Prepared:	05/17/2007 1231		Injection Volume:

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Naphthalene	60	57	21 - 133	6	35		
Acenaphthene	63	60	40 - 145	5	35		
Acenaphthylene	58	56	33 - 145	3	35		
Fluorene	68	64	50 - 121	7	35		
Phenanthrene	67	61	10 - 130	9	35		
Anthracene	63	57	27 - 133	10	35		
Benzo[a]anthracene	71	72	33 - 143	0	35		
Chrysene	67	62	17 - 168	8	35		
Benzo[a]pyrene	51	57	17 - 163	9	35		
Benzo[b]fluoranthene	67	70	24 - 159	4	35		
Benzo[k]fluoranthene	52	52	11 - 162	0	35		
Benzo[g,h,i]perylene	88	100	9 - 219	12	35		
Indeno[1,2,3-cd]pyrene	78	103	9 - 171	27	35		
Fluoranthene	66	57	26 - 137	15	35		
Pyrene	66	62	52 - 115	7	35		
Dibenz(a,h)anthracene	63	57	52 - 115	11	35		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	63	59	30 - 115
Terphenyl-d14	72	66	18 - 137

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENV America, Incorporated

Job Number: 720-9167-1

Method Blank - Batch: 720-21655

Method: 8015B
Preparation: 3570
Silica Gel Cleanup

Lab Sample ID: MB 720-21655/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/18/2007 1230
Date Prepared: 05/17/2007 1234

Analysis Batch: 720-21782
Prep Batch: 720-21655
Units: mg/Kg

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.00 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		1.0
Motor Oil Range Organics [C24-C36]	ND		50

Surrogate	% Rec	Acceptance Limits
Capric Acid (Surr)	4	0 - 5

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	91	50 - 130

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-21655

Method: 8015B
Preparation: 3570
Silica Gel Cleanup

LCS Lab Sample ID: LCS 720-21655/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/18/2007 1126
Date Prepared: 05/17/2007 1234

Analysis Batch: 720-21782
Prep Batch: 720-21655
Units: mg/Kg

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.01 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-21655/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 05/18/2007 1158
Date Prepared: 05/17/2007 1234

Analysis Batch: 720-21782
Prep Batch: 720-21655
Units: mg/Kg

Instrument ID: Varian DRO2
Lab File ID: N/A
Initial Weight/Volume: 5.17 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	109	106	50 - 130	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	107	105	50 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENV America, Incorporated

Job Number: 720-9167-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-21655

Method: 8015B
Preparation: 3570
Silica Gel Cleanup

MS Lab Sample ID:	720-9167-2	Analysis Batch: 720-21782	Instrument ID: Varian DRO2
Client Matrix:	Solid	Prep Batch: 720-21655	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 5.03 g
Date Analyzed:	05/18/2007 1510		Final Weight/Volume: 5 mL
Date Prepared:	05/17/2007 1234		Injection Volume:
			Column ID: PRIMARY

MSD Lab Sample ID:	720-9167-2	Analysis Batch: 720-21782	Instrument ID: Varian DRO2
Client Matrix:	Solid	Prep Batch: 720-21655	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 5.09 g
Date Analyzed:	05/18/2007 1542		Final Weight/Volume: 5 mL
Date Prepared:	05/17/2007 1234		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10-C28]	103	81	50 - 130	18	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
p-Terphenyl	97	104	50 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENV America, Incorporated

Job Number: 720-9167-1

Method Blank - Batch: 720-21734

Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup

Lab Sample ID: MB 720-21734/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1319
Date Prepared: 05/18/2007 1542

Analysis Batch: 720-21794
Prep Batch: 720-21734
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	68	50 - 130
Capric Acid (Surr)	0	0 - 5

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-21734

Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup

LCS Lab Sample ID: LCS 720-21734/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1226
Date Prepared: 05/18/2007 1542

Analysis Batch: 720-21794
Prep Batch: 720-21734
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-21734/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2007 1253
Date Prepared: 05/18/2007 1542

Analysis Batch: 720-21794
Prep Batch: 720-21734
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	63	62	50 - 130	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	95	94	50 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: ENV America, Incorporated

Job Number: 720-9167-1

Login Number: 9167

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	