SOIL AND GROUNDWATER INVESTIGATION REPORT

501 El Charro Road
Pleasanton, California

PREPARED FOR:

Vulcan Materials Company
11599 Old Friant Road
Fresno, CA 93730

PREPARED BY:

ENV America Incorporated
244 California Street, Suite 500
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ENV America Project No. VMC-06-09

February 8, 2007

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1.0 INTRODUCTION

1.1 Authorization

ENV America Incorporated (ENV America) conducted this Soil and Groundwater Investigation for the property located at 501 El Charro Road, Pleasanton, Alameda County, California (Site, Figure 1). This Soil and Groundwater Investigation was performed in accordance with a work plan submitted by ENV America, dated October 17, 2006, and authorized by Vulcan Materials Company (VMC).

1.2 Purpose

The purpose of this investigation is to characterize soil and groundwater in areas of the former underground storage tanks (USTs). Five borings were advanced to assess the vertical and lateral extent of a release of total petroleum hydrocarbons as diesel (TPHd) and gasoline (TPHg) first reported in the Underground Storage Tank Closure Report, submitted by ACC Environmental Consultants on December 17, 2002.

1.3 Site Location and Description

The site is located at 501 El Charro Road, Pleasanton, California (Figure 2). The Site is currently occupied by a VMC asphalt, sand and gravel facility. The Site is bound by El Charro Road to the north and east, to the south by Stanley Boulevard, and facility operations to the west.

2.0 OBJECTIVES AND SCOPE OF WORK

The following scope of work was performed to further evaluate Site conditions:

- Drilling and sampling of five soil borings (B-1 through B-5) in the vicinity of the former USTs to assess TPHd and TPHg concentrations previously detected during UST removal;
- Surveying the boring locations following the drilling activities;
- Conducting a well survey in the vicinity of the Site;
- Providing a report documenting the work performed, analytical results, and recommendations.

3.0 FIELD METHODS

3.1 Pre-Field Activities

Prior to conducting fieldwork, ENV America obtained a soil boring permit from the Alameda County Zone 7 Water Resources Management District (Exhibit A). A site-specific health and safety plan was prepared. Boring locations were marked with white paint and Underground Service Alert (USA), a regional sub-surface utility notification center, was notified a minimum of 48 hours prior to the drilling activities. In addition, Subsurface Utility Service of Petaluma, California, a private utility locator, cleared the boring locations for subsurface utilities.

3.2 Field Methods

ENV America contracted Gregg Drilling and Testing, Inc. (Gregg) of Martinez, California, a C-57 licensed drilling company, to drill four soil borings (B-1 through B-4) at the Site from November 27 through November 28, 2006. The boring locations were strategically placed to characterize the lateral and vertical extent of contamination (Figure 2). The borings were continuously cored and advanced to first encountered groundwater using a hollow stem auger drill rig. The recovered soil was screened with an organic vapor monitor equipped with a photoionization detector (PID) and logged continuously 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, under the direction of a California professional geologist. Soil samples were collected for laboratory analysis at depth intervals where staining, odor, or elevated PID readings were observed. In addition one soil sample was collected for laboratory analysis two feet below the interval of observed staining, odor, or elevated PID readings. Although staining, odor, or elevated PID readings were not observed in the field, one soil sample was collected approximately 15 feet below ground surface (bgs) and one sample was collected at the capillary fringe, just above first encountered groundwater. Soil samples were collected in clean stainless steel liners capped with Teflon® sheets and end caps. Severn Trent Laboratories (STL) of Pleasanton, California, a California State certified laboratory was contracted to analyze soil samples for the presence of TPHd, TPHg, BTEX, 1,2-DCA, EDB, MTBE, and LUFT oxygenates using Environmental Protection Agency (EPA) Method 8015 Modified and EPA Method 8260B, and for total lead by EPA Method 6010B. Following drilling activities all borings were surveyed by Kier & Wright Surveyors, Inc. of Pleasanton, a California licensed surveyor.

One groundwater sample was collected for laboratory analysis from each of the four borings (B-1 through B-4) advanced from November 27 through November 28, 2006. Samples were collected at first encountered groundwater by installing a temporary well point. The augers were advanced approximately five feet below the groundwater surface. Once at depth, a two-inch polyvinyl chloride (PVC) casing and screen was placed inside the augers. Groundwater samples were collected from the temporary well point using a new disposable bailer. The samples were decanted from the bailer into laboratory supplied sample containers. STL analyzed the groundwater samples for the presence of TPHd, TPHg, BTEX, 1,2,-DCA, EDB, MTBE, and LUFT oxygenates using EPA Method 8015 Modified and EPA Method 8260B, and for total lead by EPA Method 6010B. The groundwater samples collected from borings B-1 through B-4 were not filtered in the laboratory prior to being analyzed for total lead.

On January 31, 2007 ENV America contracted Water Development Corporation (WDC) of Zamora, California, a C-57 licensed drilling company to drill one additional soil boring (B-5) at the Site and a groundwater sample was collected. The groundwater sample collected from boring B-5 was filtered in the laboratory prior to being analyzed for lead.

All down hole equipment was decontaminated prior to starting and in between each boring using either a steam cleaner/pressure washer or by washing the equipment with laboratory grade detergent, and triple rinsing. Soil and water samples were stored in ice-chilled coolers until delivered to the analytical laboratory under chain-of-custody procedures.

The following is a summary of the soil and groundwater sampling locations:

- From November 27 through November 28, 2006 four soil borings (B-1 through B-4) were drilled and sampled in the northeast, southwest, southeast, and northwest area of the former USTs' locations to assess lateral and vertical extent of potential contaminants in soil and groundwater.
- On January 31, 2007 one additional soil boring (B-5) was drilled in the southeast area of the former USTs directly adjacent to the B-1 location.

PVC casing was used as a tremie pipe to grout the borings from total depth to ground surface using Type I/II neat cement mixed in a ratio of one 94-pound bag of cement to five to seven gallons of municipal water. Drill cuttings and equipment wash water were placed in labeled containers and stored on the Site pending analytical results.

4.0 FINDINGS

Results of soil and groundwater sampling conducted at the Site including a discussion of lithology encountered, and a presentation of laboratory analytical results for soil and groundwater are presented in this section. Lithology encountered is presented on boring logs included as Exhibit B. Summary tables of both soil and groundwater analytical results are presented in Tables 1 and 2, respectively. The complete laboratory analytical package and chain-of-custody documentation is included as Exhibit C.

4.1 Lithology and Hydrology

Lithology encountered during drilling activities consisted of predominantly gravel with sand to depths of up to six feet bgs underlain by lean clay with varying amounts of coarser grained material to a depth of up to 20 feet bgs underlain by gravel with sand to the total depth of the borings. Groundwater was first encountered between 56.5 feet bgs and 57 feet bgs. Previous groundwater monitoring data in the vicinity of the Site provided by the Zone 7 Alameda County Flood Control and Water Conservation District (Zone 7) show the groundwater flow direction approximately to the northwest. Staining or elevated PID readings were not observed in any of the borings.

4.2 Analytical Results

Soil and groundwater analytical results are presented below.

4.2.1 *Soil Analytical Results*

Soil samples were collected from borings B-1, B-2, B-3 and B-4 at depths of 15 and 55 feet bgs. Samples collected were analyzed by STL for the presence of TPHd, TPHg, BTEX, 1,2,-DCA, EDB, MTBE, and LUFT oxygenates using EPA Method 8015 Modified and EPA Method 8260B, and for total lead by EPA Method 6010B.

Lead was detected in all of the soil samples analyzed, with a maximum concentration of 7.1 milligrams/kilogram (mg/kg) in boring B-1 at 15 feet bgs. All other analytes were not detected above their laboratory reporting limits. TPHd and TPHg were not detected in any of the soil samples analyzed. Soil analytical data are presented in Table 1.

4.2.2 *Groundwater Analytical Results*

Groundwater samples were collected from borings B-1, B-2, B-3, B-4, and B-5. Groundwater samples were analyzed by STL for the presence of TPHd, TPHg, BTEX, 1,2,-DCA, EDB, MTBE, and LUFT oxygenates using EPA Method 8015 Modified and EPA Method 8260B, and for total lead by EPA Method 6010B.

TPHd was detected in borings B-1 at 140 micrograms per liter (µg/L), and B-2 at 65 µg/L. Lead was detected in groundwater samples collected from borings B-1 through B-4, with a maximum concentration of 1,000 µg/L in both borings B-1 and B-4. The groundwater samples collected from borings B-1 through B-4 were not filtered prior to being preserved with nitric acid and analyzed for lead. The groundwater sample collected from boring B-5 was filtered in the laboratory prior to being preserved, and analyzed for lead. Lead was not detected in the analysis of the groundwater sample from boring B-5 above the laboratory reporting limit of 0.0047 mg/L. The groundwater analytical results are presented in Table 2.

5.0 DISCUSSION OF ANALYTICAL RESULTS

The analytical results for the soil samples were compared to the California Regional Water Quality Control Board's (RWQCB) Environmental Screening Levels (ESLs) (RWQCB, 2003). Lead was detected in all soil samples analyzed, with a maximum concentration of 7.1 mg/kg from boring B-1. This concentration is below the ESL for lead in soil (200 mg/kg). All other analytes detected in soil were at or below their respective laboratory reporting limits and below their ESLs. Soil analytical results are summarized in Table 1.

Analytical results for the groundwater samples collected were compared to the RWQCB ESLs (RWQCB, 2003). Lead was detected in groundwater samples collected from borings B-1 through B-4 above the ESL (2.5 µg/L), with a maximum concentration of 1,000 µg/L in borings B-1 and B-4. As described above, samples collected from borings B-1 through B-4 were not filtered prior to being preserved with nitric acid and analyzed for lead. Because these samples were "grab" samples collected from essentially open bore holes, the water was turbid and contained a high proportion of sediment. When the sample was placed in the sample bottle with the acid preservative, lead, which is very sensitive to a low pH environment, was leached out of the sediment in the sample, accounting for the apparent high lead concentrations in the groundwater. Because these anomalously high lead concentrations are not representative of dissolved lead concentrations in groundwater at the Site, an additional boring, B-5, was drilled. The groundwater sample collected from boring B-5 was filtered in the laboratory prior to being preserved, and analyzed for lead. Lead was not detected in the analysis of the groundwater sample from boring B-5 above the laboratory reporting limit of 0.0047 mg/L. We believe that this B-5 result is representative of actual lead concentrations in groundwater beneath the Site. TPHd was detected above the ESL (100 µg/L) in groundwater samples collected from boring B-1 (140 µg/L) and B-2 (65 µg/L). All other analytes were detected at or below their respective laboratory reporting limits and below their ESLs. Groundwater analytical results are summarized in Table 2.

6.0 WELL SURVEY

A well survey was conducted to identify all water supply wells within a 2,000-foot radius of the Site. Requests for well information were made to the Zone 7 Alameda County Flood Control and Water Conservation District (Zone 7) and the California Department of Water Resources – Central District (DWR).

The Zone 7 well survey identified five water production wells, and five groundwater monitoring wells within a 2,000-foot radius of the Site. The DWR well survey identified two domestic water production wells, three irrigation wells, and three monitoring wells located within the 2,000-foot well survey radius.

7.0 RECOMMENDATIONS

Based on the findings of this investigation ENV America recommends that no further actions be required at this Site, and requests that closure be granted to the Site.

ENV America, on behalf of VMC, is pleased to submit this Soil and Groundwater Investigation report for the Site located at 501 El Charro Road, Pleasanton, California. If you have any questions regarding this report please call the undersigned at (415) 989-9933 extension 225.

ENV America Incorporated

Bryan Behr
Project Manager

Allan Atkinson, PG #3515, expires 10/31/08
Principal

TABLES

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS

Vulcan Materials Company
Pleasanton Facility
501 El Charro Road,
Pleasanton, California

		VOC's[1] (mg/Kg)[4]												TEPH[2] (mg/Kg)	Metals[3] (mg/Kg)
		1,2-Dichloroethane	Benzene	Ethylbenzene	MtBE	TAME	Toluene	Total Xylenes	TBA	DIPE	EDB	EtBE	Gasoline Rang Organics	Diesel Range Organics	Lead
Sample ID	**Sample Date**														
B-1@15'	11/27/06	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0089	<0.0089	<0.0045	<0.0045	<0.0045	<0.22	<1.0	**7.1**
B-1@55'	11/27/06	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0089	<0.0089	<0.0045	<0.0045	<0.0045	<0.22	<1.0	**3.5**
B-2@15'	11/27/06	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0096	<0.0096	<0.0048	<0.0048	<0.0048	<0.24	<0.99	**5.9**
B-2@55'	11/27/06	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.25	<0.99	**3.9**
B-3@15'	11/28/06	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0088	<0.0088	<0.0044	<0.0044	<0.0044	<0.22	<0.99	**5.3**
B-3@55'	11/28/06	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0097	<0.0097	<0.0049	<0.0049	<0.0049	<0.24	<1.0	**4.0**
B-4@15'	11/28/06	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0094	<0.0094	<0.0047	<0.0047	<0.0047	<0.24	<0.99	**6.8**
B-4@55'	11/28/06	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0094	<0.0094	<0.0047	<0.0047	<0.0047	<0.24	<1.0	**3.6**

Notes:
1 - Volatile Organic Compounds by Environmental Protection Agency (EPA) Test Method 8260B
2 - Total Extractable Petroleum Hydrocarbons analyzed by EPA Test Method 8015B Modified
3 - Metals as lead by EPA Test method 6010B
4 - Milligram per kilogram.
<## - not detected at or above the laboratory reporting limit

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

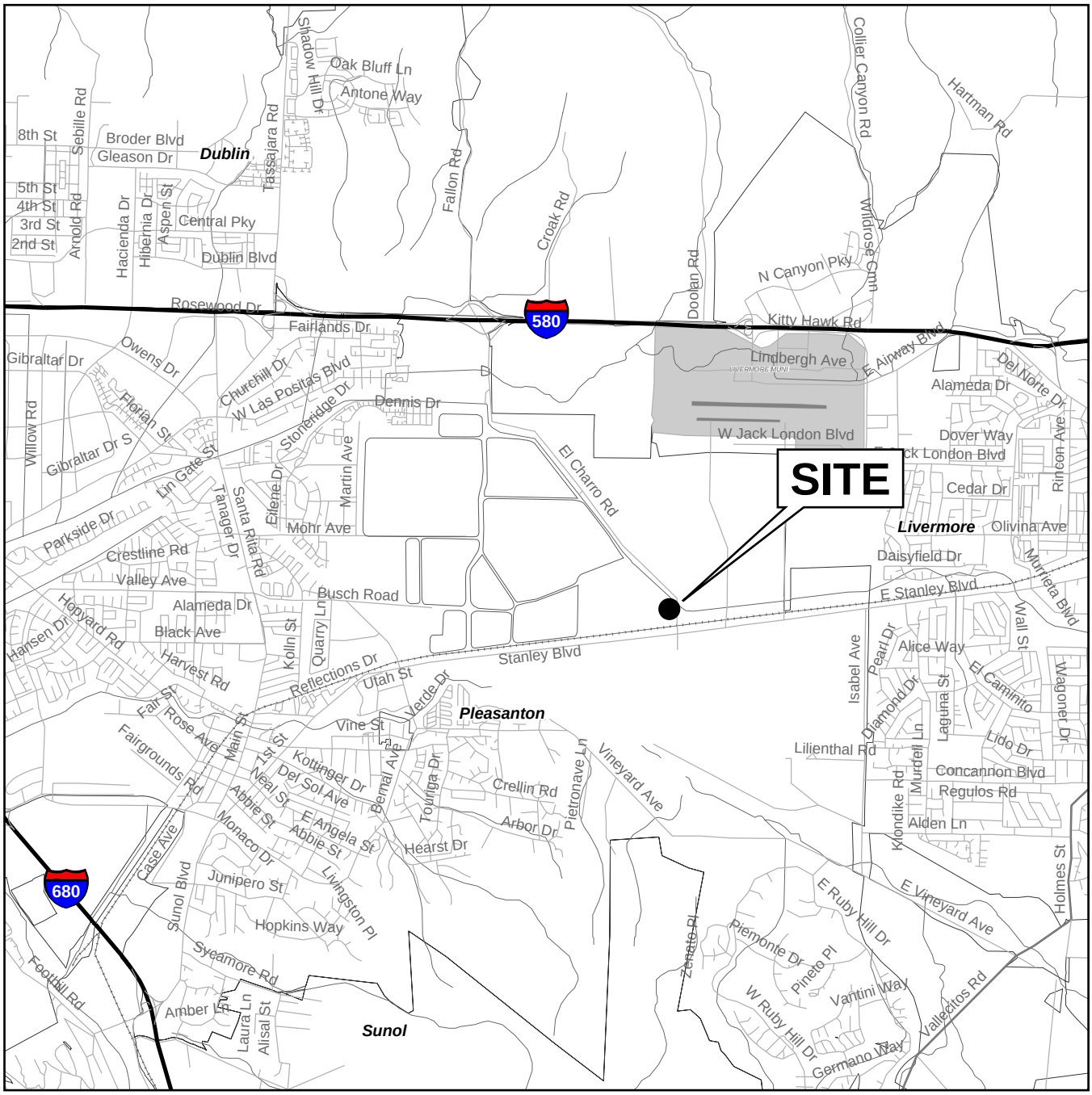
Vulcan Materials Company
Pleasanton Facility
501 El Charro Road,
Pleasanton, California

		VOC's[1] (µg/L)[4]												TEPH[2] (µg/L)	Metals[3] (mg/L)[5]
		1,2-Dichloroethane	Benzene	Ethylbenzene	MtBE	TAME	Toluene	Total Xylenes	TBA	DIPE	EDB	EtBE	Gasoline Range Organics	Diesel Range Organics	Lead
Sample ID	**Sample Date**														
B-1	11/27/06	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<50	**140**	**1.0***
B-2	11/27/06	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<50	**65**	**0.14***
B-3	11/28/06	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<50	<50	**0.8***
B-4	11/28/06	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<50	<50	**1.0***
B-5	1/31/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0047

Notes:
1 - Volatile Organic Compounds by Environmental Protection Agency (EPA) Test Method 8260
2 - Total Extractable Petroleum Hydrocarbons analyzed by EPA Test Method 8015B Modifie
3 - Metals as lead by EPA Test method 6010B
4 - Micrograms per liter.
5 - Milligrams per liter
<## - not detected at or above the laboratory reporting limi
* - Sample was not filtered prior to being analyzed in the laboratory
NA - Not analyzed

FIGURES

LOCMAP	VMC0609
FILE NAME	PROJECT NUMBER
CHECKED BY	
APPROVED BY	
DRAWN BY	



MAP CREATED WITH ARCMAP (STREETMAP) SOFTWARE.

N

0 5,000 Feet

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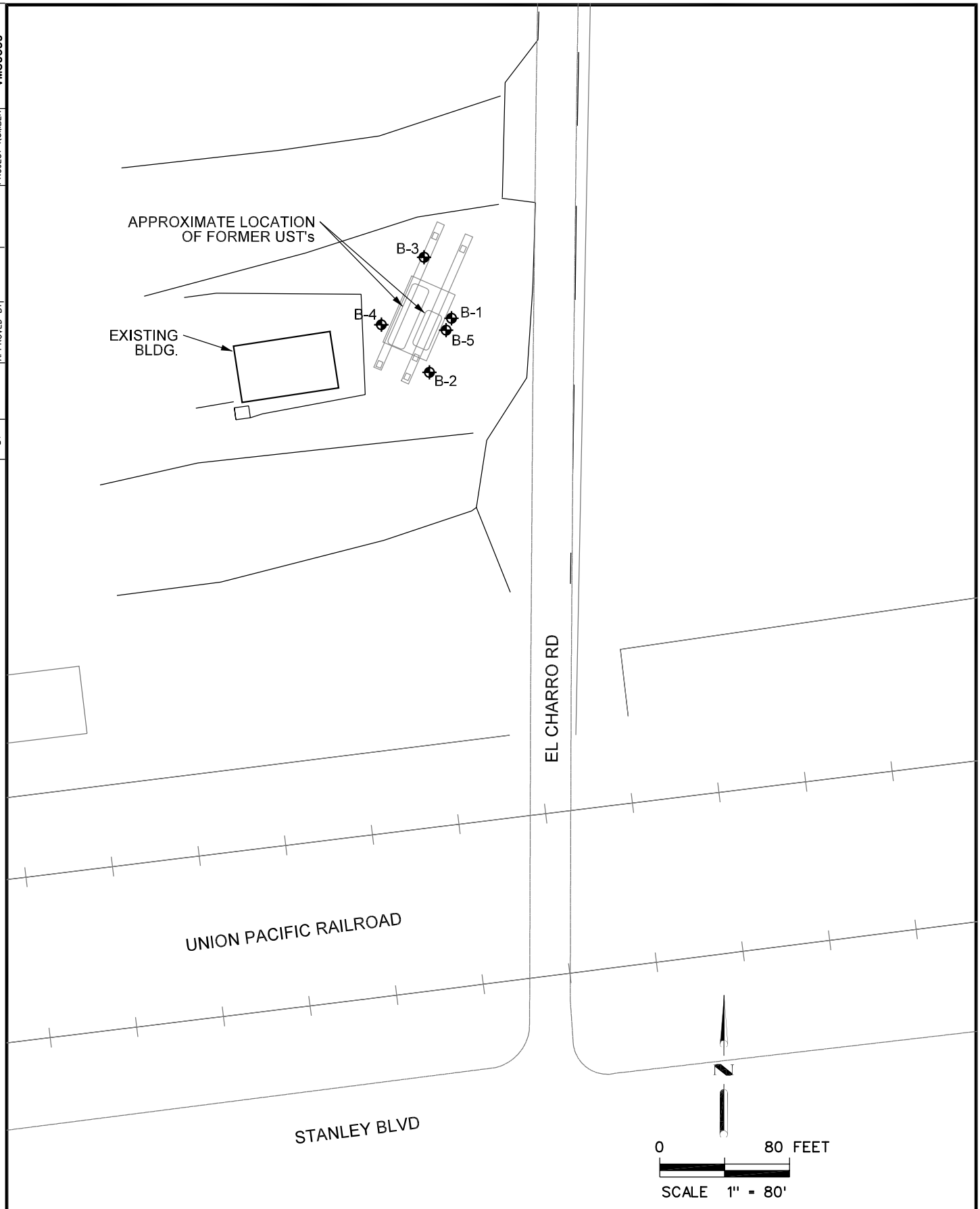
FIGURE 1

SITE VICINITY MAP

VULCAN MATERIALS
5011 EL CHARRO ROAD
PLEASANTON, CALIFORNIA



Basemap provided by Kier & Wright Surveyors
Pleasanton, California.

DRAWN BY	
CHECKED BY	
APPROVED BY	
FILE NAME	-------
PROJECT NUMBER	VMC0609

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FIGURE 2

SITE MAP WITH BORING LOCATIONS

VULCAN MATERIALS
501 EL CHARRO ROAD
PLEASANTON, CALIFORNIA

EXHIBIT A

ALAMEDA COUNTY ZONE 7 WATER RESOURCES MANAGEMENT DISTRICT PERMIT

Zone 7
Alameda County Flood Control
&
Water Conservation District

100 North Canyons Parkway □ Livermore, California 94551 □ Phone (925) 454-5000 □ Fax (925) 454-5728

Telefax Transmittal

Date:	11/21/06
Deliver To:	David O'Connor
Name of Firm:	ENV America
Fax Number:	(415) 989-9934
From:	Wyman Hong
Number of Pages:	2 (Including Cover Page)

For Direct Contact Call: (925) 454-5056

For Return Fax: (925) 454-5728

Remarks:

Drilling permit 26205 for a contamination investigation at 501 El Charro Road in Pleasanton for Vulcan Materials Company.

ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 454-5728

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 501 El Charro Road
Pleasanton, CA

California Coordinates Source ____ ft Accuracy ____ ft.
CCN ____ ft. CCE ____ ft.
APN 946-1350-6-2

CLIENT
Name Vulcan Materials Company
Address 501 El Charro Road Phone ____
City Pleasanton Zip ____

APPLICANT
Name ENV America, Inc. Fax (415) 986-9934
Address 344 California St., Suite 500 Phone (415) 989-9933
City San Francisco, CA Zip 94121

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	**	General	**
Water Supply	**	Possible Contamination	**
Monitoring	**	Well Destruction	**

PROPOSED WELL USE

New Domestic	**	Irrigation	**
Municipal	**	Remediation	**
Industrial	**	Groundwater Monitoring	**
Dewatering	**********	Other ____	****

DRILLING METHOD:

Mud Rotary	**	Air Rotary	**	Hollow Stem Auger	**
Cable Tool	**	Direct Push	**	Other ____	****

DRILLING COMPANY Gregg Drilling, Inc.
DRILLER'S LICENSE NO. 485115

WELL PROJECTS Ø
Drill Hole Diameter ____ in. Maximum
Casing Diameter ____ in. Depth ____ ft.
Surface Seal Depth ____ ft. Number ____

SOIL BORINGS 4
Number of Borings 4 Maximum
Hole Diameter ~ 8 in. Depth 100 ft.
1 up to 4 grab groundwater samples
ESTIMATED STARTING DATE 11/27/06
ESTIMATED COMPLETION DATE 11/29/06

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.
APPLICANT'S SIGNATURE [signature] Date 13 Nov 2006
David O'Connor

ATTACH SITE PLAN OR SKETCH

PERMIT NUMBER 26205
WELL NUMBER ____
APN 946-1350-006-02

PERMIT CONDITIONS

(Circled Permit Requirements Apply)

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
4. A sample port is required on the discharge pipe near the wellhead.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

(D.) GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

(G.) SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after the completion of permitted work the well installation report including all soil and water laboratory analysis results.

Approved [signature] Wyman Hong Date 11/21/06

Revised: April 27, 2005

EXHIBIT B

BORING LOGS

Project: VMC Pleasanton Boring: **B-1** Pg. 1 of 4

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

Date Started: 11/27/06 Sampling Method: Modified California Drive Sampler [18" x 2.0"] Approved by: A. Atkinson

Date Completed: 11/27/06 Hole Diameter: 6" Surface Elevation: 383 feet above msl

Depth in feet	Sample ID	Samples	Blow Count	PID	Water Levels	DESCRIPTION	
0						POORLY GRADED GRAVEL (GP), light olive brown (2.5Y 5/4), moist, 90% fine to coarse gravel, 10% fine to medium gravel	
1						POORLY GRADED GRAVEL with SAND (GP), light olive brown (2.5Y 5/4), wet, 75% fine to coarse subangular gravel, 25% medium sand	Type II-V Neat Cement Grout with a tremmie pipe to ground surface
2							
3							
4							
5			19			SILT (ML), olive brown (2.5Y 4/4), moist, 90% fines, 10% fine gravel, nonplastic	
6			25 14	0			
7			4 7	0			
8			7 4				
9			3 3	0			
10			3 4	0		⇩ 85% fines, 15% fine gravel	
11			5 3			SANDY LEAN CLAY (CL), olive brown (2.5Y 4/4), moist, 55% fines, 35% fine sand, 10% fine gravel, low plasticity	
12			4 4	0			
13			3 3	0			
14			4 3				
15			4	0			

NOTES:

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BORING LOG

Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Drilling Co: Gregg Drilling & Testing, Inc. Drilling Method: Hollow Stem Auger Logged by: B. Behr
Date Started: 11/27/06 Sampling Method: Modified California Drive Sampler [18" x 2.0"] Approved by: A. Atkinson
Date Completed: 11/27/06 Hole Diameter: 6" Surface Elevation: 383 feet above msl

Depth in feet	Sample ID	Samples	Blow Count	PID	Water Levels	DESCRIPTION	
15	B-1-15.5		5			SANDY LEAN CLAY (CL) (Continued)	
			3				
16			5	0			Type II-V Neat Cement Grout with a tremmie pipe to ground surface
			6				
17			4			LEAN CLAY with GRAVEL (CL), olive brown (2.5Y 4/4), moist, 75% fines, 15% fine gravel, 10% fine sand, low to medium plasticity	
			5				
18			6	0			
			4			⇩ 70% fines, 20% fine gravel, 10% fine sand	
19			15				
			11	0		⇩ 65% fines, 25% fine to medium gravel as above	
20			5				
			10				
21			11	0			
			50			POORLY GRADED GRAVEL with CLAY and SAND (GP-GC), olive brown (2.5Y 4/4), moist, 70% fine to coarse rounded gravel, 20% fine to medium sand, 10% low plasticity fines	
22			4				
			6	0			
23			20				
			22				
24			23	0			
			14				
25			32				
			35	0			
26			18				
			32				
27			35	0			
			16			⇩ 60% fine to medium subangular gravel, 30% fine sand, 10% low plasticity fines	
28			20				
			22	0			
29			16				
			23				
30				0			

NOTES:

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BORING LOG

Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton | Boring: **B-1** | Pg. 3 of 4

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

Date Started: 11/27/06 | Sampling Method: Modified California Drive Sampler [18" x 2.0"] | Approved by: A. Atkinson

Date Completed: 11/27/06 | Hole Diameter: 6" | Surface Elevation: 383 feet above msl

Depth in feet	Sample ID	Samples	Blow Count	PID	Water Levels	DESCRIPTION	
30			25			POORLY GRADED GRAVEL with CLAY and SAND (GP-GC) (Continued)	
			29				
31			32	0			Type II-V Neat Cement Grout with a tremmie pipe to ground surface
			28				
32			16				
			20	0			
33			20				
			30				
34			50	0			
			46				
35			14				
			22	0			
36			25				
			23	0		POORLY GRADED GRAVEL with SAND (GP), olive brown (2.5Y 4/4), moist, 70% fine to medium subangular gravel, 30% medium sand	
37			50/6				
38			22				
			35	0			
39			35				
			16				
40			30	0			
			35				
41			21				
			34	0			
42			20				
			16				
43			33	0			
			40				
44			24				
			30	0			
45							

NOTES:

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ENVIRONMENTAL ENGINEERING, CONSULTING & CONSTRUCTION

BORING LOG

Project Location	501 El Charro Road, Pleasanton, CA	Project No.	Last Revised
		VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton | Boring: **B-1** | Pg. 4 of 4

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

Date Started: 11/27/06 | Sampling Method: Modified California Drive Sampler [18" x 2.0"] | Approved by: A. Atkinson

Date Completed: 11/27/06 | Hole Diameter: 6" | Surface Elevation: 383 feet above msl

Depth in feet	Sample ID	Samples	Blow Count	PID	Water Levels	DESCRIPTION
45			31			POORLY GRADED GRAVEL with SAND (GP) (Continued)
			34			
46			38	0		
			40			
47			23			
			33	0		
48			38			
			19			
49			28	0		
			30			
50			25			
			36			
51			39			
			18	0		
52			8			
			31	0		
53			21			
			21			
54			34	0		
			20			
55	B-1-55.5		17			
			31			
56			40	0		
			25			
57			28	0		
			35			
58						TOTAL DEPTH 58 FEET BELOW GROUND SURFACE GROUNDWATER ENCOUNTERED AT 57 FEET BELOW GROUND SURFACE
59						
60						

Type II-V Neat Cement Grout with a tremmie pipe to ground surface

NOTES:

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ENVIRONMENTAL ENGINEERING, CONSULTING & CONSTRUCTION

BORING LOG

Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton Boring: **B-2** Pg. 1 of 4

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

Date Started: 11/27/06 Sampling Method: Modified California Drive Sampler [18" x 2.0"] Approved by: A. Atkinson

Date Completed: 11/27/06 Hole Diameter: 6" Surface Elevation: 383 feet above msl

Depth in feet	Sample ID	Samples	Blow Count	PID	Water Levels	DESCRIPTION	
0						POORLY GRADED GRAVEL (GP), light olive brown (2.5Y 5/4), moist, 90% fine to medium gravel, 10% fine to medium sand	
1						POORLY GRADED GRAVEL with SAND (GP), light olive brown (2.5Y 5/4), moist, 75% fine to medium subangular gravel, 25% medium sand	Type II-V Neat Cement Grout with a tremmie pipe to ground surface
2							
3							
4							
5			10				
			13			SILT (ML), olive brown (2.5Y 4/4), moist, 90% fines, 10% fine gravel, nonplastic	
6			13	0			
			5				
7			5				
			4	0			
8			6				
			13				
9			19	0			
			4				
10			4			SANDY LEAN CLAY (CL), olive brown (2.5Y 4/4), moist, 55% fines, 35% fine sand, 10% fine gravel, medium plasticity	
			10	0			
11			4				
			3				
12			9	0			
			8				
13			7				
			7	0			
14			4				
			4				
15				0			

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BORING LOG

Project Location	501 El Charro Road, Pleasanton, CA	Project No.	Last Revised
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LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton | Boring: **B-2** | Pg. 2 of 4

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

Date Started: 11/27/06 | Sampling Method: Modified California Drive Sampler [18" x 2.0"] | Approved by: A. Atkinson

Date Completed: 11/27/06 | Hole Diameter: 6" | Surface Elevation: 383 feet above msl

Depth in feet	Sample ID	Samples	Blow Count	PID	Water Levels	DESCRIPTION	
15			6			SANDY LEAN CLAY (CL) (Continued)	
			3				
16	B-2-15.5		6	0			Type II-V Neat Cement Grout with a tremmie pipe to ground surface
			10			LEAN CLAY with GRAVEL (CL), olive brown (2.5Y 4/4), moist, 75% fines, 15% fine gravel, 10% fine sand, medium plasticity	
17			10				
			12	0			
18			4				
			9				
19			8	0			
			11				
20			9				
			9	0			
21			10				
			6				
22			7	0			
			9				
23			16				
			19	0			
24			22				
			21				
25			20	0			
			37			POORLY GRADED GRAVEL with CLAY and SAND (GP-GC), olive brown (2.5Y 4/4), moist, 70% fine to medium gravel, 20% fine to medium sand, 10% low plasticity fines	
26			20				
			20	0			
27			27				
			16				
28			21	0			
			31				
29			16				
			23	0			
30							

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Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton | Boring: **B-2** | Pg. 3 of 4

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

Date Started: 11/27/06 | Sampling Method: Modified California Drive Sampler [18" x 2.0"] | Approved by: A. Atkinson

Date Completed: 11/27/06 | Hole Diameter: 6" | Surface Elevation: 383 feet above msl

Depth in feet	Sample ID	Samples	Blow Count	PID	Water Levels	DESCRIPTION	
30			25			POORLY GRADED GRAVEL with CLAY and SAND (GP-GC), olive brown (2.5Y 4/4), moist, 60% fine to medium subangular gravel, 30% medium sand, 10% low plasticity fines	
			29				
31			31	0			Type II-V Neat Cement Grout with a tremmie pipe to ground surface
			30				
32			19				
			24	0			
33			24				
			27				
34			29	0			
			35				
35			31				
			31	0			
36			39				
			35				
37			38	0			
			40				
38			28				
			30	0			
39			50/6				
			21				
40			33	0			
			20				
41			18			POORLY GRADED GRAVEL with SAND (GP), olive brown (2.5Y 4/4), moist, 70% fine to medium subangular gravel, 30% medium sand	
			31	0			
42			40				
			24				
43			34	0			
			40				
44			38				
			38	0			
45							

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BORING LOG

Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton | Boring: **B-2** | Pg. 4 of 4

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

Date Started: 11/27/06 | Sampling Method: Modified California Drive Sampler [18" x 2.0"] | Approved by: A. Atkinson

Date Completed: 11/27/06 | Hole Diameter: 6" | Surface Elevation: 383 feet above msl

Depth in feet	Sample ID	Samples	Blow Count	PID	Water Levels	DESCRIPTION
45			40			POORLY GRADED GRAVEL with SAND (GP) (Continued)
			19			
46			27	0		
			32			
47			17			
			31	0		
48			40			
			33			
49			33	0		
			37			
50			16			
			27	0		
51			34			
			21			
52			31	0		
			38			
53			21			
			21	0		
54			34			
			25	0		
55						
	B-2-55.5		20			
56			32			
			28			
			35	0		
57			41			
58						TOTAL DEPTH 57.5 FEET BELOW GROUND SURFACE GROUNDWATER ENCOUNTERED AT 56.5 FEET BELOW GROUND SURFACE
59						
60						

Type II-V Neat Cement Grout with a tremmie pipe to ground surface

NOTES:

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BORING LOG

Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton | Boring: **B-3** | Pg. 1 of 4

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

Date Started: 11/28/07 | Sampling Method: Modified California Drive Sampler [18" x 2.0"] | Approved by: A. Atkinson

Date Completed: 11/28/07 | Hole Diameter: 6" | Surface Elevation: 382.5 feet above msl

Depth in feet	Sample ID	Samples	Blow Count	PID	Water Levels	DESCRIPTION	
0						POORLY GRADED GRAVEL (GP), light olive brown (2.5Y 5/4), moist, 90% medium subangular gravel, 10% fine to medium sand	
1						WELL GRADED GRAVEL with SAND (GW), light olive brown (2.5Y 5/4), moist, 75% fine subangular gravel, 25% medium sand	Type II-V Neat Cement Grout with a tremmie pipe to ground surface
2							
3							
4							
5			10 12 14	0			
6			4 7 8	0		SILT with GRAVEL (ML), olive brown (2.5Y 4/4), moist, 85% fines, 15% fine gravel, nonplastic	
7			3 5 8	0			
8			6 6 7	0		SANDY LEAN CLAY (CL), olive brown (2.5Y 4/4), moist, 55% fines, 35% fine sand, 10% fine gravel, low plasticity	
9			4 4 3	0			
10			5 6 9	0			
11			3 4	0			
12							
13							
14							
15							

NOTES:

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Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton | Boring: **B-3** | Pg. 2 of 4

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

Date Started: 11/28/07 | Sampling Method: Modified California Drive Sampler [18" x 2.0"] | Approved by: A. Atkinson

Date Completed: 11/28/07 | Hole Diameter: 6" | Surface Elevation: 382.5 feet above msl

Depth in feet	Sample ID	Samples	Blow Count	PID	Water Levels	DESCRIPTION	
15			7			SANDY LEAN CLAY (CL) (Continued)	
			3				
16	B-3-15.5		3	0			Type II-V Neat Cement Grout with a tremmie pipe to ground surface
			4			LEAN CLAY with GRAVEL (CL), olive brown (2.5Y 4/4), moist, 75% fines, 20% fine gravel, 5% fine sand, low to medium plasticity	
17			4				
			4				
18			6	0			
			5				
19			4				
			8	0			
20			6				
			6				
21			7	0			
			23				
22			20				
			29	0			
23			31				
			30				
24			28	0		POORLY GRADED GRAVEL with CLAY and SAND (GP-GC), olive brown (2.5Y 4/4), moist, 70% fine subrounded gravel, 20% medium sand, 10% low plasticity fines	
			16				
25			23				
			32	0			
26			22				
			20				
27			25	0			
			30				
28			36				
			25	0			
29			18				
			23				
30				0			

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BORING LOG

Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton | Boring: **B-3** | Pg. 3 of 4

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

Date Started: 11/28/07 | Sampling Method: Modified California Drive Sampler [18" x 2.0"] | Approved by: A. Atkinson

Date Completed: 11/28/07 | Hole Diameter: 6" | Surface Elevation: 382.5 feet above msl

Depth in feet	Sample ID	Samples	Blow Count	PID	Water Levels	DESCRIPTION	
30			28			POORLY GRADED GRAVEL with CLAY and SAND (GP-GC) (Continued)	
			16				
31			19	0			Type II-V Neat Cement Grout with a tremmie pipe to ground surface
			24				
32			32				
			30	0			
33			34				
			22			POORLY GRADED SAND (SP), olive brown (2.5Y 4/4), moist, 95% medium sand, 5% fines	
34			27	0			
			30				
35			31				
			30	0			
36			34			POORLY GRADED GRAVEL with SAND (GP), olive brown (2.5Y 4/4), moist, 70% fine to coarse subangular gravel, 30% medium sand	
			28				
37			31				
			30	0			
38			30				
			30	0			
39			35				
			19				
40			25	0			
			24				
41			18				
			19	0			
42			20				
			18				
43			18	0			
			23				
44			21				
			34	0			
45							

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BORING LOG

Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton | Boring: **B-3** | Pg. 4 of 4

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

Date Started: 11/28/07 | Sampling Method: Modified California Drive Sampler [18" x 2.0"] | Approved by: A. Atkinson

Date Completed: 11/28/07 | Hole Diameter: 6" | Surface Elevation: 382.5 feet above msl

Depth in feet	Sample ID	Samples	Blow Count	PID	Water Levels	DESCRIPTION	
45			30			POORLY GRADED GRAVEL with SAND (GP), olive brown (2.5Y 4/4), moist, 75% fine to coarse gravel, 25% medium sand	
46			28				
			32	0			Type II-V Neat Cement Grout with a tremmie pipe to ground surface
47			35				
			35				
48			40	0			
			41				
49			30				
			36	0			
50			40				
			25				
51			32				
			40				
52							
53							
54							
55							
56							
57							
58						TOTAL DEPTH 58 FEET BELOW GROUND SURFACE GROUNDWATER ENCOUNTERED AT 56.5 FEET BELOW GROUND SURFACE	
59							
60							

NOTES:

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ENVIRONMENTAL ENGINEERING, CONSULTING & CONSTRUCTION

BORING LOG

Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton Boring: **B-4** Pg. 1 of 4

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

Date Started: 11/28/07 Sampling Method: Modified California Drive Sampler [18" x 2.0"] Approved by: A. Atkinson

Date Completed: 11/28/07 Hole Diameter: 6" Surface Elevation: 382.7 feet above msl

Depth in feet	Sample ID	Samples	PID	Water Levels	DESCRIPTION	
0					POORLY GRADED GRAVEL (GP), light olive brown (2.5Y 5/4), 90% fine to coarse gravel, 10% fine to medium subangular gravel	
1					WELL GRADED GRAVEL with SAND (GW), light olive brown (2.5Y 5/4), moist, 75% fine to coarse subangular gravel, 25% medium sand	Type II-V Neat Cement Grout with a tremmie pipe to ground surface
2						
3						
4						
5					SILT (ML), olive brown (2.5Y 4/4), moist, 90% fines, 10% fine gravel, nonplastic	
6			0			
7			0			
8					SANDY LEAN CLAY (CL), olive brown (2.5Y 4/4), moist, 55% fines, 35% fine sand, 10% fine gravel, medium plasticity	
9			0			
10			0			
11						
12			0			
13			0			
14						
15			0			

NOTES:

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BORING LOG

Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton | Boring: **B-4** | Pg. 2 of 4

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

Date Started: 11/28/07 | Sampling Method: Modified California Drive Sampler [18" x 2.0"] | Approved by: A. Atkinson

Date Completed: 11/28/07 | Hole Diameter: 6" | Surface Elevation: 382.7 feet above msl

Depth in feet	Sample ID	Samples	PID	Water Levels	DESCRIPTION	
15					SANDY LEAN CLAY (CL) (Continued)	
16	B-4-15.5		0			Type II-V Neat Cement Grout with a tremmie pipe to ground surface
17			0			
18			0			
19			0			
20			0			
21			0			
22			0			
23			0			
24			0		POORLY GRADED GRAVEL with SILT and SAND (GP-GM), olive brown (2.5Y 4/4), moist, 75% fine to coarse gravel, 15% fine to medium sand, 10% nonplastic fines	
25			0			
26			0			
27			0			
28			0			
29			0			
30			0			

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Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton | Boring: **B-4** | Pg. 3 of 4

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

Date Started: 11/28/07 | Sampling Method: Modified California Drive Sampler [18" x 2.0"] | Approved by: A. Atkinson

Date Completed: 11/28/07 | Hole Diameter: 6" | Surface Elevation: 382.7 feet above msl

Depth in feet	Sample ID	Samples	PID	Water Levels	DESCRIPTION	
30					POORLY GRADED GRAVEL with SILT and SAND (GP-GM) (Continued)	
31			0			Type II-V Neat Cement Grout with a tremmie pipe to ground surface
32						
33			0			
34						
35			0		POORLY GRADED GRAVEL with SAND (GP), olive brown (2.5Y 4/4), moist, 70% fine to medium subangular gravel, 30% medium sand	
36						
37			0			
38						
39			0			
40						
41			0			
42						
43			0			
44						
45			0			

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BORING LOG

Project Location	Project No.	Last Revised
501 El Charro Road, Pleasanton, CA	VMC0609	2/8/2007

LOG OF BORING VMC PLEASANTON.GPJ ENV AMERICA.GDT 2/8/07

Project: VMC Pleasanton | Boring: **B-4** | Pg. 4 of 4

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

Date Started: 11/28/07 | Sampling Method: Modified California Drive Sampler [18" x 2.0"] | Approved by: A. Atkinson

Date Completed: 11/28/07 | Hole Diameter: 6" | Surface Elevation: 382.7 feet above msl

Depth in feet	Sample ID	Samples	PID	Water Levels	DESCRIPTION
45					POORLY GRADED GRAVEL with SAND (GP) (Continued)
46			0		
47			0		
48			0		
49			0		
50			0		
51			0		
52			0		
53			0		
54			0		
55			0		
56	B-4-55.5		0		
57			0		
58					TOTAL DEPTH 58 FEET BELOW GROUND SURFACE GROUNDWATER ENCOUNTERED AT 57 FEET BELOW GROUND SURFACE
59					
60					

Type II-V Neat Cement Grout with a tremmie pipe to ground surface

NOTES:

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BORING LOG

Project Location	Project No.	Last Revised
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EXHIBIT C

LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY DOCUMENTATION

ANALYTICAL REPORT

Job Number: 720-6677-1

Job Description: VML-Pleasanton

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

Attention: Brian Behr

Dimple Sharma
Project Manager I
dsharma@stl-inc.com
12/04/2006

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

EXECUTIVE SUMMARY - Detections

Client: ENV America, Incorporated Job Number: 720-6677-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-6677-1	**B-1@15'**				
Lead		7.1	0.97	mg/Kg	6010B
720-6677-2	**B-1@55'**				
Lead		3.5	0.99	mg/Kg	6010B
720-6677-3	**B-1**				
Diesel Range Organics [C10-C28]		140	50	ug/L	8015B
Lead		1.0	0.050	mg/L	6010B

METHOD SUMMARY

Client: ENV America, Incorporated Job Number: 720-6677-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL SF	SW846 8260B	
Purge and Trap for Solids	STL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SF	SW846 8015B	
Ultrasonic Extraction	STL SF		SW846 3550B
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL SF	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	STL SF		SW846 3050B
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL SF	SW846 8260B	
Purge-and-Trap	STL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL SF		SW846 3510C
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL SF	SW846 6010B	
Acid Digestion of Aqueous Samples and Extracts	STL SF		SW846 3010A

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: 720-6677-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-6677-1	B-1@15'	Solid	11/27/2006 0938	11/27/2006 1226
720-6677-2	B-1@55'	Solid	11/27/2006 1125	11/27/2006 1226
720-6677-3	B-1	Water	11/27/2006 1140	11/27/2006 1226

Client: ENV America, Incorporated

Job Number: 720-6677-1

Client Sample ID: **B-1@15'**

Lab Sample ID: 720-6677-1
Client Matrix: Solid

Date Sampled: 11/27/2006 0938
Date Received: 11/27/2006 1226

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/30/2006 1312
Date Prepared: 11/30/2006 1312

Analysis Batch: 720-15908

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200611\11
Initial Weight/Volume: 5.59 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0045
Benzene		ND		0.0045
Ethylbenzene		ND		0.0045
MTBE		ND		0.0045
TAME		ND		0.0045
Toluene		ND		0.0045
Xylenes, Total		ND		0.0089
TBA		ND		0.0089
DIPE		ND		0.0045
EDB		ND		0.0045
Gasoline Range Organics (GRO)-C5-C12		ND		0.22
Ethyl tert-butyl ether		ND		0.0045

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	94	60 - 140

Client: ENV America, Incorporated

Job Number: 720-6677-1

Client Sample ID: **B-1@55'**

Lab Sample ID: 720-6677-2
Client Matrix: Solid

Date Sampled: 11/27/2006 1125
Date Received: 11/27/2006 1226

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/30/2006 1334
Date Prepared: 11/30/2006 1334

Analysis Batch: 720-15908

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200611\11
Initial Weight/Volume: 5.64 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0044
Benzene		ND		0.0044
Ethylbenzene		ND		0.0044
MTBE		ND		0.0044
TAME		ND		0.0044
Toluene		ND		0.0044
Xylenes, Total		ND		0.0089
TBA		ND		0.0089
DIPE		ND		0.0044
EDB		ND		0.0044
Gasoline Range Organics (GRO)-C5-C12		ND		0.22
Ethyl tert-butyl ether		ND		0.0044

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	70 - 130
1,2-Dichloroethane-d4 (Surr)	91	60 - 140

Client: ENV America, Incorporated

Job Number: 720-6677-1

Client Sample ID: **B-1**

Lab Sample ID: 720-6677-3
Client Matrix: Water

Date Sampled: 11/27/2006 1140
Date Received: 11/27/2006 1226

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/30/2006 1346
Date Prepared: 11/30/2006 1346

Analysis Batch: 720-15915

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200611\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 121
1,2-Dichloroethane-d4 (Surr)	97	73 - 130

Client: ENV America, Incorporated

Job Number: 720-6677-1

Client Sample ID: **B-1@15'**

Lab Sample ID: 720-6677-1
Client Matrix: Solid

Date Sampled: 11/27/2006 0938
Date Received: 11/27/2006 1226

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

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/30/2006 1814
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.13 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]		ND		1.0

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	66	50 - 130

Client: ENV America, Incorporated

Job Number: 720-6677-1

Client Sample ID: **B-1@55'**

Lab Sample ID: 720-6677-2
Client Matrix: Solid

Date Sampled: 11/27/2006 1125
Date Received: 11/27/2006 1226

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

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 11/30/2006 2220
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.29 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]		ND		0.99

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	72	50 - 130

Client: ENV America, Incorporated

Job Number: 720-6677-1

Client Sample ID: **B-1**

Lab Sample ID: 720-6677-3
Client Matrix: Water

Date Sampled: 11/27/2006 1140
Date Received: 11/27/2006 1226

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

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 11/30/2006 0022
Date Prepared: 11/28/2006 1407

Analysis Batch: 720-15997
Prep Batch: 720-15810

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]	140		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	83	50 - 130

Client: ENV America, Incorporated

Job Number: 720-6677-1

Client Sample ID: B-1@15'

Lab Sample ID: 720-6677-1
Client Matrix: Solid

Date Sampled: 11/27/2006 0938
Date Received: 11/27/2006 1226

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 11/30/2006 1900
Date Prepared: 11/30/2006 0826

Analysis Batch: 720-15899
Prep Batch: 720-15884

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.03 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Lead		7.1		0.97

Client: ENV America, Incorporated

Job Number: 720-6677-1

Client Sample ID: B-1@55'

Lab Sample ID: 720-6677-2
Client Matrix: Solid

Date Sampled: 11/27/2006 1125
Date Received: 11/27/2006 1226

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 11/30/2006 1904
Date Prepared: 11/30/2006 0826

Analysis Batch: 720-15899
Prep Batch: 720-15884

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.01 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Lead		3.5		0.99

Client: ENV America, Incorporated

Job Number: 720-6677-1

Client Sample ID: B-1

Lab Sample ID:	720-6677-3	Date Sampled:	11/27/2006 1140
Client Matrix:	Water	Date Received:	11/27/2006 1226

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-15959		Instrument ID:	Varian ICP
Preparation:	3010A	Prep Batch: 720-15923		Lab File ID:	N/A
Dilution:	10			Initial Weight/Volume:	50 mL
Date Analyzed:	12/01/2006 1447			Final Weight/Volume:	50 mL
Date Prepared:	11/30/2006 1731				

Analyte	Result (mg/L)	Qualifier	RL
Lead	1.0		0.050

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: ENV America, Incorporated

Job Number: 720-6677-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-15908					
LCS 720-15908/2	Lab Control Spike	T	Solid	8260B	
LCSD 720-15908/1	Lab Control Spike Duplicate	T	Solid	8260B	
MB 720-15908/3	Method Blank	T	Solid	8260B	
720-6677-1	B-1@15'	T	Solid	8260B	
720-6677-2	B-1@55'	T	Solid	8260B	
Analysis Batch:720-15915					
LCS 720-15915/2	Lab Control Spike	T	Water	8260B	
LCSD 720-15915/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-15915/3	Method Blank	T	Water	8260B	
720-6677-3	B-1	T	Water	8260B	

Report Basis
T = Total

Client: ENV America, Incorporated Job Number: 720-6677-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-15810					
LCS 720-15810/2-AA	Lab Control Spike	T	Water	3510C	
LCSD 720-15810/3-AA	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-15810/1-AA	Method Blank	T	Water	3510C	
720-6677-3	B-1	T	Water	3510C	
Prep Batch: 720-15881					
LCS 720-15881/2-AA	Lab Control Spike	T	Solid	3550B	
LCSD 720-15881/3-AA	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-15881/1-AA	Method Blank	T	Solid	3550B	
720-6677-1	B-1@15'	T	Solid	3550B	
720-6677-1MS	Matrix Spike	T	Solid	3550B	
720-6677-1MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-6677-2	B-1@55'	T	Solid	3550B	
Analysis Batch:720-15995					
LCS 720-15881/2-AA	Lab Control Spike	T	Solid	8015B	720-15881
LCSD 720-15881/3-AA	Lab Control Spike Duplicate	T	Solid	8015B	720-15881
MB 720-15881/1-AA	Method Blank	T	Solid	8015B	720-15881
720-6677-1	B-1@15'	T	Solid	8015B	720-15881
720-6677-1MS	Matrix Spike	T	Solid	8015B	720-15881
720-6677-1MSD	Matrix Spike Duplicate	T	Solid	8015B	720-15881
720-6677-2	B-1@55'	T	Solid	8015B	720-15881
Analysis Batch:720-15997					
LCS 720-15810/2-AA	Lab Control Spike	T	Water	8015B	720-15810
LCSD 720-15810/3-AA	Lab Control Spike Duplicate	T	Water	8015B	720-15810
MB 720-15810/1-AA	Method Blank	T	Water	8015B	720-15810
720-6677-3	B-1	T	Water	8015B	720-15810

Report Basis
T = Total

Client: ENV America, Incorporated Job Number: 720-6677-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 720-15884					
LCS 720-15884/2-AA	Lab Control Spike	T	Solid	3050B	
LCSD 720-15884/3-AA	Lab Control Spike Duplicate	T	Solid	3050B	
MB 720-15884/1-AA	Method Blank	T	Solid	3050B	
720-6677-1	B-1@15'	T	Solid	3050B	
720-6677-2	B-1@55'	T	Solid	3050B	
Analysis Batch:720-15899					
LCS 720-15884/2-AA	Lab Control Spike	T	Solid	6010B	720-15884
LCSD 720-15884/3-AA	Lab Control Spike Duplicate	T	Solid	6010B	720-15884
MB 720-15884/1-AA	Method Blank	T	Solid	6010B	720-15884
720-6677-1	B-1@15'	T	Solid	6010B	720-15884
720-6677-2	B-1@55'	T	Solid	6010B	720-15884
Prep Batch: 720-15923					
LCS 720-15923/2-AA	Lab Control Spike	T	Water	3010A	
LCSD 720-15923/3-AA	Lab Control Spike Duplicate	T	Water	3010A	
MB 720-15923/1-AA	Method Blank	T	Water	3010A	
720-6677-3	B-1	T	Water	3010A	
Analysis Batch:720-15959					
LCS 720-15923/2-AA	Lab Control Spike	T	Water	6010B	720-15923
LCSD 720-15923/3-AA	Lab Control Spike Duplicate	T	Water	6010B	720-15923
MB 720-15923/1-AA	Method Blank	T	Water	6010B	720-15923
720-6677-3	B-1	T	Water	6010B	720-15923

Report Basis
T = Total

Client: ENV America, Incorporated

Job Number: 720-6677-1

Method Blank - Batch: 720-15908

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-15908/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 1119
Date Prepared: 11/30/2006 1119

Analysis Batch: 720-15908
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: C:\SaturnWS\data\mb-so-6
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.0050
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
MTBE	ND		0.0050
TAME	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
TBA	ND		0.010
DIPE	ND		0.0050
EDB	ND		0.0050
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
Ethyl tert-butyl ether	ND		0.0050

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	70 - 130
1,2-Dichloroethane-d4 (Surr)	94	60 - 140

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

Client: ENV America, Incorporated

Job Number: 720-6677-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15908

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-15908/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 0844
Date Prepared: 11/30/2006 0844

Analysis Batch: 720-15908
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: C:\SaturnWS\data\ls-so-6-
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-15908/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 0906
Date Prepared: 11/30/2006 0906

Analysis Batch: 720-15908
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: C:\SaturnWS\data\ld-so-6-11
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	87	89	69 - 129	2	20		
MTBE	88	83	65 - 165	6	20		
Toluene	91	93	70 - 130	2	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	94	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	92	88	60 - 140

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

Client: ENV America, Incorporated

Job Number: 720-6677-1

Method Blank - Batch: 720-15915

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-15915/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/30/2006 1236
Date Prepared: 11/30/2006 1236

Analysis Batch: 720-15915
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200611\1
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 121
1,2-Dichloroethane-d4 (Surr)	96	73 - 130

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

Client: ENV America, Incorporated

Job Number: 720-6677-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15915

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-15915/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/30/2006 1050
Date Prepared: 11/30/2006 1050

Analysis Batch: 720-15915
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200611\1
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-15915/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/30/2006 1116
Date Prepared: 11/30/2006 1116

Analysis Batch: 720-15915
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200611\113
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	109	110	69 - 129	1	25		
MTBE	101	93	65 - 165	8	25		
Toluene	106	107	70 - 130	1	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	89	96	77 - 121
1,2-Dichloroethane-d4 (Surr)	88	90	73 - 130

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

Client: ENV America, Incorporated

Job Number: 720-6677-1

Method Blank - Batch: 720-15810

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-15810/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/29/2006 1855
Date Prepared: 11/28/2006 1407

Analysis Batch: 720-15997
Prep Batch: 720-15810
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

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	78	50 - 130

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15810

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-15810/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/29/2006 1923
Date Prepared: 11/28/2006 1407

Analysis Batch: 720-15997
Prep Batch: 720-15810
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 720-15810/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/29/2006 1950
Date Prepared: 11/28/2006 1407

Analysis Batch: 720-15997
Prep Batch: 720-15810
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]	68	68	50 - 130	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	68	69	50 - 130

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

Client: ENV America, Incorporated

Job Number: 720-6677-1

Method Blank - Batch: 720-15881

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 720-15881/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/04/2006 1033
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.39 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		0.99

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	76	50 - 130

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15881

Method: 8015B
Preparation: 3550B

LCS Lab Sample ID: LCS 720-15881/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 1440
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-15881/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 1508
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

		% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	80	73	50 - 130	9	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	79	76	50 - 130

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

Client: ENV America, Incorporated

Job Number: 720-6677-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-15881

Method: 8015B
Preparation: 3550B

MS Lab Sample ID:	720-6677-1	Analysis Batch:	720-15995	Instrument ID:	HP DRO5
Client Matrix:	Solid	Prep Batch:	720-15881	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30.30 g
Date Analyzed:	11/30/2006 2126			Final Weight/Volume:	5 mL
Date Prepared:	11/30/2006 0641			Injection Volume:	
				Column ID:	PRIMARY
MSD Lab Sample ID:	720-6677-1	Analysis Batch:	720-15995	Instrument ID:	HP DRO5
Client Matrix:	Solid	Prep Batch:	720-15881	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30.36 g
Date Analyzed:	11/30/2006 2153			Final Weight/Volume:	5 mL
Date Prepared:	11/30/2006 0641			Injection Volume:	
				Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10-C28]	64	71	50 - 130	11	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	59	72	50 - 130

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

Client: ENV America, Incorporated

Job Number: 720-6677-1

Method Blank - Batch: 720-15884

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 720-15884/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 1654
Date Prepared: 11/30/2006 0826

Analysis Batch: 720-15899
Prep Batch: 720-15884
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Lead	ND		1.0

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15884

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS 720-15884/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 1657
Date Prepared: 11/30/2006 0826

Analysis Batch: 720-15899
Prep Batch: 720-15884
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-15884/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 1701
Date Prepared: 11/30/2006 0826

Analysis Batch: 720-15899
Prep Batch: 720-15884
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Lead	94	92	80 - 120	2	20		

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

Client: ENV America, Incorporated

Job Number: 720-6677-1

Method Blank - Batch: 720-15923

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 720-15923/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/01/2006 1219
Date Prepared: 11/30/2006 1731

Analysis Batch: 720-15959
Prep Batch: 720-15923
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Lead	ND		0.0050

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15923

Method: 6010B
Preparation: 3010A

LCS Lab Sample ID: LCS 720-15923/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/01/2006 1222
Date Prepared: 11/30/2006 1731

Analysis Batch: 720-15959
Prep Batch: 720-15923
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-15923/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/01/2006 1225
Date Prepared: 11/30/2006 1731

Analysis Batch: 720-15959
Prep Batch: 720-15923
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Lead	96	99	80 - 120	3	20		

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

SEVERN TRENT

STL 720-6677

STL San Francisco Chain of Custody

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

Reference #: 102973

Date 11/27/2006 Page 1 of 1

Report To

Attn: B. Behr
Company: ENV AMERICA
Address: 244 CALIFORNIA STREET, SF
Phone: 415 989 7933 Email: bbehr@envamerica.com
Bill To: ENV AMERICA
Sampled By: B. Behr
Attn:
Phone: 4159632503

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 Oxyenates ☒ 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	Number of Containers
B-1 @ 15'	11/27	938	S	~~HCl~~			X	X								X						1
B-1 @ 55'	↓	1125	S	—			X	X								X						1
B-1	↓	1140	W	HCl/HNO3			X	X								X						5

Project Info.

Project Name: YML-PLEASANTON
Project#:
PO#:
Credit Card#:

Sample Receipt

of Containers: 7
Head Space:
Temp: 17 <4hrs
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:

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

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 1226	Signature: Time:	Signature: Time:
Printed Name: Bryan Behr Date: 11/27/06	Printed Name: Date:	Printed Name: Date:
Company: ENV AMERICA	Company:	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 1226	Signature: Time:	Signature: Time:
Printed Name: Joan Mullen Date: 11-27-06	Printed Name: Date:	Printed Name: Date:
Company: STL SF	Company:	Company:

Rev 06/04

LOGIN SAMPLE RECEIPT CHECK LIST

Client: ENV America, Incorporated

Job Number: 720-6677-1

Login Number: 6677

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: 720-6696-1

Job Description: VML-Pleasanton

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

Attention: Brian Behr

Dimple Sharma
Project Manager I
dsharma@stl-inc.com
12/05/2006

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

EXECUTIVE SUMMARY - Detections

Client: ENV America, Incorporated Job Number: 720-6696-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-6696-1	**B-2 @ 15'**				
Lead		5.9	0.96	mg/Kg	6010B
720-6696-2	**B-2 @ 55'**				
Lead		3.9	0.99	mg/Kg	6010B
720-6696-3	**B-2**				
Diesel Range Organics [C10-C28]		65	50	ug/L	8015B
Lead		0.14	0.0050	mg/L	6010B
720-6696-4	**B-3 @ 15'**				
Lead		5.3	0.95	mg/Kg	6010B
720-6696-5	**B-3 @ 55'**				
Lead		4.0	0.96	mg/Kg	6010B
720-6696-6	**B-3**				
Lead		0.80	0.050	mg/L	6010B
720-6696-7	**B-4 @ 15'**				
Lead		6.8	0.97	mg/Kg	6010B
720-6696-8	**B-4 @ 55'**				
Lead		3.6	0.97	mg/Kg	6010B
720-6696-9	**B-4**				
Lead		1.0	0.050	mg/L	6010B

METHOD SUMMARY

Client: ENV America, Incorporated Job Number: 720-6696-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL SF	SW846 8260B	
Purge and Trap for Solids	STL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SF	SW846 8015B	
Ultrasonic Extraction	STL SF		SW846 3550B
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL SF	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	STL SF		SW846 3050B
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL SF	SW846 8260B	
Purge-and-Trap	STL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL SF		SW846 3510C
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL SF	SW846 6010B	
Acid Digestion of Aqueous Samples and Extracts	STL SF		SW846 3010A

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: 720-6696-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-6696-1	B-2 @ 15'	Solid	11/27/2006 1330	11/28/2006 1506
720-6696-2	B-2 @ 55'	Solid	11/27/2006 1430	11/28/2006 1506
720-6696-3	B-2	Water	11/27/2006 1500	11/28/2006 1506
720-6696-4	B-3 @ 15'	Solid	11/28/2006 0825	11/28/2006 1506
720-6696-5	B-3 @ 55'	Solid	11/28/2006 1000	11/28/2006 1506
720-6696-6	B-3	Water	11/28/2006 1005	11/28/2006 1506
720-6696-7	B-4 @ 15'	Solid	11/28/2006 1120	11/28/2006 1506
720-6696-8	B-4 @ 55'	Solid	11/28/2006 1225	11/28/2006 1506
720-6696-9	B-4	Water	11/28/2006 1400	11/28/2006 1506

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-2 @ 15'**

Lab Sample ID: 720-6696-1
Client Matrix: Solid

Date Sampled: 11/27/2006 1330
Date Received: 11/28/2006 1506

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/30/2006 1441
Date Prepared: 11/30/2006 1441

Analysis Batch: 720-15908

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200611\11
Initial Weight/Volume: 5.21 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0048
Benzene		ND		0.0048
Ethylbenzene		ND		0.0048
MTBE		ND		0.0048
TAME		ND		0.0048
Toluene		ND		0.0048
Xylenes, Total		ND		0.0096
TBA		ND		0.0096
DIPE		ND		0.0048
EDB		ND		0.0048
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Ethyl tert-butyl ether		ND		0.0048

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	70 - 130
1,2-Dichloroethane-d4 (Surr)	95	60 - 140

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-2 @ 55'**

Lab Sample ID: 720-6696-2
Client Matrix: Solid

Date Sampled: 11/27/2006 1430
Date Received: 11/28/2006 1506

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/30/2006 1503
Date Prepared: 11/30/2006 1503

Analysis Batch: 720-15908

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200611\11
Initial Weight/Volume: 5.00 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0050
Benzene		ND		0.0050
Ethylbenzene		ND		0.0050
MTBE		ND		0.0050
TAME		ND		0.0050
Toluene		ND		0.0050
Xylenes, Total		ND		0.010
TBA		ND		0.010
DIPE		ND		0.0050
EDB		ND		0.0050
Gasoline Range Organics (GRO)-C5-C12		ND		0.25
Ethyl tert-butyl ether		ND		0.0050

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	95	60 - 140

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-2**

Lab Sample ID: 720-6696-3
Client Matrix: Water

Date Sampled: 11/27/2006 1500
Date Received: 11/28/2006 1506

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/01/2006 1809
Date Prepared: 12/01/2006 1809

Analysis Batch: 720-16003

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200612\12
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 121
1,2-Dichloroethane-d4 (Surr)	100	73 - 130

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-3 @ 15'**

Lab Sample ID: 720-6696-4
Client Matrix: Solid

Date Sampled: 11/28/2006 0825
Date Received: 11/28/2006 1506

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/30/2006 1525
Date Prepared: 11/30/2006 1525

Analysis Batch: 720-15908

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200611\11
Initial Weight/Volume: 5.69 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0044
Benzene		ND		0.0044
Ethylbenzene		ND		0.0044
MTBE		ND		0.0044
TAME		ND		0.0044
Toluene		ND		0.0044
Xylenes, Total		ND		0.0088
TBA		ND		0.0088
DIPE		ND		0.0044
EDB		ND		0.0044
Gasoline Range Organics (GRO)-C5-C12		ND		0.22
Ethyl tert-butyl ether		ND		0.0044

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	70 - 130
1,2-Dichloroethane-d4 (Surr)	96	60 - 140

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-3 @ 55'**

Lab Sample ID: 720-6696-5
Client Matrix: Solid

Date Sampled: 11/28/2006 1000
Date Received: 11/28/2006 1506

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/30/2006 1547
Date Prepared: 11/30/2006 1547

Analysis Batch: 720-15908

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200611\11
Initial Weight/Volume: 5.14 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0049
Benzene		ND		0.0049
Ethylbenzene		ND		0.0049
MTBE		ND		0.0049
TAME		ND		0.0049
Toluene		ND		0.0049
Xylenes, Total		ND		0.0097
TBA		ND		0.0097
DIPE		ND		0.0049
EDB		ND		0.0049
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Ethyl tert-butyl ether		ND		0.0049

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	70 - 130
1,2-Dichloroethane-d4 (Surr)	93	60 - 140

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-3**

Lab Sample ID: 720-6696-6
Client Matrix: Water

Date Sampled: 11/28/2006 1005
Date Received: 11/28/2006 1506

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/30/2006 1412
Date Prepared: 11/30/2006 1412

Analysis Batch: 720-15915

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200611\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 121
1,2-Dichloroethane-d4 (Surr)	98	73 - 130

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-4 @ 15'**

Lab Sample ID: 720-6696-7
Client Matrix: Solid

Date Sampled: 11/28/2006 1120
Date Received: 11/28/2006 1506

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/30/2006 1609
Date Prepared: 11/30/2006 1609

Analysis Batch: 720-15908

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200611\11
Initial Weight/Volume: 5.31 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0047
Benzene		ND		0.0047
Ethylbenzene		ND		0.0047
MTBE		ND		0.0047
TAME		ND		0.0047
Toluene		ND		0.0047
Xylenes, Total		ND		0.0094
TBA		ND		0.0094
DIPE		ND		0.0047
EDB		ND		0.0047
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Ethyl tert-butyl ether		ND		0.0047

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	96	70 - 130
1,2-Dichloroethane-d4 (Surr)	92	60 - 140

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-4 @ 55'**

Lab Sample ID: 720-6696-8
Client Matrix: Solid

Date Sampled: 11/28/2006 1225
Date Received: 11/28/2006 1506

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/30/2006 1631
Date Prepared: 11/30/2006 1631

Analysis Batch: 720-15908

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200611\11
Initial Weight/Volume: 5.31 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0047
Benzene		ND		0.0047
Ethylbenzene		ND		0.0047
MTBE		ND		0.0047
TAME		ND		0.0047
Toluene		ND		0.0047
Xylenes, Total		ND		0.0094
TBA		ND		0.0094
DIPE		ND		0.0047
EDB		ND		0.0047
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Ethyl tert-butyl ether		ND		0.0047

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	96	70 - 130
1,2-Dichloroethane-d4 (Surr)	89	60 - 140

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-4**

Lab Sample ID: 720-6696-9
Client Matrix: Water

Date Sampled: 11/28/2006 1400
Date Received: 11/28/2006 1506

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/30/2006 1439
Date Prepared: 11/30/2006 1439

Analysis Batch: 720-15915

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200611\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 121
1,2-Dichloroethane-d4 (Surr)	96	73 - 130

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-2 @ 15'**

Lab Sample ID: 720-6696-1
Client Matrix: Solid

Date Sampled: 11/27/2006 1330
Date Received: 11/28/2006 1506

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

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 12/02/2006 1322
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.33 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]		ND		0.99

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	60	50 - 130

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-2 @ 55'**

Lab Sample ID: 720-6696-2
Client Matrix: Solid

Date Sampled: 11/27/2006 1430
Date Received: 11/28/2006 1506

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

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 12/02/2006 1350
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.28 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]		ND		0.99

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	67	50 - 130

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-2**

Lab Sample ID: 720-6696-3
Client Matrix: Water

Date Sampled: 11/27/2006 1500
Date Received: 11/28/2006 1506

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

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 12/02/2006 0250
Date Prepared: 11/30/2006 1804

Analysis Batch: 720-16012
Prep Batch: 720-15925

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]	65		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	86	50 - 130

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-3 @ 15'**

Lab Sample ID: 720-6696-4
Client Matrix: Solid

Date Sampled: 11/28/2006 0825
Date Received: 11/28/2006 1506

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

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 12/02/2006 1418
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.16 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]		ND		0.99

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	71	50 - 130

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-3 @ 55'**

Lab Sample ID: 720-6696-5
Client Matrix: Solid

Date Sampled: 11/28/2006 1000
Date Received: 11/28/2006 1506

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

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 12/02/2006 1322
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.11 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]		ND		1.0

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	71	50 - 130

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-3**

Lab Sample ID: 720-6696-6
Client Matrix: Water

Date Sampled: 11/28/2006 1005
Date Received: 11/28/2006 1506

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

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 12/02/2006 0318
Date Prepared: 11/30/2006 1804

Analysis Batch: 720-16012
Prep Batch: 720-15925

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]	ND		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	86	50 - 130

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-4 @ 15'**

Lab Sample ID: 720-6696-7
Client Matrix: Solid

Date Sampled: 11/28/2006 1120
Date Received: 11/28/2006 1506

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

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 12/02/2006 1350
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.23 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]		ND		0.99

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	74	50 - 130

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-4 @ 55'**

Lab Sample ID: 720-6696-8
Client Matrix: Solid

Date Sampled: 11/28/2006 1225
Date Received: 11/28/2006 1506

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

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 12/02/2006 1418
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.05 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]		ND		1.0

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	70	50 - 130

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: **B-4**

Lab Sample ID: 720-6696-9
Client Matrix: Water

Date Sampled: 11/28/2006 1400
Date Received: 11/28/2006 1506

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

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 12/02/2006 0345
Date Prepared: 11/30/2006 1804

Analysis Batch: 720-16012
Prep Batch: 720-15925

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]	ND		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	93	50 - 130

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: B-2 @ 15'

Lab Sample ID:	720-6696-1	Date Sampled:	11/27/2006 1330
Client Matrix:	Solid	Date Received:	11/28/2006 1506

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-15899		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-15896		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.04 g
Date Analyzed:	11/30/2006 2047			Final Weight/Volume:	50 mL
Date Prepared:	11/30/2006 1119				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Lead		5.9		0.96

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: B-2 @ 55'

Lab Sample ID: 720-6696-2
Client Matrix: Solid

Date Sampled: 11/27/2006 1430
Date Received: 11/28/2006 1506

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 11/30/2006 2050
Date Prepared: 11/30/2006 1119

Analysis Batch: 720-15899
Prep Batch: 720-15896

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.01 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Lead		3.9		0.99

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: B-2

Lab Sample ID: 720-6696-3
Client Matrix: Water

Date Sampled: 11/27/2006 1500
Date Received: 11/28/2006 1506

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/05/2006 0717
Date Prepared: 12/04/2006 0619

Analysis Batch: 720-16042
Prep Batch: 720-15971

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Lead	0.14		0.0050

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: B-3 @ 15'

Lab Sample ID: 720-6696-4
Client Matrix: Solid

Date Sampled: 11/28/2006 0825
Date Received: 11/28/2006 1506

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 11/30/2006 2054
Date Prepared: 11/30/2006 1119

Analysis Batch: 720-15899
Prep Batch: 720-15896

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.05 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Lead		5.3		0.95

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: B-3 @ 55'

Lab Sample ID: 720-6696-5
Client Matrix: Solid

Date Sampled: 11/28/2006 1000
Date Received: 11/28/2006 1506

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 11/30/2006 2057
Date Prepared: 11/30/2006 1119

Analysis Batch: 720-15899
Prep Batch: 720-15896

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.04 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Lead		4.0		0.96

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: B-3

Lab Sample ID: 720-6696-6
Client Matrix: Water

Date Sampled: 11/28/2006 1005
Date Received: 11/28/2006 1506

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3010A
Dilution: 10
Date Analyzed: 12/01/2006 1451
Date Prepared: 11/30/2006 1731

Analysis Batch: 720-15959
Prep Batch: 720-15923

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Lead	0.80		0.050

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: B-4 @ 15'

Lab Sample ID: 720-6696-7
Client Matrix: Solid

Date Sampled: 11/28/2006 1120
Date Received: 11/28/2006 1506

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 11/30/2006 2101
Date Prepared: 11/30/2006 1119

Analysis Batch: 720-15899
Prep Batch: 720-15896

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.03 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Lead		6.8		0.97

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: B-4 @ 55'

Lab Sample ID: 720-6696-8
Client Matrix: Solid

Date Sampled: 11/28/2006 1225
Date Received: 11/28/2006 1506

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 11/30/2006 2105
Date Prepared: 11/30/2006 1119

Analysis Batch: 720-15899
Prep Batch: 720-15896

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.03 g
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Lead		3.6		0.97

Client: ENV America, Incorporated

Job Number: 720-6696-1

Client Sample ID: B-4

Lab Sample ID:	720-6696-9	Date Sampled:	11/28/2006 1400
Client Matrix:	Water	Date Received:	11/28/2006 1506

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-15959		Instrument ID:	Varian ICP
Preparation:	3010A	Prep Batch: 720-15923		Lab File ID:	N/A
Dilution:	10			Initial Weight/Volume:	50 mL
Date Analyzed:	12/01/2006 1454			Final Weight/Volume:	50 mL
Date Prepared:	11/30/2006 1731				

Analyte	Result (mg/L)	Qualifier	RL
Lead	1.0		0.050

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: ENV America, Incorporated Job Number: 720-6696-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-15908					
LCS 720-15908/2	Lab Control Spike	T	Solid	8260B	
LCSD 720-15908/1	Lab Control Spike Duplicate	T	Solid	8260B	
MB 720-15908/3	Method Blank	T	Solid	8260B	
720-6696-1	B-2 @ 15'	T	Solid	8260B	
720-6696-2	B-2 @ 55'	T	Solid	8260B	
720-6696-4	B-3 @ 15'	T	Solid	8260B	
720-6696-5	B-3 @ 55'	T	Solid	8260B	
720-6696-7	B-4 @ 15'	T	Solid	8260B	
720-6696-7MS	Matrix Spike	T	Solid	8260B	
720-6696-7MSD	Matrix Spike Duplicate	T	Solid	8260B	
720-6696-8	B-4 @ 55'	T	Solid	8260B	
Analysis Batch:720-15915					
LCS 720-15915/2	Lab Control Spike	T	Water	8260B	
LCSD 720-15915/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-15915/3	Method Blank	T	Water	8260B	
720-6696-6	B-3	T	Water	8260B	
720-6696-9	B-4	T	Water	8260B	
Analysis Batch:720-16003					
LCS 720-16003/2	Lab Control Spike	T	Water	8260B	
LCSD 720-16003/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-16003/3	Method Blank	T	Water	8260B	
720-6696-3	B-2	T	Water	8260B	

Report Basis
T = Total

Client: ENV America, Incorporated Job Number: 720-6696-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-15881					
LCS 720-15881/2-AA	Lab Control Spike	T	Solid	3550B	
LCSD 720-15881/3-AA	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-15881/1-AA	Method Blank	T	Solid	3550B	
720-6696-1	B-2 @ 15'	T	Solid	3550B	
720-6696-2	B-2 @ 55'	T	Solid	3550B	
720-6696-4	B-3 @ 15'	T	Solid	3550B	
720-6696-5	B-3 @ 55'	T	Solid	3550B	
720-6696-7	B-4 @ 15'	T	Solid	3550B	
720-6696-8	B-4 @ 55'	T	Solid	3550B	
Prep Batch: 720-15925					
LCS 720-15925/2-AA	Lab Control Spike	T	Water	3510C	
LCSD 720-15925/3-AA	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-15925/1-AA	Method Blank	T	Water	3510C	
720-6696-3	B-2	T	Water	3510C	
720-6696-6	B-3	T	Water	3510C	
720-6696-9	B-4	T	Water	3510C	
Analysis Batch:720-15995					
LCS 720-15881/2-AA	Lab Control Spike	T	Solid	8015B	720-15881
LCSD 720-15881/3-AA	Lab Control Spike Duplicate	T	Solid	8015B	720-15881
MB 720-15881/1-AA	Method Blank	T	Solid	8015B	720-15881
720-6696-1	B-2 @ 15'	T	Solid	8015B	720-15881
720-6696-2	B-2 @ 55'	T	Solid	8015B	720-15881
720-6696-4	B-3 @ 15'	T	Solid	8015B	720-15881
720-6696-5	B-3 @ 55'	T	Solid	8015B	720-15881
720-6696-7	B-4 @ 15'	T	Solid	8015B	720-15881
720-6696-8	B-4 @ 55'	T	Solid	8015B	720-15881
Analysis Batch:720-16012					
LCS 720-15925/2-AA	Lab Control Spike	T	Water	8015B	720-15925
LCSD 720-15925/3-AA	Lab Control Spike Duplicate	T	Water	8015B	720-15925
MB 720-15925/1-AA	Method Blank	T	Water	8015B	720-15925
720-6696-3	B-2	T	Water	8015B	720-15925
720-6696-6	B-3	T	Water	8015B	720-15925
720-6696-9	B-4	T	Water	8015B	720-15925

Report Basis
T = Total

Client: ENV America, Incorporated Job Number: 720-6696-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 720-15896					
LCS 720-15896/2-AA	Lab Control Spike	T	Solid	3050B	
LCSD 720-15896/3-AA	Lab Control Spike Duplicate	T	Solid	3050B	
MB 720-15896/1-AA	Method Blank	T	Solid	3050B	
720-6696-1	B-2 @ 15'	T	Solid	3050B	
720-6696-2	B-2 @ 55'	T	Solid	3050B	
720-6696-4	B-3 @ 15'	T	Solid	3050B	
720-6696-5	B-3 @ 55'	T	Solid	3050B	
720-6696-7	B-4 @ 15'	T	Solid	3050B	
720-6696-8	B-4 @ 55'	T	Solid	3050B	
Analysis Batch:720-15899					
LCS 720-15896/2-AA	Lab Control Spike	T	Solid	6010B	720-15896
LCSD 720-15896/3-AA	Lab Control Spike Duplicate	T	Solid	6010B	720-15896
MB 720-15896/1-AA	Method Blank	T	Solid	6010B	720-15896
720-6696-1	B-2 @ 15'	T	Solid	6010B	720-15896
720-6696-2	B-2 @ 55'	T	Solid	6010B	720-15896
720-6696-4	B-3 @ 15'	T	Solid	6010B	720-15896
720-6696-5	B-3 @ 55'	T	Solid	6010B	720-15896
720-6696-7	B-4 @ 15'	T	Solid	6010B	720-15896
720-6696-8	B-4 @ 55'	T	Solid	6010B	720-15896
Prep Batch: 720-15923					
LCS 720-15923/2-AA	Lab Control Spike	T	Water	3010A	
LCSD 720-15923/3-AA	Lab Control Spike Duplicate	T	Water	3010A	
MB 720-15923/1-AA	Method Blank	T	Water	3010A	
720-6696-6	B-3	T	Water	3010A	
720-6696-9	B-4	T	Water	3010A	
Analysis Batch:720-15959					
LCS 720-15923/2-AA	Lab Control Spike	T	Water	6010B	720-15923
LCSD 720-15923/3-AA	Lab Control Spike Duplicate	T	Water	6010B	720-15923
MB 720-15923/1-AA	Method Blank	T	Water	6010B	720-15923
720-6696-6	B-3	T	Water	6010B	720-15923
720-6696-9	B-4	T	Water	6010B	720-15923
Prep Batch: 720-15971					
LCS 720-15971/2-AA	Lab Control Spike	T	Water	3010A	
LCSD 720-15971/3-AA	Lab Control Spike Duplicate	T	Water	3010A	
MB 720-15971/1-AA	Method Blank	T	Water	3010A	
720-6696-3	B-2	T	Water	3010A	

Client: ENV America, Incorporated Job Number: 720-6696-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:720-16042					
LCS 720-15971/2-AA	Lab Control Spike	T	Water	6010B	720-15971
LCSD 720-15971/3-AA	Lab Control Spike Duplicate	T	Water	6010B	720-15971
MB 720-15971/1-AA	Method Blank	T	Water	6010B	720-15971
720-6696-3	B-2	T	Water	6010B	720-15971

Report Basis
T = Total

Client: ENV America, Incorporated

Job Number: 720-6696-1

Method Blank - Batch: 720-15908

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-15908/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 1119
Date Prepared: 11/30/2006 1119

Analysis Batch: 720-15908
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: C:\SaturnWS\data\mb-so-6
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.0050
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
MTBE	ND		0.0050
TAME	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
TBA	ND		0.010
DIPE	ND		0.0050
EDB	ND		0.0050
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
Ethyl tert-butyl ether	ND		0.0050

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	70 - 130
1,2-Dichloroethane-d4 (Surr)	94	60 - 140

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

Client: ENV America, Incorporated

Job Number: 720-6696-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15908

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-15908/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 0844
Date Prepared: 11/30/2006 0844

Analysis Batch: 720-15908
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: C:\SaturnWS\data\ls-so-6-
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-15908/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 0906
Date Prepared: 11/30/2006 0906

Analysis Batch: 720-15908
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: C:\SaturnWS\data\ld-so-6-11
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	87	89	69 - 129	2	20		
MTBE	88	83	65 - 165	6	20		
Toluene	91	93	70 - 130	2	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	94	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	92	88	60 - 140

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

Client: ENV America, Incorporated

Job Number: 720-6696-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-15908

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-6696-7	Analysis Batch: 720-15908	Instrument ID: Varian 3900A
Client Matrix:	Solid	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200611\
Dilution:	1.0		Initial Weight/Volume: 5.06 g
Date Analyzed:	11/30/2006 1654		Final Weight/Volume: 10 mL
Date Prepared:	11/30/2006 1654		

MSD Lab Sample ID:	720-6696-7	Analysis Batch: 720-15908	Instrument ID: Varian 3900A
Client Matrix:	Solid	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200611\1
Dilution:	1.0		Initial Weight/Volume: 5.0 g
Date Analyzed:	11/30/2006 1716		Final Weight/Volume: 10 mL
Date Prepared:	11/30/2006 1716		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	86	90	69 - 129	6	20		
MTBE	92	97	65 - 165	6	20		
Toluene	96	100	70 - 130	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	96	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	89	92	60 - 140

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

Client: ENV America, Incorporated

Job Number: 720-6696-1

Method Blank - Batch: 720-15915

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-15915/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/30/2006 1236
Date Prepared: 11/30/2006 1236

Analysis Batch: 720-15915
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200611\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 121
1,2-Dichloroethane-d4 (Surr)	96	73 - 130

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

Client: ENV America, Incorporated

Job Number: 720-6696-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15915

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-15915/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/30/2006 1050
Date Prepared: 11/30/2006 1050

Analysis Batch: 720-15915
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200611\1
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-15915/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/30/2006 1116
Date Prepared: 11/30/2006 1116

Analysis Batch: 720-15915
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200611\113
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	109	110	69 - 129	1	25		
MTBE	101	93	65 - 165	8	25		
Toluene	106	107	70 - 130	1	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	89	96	77 - 121
1,2-Dichloroethane-d4 (Surr)	88	90	73 - 130

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

Client: ENV America, Incorporated

Job Number: 720-6696-1

Method Blank - Batch: 720-16003

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-16003/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/01/2006 1236
Date Prepared: 12/01/2006 1236

Analysis Batch: 720-16003
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200612\12
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 121
1,2-Dichloroethane-d4 (Surr)	101	73 - 130

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

Client: ENV America, Incorporated

Job Number: 720-6696-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-16003

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-16003/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/01/2006 1050
Date Prepared: 12/01/2006 1050

Analysis Batch: 720-16003
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200612\1
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-16003/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/01/2006 1116
Date Prepared: 12/01/2006 1116

Analysis Batch: 720-16003
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200612\12
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	112	105	69 - 129	7	25		
MTBE	104	97	65 - 165	7	25		
Toluene	101	95	70 - 130	7	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	92	92	77 - 121
1,2-Dichloroethane-d4 (Surr)	97	93	73 - 130

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

Client: ENV America, Incorporated

Job Number: 720-6696-1

Method Blank - Batch: 720-15881

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 720-15881/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/04/2006 1033
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.39 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		0.99

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	76	50 - 130

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15881

Method: 8015B
Preparation: 3550B

LCS Lab Sample ID: LCS 720-15881/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 1440
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-15881/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 1508
Date Prepared: 11/30/2006 0641

Analysis Batch: 720-15995
Prep Batch: 720-15881
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.09 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]	80	73	50 - 130	9	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	79	76	50 - 130

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

Client: ENV America, Incorporated

Job Number: 720-6696-1

Method Blank - Batch: 720-15925

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-15925/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/02/2006 0006
Date Prepared: 11/30/2006 1804

Analysis Batch: 720-16012
Prep Batch: 720-15925
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

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	81	50 - 130

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15925

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-15925/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/01/2006 2311
Date Prepared: 11/30/2006 1804

Analysis Batch: 720-16012
Prep Batch: 720-15925
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 720-15925/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/01/2006 2339
Date Prepared: 11/30/2006 1804

Analysis Batch: 720-16012
Prep Batch: 720-15925
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]	75	62	50 - 130	19	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	73	74	50 - 130

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

Client: ENV America, Incorporated

Job Number: 720-6696-1

Method Blank - Batch: 720-15896

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 720-15896/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 1926
Date Prepared: 11/30/2006 1119

Analysis Batch: 720-15899
Prep Batch: 720-15896
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Lead	ND		1.0

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15896

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS 720-15896/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 1929
Date Prepared: 11/30/2006 1119

Analysis Batch: 720-15899
Prep Batch: 720-15896
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-15896/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/30/2006 1933
Date Prepared: 11/30/2006 1119

Analysis Batch: 720-15899
Prep Batch: 720-15896
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Lead	93	92	80 - 120	0	20		

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

Client: ENV America, Incorporated

Job Number: 720-6696-1

Method Blank - Batch: 720-15923

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 720-15923/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/01/2006 1219
Date Prepared: 11/30/2006 1731

Analysis Batch: 720-15959
Prep Batch: 720-15923
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Lead	ND		0.0050

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15923

Method: 6010B
Preparation: 3010A

LCS Lab Sample ID: LCS 720-15923/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/01/2006 1222
Date Prepared: 11/30/2006 1731

Analysis Batch: 720-15959
Prep Batch: 720-15923
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-15923/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/01/2006 1225
Date Prepared: 11/30/2006 1731

Analysis Batch: 720-15959
Prep Batch: 720-15923
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Lead	96	99	80 - 120	3	20		

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

Client: ENV America, Incorporated

Job Number: 720-6696-1

Method Blank - Batch: 720-15971

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 720-15971/1-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/05/2006 0707
Date Prepared: 12/04/2006 0619

Analysis Batch: 720-16042
Prep Batch: 720-15971
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Lead	ND		0.0050

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-15971

Method: 6010B
Preparation: 3010A

LCS Lab Sample ID: LCS 720-15971/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/05/2006 0709
Date Prepared: 12/04/2006 0619

Analysis Batch: 720-16042
Prep Batch: 720-15971
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-15971/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/05/2006 0713
Date Prepared: 12/04/2006 0619

Analysis Batch: 720-16042
Prep Batch: 720-15971
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Lead	97	98	80 - 120	0	20		

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

SEVERN TRENT

STL720-6696

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 #: 102996

Date 11/28/2006 Page 1 of ____

Report To

Attn: B. Behr
Company: ENV AMERICA INC.
Address: 244 CLIFF HIGH ST. SF, CA
Phone: 415 989 9933 Email: bbehr@envamerica
Bill To: ENV AMERICA
Sampled By: B. Behr
Attn:
Phone: (415) 963 2503

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 Oxyenates ☐ 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				Number of Containers
1	B-2@15'	11/27	1330	S	—	X	X	X								X											1
2	B-2@55'	11/27	1430	S	—	X	X	X								X											1
3	B-2	11/27	1500	W	HCl/HNO3	X	X	X								X											5
4	B-3@15'	11/28	825	S	—	X	X	X								X											1
5	B-3@55'	11/28	1000	S	—	X	X	X								X											1
6	B-3	11/28	1005	W	HCl/HNO3	X	X	X								X											5
7	B-4@15'	11/28	1120	S	—	X	X	X								X											1
8	B-4@55'	11/28	1225	S	—	X	X	X								X											1
9	B-4	11/28	1400	W	HCl/HNO3	X	X	X								X											5
																/											

Project Info.

Project Name: VMW-PLEASANTON
Project#:
PO#:
Credit Card#:

Sample Receipt

of Containers:
Head Space:
Temp: 6°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:

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

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [illegible] Time: 1506	Signature: Time:	Signature: Time:
Printed Name: Bryan Behr Date: 11/28/2006	Printed Name: Date:	Printed Name: Date:
Company: ENV AMERICA INC.	Company:	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [illegible] Time: 15:06	Signature: Time:	Signature: Time:
Printed Name: T. Bullock Date: 11/28/06	Printed Name: Date:	Printed Name: Date:
Company: STL-SF	Company:	Company:

Rev 06/04

LOGIN SAMPLE RECEIPT CHECK LIST

Client: ENV America, Incorporated

Job Number: 720-6696-1

Login Number: 6696

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: 720-7512-1

Job Description: VML-Pleasanton

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

Attention: Brian Behr

Dimple Sharma
Project Manager I
dsharma@stl-inc.com
02/01/2007

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

METHOD SUMMARY

Client: ENV America, Incorporated Job Number: 720-7512-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL SF	SW846 6010B	
Acid Digestion of Waters for Total Recoverable or	STL SF		SW846 3005A
Sample Filtration	STL SF		FILTRATION

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: 720-7512-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-7512-1	B-5	Water	01/31/2007 1210	01/31/2007 1310

Client: ENV America, Incorporated

Job Number: 720-7512-1

Client Sample ID: B-5

Lab Sample ID:	720-7512-1	Date Sampled:	01/31/2007 1210
Client Matrix:	Water	Date Received:	01/31/2007 1310

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch: 720-17793		Instrument ID:	Varian ICP
Preparation:	3005A	Prep Batch: 720-17791		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	40.0 mL
Date Analyzed:	02/01/2007 0712			Final Weight/Volume:	42.8 mL
Date Prepared:	02/01/2007 0603				

Analyte	Result (mg/L)	Qualifier	RL
Lead	ND		0.0047

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: ENV America, Incorporated Job Number: 720-7512-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 720-17791					
LCS 720-17791/2-AA	Lab Control Spike	D	Water	3005A	
LCSD 720-17791/3-AA	Lab Control Spike Duplicate	D	Water	3005A	
MB 720-17772/1-AB	Method Blank	D	Water	3005A	
720-7512-1	B-5	D	Water	3005A	
720-7512-1MS	Matrix Spike	D	Water	3005A	
720-7512-1MSD	Matrix Spike Duplicate	D	Water	3005A	
Analysis Batch:720-17793					
LCS 720-17791/2-AA	Lab Control Spike	D	Water	6010B	720-17791
LCSD 720-17791/3-AA	Lab Control Spike Duplicate	D	Water	6010B	720-17791
MB 720-17772/1-AB	Method Blank	D	Water	6010B	720-17791
720-7512-1	B-5	D	Water	6010B	720-17791
720-7512-1MS	Matrix Spike	D	Water	6010B	720-17791
720-7512-1MSD	Matrix Spike Duplicate	D	Water	6010B	720-17791

Report Basis
D = Dissolved

Client: ENV America, Incorporated

Job Number: 720-7512-1

Method Blank - Batch: 720-17791

Method: 6010B
Preparation: 3005A
Dissolved

Lab Sample ID: MB 720-17772/1-AB
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/01/2007 0701
Date Prepared: 02/01/2007 0603

Analysis Batch: 720-17793
Prep Batch: 720-17791
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 40.0 mL
Final Weight/Volume: 42.8 mL

Analyte	Result	Qual	RL
Lead	ND		0.0047

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-17791

Method: 6010B
Preparation: 3005A
Dissolved

LCS Lab Sample ID: LCS 720-17791/2-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/01/2007 0704
Date Prepared: 02/01/2007 0603

Analysis Batch: 720-17793
Prep Batch: 720-17791
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 40.0 mL
Final Weight/Volume: 42.8 mL

LCSD Lab Sample ID: LCSD 720-17791/3-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/01/2007 0708
Date Prepared: 02/01/2007 0603

Analysis Batch: 720-17793
Prep Batch: 720-17791
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 40.0 mL
Final Weight/Volume: 42.8 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Lead	106	104	80 - 120	2	20		

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

Client: ENV America, Incorporated

Job Number: 720-7512-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-17791

Method: 6010B
Preparation: 3005A
Dissolved

MS Lab Sample ID:	720-7512-1	Analysis Batch:	720-17793	Instrument ID:	Varian ICP
Client Matrix:	Water	Prep Batch:	720-17791	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	40.0 mL
Date Analyzed:	02/01/2007 0715			Final Weight/Volume:	42.8 mL
Date Prepared:	02/01/2007 0603				

MSD Lab Sample ID:	720-7512-1	Analysis Batch:	720-17793	Instrument ID:	Varian ICP
Client Matrix:	Water	Prep Batch:	720-17791	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	40.0 mL
Date Analyzed:	02/01/2007 0719			Final Weight/Volume:	42.8 mL
Date Prepared:	02/01/2007 0603				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Lead	104	104	75 - 125	0	20		

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

103828

720-7512

Sheet 1 of 1

ENV AMERICA

244 California Street, Suite 500 San Francisco, CA 94111 (415) 989-9933

CHAIN OF CUSTODY RECORD

Project Information:

Site Name	VMC - PLEASANTON
Site Address	501 EL CHARRO RD
Project No.	VMC-0009
Project Manager	B. Behr
Sampled By	B. Behr
Date	1-31-07

Sample Identification	Sample Date	Sample Time	Matrix	No. of Containers	Lab I.D. Number	TPH (g) (Mod 8015)	TPH (d) (MOD 8015)	BTEX/MTBE (8021B)	BTEX (8260B)	MTBE (8260B) Confirmation	VOCs (8260B)	PAHs (8310)	17 CAM (Title 22) Metals	General Minerals	Dissolved Lead	Filter in Lab
B-5	1/31/07	1210	W	2											X	X

Analysis

RUSH

Relinquished by	Company	Received by	Company
Printed Name: Bryan Behr Date: 1/31/07	ENV AMERICA	Printed Name: Joan Mullen Date: 1-31-07	
Signature: Time: 1310		Signature: Time: 1310	
Printed Name: Date:		Printed Name: Date:	
Signature: Time:		Signature: Time:	
Printed Name: Date:		Printed Name: Date:	
Signature: Time:		Signature: Time:	

Sample Receipt		Billing Information	Special Instructions
Total Containers 2	TAT 24 HR	Bill To: ENV B. Behr	24 HR TURN
Temperature °C °F	Lab No.	Company: ENV AMERICA	
COC Seal (Y/N/NA)	Intact (Y/N)	Address: 244 CALIFORNIA ST. SUITE 320 SF, CA 94111	

LOGIN SAMPLE RECEIPT CHECK LIST

Client: ENV America, Incorporated

Job Number: 720-7512-1

Login Number: 7512

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	

EXECUTIVE SUMMARY - Detections

Client: ENV America, Incorporated Job Number: 720-7512-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections