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May 21, 2009

Paresh C. Khatri
Alameda County Health Care Services Agency
1131 Harbor Way Parkway, Suite 250
Alameda, California 94502

Subject: Site Investigation Report, Fuel Leak Case RO0000030,
EBMUD Adeline Maintenance Center
1200 21st Street
Oakland, California 94607

Dear Paresh Khatri;

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

Sincerely,

A handwritten signature in black ink, appearing to read 'John Schroeter', written over a circular stamp.

JOHN SCHROETER
Environmental Compliance Manager
East Bay Municipal Utility District

JS:jw

Attachments

**SITE INVESTIGATION REPORT
East Bay Municipal Utility District
Adeline Maintenance Facility
1200 21st Street, Oakland, California**

Alisto Project No. 10-654-39

Prepared for:



East Bay Municipal Utility District

Prepared by:



ALISTO ENGINEERING GROUP

Walnut Creek, California

May 2009

**SITE INVESTIGATION REPORT
East Bay Municipal Utility District
Adeline Maintenance Facility
1200 21st Street
Oakland, California**

Project No. 10-654-39

Prepared for:

**Mr. John Walter
East Bay Municipal Utility District
375 11th Street, M.S. 704
Oakland, California**

Prepared by:

**Alisto Engineering Group
2737 North Main Street, Suite 100
Walnut Creek, California**

May 20, 2009



**Chris Reinheimer
Senior Project Manager**

**Al Sevilla, P.E.
Principal**

TABLE OF CONTENTS

1.0 INTRODUCTION	1
1.1 Site Description and Project Background.....	1
1.2 Purpose and Scope of Work.....	2
2.0 FIELD METHODS	2
2.1 Drilling of Soil Borings.....	2
2.2 Soil and Grab Groundwater Sampling.....	3
3.0 ANALYTICAL METHODS	3
4.0 SITE GEOLOGY AND HYDROGEOLOGY	4
5.0 DISCUSSION OF RESULTS	4
5.1 AOC -1; Former Gasoline Station.....	4
5.2 AOC-2; Former Shops Building.....	5
5.3 AOC-3; Former Waste Oil Tank.....	5
6.0 SUMMARY OF RESULTS	6
7.0 CONCLUSIONS AND RECOMMENDATIONS	7

REFERENCES

TABLES

1	Summary of Results of Grab Groundwater Sampling
2	Summary of Results of Soil Sampling
3	Summary of results of Grab Groundwater Sampling; SVOCs
4	Soil Analytical Data; CAM 17 Metals
5	Groundwater Analytical Data; CAM 17 Metals

FIGURES

1	Site Vicinity Map
2	Site Plan
3	Concentration of TPH-D/TPH-MO in Grab Water Samples; AOC-1
4	Concentration of TPH-G in Grab Water Samples; AOC-1
5	Concentration of VOCs/SVOCs in Grab Water Samples ; AOC-1
6	Concentration of TPH-D/TPH-MO in Grab Water Samples; AOC-2
7	Concentration of TPH-G in Grab Water Samples; AOC-2
8	Concentration of VOCs/SVOCs in Grab Water Samples; AOC-2
9	Concentration of TPH-D in Grab Water Samples; AOC-3
10	Concentration of TPH-MO in Grab Water Samples; AOC-3
11	Concentration of TPH-G in Grab Water Samples; AOC-3
12	Concentration of VOCs/SVOCs in Grab Water Samples; AOC-3

TABLE OF CONTENTS (Continued)

APPENDICES

- A Permits
- B HPT/MIP Datalogger Printouts and Boring Logs
- C Field Procedures for Drilling, Soil and Grab Groundwater Sampling
- D Field Procedures for Chain of Custody Documentation, Laboratory Reports and Chain of Custody Records

1.0 INTRODUCTION

The East Bay Municipal Utility District (EBMUD) retained Alisto Engineering Group (Alisto) to perform a site investigation at the EBMUD Adeline Maintenance Facility, 1200 21st Street, Oakland, California. In a letter dated October 24, 2008, the Alameda County Environmental Health Services (ACEH), requested EBMUD to submit a Soil and Groundwater Investigation Plan to determine the limits or extent of residual fuel hydrocarbons in soil and groundwater resulting from the previous cleanup activities. The letter references three specific areas of concern (AOCs): AOC-1 is the former gasoline station located on the north side of the property; AOC-2 is the former auto shop located on the southeast portion of the property; and AOC-3 is the former waste oil tank site on the southwest portion of the property. A site vicinity map is shown on Figure 1.

1.1 Site Description and Project Background

The site is located on 1200 21st Street in Alameda County, Oakland, California, approximately 1.1 miles southeast of San Francisco Bay. No known active drinking water supply wells are located within 1,500 feet of the site and the shallow groundwater is not currently used as a drinking water source. The Adeline Maintenance Facility (AMF) site is owned by EBMUD and houses the Central Warehouse and Shops Building.

Areas of Concern

At AOC-1, former gas station, two gasoline-containing underground storage tanks (USTs), one 4,000-gallon and one 6,000-gallon, were removed in November 1994. The tanks were located adjacent to the former Service Station Building. During excavation, one 500-gallon concrete encased tank containing oily fluid, two 350-gallon tanks filled with water, and one 300-gallon tank were also encountered and removed. The area near the 4,000-gallon UST was over excavated to a depth of 13 to 16 feet based on visual observation of soil contamination. Analysis of soil samples indicated high concentrations of Total Petroleum Hydrocarbons as gasoline (TPH-G) ranging up to 2,800 milligrams per kilogram (mg/kg) remained at the maximum extent of the excavation located along West Grand Avenue at depths of 4 feet to 8 feet and in front of the former service bay portion of the adjacent structure.

Prior to construction of the new Shops Building and demolition of the former Central Warehouse, two additional subsurface investigations were conducted. In January 1995, 18 soil borings were drilled and 15 additional borings were completed in October 1996. The site investigations addressed all three AOCs, the results of which indicated that surface soils in the areas of the former USTs and beneath the former auto shop required excavation and removal to mitigate the risk associated with the residual petroleum compounds in the soil. In addition, concentrations of total petroleum hydrocarbons as diesel (TPH-D) and total oil and grease (TOG) as high as 15,000 mg/kg and 64,000 mg/kg, respectively, were detected in the soil in the area of the former Machine Shop (now Central Warehouse) UST. Similarly, a groundwater sample collected from the same area was analyzed to contain concentrations of TPH-G, TPH-D, benzene, and MTBE as high as 380 micrograms/liter ($\mu\text{g/L}$), 16,000 $\mu\text{g/L}$, 19 $\mu\text{g/L}$, and 210 $\mu\text{g/L}$, respectively.

Final remedial excavation of the former gasoline station area (AOC-1) and the former auto shop area (AOC-2) was performed in June 1997. Approximately 1,300 cubic yards were removed from AOC-1 and 200 cubic yards from AOC-2.

In summary, previous investigations of AOC-1 indicated that the extent of TPH-G, TPH-D, and benzene in soil and groundwater was not fully defined and that further investigation was warranted. At AOC-2 (former auto shop), benzene, TOG, and TPH-D were detected in soil samples and the nature and extent of these constituents of concern (COCs) in soil and groundwater were also not adequately defined. Previous remedial excavations do not appear to have fully removed the hydrocarbon-impacted soil from all identified areas of concern, particularly in the vicinity of the former auto shop.

At AOC-3, the 2,500-gallon waste oil tank next to the former Machine Shop was removed in August 1998. The excavation extended to 7.5 to 8 feet below ground surface (bgs). Free product was observed on groundwater that entered the excavation at a depth of approximately 7 feet. Samples of soil beneath the tank had detectable concentrations of TPH-G, TPH-D, and TOG of up to 85 mg/kg, 2,500 mg/kg, and 26,000 mg/kg, respectively.

1.2 Purpose and Scope of Work

The purpose of the investigation is to address the concerns of the ACEH as set forth in the October 2008 letter. The scope of work for this additional subsurface investigation included the following tasks:

- Obtain drilling permits from Alameda County Department of Public Works
- Perform an underground utility search on- and offsite to clear proposed drilling locations for potential underground interferences
- Drill 38 soil borings on-site by direct push technique using Geoprobe drilling rig equipped with a membrane interface probe (MIP) and hydrologic profiling tool (HPT) and collect soil and grab groundwater samples for laboratory analysis of petroleum hydrocarbons and fuel oxygenates
- Prepare a technical report presenting the results and findings of the additional subsurface investigation

2.0 FIELD METHODS

To assess the vertical and lateral extent of residual petroleum hydrocarbons, and fuel oxygenates and additives on-site, a total of 38 soil borings were drilled using direct push technique (Geoprobe) at locations shown on Figure 2. Selected borings were advanced using HPT and MIP probes to better define the subsurface conditions. Drilling permits were obtained from the Alameda County Public Works Department, copies of which are included in Appendix A. The methods and procedures used during the field activities are described below.

2.1 Drilling of Soil Borings

All the borings were first hand-augered to depths of five feet and then drilled to maximum depths of 26 feet (0309). A total of 38 borings were drilled on-site; eleven borings were advanced using HPT technology, eight borings using MIP technology, and nineteen using

coring/hydropunch methods. The boreholes were drilled by Enprob of Oroville, California, a C-57 licensed driller, using a Geoprobe direct-push truck-mounted drilling rig.

Borings 0109 through 0309 and Borings 1309 through 2009 were drilled using the HPT to determine depth of first water bearing sediments beneath the site. Borings 0409, 0509, 1009, 1109, 1209, 2109, 2209 and 2309 were drilled using the MIP tool. The remaining borings were drilled using a 2-1/4-inch-diameter dual walled continuous sampling tool. Datalogger printouts for the HPT and MIP borings and boring logs prepared for the other boreholes are included in Appendix B.

After collection of sufficient volume of soil and groundwater samples for analysis of COC, the borings were backfilled from the bottom to the surface using tremied neat cement grout and the surface repaired to match existing. A representative of the Alameda County Public Works Department witnessed the grouting of the soil borings.

2.2 Soil and Grab Groundwater Sampling

Soil samples were collected from the vadose zone of selected borings using a sampler lined with clean Lexan sleeves. The soil cores were described in the field by a qualified geologist as to sediment type, qualitative moisture content, density and observed for the presence of hydrocarbon staining. Soil samples were also screened in the field using an organic vapor meter.

From selected borings, grab groundwater samples were collected from first encountered saturated sediments using either a hydropunch tool or by placing clean temporary casing in the open boring. Clean silicone tubing was then placed at the screen interval of either the hydropunch or temporary casing and a sample was collected using a peristaltic pump.

Procedures for collection of soil and grab groundwater samples are described in Appendix C and the boring logs are included in Appendix B.

3.0 ANALYTICAL METHODS

Soil and groundwater samples collected during the site investigation were analyzed by the EBMUD Laboratory Services Division (California Environmental Laboratory Accreditation Program Certificate No 1060) for the following constituents using standard test methods of U.S. EPA and the California Department of Health Services:

- Total petroleum hydrocarbons as gasoline (TPH-G), and BTEX using EPA Method 8260B
- TPH-D, and total petroleum hydrocarbons as motor oil (TPH-MO; carbon range C₂₁-C₃₂) using EPA Method 8015/8015M
- Semi-Volatile Organic Compounds (SVOC) using EPA Method 8270C
- CAM 17 metals using EPA Method 6010B. Analysis of Mercury and Silver were performed using EPA Methods 7471 and 7761 , respectively

The laboratory results for the soil and grab groundwater samples are summarized in Tables 1, 2, 3, and 4. Analytical results for the grab groundwater samples are also shown on Figures 3 through 11. The field procedures for chain of custody documentation, the laboratory reports, and chain of custody records are included in Appendix D.

4.0 SITE GEOLOGY AND HYDROGEOLOGY

The site is located within the East Bay Plain Groundwater Basin, within the Coast Ranges Geomorphic province (HLA, 1992). The regional geology is composed of Holocene alluvial and fluvial deposits containing unconsolidated and interbedded clays, silts, sands and gravels underlain by Jurassic, Cretaceous and Tertiary-age bedrock units of the Franciscan Complex and Great Valley sequence (RWQCB, 1999). The Hayward Fault is located approximately one mile to the east-northeast.

The site is located within the Oakland Sub-Area of the San Francisco Basin portion of the East Bay Plain (RWQCB, 1999). Water supply wells in the Oakland Sub-Area groundwater basin have been constructed within the alluvial and fluvial deposits at depths of approximately 200 feet below ground surface. Groundwater flow direction is generally along the topographic slope to the west toward San Francisco Bay.

Shallow sediments at the site dominantly consist of fine-grained silty clay and sandy clay. Some small sand stringers were also noted and the presence of a dark brown to black organic rich clay was encountered in a number of borings. The depth to first saturated sediments in the site vicinity generally ranged from 10 to 13 feet bgs.

In Borings drilled with HPT technology, (0109, 0209, 0309, and 1309 through 2009), a silty clay was encountered at depth between 22 and 26 feet across the site. Data from the HPT borings suggest that the first water bearing zone is encountered at approximately 13 feet bgs. The logs from the HPT data logger system are included in Appendix C.

5.0 DISCUSSION OF RESULTS

The results of soil and groundwater sampling and analysis performed during the March 2009 site investigation performed by Alisto are discussed in the following sections.

5.1 AOC-1; Former Gasoline Station

Fifteen borings (1709 through 3109) were advanced within AOC-1, the former gas service station. The borings consisted of four HPT, three MIP and eight dual wall probes. A total of 10 water samples and 8 soil samples were collected and submitted for laboratory analysis.

Five of the water samples contained reportable concentrations of TPH-D, with the highest levels detected in the water samples 2309 and 2909 at 2,200 and 1,200 micrograms per liter (ug/L), respectively. Seven water samples contained TPH-G and benzene at concentrations of up to 4,900 and 22 ug/L in water samples 2909 and 2309, respectively. Samples collected from Borings 1709 and 1809 were not analyzed for TPH-G or VOC constituents.

Soil samples collected from five of the borings, (2509, 2609, 2909, 3009 and 3109) were submitted for laboratory analysis. TPH-D and TPH-MO were detected in seven of the eight samples submitted for analysis with the highest concentration of TPH-D at 600 mg/kg detected in Sample 3009 at 8 feet bgs. TPH-MO was detected in Sample 2509 at 8 feet bgs at a concentration of 270 mg/kg. TPH-G was detected in six of the eight samples at a maximum concentration of 2,500 mg/kg in the sample from Boring 3009 at 7 feet bgs. Both samples collected from Boring 3109 (8 and 12 feet bgs) contained TPH-G concentrations of 2,100 and 2,400 mg/kg, respectively. BTEX and MTBE were not detected in any of the eight soil samples analyzed above the laboratory detection limit using EPA method 8260B.

Of the eight soil samples analyzed for CAM 17 Metals at AOC-1, only barium in Boring 3009 exceeded the corresponding Environmental Screening Level (ESL) for industrial sites with shallow groundwater. Groundwater samples collected at AOC-1 were not analyzed for CAM 17 Metals.

5.2 AOC-2; Former Shops Building

Thirteen borings (1109 through 1609 and 3209 through 3809) were advanced at AOC-2 (former shop building). The borings consisted of four HPT, two MIP and seven dual wall probes. A total of nine grab water samples and ten soil samples were collected and submitted for laboratory analysis.

Water samples collected from Borings 1609, 3509 and 3609 were not analyzed for TPH-G, BTEX, and MTBE due to insufficient sample volume. None of the water samples contained detectable concentrations of TPH-D. Only the water samples collected from Borings 1309 and 3509 contained 7,000 and 5,800 ug/L of TPH-MO, respectively. TPH-G was only detected in the water sample from Boring 1509 at a concentration of 120 ug/L. The concentrations of benzene detected in all the water samples were below regulatory action level. Three of the water samples contained MTBE with the highest concentration detected in boring 3709 at 2.1 ug/L. Both BTEX and MTBE constituents were detected at or below laboratory reporting limits in the remaining samples using EPA Method 8260B.

A total of ten soil samples collected from seven of the borings (3209 through 3809) were submitted for laboratory analysis. TPH-MO was detected in eight of the ten samples submitted for analysis with the highest concentration of TPH-MO at 12,000 mg/kg detected in Sample 3509 at 5 feet bgs. TPH-G was detected in three of the ten samples at a maximum concentration of 110 mg/kg in the sample from Boring 3209 at 8 feet bgs. BTEX and MTBE were not detected above the laboratory reporting limits in any of the ten soil samples using EPA method 8260B.

Of the ten soil samples analyzed for CAM 17 Metals at AOC-2, only arsenic and total chromium concentrations exceeded the corresponding ESL for industrial sites with shallow groundwater. In the five groundwater samples at AOC-2 analyzed for CAM 17 Metals, concentrations of seven metals exceeded the corresponding MCL for drinking water.

5.3 AOC-3; Former Waste Oil Tank

Ten borings (109 through 1009) were advanced within AOC-3, the former Machine Shop. The borings consisted of three HPT, three MIP and four dual wall probes. A total of ten grab water

samples and six soil samples were collected and submitted for laboratory analysis.

Only the water samples from Borings 1009 and 0509 contained reportable concentrations of TPH-D of 18,000 and 2,300 ug/L. Seven of the water samples contained TPH-MO with the highest concentration detected in Sample 1009 at 190,000 ug/L. Three water samples contained TPH-G and benzene with the highest concentrations detected in Sample 109 at 150 and 1.6 ug/L. Samples collected from Boring 1009 were not analyzed for TPH-G or VOC constituents.

Six soil samples from four of the borings (0709 through 1009) were submitted for laboratory analysis. TPH-D and TPH-MO were not detected above laboratory detection limits in five of the six samples analyzed. TPH-D and TPH-MO were detected at 26 and 490 mg/kg in the sample from Boring 0909 at 8 feet bgs. TPH-G, BTEX and MTBE were not detected above the laboratory reporting limits in all six soil samples.

Of the six soil samples analyzed for CAM 17 Metals at AOC-3, none of the metals exceeded the corresponding ESL for industrial sites with shallow groundwater. In the five groundwater samples at AOC-3 analyzed for CAM 17 Metals, concentrations of six metals exceeded the corresponding MCL for drinking water. Metals concentrations exceeding the MCL were only detected in Borings 0109 and 0309.

6.0 SUMMARY OF RESULTS

The results of this site investigation, based on field observations and laboratory data analysis are discussed below:

- Soil types encountered in Borings 0109 through 3809 consisted predominantly of silty clay to sandy clay, with less common graded sand and silt lenses. A silty clay layer was encountered at depths between approximately 22 and 26 feet.
- Saturated soil conditions were typically encountered in the borings between approximately 10 and 13 feet bgs.
- Analysis of soil samples collected from 14 of the 15 dual wall borings did not detect BTEX and MTBE constituents above the laboratory reporting limits. Ethylbenzene and xylenes were detected in the 12-foot sample from Boring 3109 at concentrations of 1.8 and 4.1 mg/kg. In addition, none of the soil samples collected from AOC-3 contained reportable concentrations of TPH-G.
- TPH-D was not detected in the soil samples collected from AOC-2 and only one sample collected from Boring 0909 in AOC-3 contained 26 mg/kg of TPH-D at 16 feet bgs.
- TPH-D was detected in seven of the 29 grab groundwater samples collected during this investigation at a maximum concentration of 18,000 ug/L in Boring 1009 (AOC-3).
- TPH-MO was detected in ten grab groundwater samples collected at a maximum concentration of 190,000 ug/L in Boring 1009 (AOC-3).
- BTEX constituents were detected in 12 grab groundwater samples analyzed at a

maximum concentration of 115 ug/L xylenes in Sample 2109 (AOC-1). The maximum concentration of benzene was detected in Sample 2309 (AOC-1) at a concentration of 22 ug/L.

- Concentrations of metals in 6 of 10 grab groundwater samples exceeded the corresponding California Primary Maximum Contaminant Level for drinking water.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions and recommendations based on the data collected from this investigation are discussed below:

- The lateral extent of petroleum hydrocarbon-impacted groundwater beneath AOC-1 appears to be defined to the west. The lateral extent of dissolved-phase hydrocarbons in groundwater to the east and south under the Shops building does not appear to have been defined at AOC-1, specifically TPH-G and TPH-D.
- The lateral extent of residual petroleum hydrocarbons in groundwater beneath AOC-2 appears to be defined to the west, south, and east. The primary constituent of concern at AOC-2 is TPH-MO. No VOCs or TPH-D were detected at or below laboratory reporting limits in any of the samples analyzed.
- The lateral extent of petroleum hydrocarbons in groundwater beneath AOC-3 appears to be defined to the north, east, and south. The primary constituents of concern detected at AOC-3 are TPH-D and TPH-MO. No VOCs were detected at laboratory reporting limits in any grab water sample analyzed at AOC-3.
- Both VOCs and SVOCs were not detected above the laboratory reporting limits in all of the soil samples analyzed during this investigation using EPA Methods 8260B and 8270C. Benzene was not detected above the laboratory detection limits in any of the soil samples.
- It appears that the bulk of petroleum hydrocarbon mass in the soil was removed during previous over-excavation and remedial activities. As such, no further soil remedial excavation is warranted or recommended at this time.
- From the results of this investigation, it is recommended that a workplan to address the residual petroleum hydrocarbons in the onsite soil and shallow groundwater be prepared and submitted to the regulatory agencies.

REFERENCES

GEMS; 1994. Interim Remedial Action Summary Report for EBMUD Facility located at 1200 21stth Street, Oakland, California. December 29.

GeoPlexus; 1995. Preliminary Site Assessment Report for Adeline Maintenance Facility. March 2. September 12.

GeoPlexus; 1996. Materials Management Plan for East Bay Municipal Utility District Adeline Maintenance Center, 1200 21stth Street, Oakland, California. January 18.

GeoPlexus; 1996. Addendum No. 2 to Materials Management Plan for EBMUD Adeline Maintenance Facility, Oakland, CA. September 12.

GeoPlexus; 1997. Subsurface Investigation Report and Response to Agency Comments on Addendum No. 2 to Materials Management Plan for EBMUD Adeline Maintenance Facility, Oakland, CA. January 22.

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GeoPlexus; 1998. Transmittal of Phase II Construction Materials Management Final Report for EBMUD Adeline Maintenance Center, Oakland CA. June 30.

GEMS; 1998. Tank Removal Summary Report for EBMUD Adeline Maintenance Facility, 1198 21st Street, Oakland CA. September 15.

Alisto Engineering; 2008. Workplan for Additional Investigation EBMUD Adeline Maintenance Facility, 1200 21st Street, Oakland, CA. December 19.

TABLES

TABLE 1 - SUMMARY OF RESULTS OF GRAB GROUNDWATER SAMPLING
 East Bay Municipal Utility District; Adeline Maintenance Facility
 1200 21st, Oakland, California

ALISTO PROJECT NO. 10-654-39

Sample ID	Date of Sampling	Sample Depth (Feet) (a)	LUFT 8015/8015M		EPA METHOD 8260/8260B														LAB	
			TPH-D (ug/L)	TPH-MO (ug/L) (b)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TBA (ug/l)	cis 1,2-DCE (ug/l)	2-butanone (ug/l)	Napthalene (ug/l)	1,2,3-TCB (ug/l)	1,2,4-TMB (ug/l)	Vinyl Chloride (ug/l)	Total VOC (ug/l)		
0109	3/23/2009	13	ND<20	23000	150	1.6	ND<0.66	ND<0.51	5.8	ND<1.2	13	1.2	77	1.6	1.2	6.5	ND<1.1	126.73	EBMUD	
0209	3/23/2009	13	ND<20	ND<260	ND<57	ND<0.58	ND<0.66	ND<0.51	ND<1.6	ND<1.2	ND<5.6	ND<0.58	170	ND<0.79	ND<0.82	ND<0.81	ND<1.1	190.7	EBMUD	
0309	3/23/2009	13	ND<20	2200	ND<57	ND<0.58	ND<0.66	ND<0.51	ND<1.6	ND<1.2	ND<5.6	ND<0.58	2.3	ND<0.79	ND<0.82	ND<0.81	ND<1.1	2.3	EBMUD	
0409	3/23/2009	13	ND<20	ND<260	ND<57	ND<0.58	ND<0.66	ND<0.51	ND<1.6	ND<1.2	ND<5.6	ND<0.58	ND<1.7	ND<0.79	ND<0.82	ND<0.81	ND<1.1	0.98	EBMUD	
0509	3/23/2009	13	2300	24000	140	1.5	ND<0.66	ND<0.51	10.6	ND<1.2	17	0.72	ND<1.7	ND<0.79	ND<0.82	ND<0.81	1.8	42.45	EBMUD	
0609	3/24/2009	13	ND<20	1900	ND<57	ND<0.58	ND<0.66	ND<0.51	ND<1.6	ND<1.2	ND<5.6	ND<0.58	ND<1.7	ND<0.79	ND<0.82	ND<0.81	ND<1.1	4.92	EBMUD	
0709	3/24/2009	13	ND<20	ND<260	ND<57	ND<0.58	ND<0.66	ND<0.51	ND<1.6	ND<1.2	ND<5.6	ND<0.58	30	ND<0.79	ND<0.82	ND<0.81	ND<1.1	39.7	EBMUD	
0809	3/24/2009	13	ND<20	1600	ND<57	0.85	ND<0.66	ND<0.51	ND<1.6	ND<1.2	19	ND<0.58	ND<1.7	ND<0.79	ND<0.82	ND<0.81	ND<1.1	25.55	EBMUD	
0909	3/24/2009	13	ND<20	13000	90	0.89	ND<0.66	ND<0.51	0.82	ND<1.2	14	1.7	2.4	ND<0.79	ND<0.82	ND<0.81	ND<1.1	32.28	EBMUD	
1009	3/24/2009	13	18000	190000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	EBMUD
1109	3/24/2009	13	ND<20	ND<260	ND<57	ND<0.58	ND<0.66	ND<0.51	ND<1.6	ND<1.2	ND<5.6	ND<0.58	ND<1.7	ND<0.79	ND<0.82	ND<0.81	ND<1.1	ND	EBMUD	
1209	3/24/2009	13	ND<20	ND<260	ND<57	ND<0.58	ND<0.66	ND<0.51	ND<1.6	ND<1.2	ND<5.6	ND<0.58	ND<1.7	ND<0.79	ND<0.82	ND<0.81	ND<1.1	ND	EBMUD	
1309	3/27/2009	13	ND<20	7000	ND<57	ND<0.58	ND<0.66	ND<0.51	ND<1.6	1.4	ND<5.6	ND<0.58	23	ND<0.79	ND<0.82	ND<0.81	ND<1.1	29.8	EBMUD	
1409	3/27/2009	13	ND<20	ND<260	ND<57	ND<0.58	ND<0.66	ND<0.51	ND<1.6	ND<1.2	ND<5.6	ND<0.58	21	ND<0.79	ND<0.82	ND<0.81	ND<1.1	25.3	EBMUD	
1509	3/27/2009	13	ND<20	ND<260	120	ND<0.58	ND<0.66	ND<0.51	ND<1.6	1.8	ND<5.6	ND<0.58	7	ND<0.79	ND<0.82	ND<0.81	ND<1.1	19.2	EBMUD	
1609	3/27/2009	13	ND<20	ND<260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	EBMUD
QC-1	3/26/2009	---	---	---	ND<57	ND<0.58	0.75	ND<0.51	ND<1.6	ND<1.2	ND<5.6	ND<0.58	ND<1.7	1.9	ND<0.82	ND<0.81	ND<1.1	2.65	EBMUD	
1709	3/26/2009	13	ND<20	ND<260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	EBMUD

TABLE 1 - SUMMARY OF RESULTS OF GRAB GROUNDWATER SAMPLING
 East Bay Municipal Utility District; Adeline Maintenance Facility
 1200 21st, Oakland, California

ALISTO PROJECT NO. 10-654-39

Sample ID	Date of Sampling	Sample Depth (Feet) (a)	LUFT 8015/8015M		EPA METHOD 8260/8260B														LAB	
			TPH-D (ug/L)	TPH-MO (ug/L) (b)	TPH-G (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TBA (ug/l)	cis 1,2-DCE (ug/l)	2-butanone (ug/l)	Napthalene (ug/l)	1,2,3-TCB (ug/l)	1,2,4-TMB (ug/l)	Vinyl Chloride (ug/l)	Total VOC (ug/l)		
1809	3/26/2009	13	430	ND<260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	EBMUD
1909	3/26/2009	13	ND<20	ND<260	360	4.5	0.74	ND<0.51	ND<1.6	ND<1.2	ND<5.6	ND<0.58	ND<1.7	1.2	ND<0.82	ND<0.81	ND<1.1	14.65	EBMUD	
2009	3/26/2009	13	280	ND<260	760	3.9	1.5	5.7	10.4	ND<1.2	ND<5.6	ND<0.58	2.9	4.2	ND<0.82	10.5	ND<1.1	59.69	EBMUD	
2109	3/26/2009	13	ND<20	ND<260	1200	5.6	7.2	24	115	1.4	ND<5.6	ND<0.58	5.2	12	ND<0.82	78	ND<1.1	273.4	EBMUD	
2209	3/26/2009	13	98	ND<260	1100	6.8	0.83	ND<0.51	1.3	59	ND<5.6	ND<0.58	4.2	1.4	ND<0.82	1.1	ND<1.1	109.17	EBMUD	
2309	3/26/2009	13	2200	2200	2500	22	4	21	9.9	1.5	ND<5.6	ND<0.58	ND<1.7	45	ND<0.82	3.7	ND<1.1	172.8	EBMUD	
2609	3/27/2009	13	ND<20	ND<260	ND<57	1.4	ND<0.66	ND<0.51	ND<0.51	ND<1.2	ND<5.6	ND<0.58	3.3	ND<0.79	ND<0.82	ND<0.81	ND<1.1	19.7	EBMUD	
2809	3/26/2009	13	ND<20	ND<260	87	ND<0.58	ND<0.66	ND<0.51	ND<1.6	ND<1.2	ND<5.6	ND<0.58	ND<1.7	1.5	ND<0.82	ND<0.81	ND<1.1	1.5	EBMUD	
2909	3/27/2009	13	1200	ND<260	4900	5.8	4.3	2.8	11.9	1.5	ND<5.6	ND<0.58	22	ND<0.79	ND<0.82	ND<0.81	ND<1.1	215.52	EBMUD	
QC-2	3/27/2009	---	---	---	ND<57	ND<0.58	0.75	ND<0.51	ND<1.6	ND<1.2	ND<5.6	ND<0.58	ND<1.7	ND<0.79	ND<0.82	ND<0.81	ND<1.1	3.15	EBMUD	
3509	3/27/2009	13	ND<20	5800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	EBMUD	
3609	3/27/2009	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	EBMUD	
3709	3/27/2009	13	ND<20	ND<260	ND<57	0.76	0.68	ND<0.51	ND<1.6	2.1	ND<5.6	ND<0.58	13	ND<0.79	ND<0.82	ND<0.81	ND<1.1	29.54	EBMUD	

ABBREVIATIONS:		LEGEND		NOTES:	
TPH-G	Total petroleum hydrocarbons as gasoline (EPA Method 8260B)	TPH-D	Total petroleum hydrocarbons as gasoline (EPA Method 8015/8020)	= Diesel/Gasoline pattern atypical	
B	Benzene (EPA Method 8260B)	TPH-MO	Total petroleum hydrocarbons as gasoline (EPA Method 8015/8020)		
T	Toluene (EPA Method 8260B)	TBA	tert-Butanol	(*)	Matrix spike/Matrix dup. above acceptance limits
E	Ethylbenzene (EPA Method 8260B)	cis 1,2-DCE	cis-1,2-dichloroethene		due to matrix interference; Analyte not detected; data not impaired
X	Total xylenes (EPA Method 8260B)	2-butanone	2-butanone		Analyte not detected; data not impaired
MTBE	Methyl tert butyl ether (EPA Methods 8260B)	Napthalene	Napthalene	(a)	Depth in feet below ground surface
ug/l	Micrograms per liter	1,2,3-TCB	1,2,3-Trichlorobenzene	(b)	TPH-MO carbon range C ₂₁ -C ₃₂
ND	Not detected above laboratory detection limit	1,2,4-TMB	1,2,4-Trimethylbenzene		
---	Not analyzed/applicable/measured	NA	Sample not analyzed by laboratory		
EBMUD	EBMUD Laboratory Services Division; ELAP No. 1060	QC-1	Field Duplicate		

TABLE 2 - SUMMARY OF RESULTS OF SOIL SAMPLING
 East Bay Municipal Utility District; Adeline Maintenance Center
 Oakland, California

ALISTO PROJECT NO. 10-654-39

Sample ID	Date of Sampling	Sample Depth (Feet)	LUFT 8015M		EPA METHOD 8260/8260B													LAB
			TPH-D (mg/kg)	TPH-MO (mg/kg) (a)	TPH-G (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	ETBE (mg/kg)	Napthalene (mg/kg)	1,2 DCA (mg/kg)	1,2,4-TMB (mg/kg)	MC (mg/kg)	Total VOC (mg/kg)	
0609	3/24/2009	7.5-8	ND<1.5	ND<18	ND<0.57	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	3.6	3.8	EBMUD
0609	3/24/2009	19.5-20	ND<1.5	ND<18	ND<0.57	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	2.2	2.4	EBMUD
0709	3/24/2009	7.5-8	ND<1.5	ND<18	ND<0.57	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	5.1	5.2	EBMUD
0709	3/24/2009	15.5-16	ND<1.5	ND<18	ND<0.57	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	5.7	6.0	EBMUD
0809	3/24/2009	15.5-16	ND<1.5	ND<18	ND<0.57	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	7.6	7.9	EBMUD
0909	3/24/2009	15.5-16	26	490	ND<0.57	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	4.6	6.6	EBMUD
2509	3/26/2009	7.5-8	27	270	ND<5.7	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	1.2	1.2	EBMUD
2609	3/26/2009	7.5-8	ND<1.5	34	ND<5.7	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	1.8	1.8	EBMUD
2909	3/26/2009	7-7.5	140	76	600	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	6.9	8.4	EBMUD
2909	3/26/2009	9.5-10	ND<1.5	ND<18	320	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	7.3	7.3	EBMUD
3009	3/26/2009	7-7.5	600	230	2500	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	8.8	10.7	EBMUD
3009	3/26/2009	9.5-10	120	37	660	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	5.2	5.9	EBMUD
3109	3/26/2009	7.5-8	170	66	2100	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	4.3	ND<0.25	ND<0.17	6.3	13.9	EBMUD
3109	3/26/2009	11.5-12	120	53	2400	ND<0.23	ND<0.20	1.8	4.11	ND<0.50	ND<5.1	ND<0.28	2.4	ND<0.25	11	0.9	22.6	EBMUD
3209	3/27/2009	7.5-8	ND<1.5	890	110	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	3.9	3.9	EBMUD
3309	3/27/2009	7.5-8	ND<1.5	23	10	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	1.2	1.2	EBMUD
3409	3/27/2009	4.5-5	ND<1.5	350	ND<0.57	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	6.7	7.6	EBMUD
3409	3/27/2009	7.5-8	ND<1.5	3400	ND<5.7	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	6.0	6.0	EBMUD
3509	3/27/2009	4.5-5	ND<1.5	12000	5.6	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	4.5	5.3	EBMUD
3509	3/27/2009	7.5-8	ND<1.5	52	ND<5.7	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	9.8	9.8	EBMUD
3609	3/27/2009	7.5-8	ND<1.5	32	ND<0.57	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	3.1	3.4	EBMUD
3709	3/27/2009	7.5-8	ND<1.5	ND<18	ND<0.57	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	5.0	5.2	EBMUD
3809	3/27/2009	4.5-5	ND<1.5	96	ND<0.57	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	8.6	9.3	EBMUD
3809	3/27/2009	7.5-8	ND<1.5	ND<18	ND<0.57	ND<0.23	ND<0.20	ND<0.27	ND<0.23	ND<0.50	ND<5.1	ND<0.28	ND<0.52	ND<0.25	ND<0.17	3.0	3.2	EBMUD

ABBREVIATIONS:

TPH-G Total petroleum hydrocarbons as gasoline (EPA Method 8260B)
 B Benzene (EPA Method 8260B)
 T Toluene (EPA Method 8260B)
 E Ethylbenzene (EPA Method 8260B)
 X Total xylenes (EPA Method 8260B)
 MTBE Methyl tert butyl ether (EPA Methods 8260B)
 mg/kg Milligrams per kilogram
 ND Not detected above reported detection limit
 --- Not analyzed/applicable/measured
 EBMUD EBMUD Laboratory Services Division; ELAP No. 1060

TBA
 ETBE
 DIPE
 MTBE
 1,2-DCA
 1,2,4-TMB
 MC
 TPH-D
 TPH-MO

tert-Butanol
 Ethyl tert-Butyl Ether
 Diisopropyl ethyl ether
 Methyl tert-butyl ether
 1,2-Dichloroethane
 1,2,4-Trimethylbenzene
 Methylene Chloride
 Total petroleum hydrocarbons as gasoline (EPA Method 8015/8020)
 Total petroleum hydrocarbons as gasoline (EPA Method 8015/8020)

NOTES:

320 = Diesel/Gasoline pattern atypical
 (a) = Estimated Value, concentration outside calibration range
 TPH-MO carbon range C₂₁-C₃₂

TABLE 3 - SUMMARY OF RESULTS OF GRAB GROUNDWATER SAMPLING: Semi-Volatile Organic Compounds
 East Bay Municipal Utility District; Adeline Maintenance Facility
 1200 21st, Oakland, California

ALISTO PROJECT NO. 10-654-39

Sample ID	Date of Sampling	Sample Depth (Feet) (a)	Phenol (ug/L)	Fluorene (ug/L)	Diethyl Phthalate (ug/l)	Di-N-Buytl Phtalate (ug/l)	Fluoranthene (ug/l)	Pyrene (ug/l)	Butylbenzyl Phthlate (ug/l)	Chrysene (ug/l)	Benzoic Acid (ug/l)	Total SVOC (ug/l)	LAB
0109	3/23/2009	13	7.8	ND<0.24	ND<0.12	0.43	0.23	0.52	ND<0.12	0.23	7.1	27.63	EBMUD
0209	3/23/2009	13	9	ND<0.21	0.17	ND<0.21	ND<0.11	ND<0.11	0.23	ND<0.053	ND<1.1	9.4	EBMUD
0309	3/23/2009	13	3.6	ND<0.26	0.14	ND<0.26	ND<0.13	ND<0.13	0.36	0.12	3.6	8.26	EBMUD
0409	3/23/2009	13	ND<0.21	ND<260	0.41	ND<0.21	ND<0.11	ND<0.11	0.2	ND<0.053	ND<1.1	0.61	EBMUD
0509	3/23/2009	13	2.7	0.27	0.43	0.49	0.12	0.22	0.71	0.098	19	27.5	EBMUD
0609	3/24/2009	13	1.7	ND<0.19	0.6	1.2	ND<0.097	ND<0.097	0.65	ND<0.049	ND<0.97	4.29	EBMUD
0709	3/24/2009	13	0.3	ND<0.2	0.17	0.35	ND<0.1	ND<0.1	0.53	ND<0.05	ND<1.0	1.47	EBMUD
0809	3/24/2009	13	5	ND<0.2	0.18	0.38	ND<0.098	ND<0.098	0.61	ND<0.049	ND<0.98	6.17	EBMUD
0909	3/24/2009	13	ND<0.2	1.8	ND<0.1	2.3	1.4	2.9	5.9	1.1	23	90.4	EBMUD
1009	3/24/2009	13	ND<0.22	0.54	0.23	1.2	ND<0.11	0.46	1.2	0.22	6.1	22.53	EBMUD
1109	3/24/2009	13	ND<0.21	ND<0.25	ND<0.12	ND<0.25	ND<0.1	ND<0.1	ND<0.13	ND<0.62	ND<1.2	ND	EBMUD
1209	3/24/2009	13	0.54	ND<0.25	ND<0.12	0.3	ND<0.1	ND<0.1	ND<0.13	ND<0.62	ND<1.2	0.84	EBMUD
1309	3/27/2009	13	1.3	ND<0.25	ND<0.12	ND<0.25	ND<0.1	ND<0.1	0.13	ND<0.62	ND<1.2	1.43	EBMUD
1409	3/27/2009	13	1.2	ND<0.25	ND<0.12	ND<0.25	ND<0.1	ND<0.1	ND<0.14	ND<0.62	ND<1.2	1.2	EBMUD
1509	3/27/2009	13	1.1	ND<0.25	ND<0.12	ND<0.25	ND<0.1	ND<0.1	ND<0.12	ND<0.62	ND<1.2	1.1	EBMUD
1609	3/27/2009	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	EBMUD
QC-1	3/26/2009	---	---	---	ND<57	ND<0.58	ND<0.66	ND<0.51	ND<1.6	ND<1.2	ND<5.6	NA	EBMUD
QC-2	3/27/2009	---	---	---	ND<57	ND<0.58	ND<0.66	ND<0.51	ND<1.6	ND<1.2	ND<5.6	NA	EBMUD
3509	3/27/2009	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	EBMUD
3609	3/27/2009	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	EBMUD
3709	3/27/2009	13	0.53	ND<0.25	ND<0.12	ND<0.25	ND<0.1	ND<0.1	ND<0.13	ND<0.62	ND<1.2	0.71	EBMUD

ABBREVIATIONS:

SVOC	Semi-Volatile Organic Compounds (EPA Method 8270C)	EBMUD	EBMUD Laboratory Services Division; ELAP No. 1060
ug/l	Micrograms per liter	NA	Sample not analyzed by laboratory
ND	Not detected above reported detection limit	(a)	Samples collected from temporary casing in screened interval
---	Not analyzed/applicable/measured	QC-1	Field Duplicate

TABLE 4 - SOIL ANALYTICAL DATA: CAM 17 METALS
EBMUD Adeline Maintenance Center
Oakland, California
Alisto Project No. 10-654-39

AOC	Sample ID and Depth	Arsenic	Barium	Beryllium	Cadmium	Cobalt	Chromium	Copper	Molybdenum	Nickel	Lead	Antimony	Selenium	Thallium	Vanadium	Zinc	Mercury	Silver	LAB
3	0609 @ 8'	2.67	19.8	0.185	0.163	5.42	29.5	10.4	0.179	24.4	11.9	ND<0.893	ND<1.16	ND<0.982	22.2	36	0.083	0.035	EBMUD
3	0609 @ 20'	ND<0.825	44.9	0.253	ND<0.074	4.34	30.5	5.75	ND<0.165	18.2	2.12	ND<0.825	ND<1.07	ND<0.908	21.2	19.7	0.038	0.034	EBMUD
3	0709 @ 8'	1.44	84.2	0.25	0.136	26	34.2	6.67	0.188	27.1	13.5	ND<0.849	ND<1.1	ND<0.934	27	25.8	0.042	0.012	EBMUD
3	0709 @ 16'	ND<0.951	260	0.479	0.086	5.66	46.3	10.5	0.205	28.6	3.94	ND<0.951	ND<1.24	ND<1.05	44.3	51.3	0.037	0.074	EBMUD
3	0809 @ 16'	1.29	272	0.514	ND<0.0865	5.9	28	20.2	0.192	41.4	4.07	ND<0.962	ND<1.25	ND<1.06	21.7	43.4	0.051	0.1	EBMUD
3	0909 @ 16'	ND<1.02	166	0.42	ND<0.0915	2.92	28.9	10	ND<0.203	20.4	4.14	ND<1.02	ND<1.32	ND<1.12	18.9	20.3	0.045	0.047	EBMUD
1	2509 @ 8'	4.45	132	0.363	0.243	8.33	40.8	26.1	ND<0.193	32.9	88.9	ND<0.963	ND<1.25	ND<1.06	35.5	84.2	0.2	0.086	EBMUD
1	2609 @ 8'	2.32	83.5	0.301	0.112	4.78	44.1	12.1	2.67	29.5	7.62	ND<0.929	ND<1.21	ND<1.02	38.1	32.8	0.037	0.04	EBMUD
1	2909 @ 7'	2.83	50.7	0.356	0.089	6.32	50.4	17.1	ND<0.18	33.7	18.2	ND<0.899	ND<1.17	ND<0.989	37.7	37.6	0.16	0.089	EBMUD
1	2909 @ 10'	1.36	272	0.522	ND<0.0794	3.5	40.8	13.4	0.201	27.9	2.65	ND<0.882	ND<1.15	ND<0.97	26.2	27.4	0.027	0.017	EBMUD
1	3009 @ 7'	2.08	52.3	0.313	0.131	6.59	39.7	12	ND<0.156	34	12.6	ND<0.778	ND<1.01	ND<0.885	31.0	42.8	0.23	0.065	EBMUD
1	3009 @ 10'	14.5	339	0.422	0.397	27.4	35.4	6.63	0.433	48.6	3.9	ND<0.921	ND<1.20	ND<1.01	32.1	24	0.028	0.065	EBMUD
1	3109 @ 8'	ND<0.958	833	0.434	ND<0.0862	3.94	45.8	12.1	1.44	34.1	4	ND<0.958	ND<1.25	ND<1.05	37.2	29.6	0.027	0.019	EBMUD
1	3109 @ 12'	ND<1.0	84	0.244	0.126	3.61	29.5	6.86	ND<0.201	22.4	4.11	1.42	ND<1.31	ND<1.1	19	17.8	0.035	0.059	EBMUD
2	3209 @ 8'	3.12	69.6	0.235	0.258	7.14	33.4	12.2	ND<0.186	24.3	19.9	ND<0.931	ND<1.21	ND<1.21	25.2	43.7	0.45	0.049	EBMUD
2	3309 @ 8'	1.3	105	0.269	0.112	5.59	39.5	7.93	ND<0.193	19.4	3.81	ND<0.963	ND<1.25	ND<1.06	27.3	23.5	0.038	0.025	EBMUD
2	3409 @ 5'	1.3	39.7	0.368	ND<0.081	7.62	68.4 (d)	21.9	ND<0.181	41.1	8.6	ND<0.904	ND<1.18	ND<0.995	55.6	55.1	0.081	0.067	EBMUD
2	3409 @ 8'	1.78	50.7	0.223	ND<0.06	5.66	36.6	7.26	0.566	19.6	3.7	ND<0.673	ND<0.875	ND<0.74	26.4	19.5	0.038	0.021	EBMUD
2	3509 @ 5'	8.1	50.7	0.34	0.2	7.78	62.6 (e)	24.4	0.432	40.6	19.1	ND<0.945	ND<1.23	ND<1.04	52.8	68.9	0.16	0.063	EBMUD
2	3509 @ 8'	7.82	154	0.363	0.248	5.5	32.2	8.64	0.439	28.2	3.36	ND<0.912	ND<1.19	ND<1.0	30.2	26.5	0.032	0.061	EBMUD
2	3609 @ 8'	1.21	84.1	0.223	0.184	6.28	34.9	7.85	ND<0.18	19.2	14.2	ND<0.898	ND<1.17	ND<0.987	24.4	27.2	0.055	0.031	EBMUD
2	3709 @ 8'	5.24	258	0.563	0.234	9.68	45.5	14.7	ND<0.2	55.6	4.2	ND<0.998	ND<1.3	ND<1.1	41.2	40	0.043	0.16	EBMUD
2	3809 @ 5'	5.02	74.1	0.365	0.11	7.26	58.7 (f)	22.2	0.514	39.9	20.3	ND<0.909	ND<1.18	ND<1.0	48.7	48	0.13	0.057	EBMUD
2	3809 @ 8'	1.21	87.5	0.2	0.219	7	32.2	7.45	ND<0.184	24.6	3.47	ND<0.919	ND<1.19	ND<1.01	22.6	26	0.038	0.029	EBMUD
Max Soil Concentrations		14.50	833.00	0.56	0.40	27.40	68.40	26.10	2.67	55.60	88.90	1.42	0.00	0.00	55.60	84.20	0.45	0.16	

SOIL LOOK UP TABLE AND REGULATORY LIMITS
EBMUD Adeline Maintenance Center
Oakland, California
Alisto Project No. 10-654-39

	Arsenic	Barium	Beryllium	Cadmium	Cobalt	Chromium	Copper	Molybdenum	Nickel	Lead	Antimony	Selenium	Thallium	Vanadium	Zinc	Mercury	Silver	
Toxicity Characteristics for																		
Title 22, 10XSTLC (mg/L)	50	1,000	8	10	800	50	250	3,500	200	50	150	10	70	240	2,500	2	50	
Title 22 TTLC (mg/kg)	500	10,000	75	100	8,000	500	2,500	3,500	2,000	1,000	500	100	700	2,400	5,000	20	500	
CA Human Health Screen Levels																		
Commercial / Industrial Land Use	0.24 ^A	63,000	1700 ^B	7.5	3,200.0	37	38,000	4,800	16,000	3,500	380	4,800	63	6,700	100,000	180	4,800	
Environmental Screening Levels																		
Shallow Soil for Industrial sites	5.5	1500	8	7.4	80	1.8 ^C	2300	40	150	750	40	10	13	200	600	10	40	
Groundwater <3m																		

Notes:

TTLC: Total Threshold Limit Concentration

STLC: Soluble Threshold Limit Concentration

A) Alternative screen value, Ambient background

B) Beryllium compounds such as beryllium oxide or beryllium sulfate are more toxic. See STLC

C) Total Chromium ESL value 58 mg/kg

 = Exceeds environmental screening levels

(d) WET test result 871 ug/L

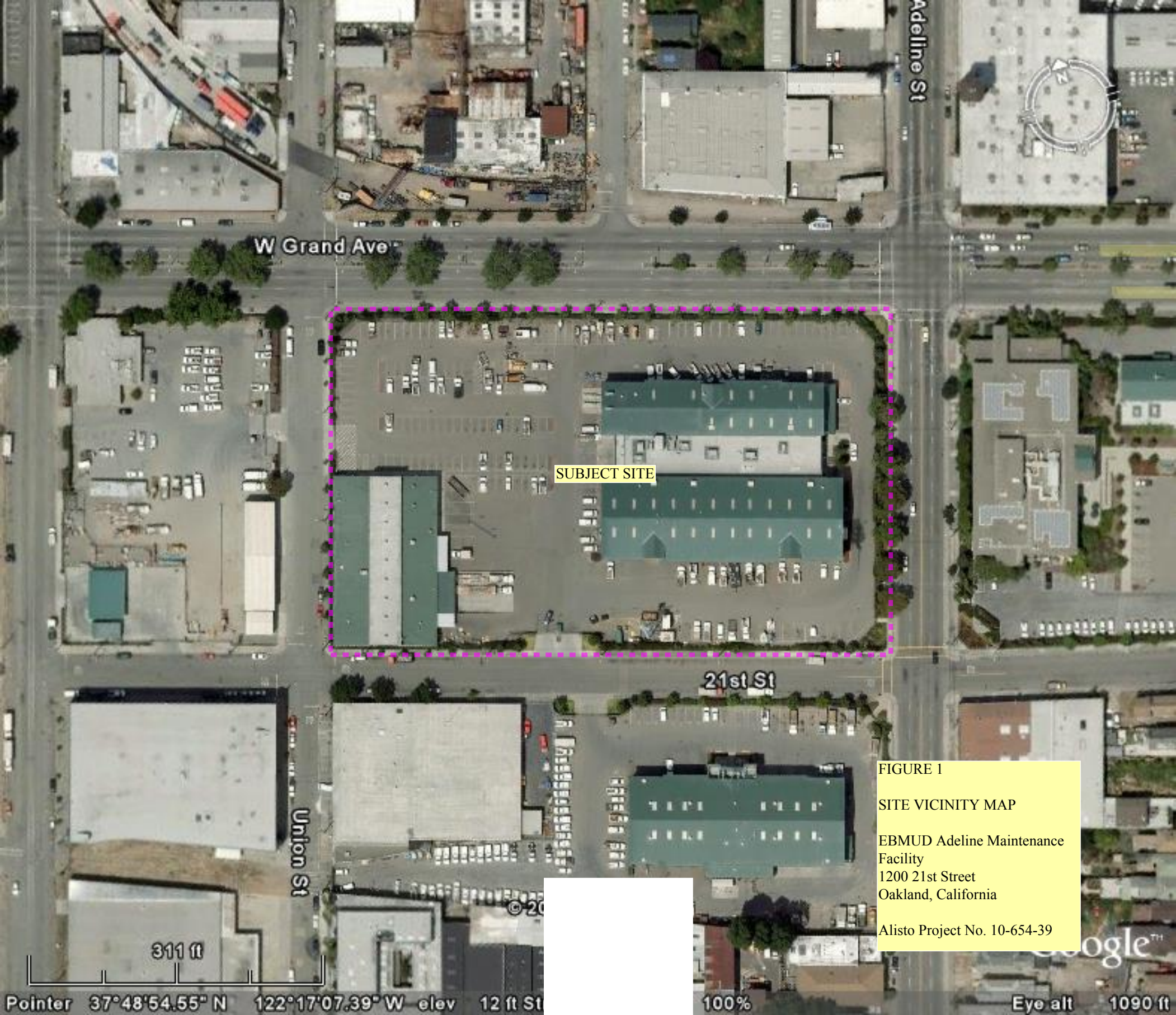
(e) WET test result 784 ug/L

(f) WET test result 766 ug/L

TABLE 5 - GROUNDWATER ANALYTICAL DATA: CAM 17 METALS
EBMUD Adeline Maintenance Facility
Oakland, California
Alisto Project No. 10-654-39

AOC	Sample ID	Arsenic	Barium	Beryllium	Cadmium	Cobalt	Chromium	Copper	Molybdenum	Nickel	Lead	Antimony	Selenium	Thallium	Vanadium	Zinc	Mercury	Silver	LAB
3	0109	ND<12.1	716	ND<0.55	ND<0.99	10.5	79.7	22	7.47	52	ND<5.5	ND<13.2	ND<9.9	ND<14.3	55.1	61.9	0.11	0.09	EBMUD
3	0309	66	3870	3.91	2.66	85.3	606	132	ND<2.2	414	40.5	ND<13.2	ND<9.9	ND<14.3	452	325	0.29	0.58	EBMUD
3	0509	ND<12.1	690	ND<0.55	ND<0.99	4.07	29.2	5.72	10	21.1	ND<5.5	ND<13.2	ND<9.9	ND<14.3	14.4	12.8	0.036	0.06	EBMUD
3	0809	ND<12.1	729	ND<0.55	ND<0.99	1.18	14.4	5.7	2.57	11.4	ND<5.5	ND<13.2	ND<9.9	ND<14.3	7.52	13.7	0.024	0.041	EBMUD
3	0909	ND<12.1	392	ND<0.55	ND<0.99	ND<1.1	7.98	ND<3.3	4.54	6.09	ND<5.5	ND<13.2	ND<9.9	ND<14.3	ND<4.4	ND<4.4	0.023	ND<0.04	EBMUD
2	1109	ND<12.1	227	ND<0.55	1.12	1.5	ND<3.3	ND<3.3	6.25	8.29	ND<5.5	ND<13.2	ND<9.9	ND<14.3	ND<4.4	ND<4.4	ND<0.02	ND<0.4	EBMUD
2	1209	12.2	459	ND<0.55	2.33	16.5	86.4	32	8.89	77.8	7.51	ND<13.2	ND<9.9	ND<14.3	64.6	52.3	0.089	0.16	EBMUD
2	1309	ND<12.1	261	ND<0.55	ND<0.99	3.52	8.07	ND<3.3	12.9	12.2	ND<5.5	ND<13.2	ND<9.9	ND<14.3	ND<4.4	6.66	ND<0.02	ND<0.4	EBMUD
2	1409	ND<12.1	224	ND<0.55	ND<0.99	15.5	42.6	28.6	11.8	36.2	25.4	ND<13.2	ND<9.9	ND<14.3	28.1	76.6	0.12	0.06	EBMUD
2	1509	18	3770	2.75	2.55	100	370.0	77.3	6.49	384	32.5	ND<13.2	ND<9.9	ND<14.3	311	207	0.26	0.34	EBMUD
California Primary MCL		50.0	1,000.0	4.00	5.00	50 (a)	50.0	1,300.0	10 (a)	100.0	15.00	6.00	50.00	2.00	100 (a)	5,000.00	2.00	100.00	
Exceedance of MCL																			
Results reported in micrograms per liter																			
(a) Water Quality for Agriculture																			
(b) CA Secondary MCL																			

FIGURES



W Grand Ave

Adeline St

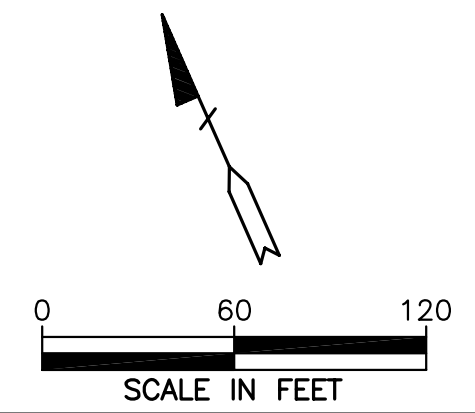
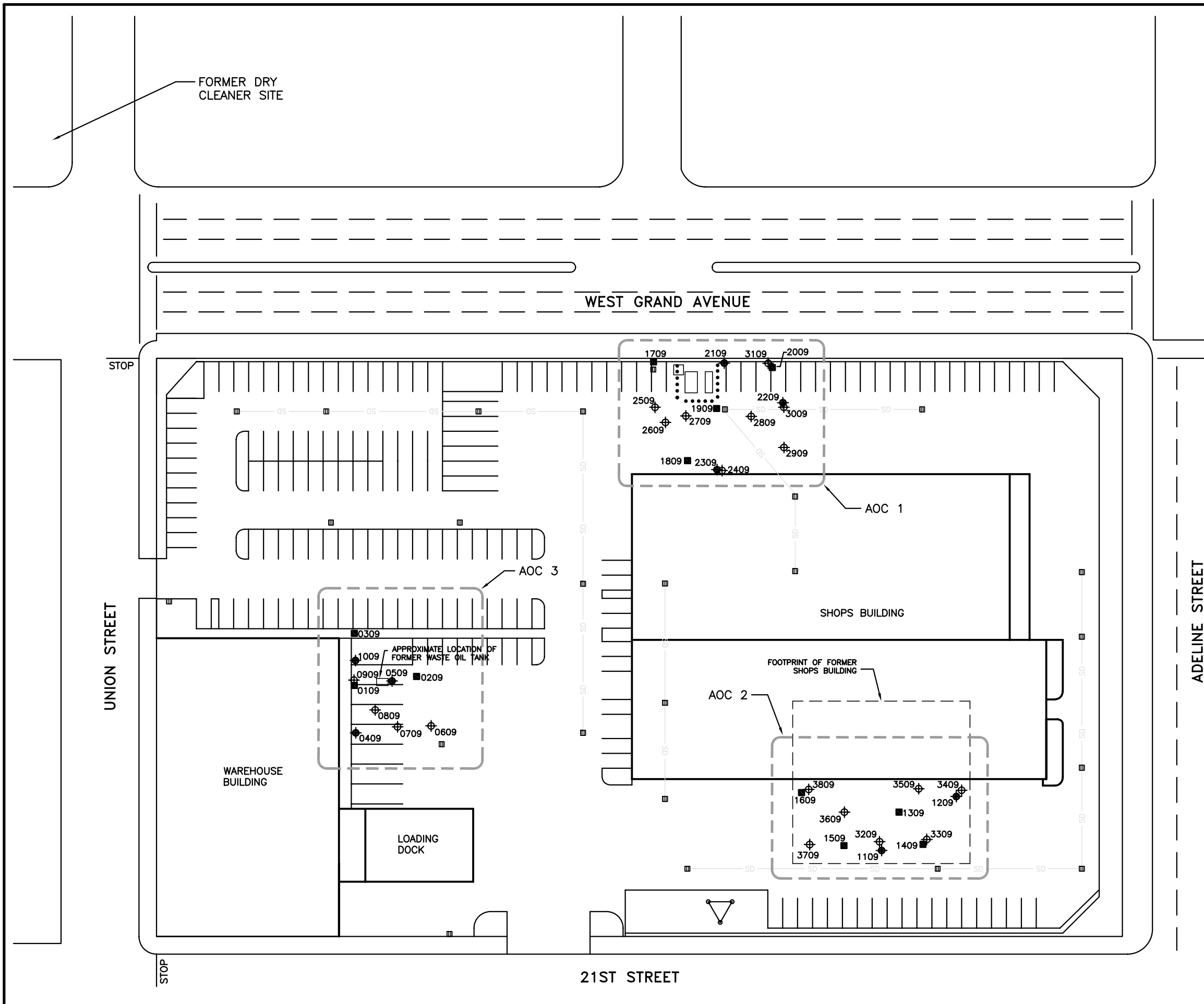
SUBJECT SITE

21st St

Union St

311 ft

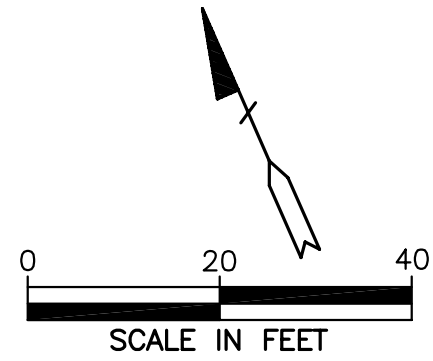
FIGURE 1
SITE VICINITY MAP
EBMUD Adeline Maintenance Facility
1200 21st Street
Oakland, California
Alisto Project No. 10-654-39



- LEGEND**
- ◆ MIP BORING
 - ⊕ SOIL BORING
 - HPT BORING
 - - - AREA OF CONCERN (AOC)
 - ▣ CATCH BASIN

FIGURE 2
SITE PLAN
 EAST BAY MUNICIPAL UTILITY DISTRICT
 ADELINE MAINTENANCE FACILITY
 1200 21ST STREET, OAKLAND
 PROJECT NO. 10-654-39

WEST GRAND AVENUE



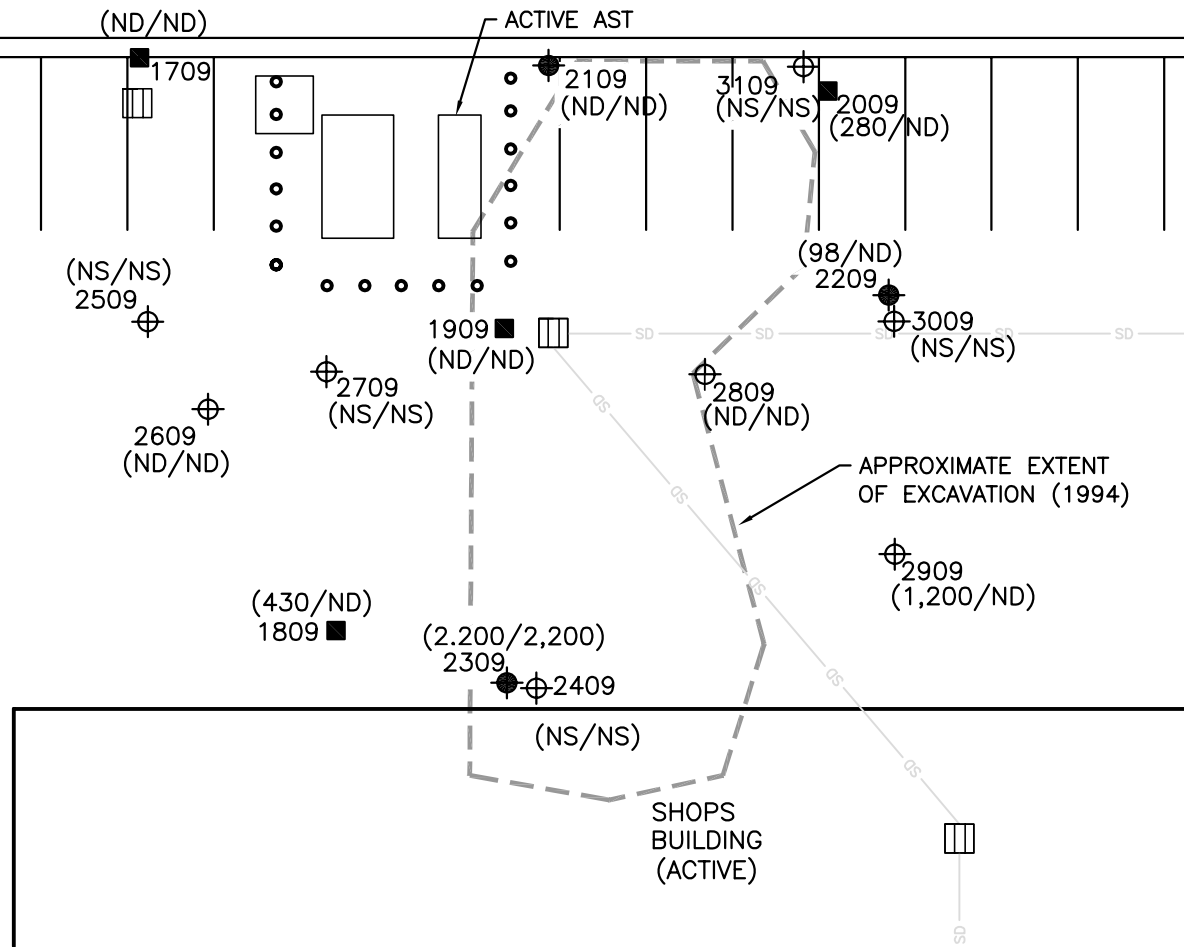
LEGEND

- MIP BORING
- ⊕ SOIL BORING
- HPT BORING
- ▤ CATCH BASIN
- 2,200/2,200 TPH-D/TPH-MO CONCENTRATION IN $\mu\text{g/L}$
- ND NOT DETECTED AT LAB REPORTING LIMIT
- NS NOT SAMPLED

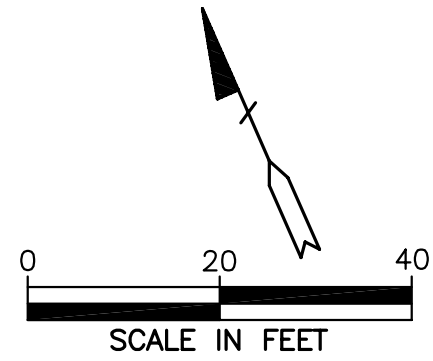
FIGURE 3
AREA OF CONCERN 1
 CONCENTRATION OF TPH-D & TPH-MO IN GRAB WATER SAMPLES MARCH 2009

EAST BAY MUNICIPAL UTILITY DISTRICT
 ADELINE MAINTENANCE FACILITY
 1200 21ST STREET, OAKLAND

PROJECT NO. 10-654-39



WEST GRAND AVENUE



LEGEND

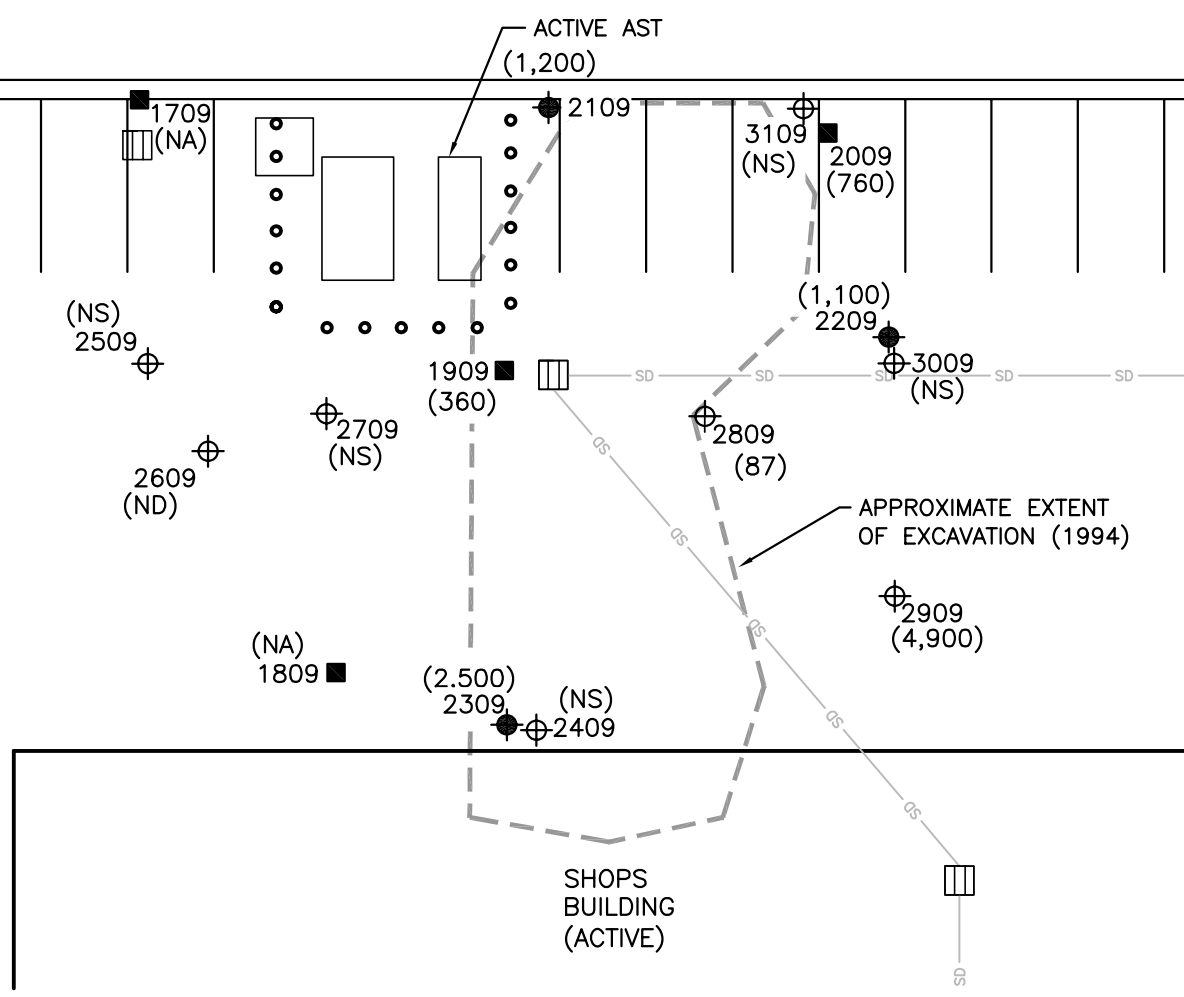
- ◆ MIP BORING
- ⊕ SOIL BORING
- HPT BORING
- ▤ CATCH BASIN
- (1,100) TPH-G CONCENTRATION IN $\mu\text{g/L}$
- (ND) NOT DETECTED AT LAB REPORTING LIMIT
- (NS) NOT SAMPLED
- (NA) SAMPLE NOT ANALYZED

FIGURE 4
AREA OF CONCERN 1

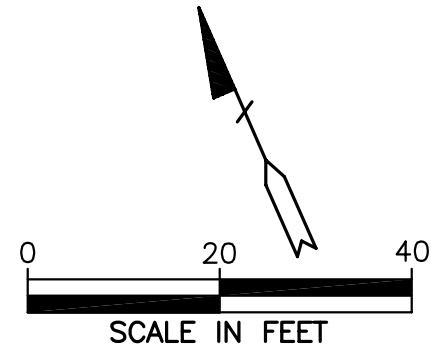
CONCENTRATION OF TPH-G IN
GRAB WATER SAMPLES
MARCH 2009

EAST BAY MUNICIPAL UTILITY DISTRICT
ADELINE MAINTENANCE FACILITY
1200 21ST STREET, OAKLAND

PROJECT NO. 10-654-39



WEST GRAND AVENUE



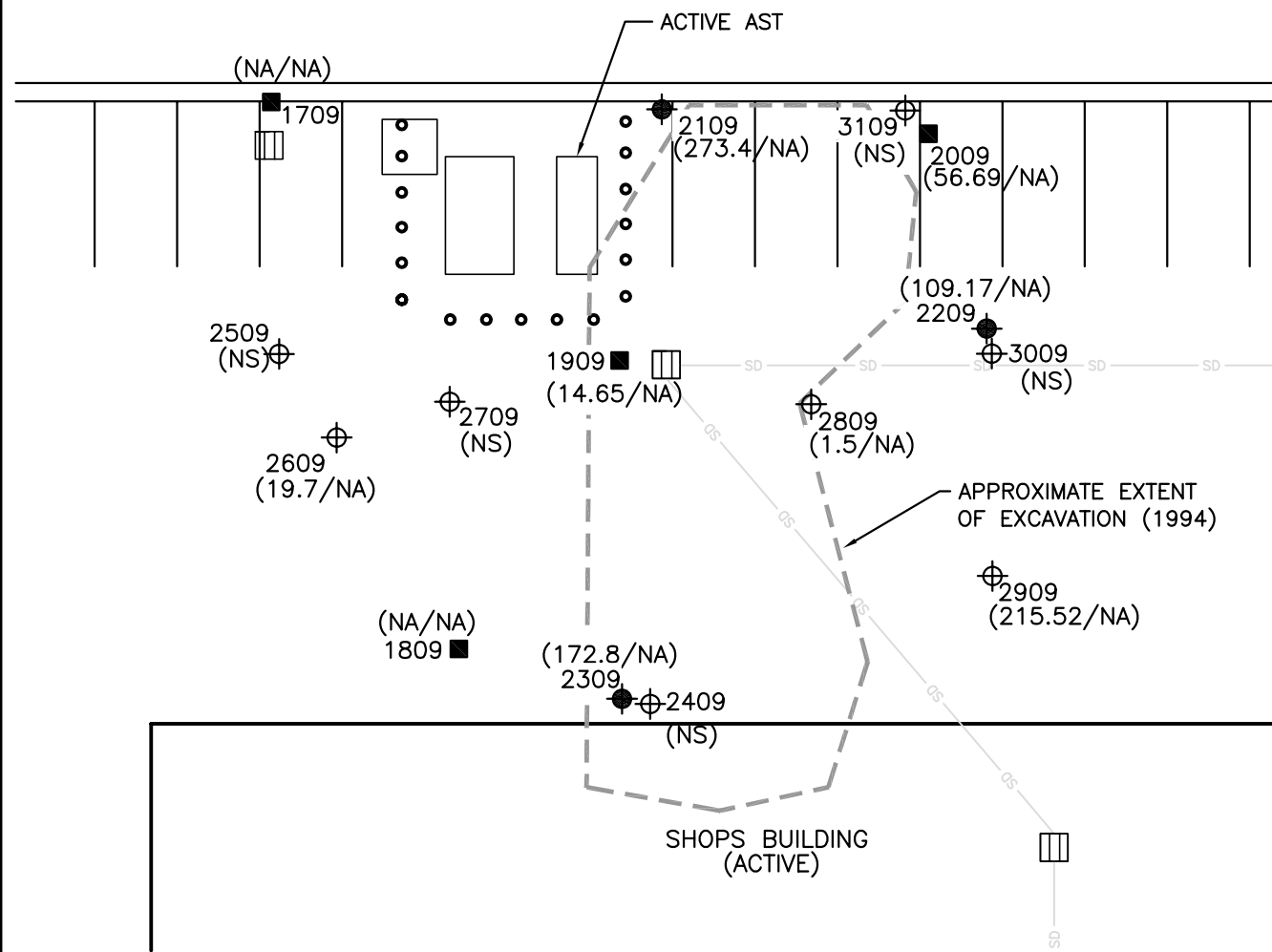
LEGEND

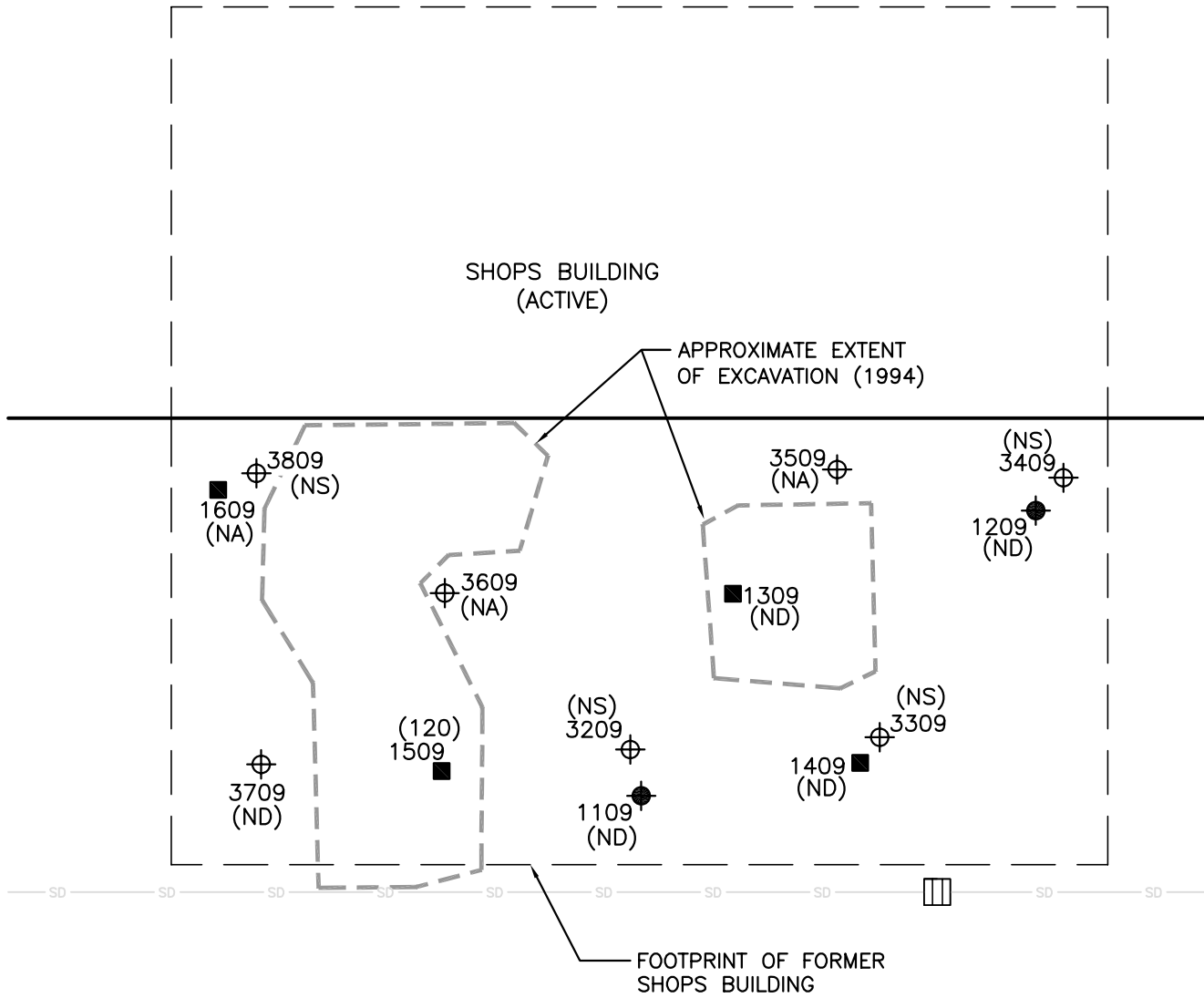
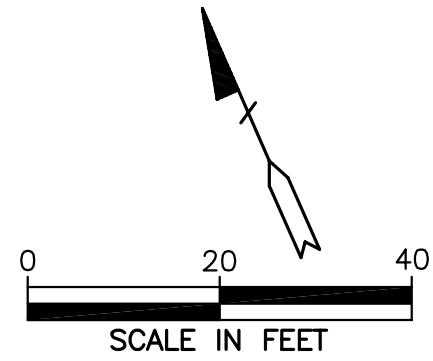
- ◆ MIP BORING
- ⊕ SOIL BORING
- HPT BORING
- ▤ CATCH BASIN
- 100/100 TOTAL VOC/TOTAL SVOC CONCENTRATION IN MICROGRAMS/LITER (μg/L)
- NA SAMPLE NOT ANALYZED
- NS NOT SAMPLED

FIGURE 5
AREA OF CONCERN 1
CONCENTRATION OF TOTAL VOCs & SVOCs
IN GRAB WATER SAMPLES
MARCH 2009

EAST BAY MUNICIPAL UTILITY DISTRICT
ADELINE MAINTENANCE FACILITY
1200 21ST STREET, OAKLAND

PROJECT NO. 10-654-39





LEGEND

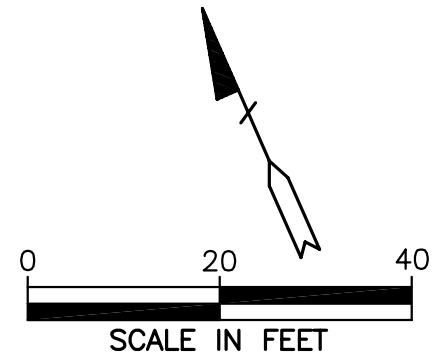
- ◆ MIP BORING
- ⊕ SOIL BORING
- HPT BORING
- ▤ CATCH BASIN
- (1,100) TPH-G CONCENTRATION IN $\mu\text{g/L}$
- (ND) NOT DETECTED AT LAB REPORTING LIMIT
- (NS) NOT SAMPLED
- (NA) SAMPLE NOT ANALYZED

**FIGURE 7
AREA OF CONCERN 2**

**CONCENTRATION OF TPH-G IN
GRAB WATER SAMPLES
MARCH 2009**

**EAST BAY MUNICIPAL UTILITY DISTRICT
ADELINE MAINTENANCE FACILITY
1200 21ST STREET, OAKLAND**

PROJECT NO. 10-654-39



LEGEND

- ◆ MIP BORING
- ⊕ SOIL BORING
- HPT BORING
- ▤ CATCH BASIN
- (2,300) TPH-D CONCENTRATION IN $\mu\text{g/L}$
- (ND) NOT DETECTED AT LAB REPORTING LIMIT

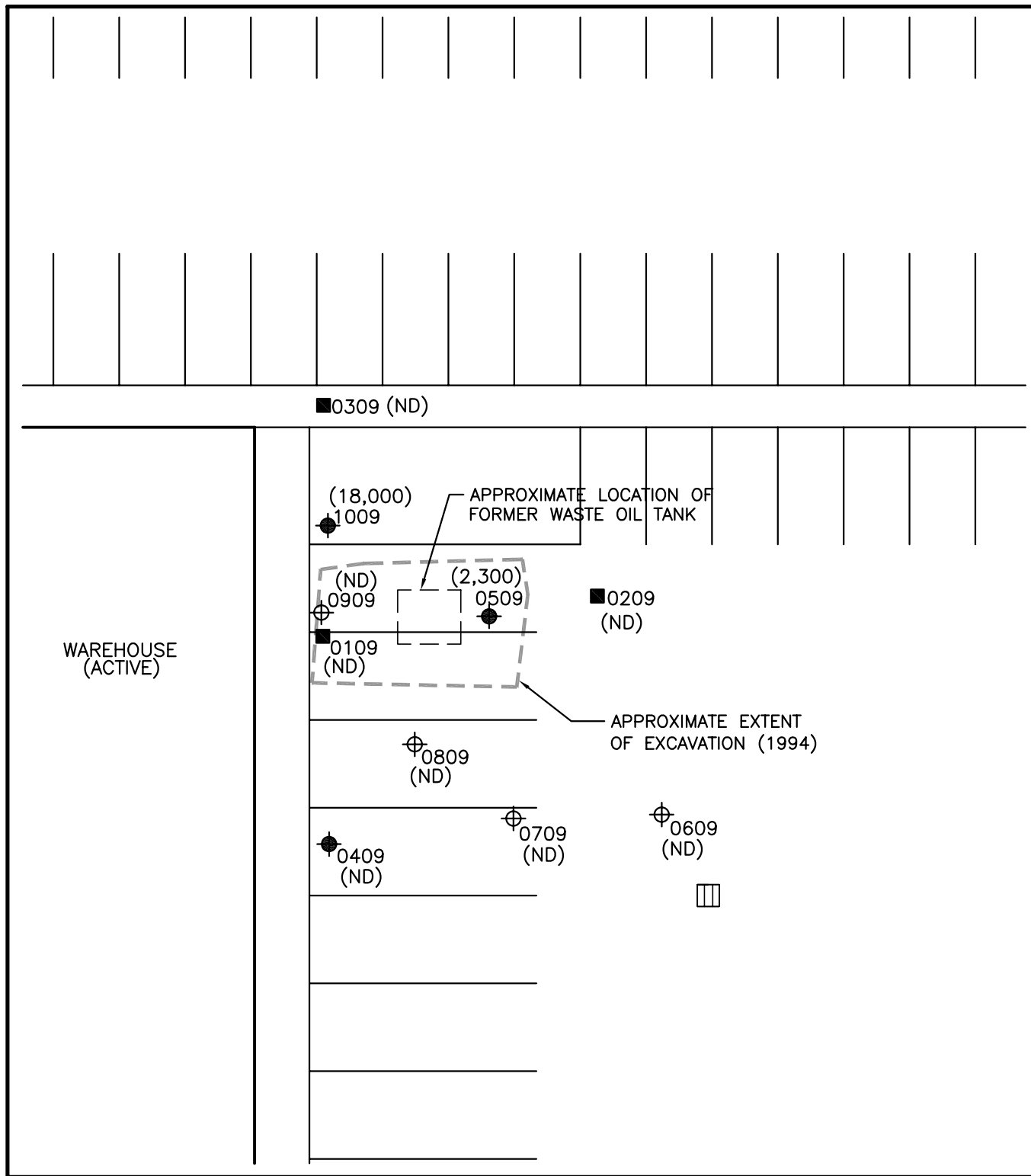
FIGURE 9

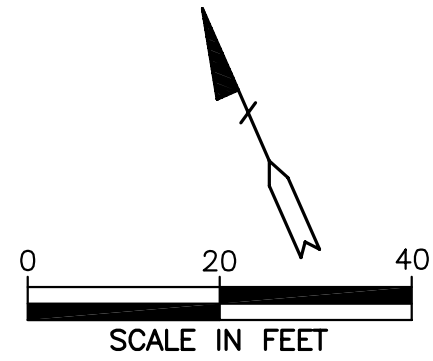
AREA OF CONCERN 3

CONCENTRATION OF TPH-D IN GRAB WATER SAMPLES MARCH 2009

EAST BAY MUNICIPAL UTILITY DISTRICT
ADELINE MAINTENANCE FACILITY
1200 21ST STREET, OAKLAND

PROJECT NO. 10-654-39





LEGEND

- MIP BORING
- ⊕ SOIL BORING
- HPT BORING
- ▤ CATCH BASIN
- (2,200) TPH-MO CONCENTRATION IN $\mu\text{g/L}$
- (ND) NOT DETECTED AT LAB REPORTING LIMIT

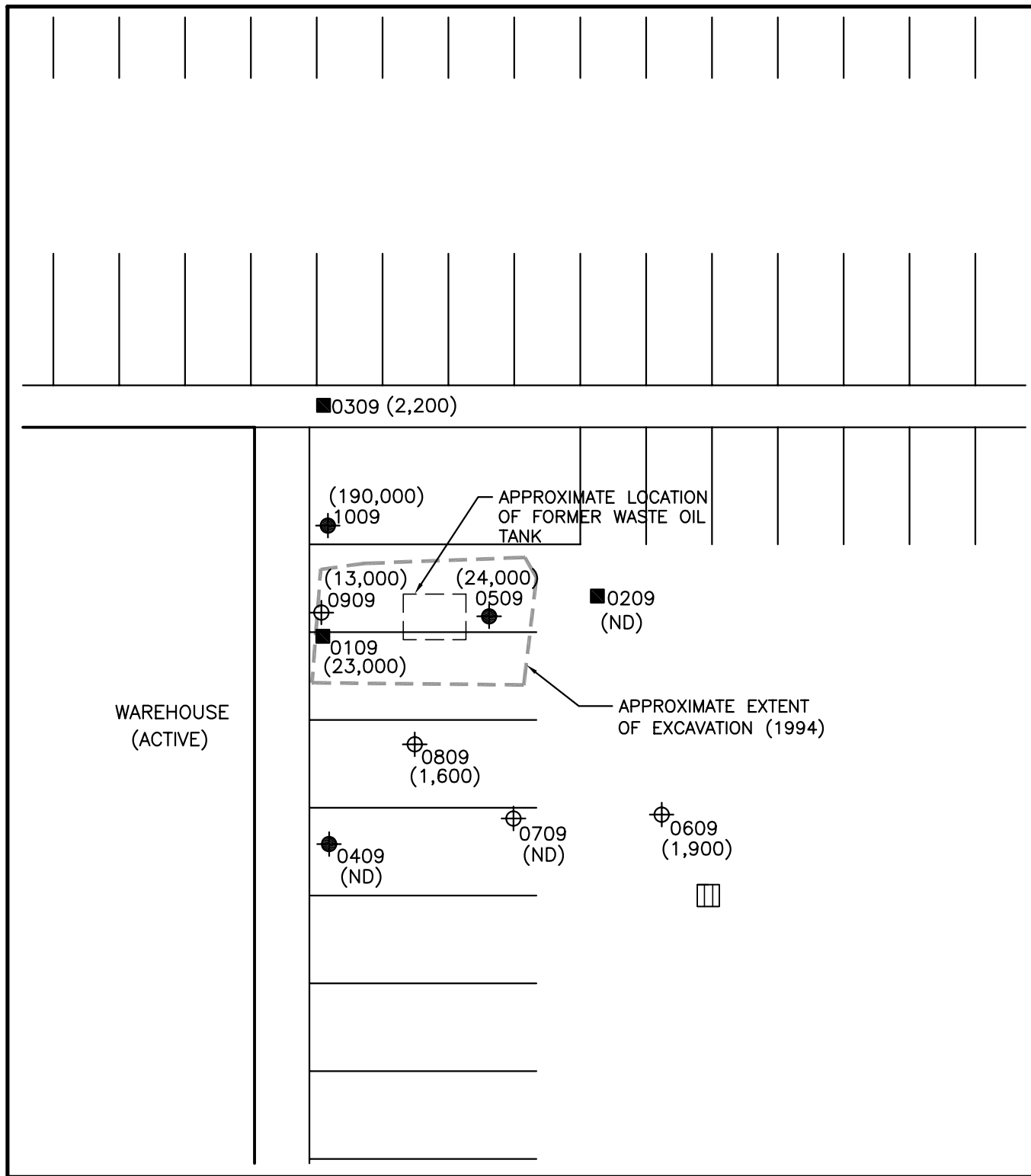
FIGURE 10

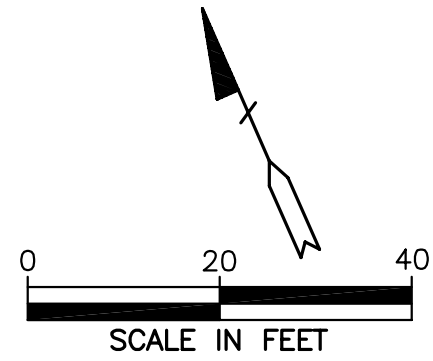
AREA OF CONCERN 3

CONCENTRATION OF TPH-MO IN GRAB WATER SAMPLES MARCH 2009

EAST BAY MUNICIPAL UTILITY DISTRICT
ADELINE MAINTENANCE FACILITY
1200 21ST STREET, OAKLAND

PROJECT NO. 10-654-39





LEGEND

- MIP BORING
- ⊕ SOIL BORING
- HPT BORING
- ▤ CATCH BASIN
- (140) TPH-G CONCENTRATION IN $\mu\text{g/L}$
- (ND) NOT DETECTED AT LAB REPORTING LIMIT
- (NS) NOT SAMPLED
- (NA) SAMPLE NOT ANALYZED

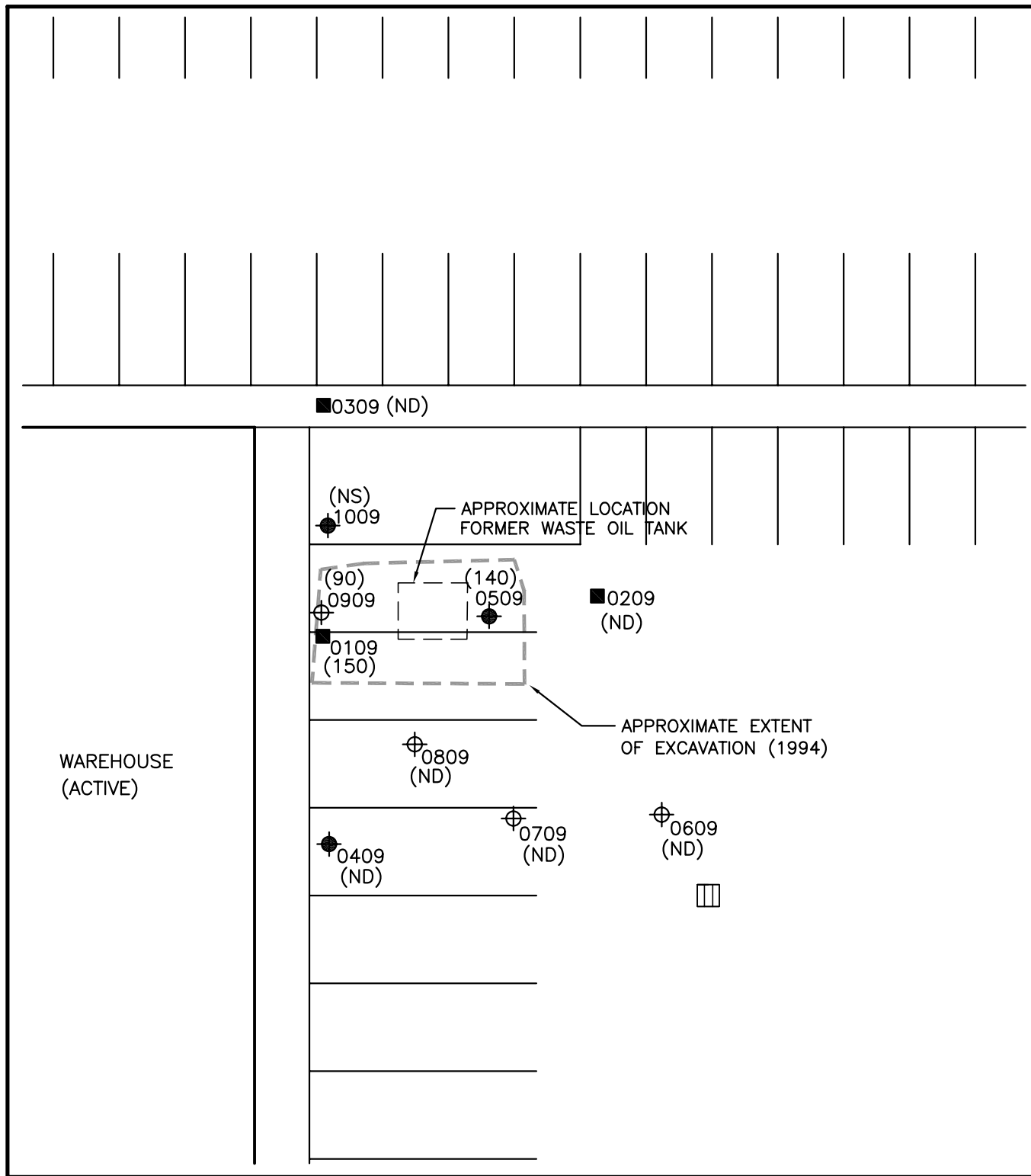
FIGURE 11

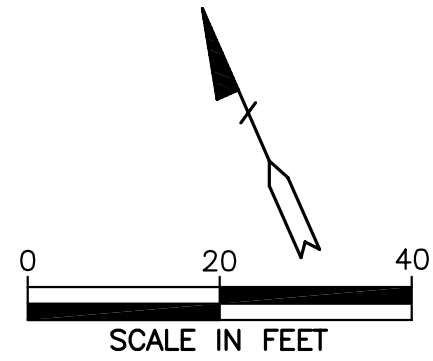
AREA OF CONCERN 3

CONCENTRATION OF TPH-G IN GRAB WATER SAMPLES MARCH 2009

EAST BAY MUNICIPAL UTILITY DISTRICT
ADELINE MAINTENANCE FACILITY
1200 21ST STREET, OAKLAND

PROJECT NO. 10-654-39





LEGEND

- MIP BORING
- ⊕ SOIL BORING
- HPT BORING
- ▤ CATCH BASIN
- 190.7/9.4 TOTAL VOC/TOTAL SVOC CONCENTRATION IN MICROGRAMS/LITER (μg/L)
- NS NOT SAMPLED
- NA SAMPLE NOT ANALYZED

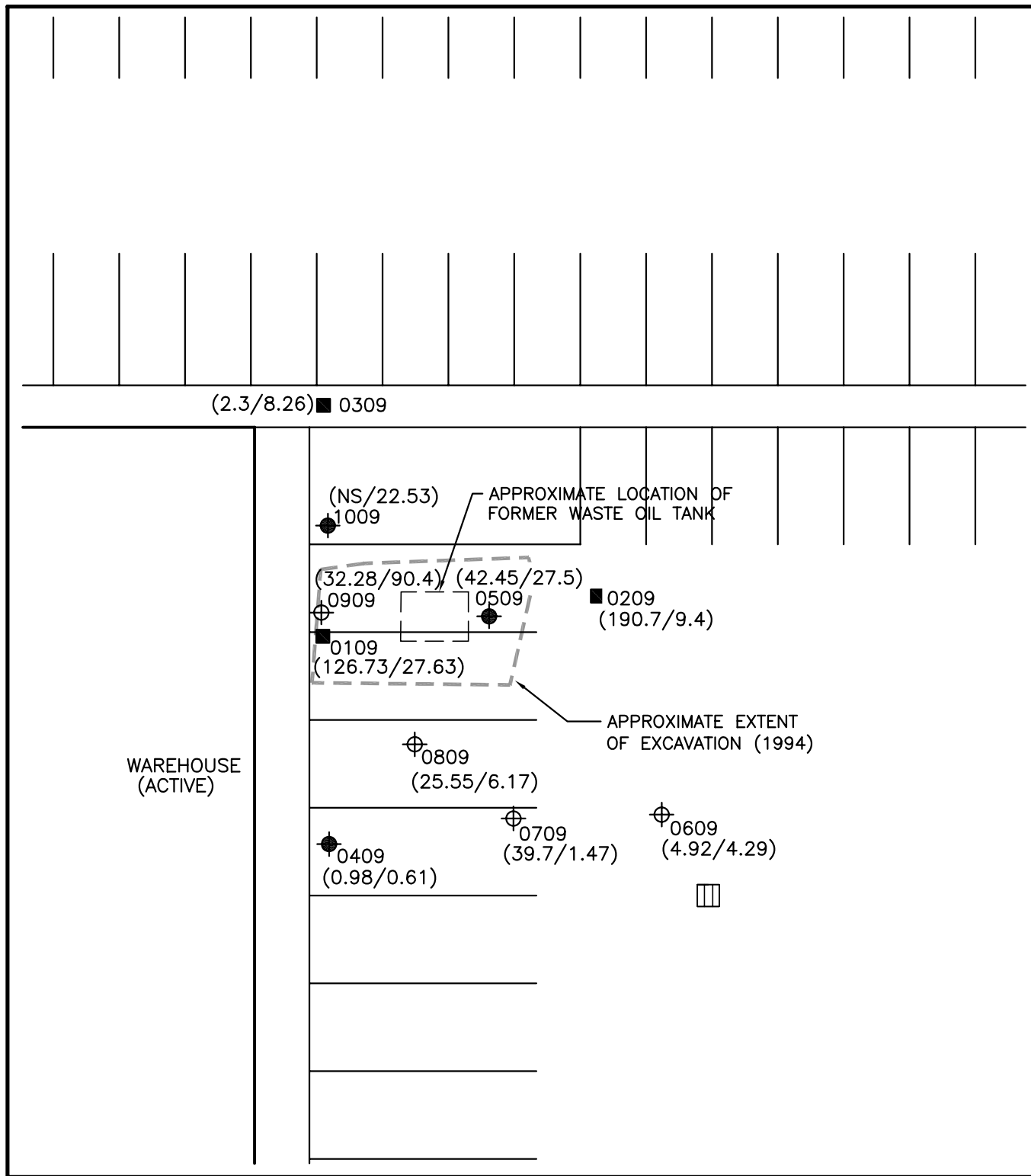
FIGURE 12

AREA OF CONCERN 3

CONCENTRATION OF VOCs & SVOCs IN GRAB WATER SAMPLES MARCH 2009

EAST BAY MUNICIPAL UTILITY DISTRICT
ADELINE MAINTENANCE FACILITY
1200 21ST STREET, OAKLAND

PROJECT NO. 10-654-39



APPENDIX A
PERMITS

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 03/19/2009 By jamesy

Permit Numbers: W2009-0243
Permits Valid from 03/23/2009 to 03/27/2009

Application Id: 1237400988788
Site Location: EDMUD Adeline Mtc. Facility, 1200 21st St, Oakland, CA
Project Start Date: 03/23/2009
Assigned Inspector: Contact John Shouldice at (510) 670-5424 or johns@acpwa.org

City of Project Site:Oakland

Completion Date:03/27/2009

Applicant: ALISTO Engineering - Chris Reinheimer
2737 N Main #100, Walnut Creek, CA 94597

Phone: 925-279-5000

Property Owner: East Bay MUD
1200 21st St., Oakland, CA 94612

Phone: 510-287-1512

Client: ** same as Property Owner **

Receipt Number: WR2009-0106
Payer Name : Alisto Engineering

Total Due: \$230.00
Total Amount Paid: \$230.00
Paid By: CHECK PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Geotechnical Study/CPT's - 50 Boreholes
Driller: EnProb - Lic #: 777007 - Method: other

Work Total: \$230.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2009-0243	03/19/2009	06/21/2009	50	2.25 in.	25.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
5. Applicant shall contact John Shouldice for an inspection time at 510-670-5424 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

Alameda County Public Works Agency - Water Resources Well Permit

6. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

7. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

APPENDIX B
HPT/MIP DATALOGGER PRINTOUTS
And
BORING LOGS

Project Description

Project: EBMUD Adeline Maintenance Center - 1200 21st Street, Oakland, CA
Client: Mr. Chris Rheinheimer, Alisto Engineering, Walnut Creek, CA
Driller: Enprob Environmental Probing, Oroville, CA

Project Start Date: 3/23/2009
Project End Date: 3/26/2009

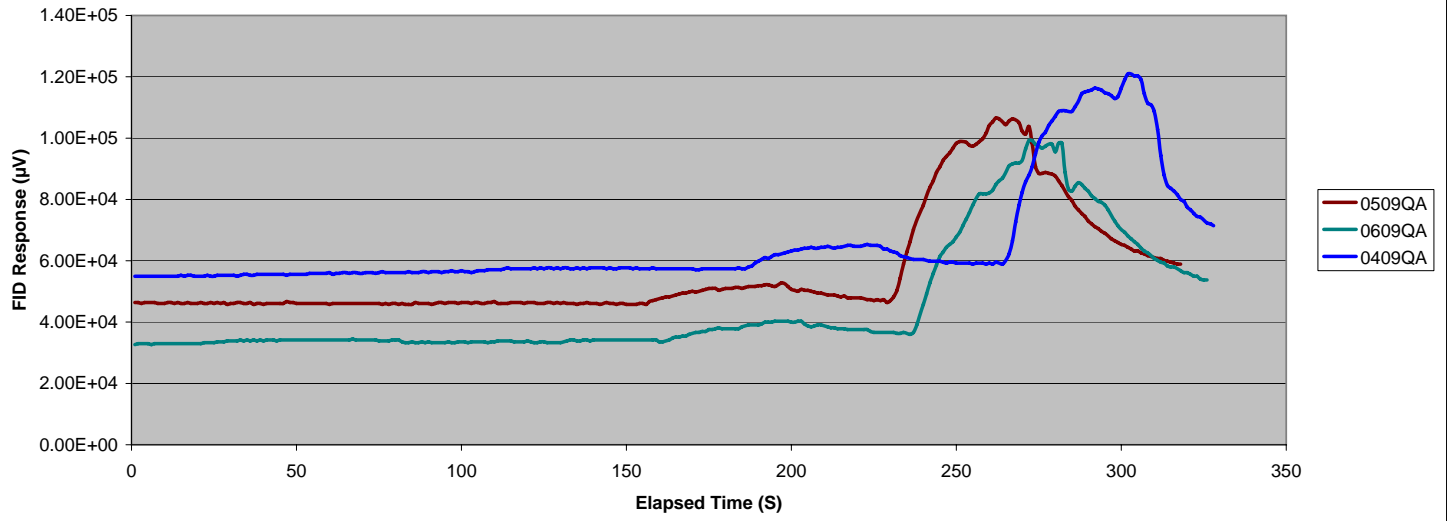
Project Summary

Log ID	Log Date	Start Time	End Time	Total Depth (ft bsg)	Notes:
0109	3/23/2009	9:02	9:55	25.65	HPT
0209	3/23/2009	10:01	10:55	25.60	HPT
0309	3/23/2009	11:02	11:45	26.20	HPT
0409	3/23/2009	12:39	13:04	24.35	MIP
0509	3/23/2009	13:20	14:59	24.55	MIP
1009	3/24/2009	11:00	11:22	20.05	MIP
1109	3/24/2009	13:44	14:12	24.45	MIP
1209	3/24/2009	15:46	16:22	25.20	MIP
1309	3/25/2009	10:05	10:38	25.35	HPT
1409	3/25/2009	10:39	11:12	25.30	HPT
1509	3/25/2009	11:16	11:46	25.60	HPT
1609	3/25/2009	11:51	12:27	25.50	HPT
1709	3/25/2009	12:32	13:50	25.30	HPT
1809	3/25/2009	13:59	14:32	25.20	HPT
1909	3/25/2009	14:37	15:11	25.50	HPT
2009	3/25/2009	15:22	15:50	25.20	HPT
2109	3/26/2009	8:13	8:36	20.35	MIP
2209	3/26/2009	9:14	9:42	20.15	MIP
2309	3/26/2009	10:48	11:11	20.15	MIP

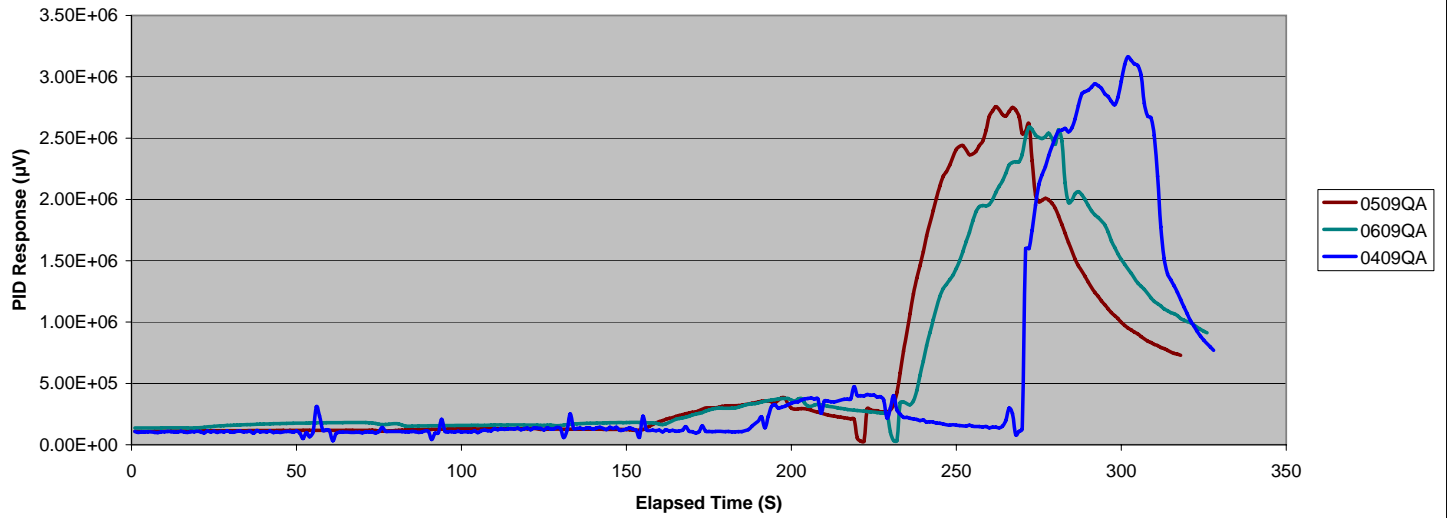
MIP QA/QC Summary

MIP Log ID	Log Date	Start Time	End Time	Standard Used	Detector	Average Baseline (µV)	1 PPM STD Response Max (µV)	10 PPM STD Response Max (µV)	100 PPM STD Response Max (µV)	Pressure (PSI)	Response Time (s)
0409QA	3/23/2009	12:22	12:27	Benzene	ECD	---	---	---	---	17.67	56
					FID	5.65E+04	5.80E+04	6.53E+04	1.21E+05		
					PID	1.15E+05	3.09E+05	4.74E+05	3.16E+06		
0509QA	3/23/2009	13:14	13:19	Benzene	ECD	---	---	---	---	17.73	56
					FID	4.62E+04	4.67E+04	5.28E+04	1.07E+05		
					PID	1.21E+05	1.51E+05	3.82E+05	2.76E+06		
0609QA	3/23/2009	15:09	15:14	Benzene	ECD	---	---	---	---	17.58	56
					FID	3.37E+04	3.45E+04	4.03E+04	9.92E+04		
					PID	1.61E+05	1.83E+05	3.78E+05	2.59E+06		
1009QA	3/24/2009	10:02	10:07	Benzene	ECD	---	---	---	---	17.87	56
					FID	2.73E+04	3.39E+04	3.69E+04	1.44E+05		
					PID	2.34E+05	4.48E+05	5.59E+05	4.66E+06		
1109QA	3/24/2009	12:09	12:14	Benzene	ECD	---	---	---	---	17.36	56
					FID	2.53E+04	3.69E+04	3.69E+04	2.59E+04		
					PID	1.67E+05	4.87E+05	4.87E+05	4.04E+06		
1209QA	3/24/2009	14:50	14:55	Benzene	ECD	---	---	---	---	17.91	56
					FID	2.09E+04	2.17E+04	3.24E+04	1.24E+05		
					PID	1.30E+05	1.40E+05	4.19E+05	3.20E+06		
1209QE	3/24/2009	16:35	16:40	Benzene	ECD	---	---	---	---	17.52	56
					FID	2.40E+04	3.60E+04	1.34E+05	1.63E+05		
					PID	1.45E+05	4.20E+05	3.06E+06	3.83E+06		
2109QA	3/26/2009	8:59	9:04	Benzene	ECD	---	---	---	---	17.49	58
					FID	2.85E+05	2.95E+05	3.21E+05	4.04E+05		
					PID	1.43E+06	2.42E+06	2.42E+06	7.21E+06		
2209QA	3/26/2009	9:01	9:07	Benzene	ECD	---	---	---	---	17.37	58
					FID	4.91E+04	1.54E+05	1.54E+05	1.54E+05		
					PID	6.03E+05	4.87E+06	4.87E+06	4.87E+06		
2309QA	3/26/2009	10:41	10:46	Benzene	ECD	---	---	---	---	17.34	58
					FID	3.71E+04	1.41E+05	1.41E+05	1.41E+05		
					PID	4.01E+05	3.99E+06	3.99E+06	3.99E+06		
2309QE	3/26/2009	12:39	12:45	Benzene	ECD	---	---	---	---	17.11	58
					FID	2.49E+04	3.79E+04	1.38E+05	1.38E+05		
					PID	2.42E+05	6.17E+05	4.00E+06	4.00E+06		

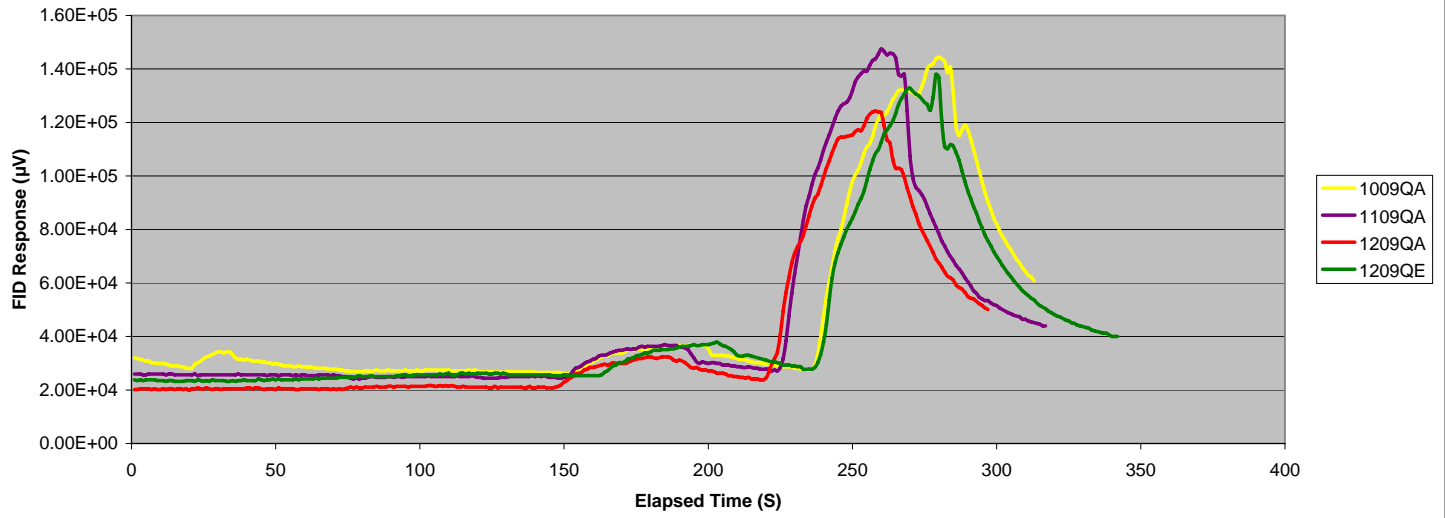
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03/23/2009



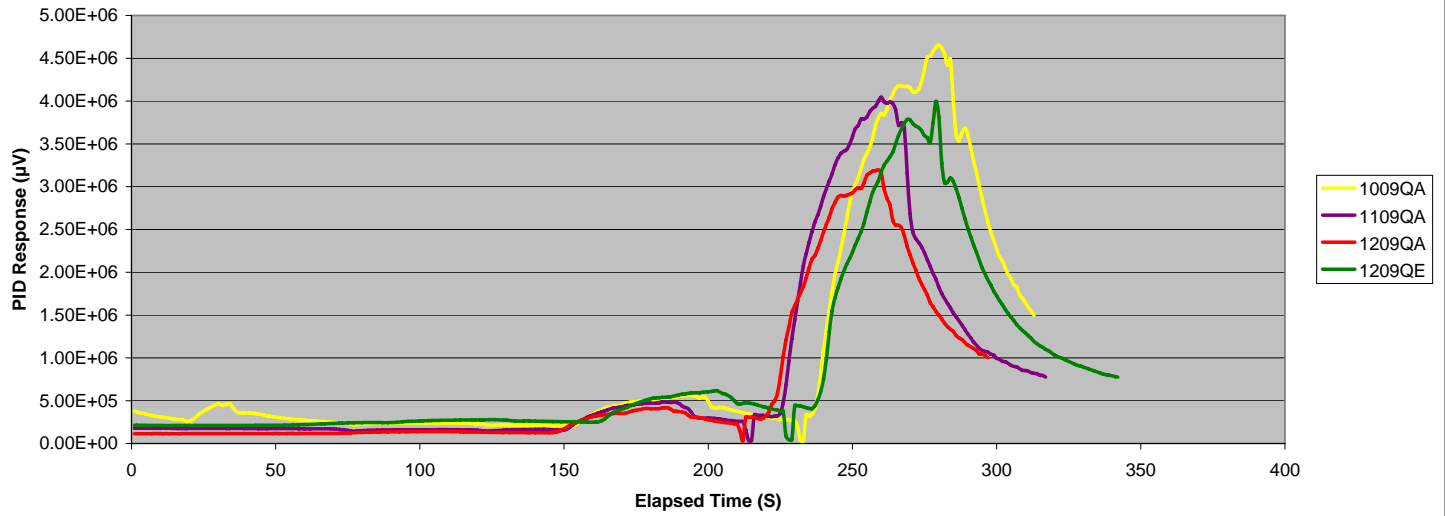
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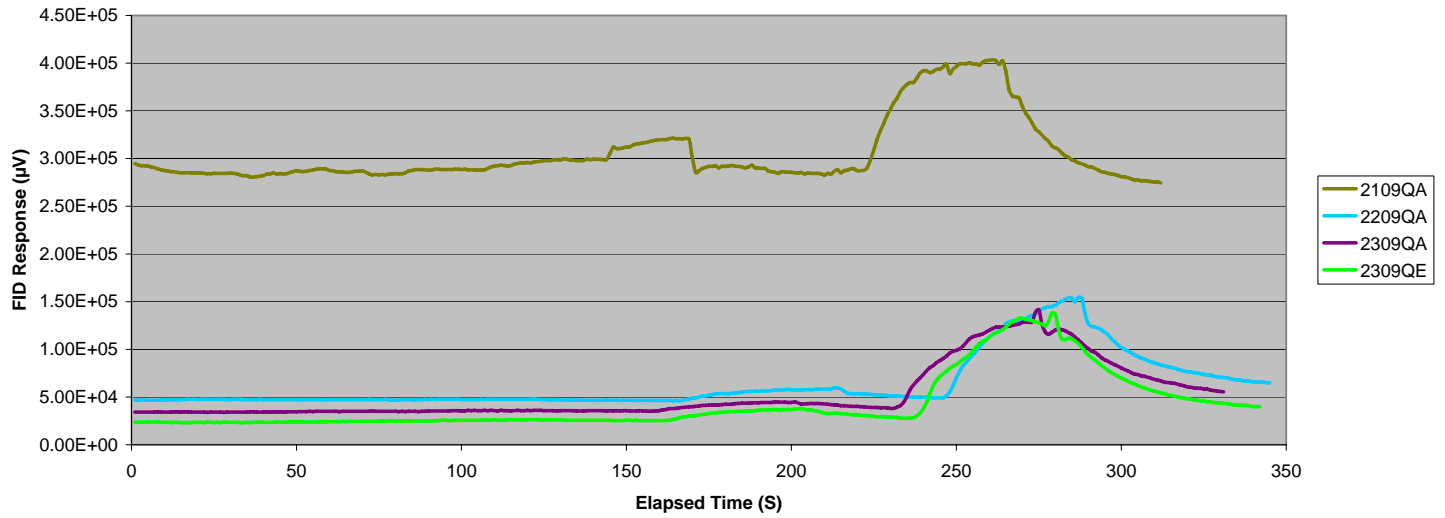
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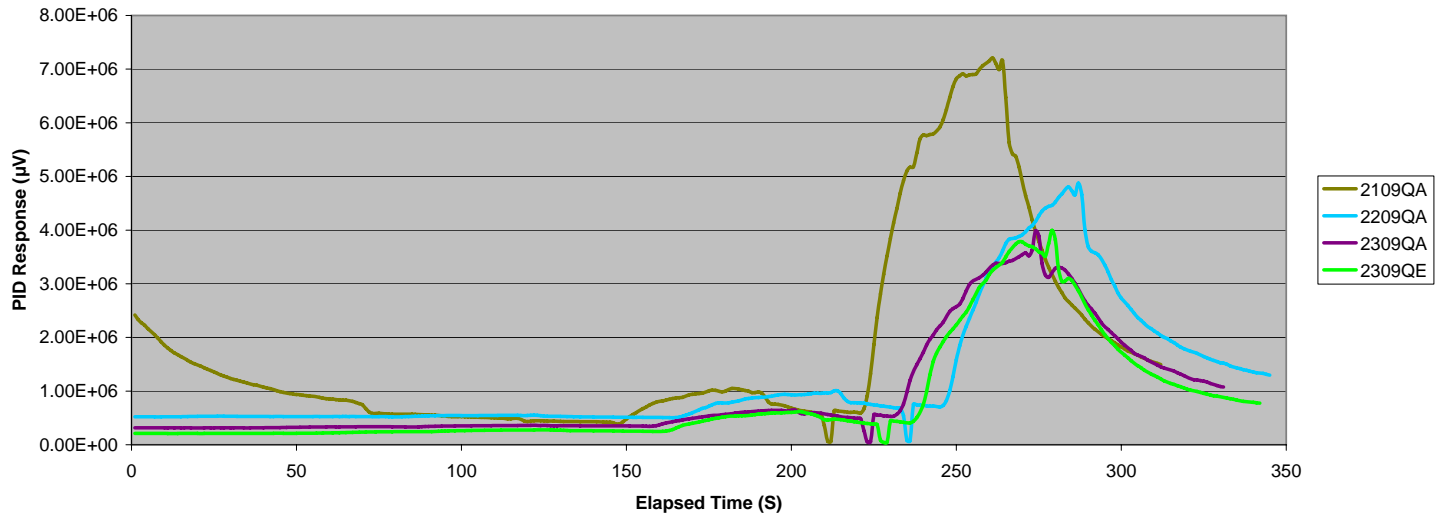
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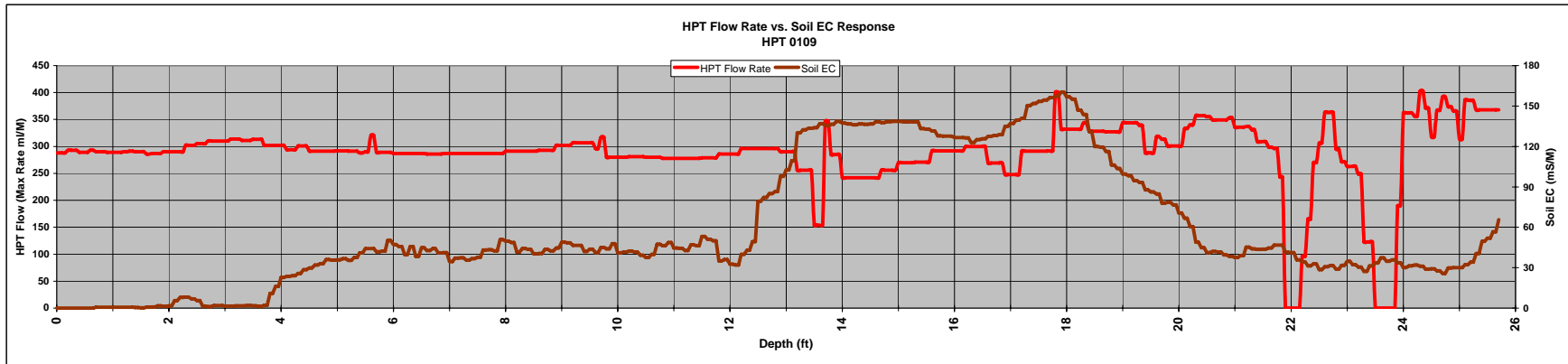
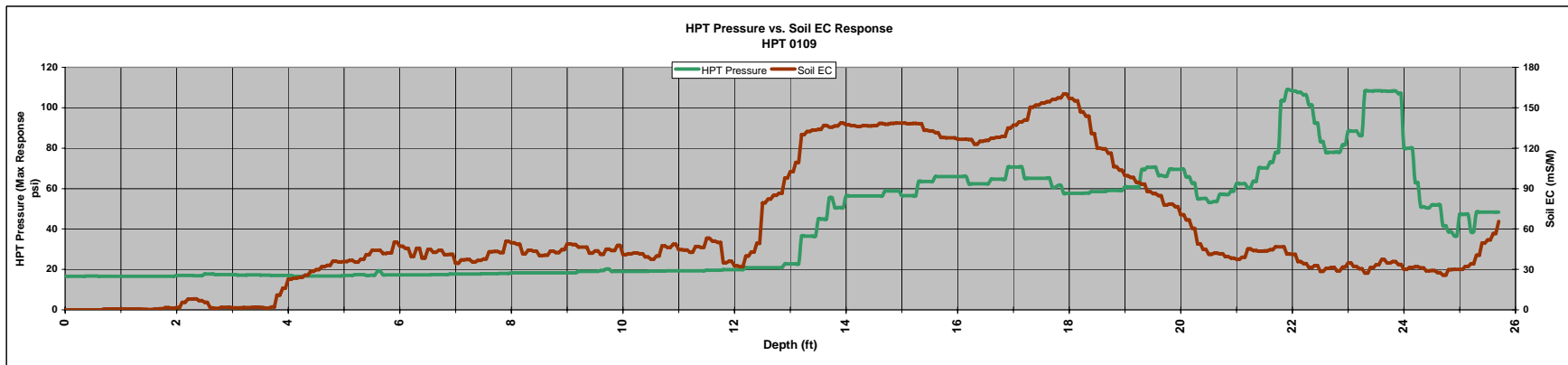


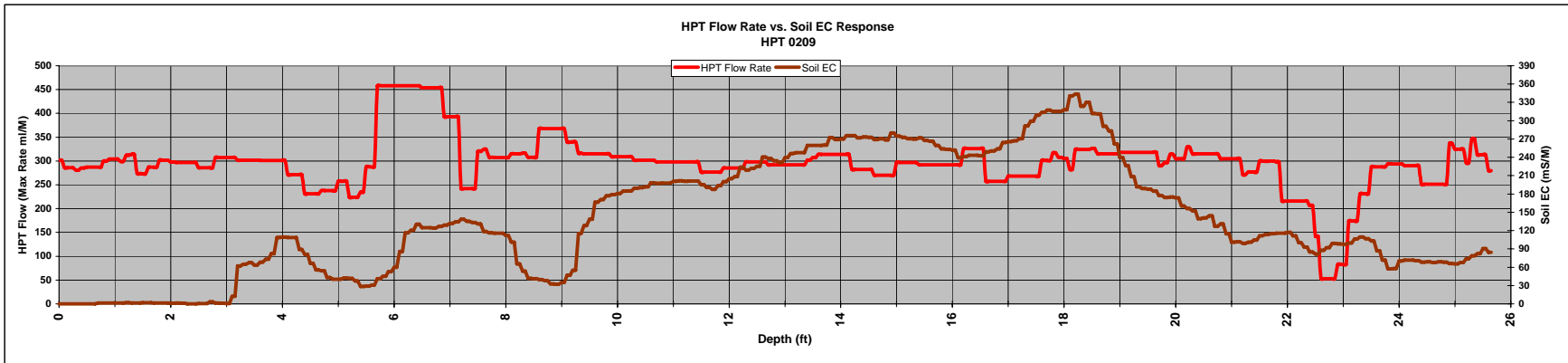
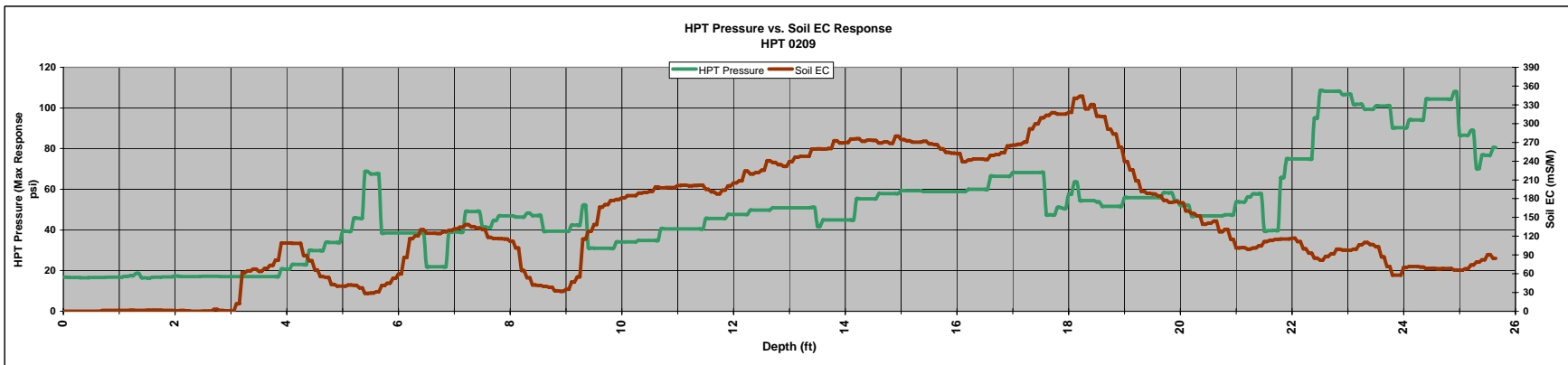
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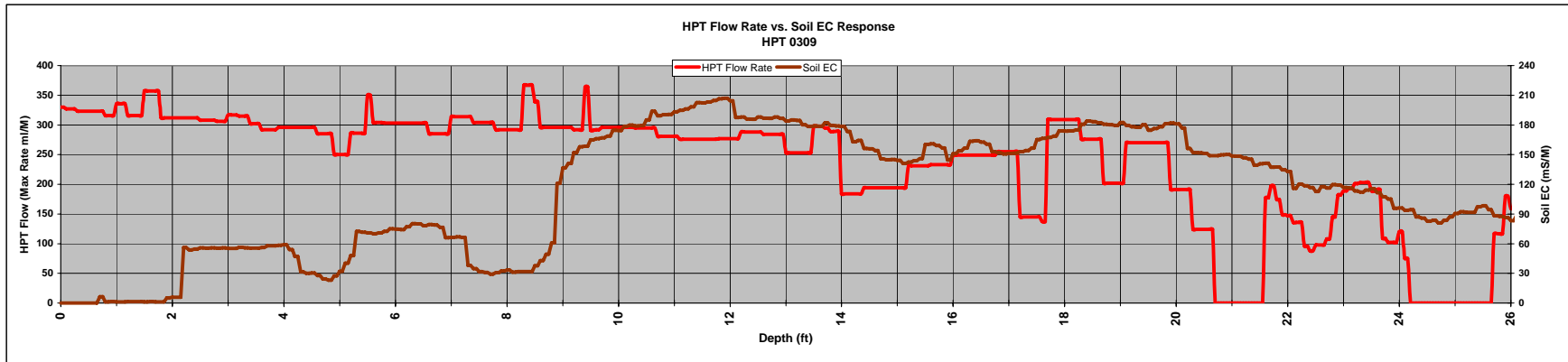
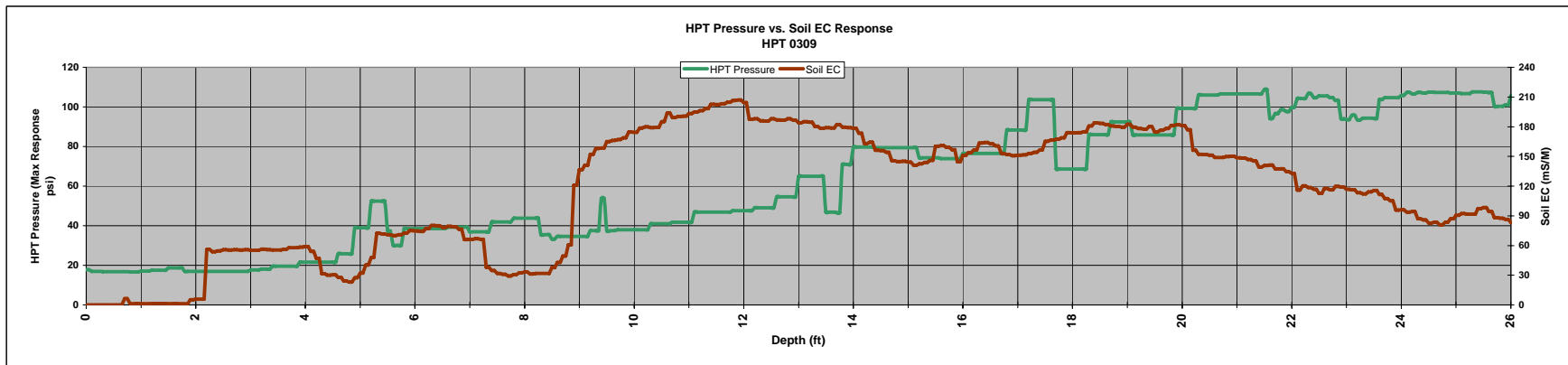


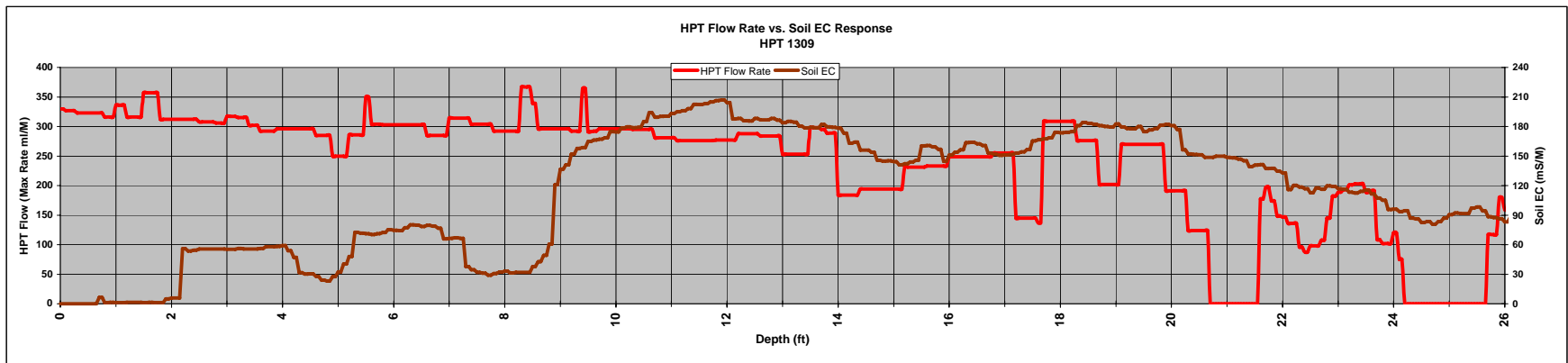
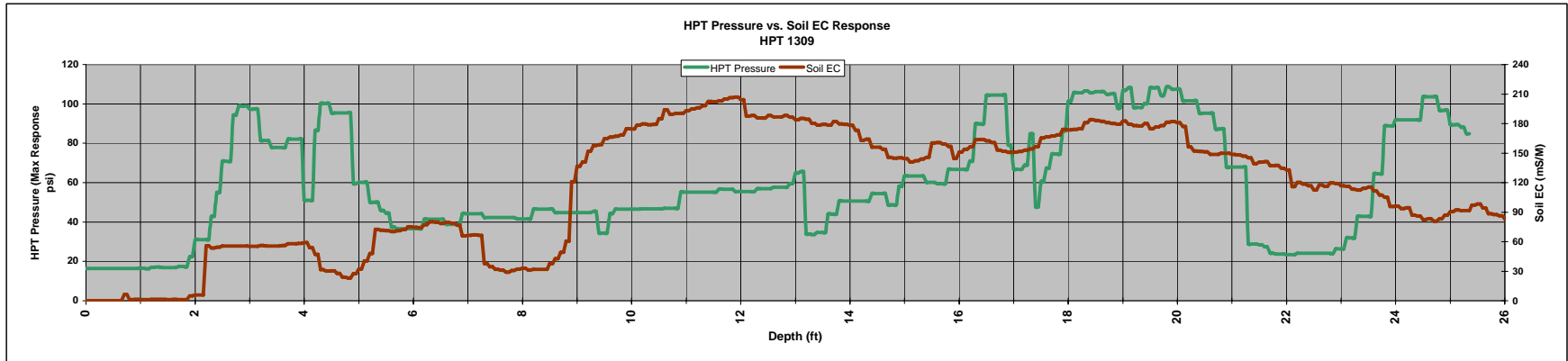
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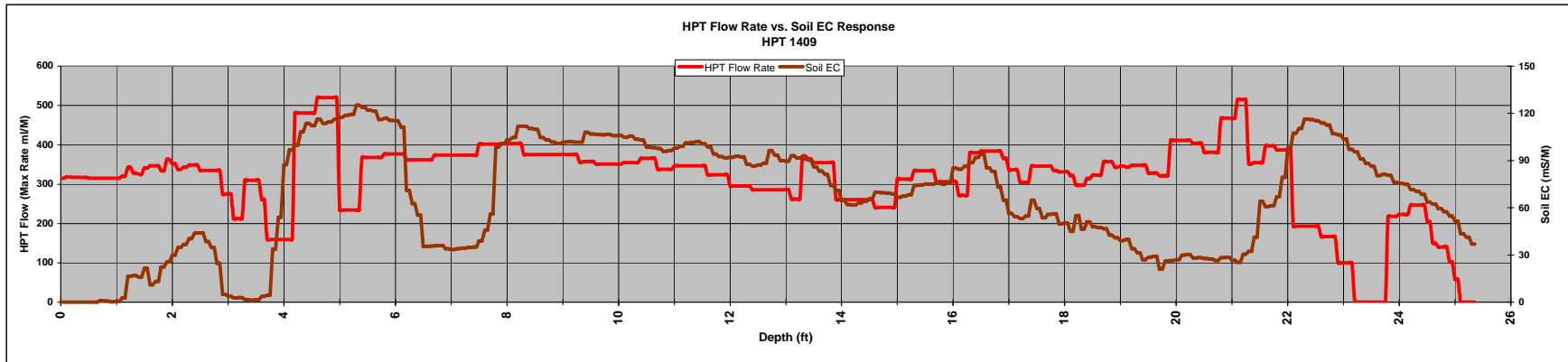
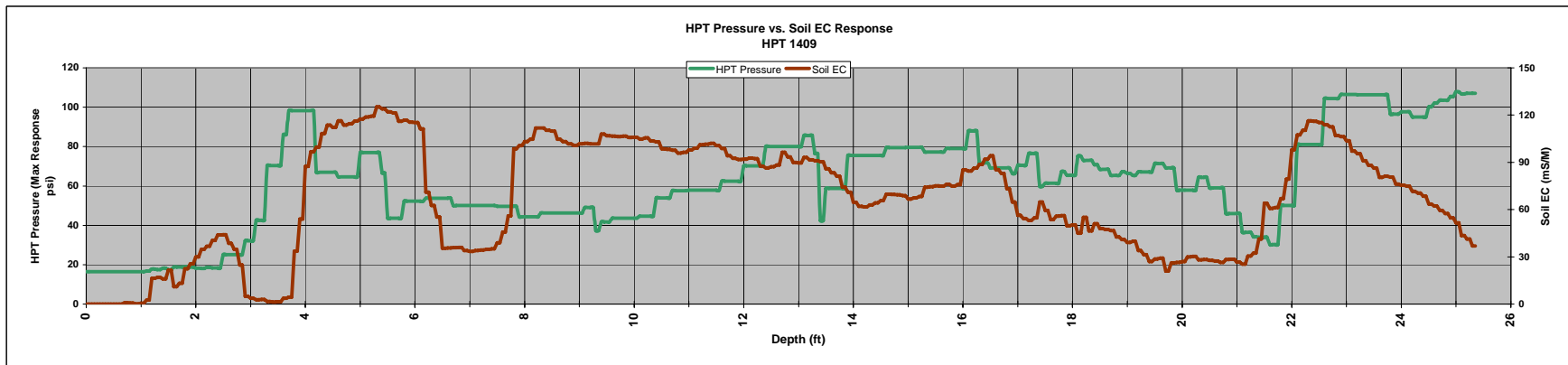


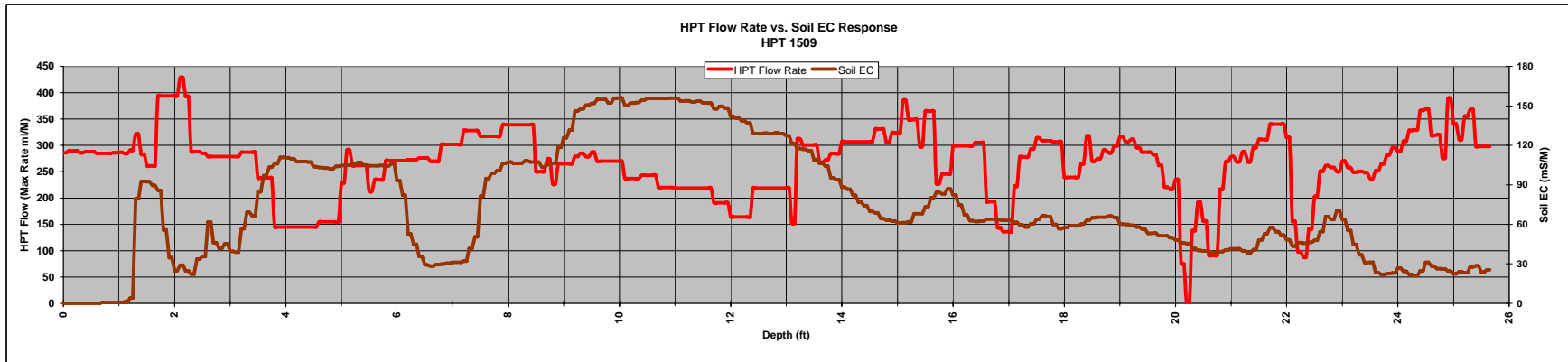
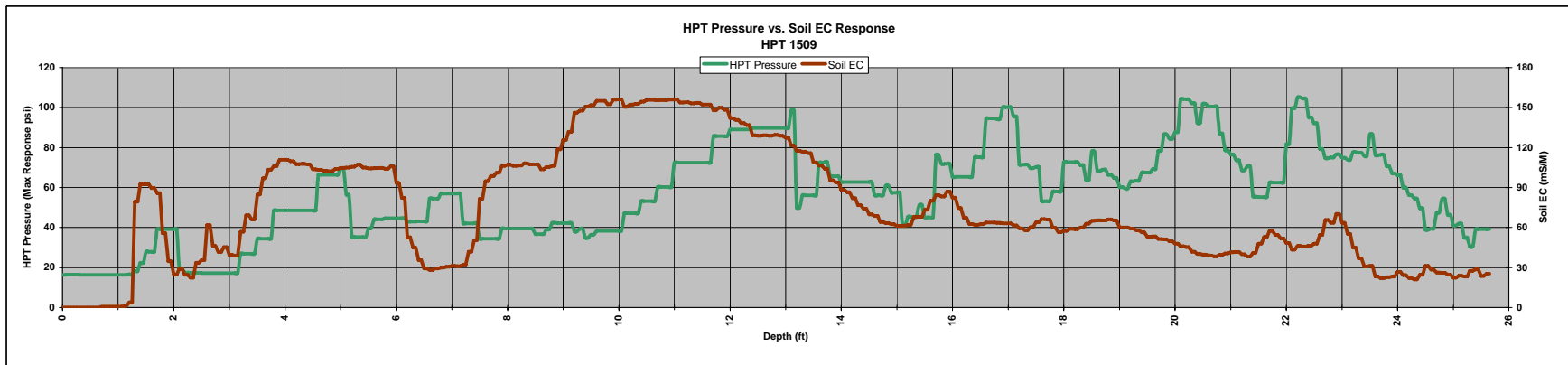


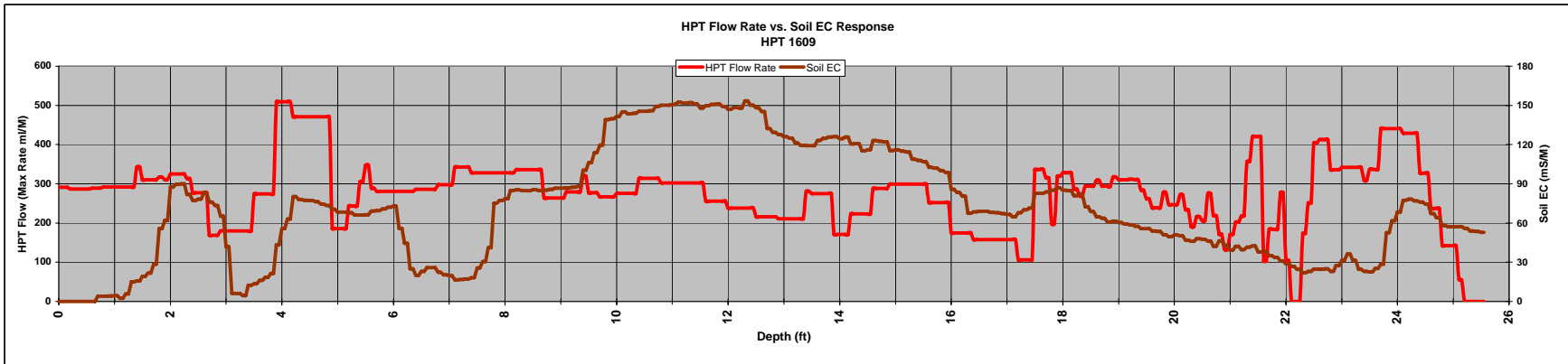
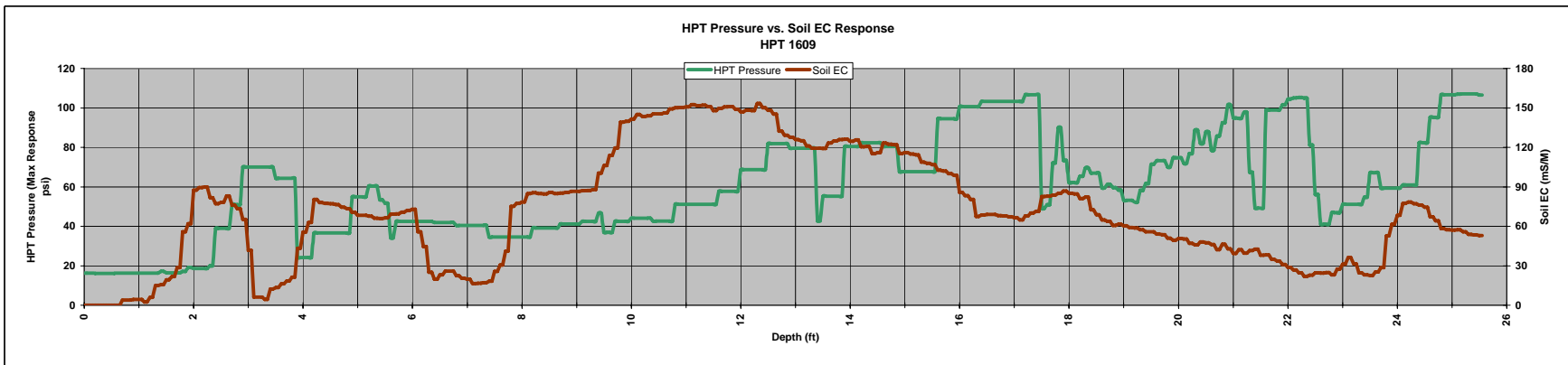


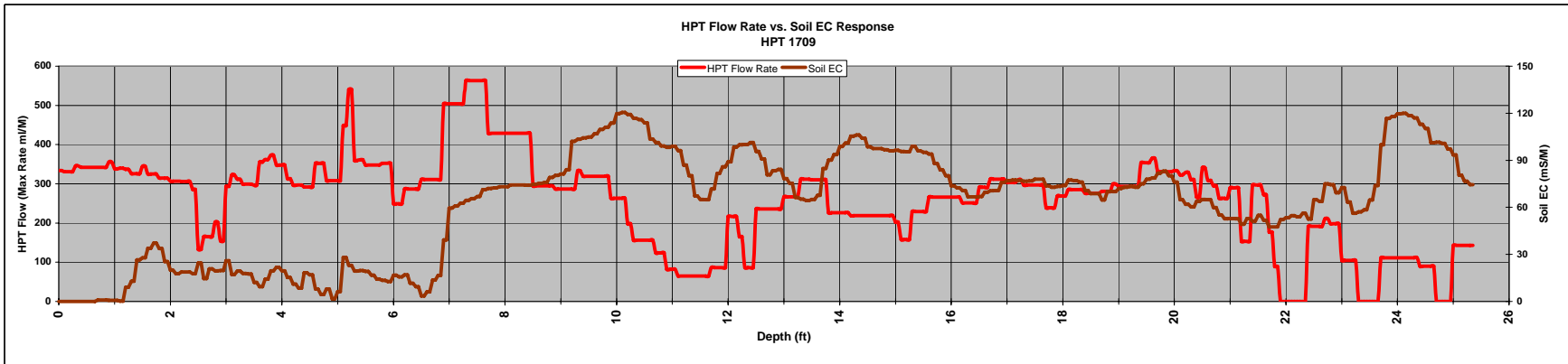
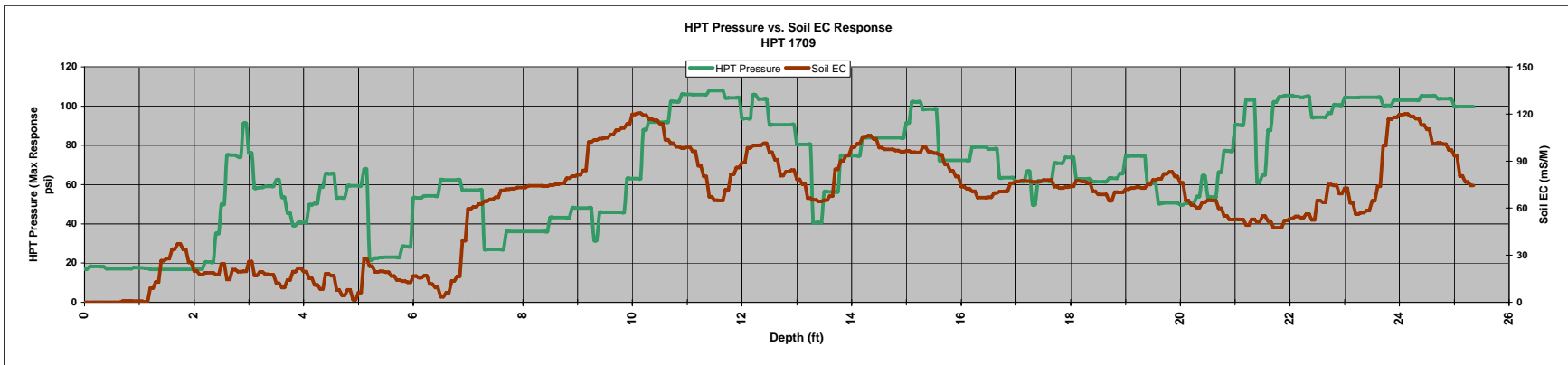


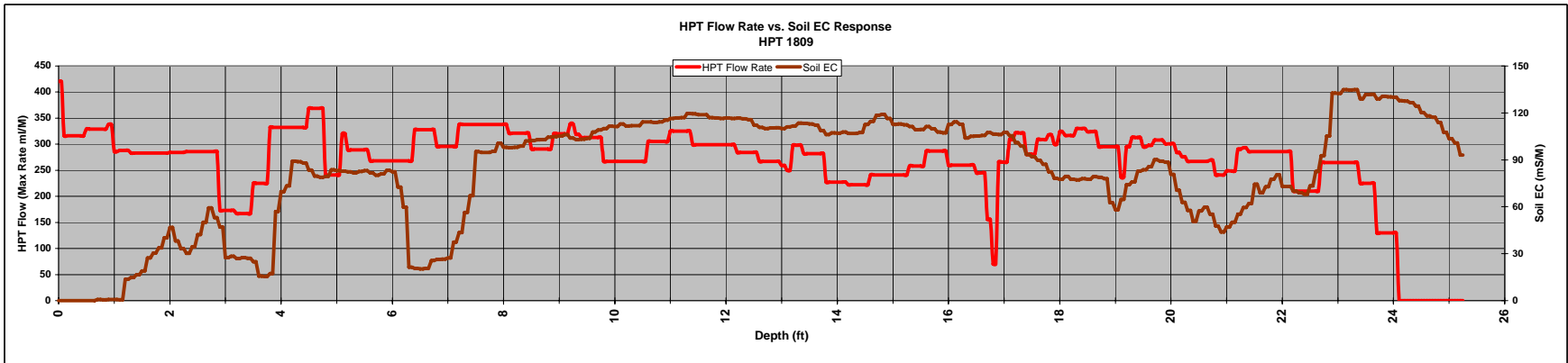
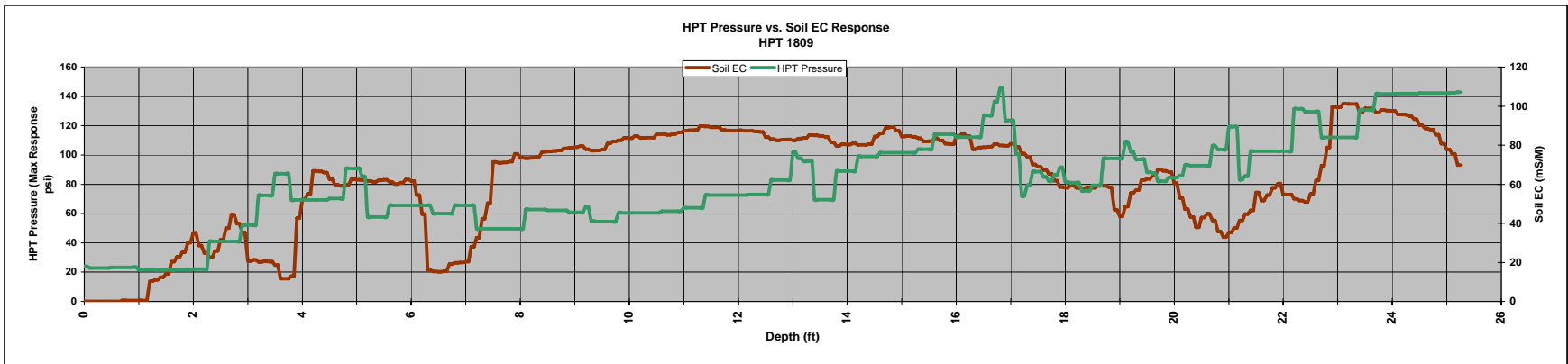


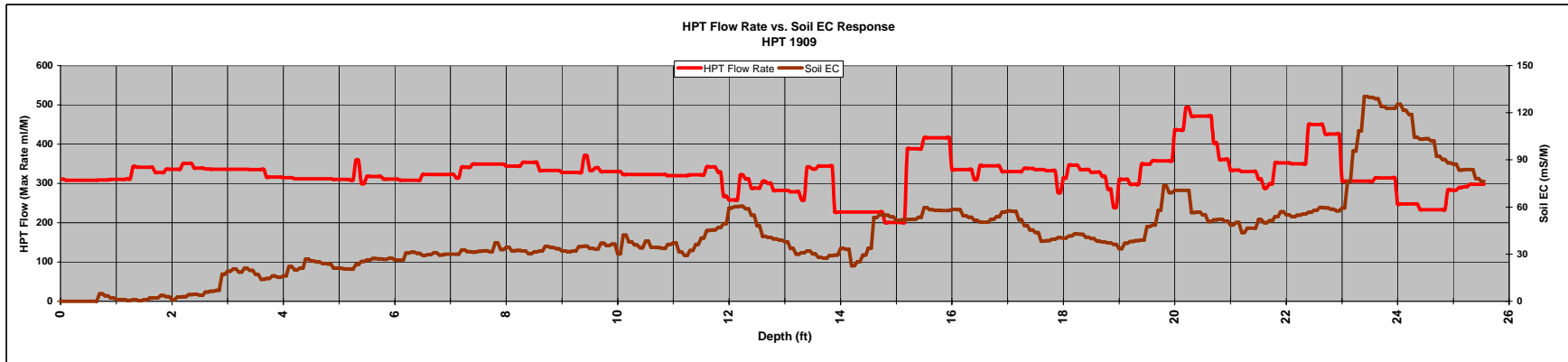
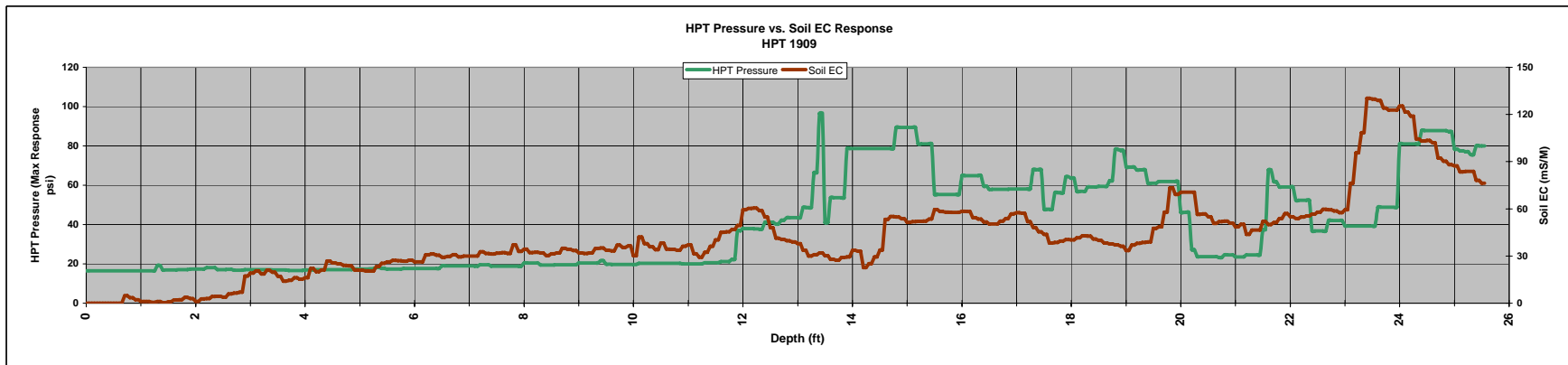


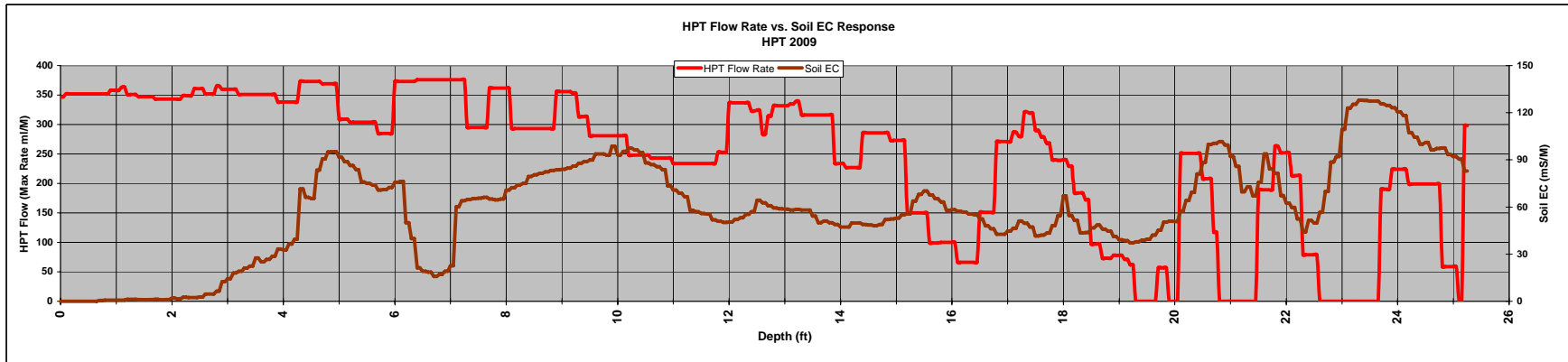
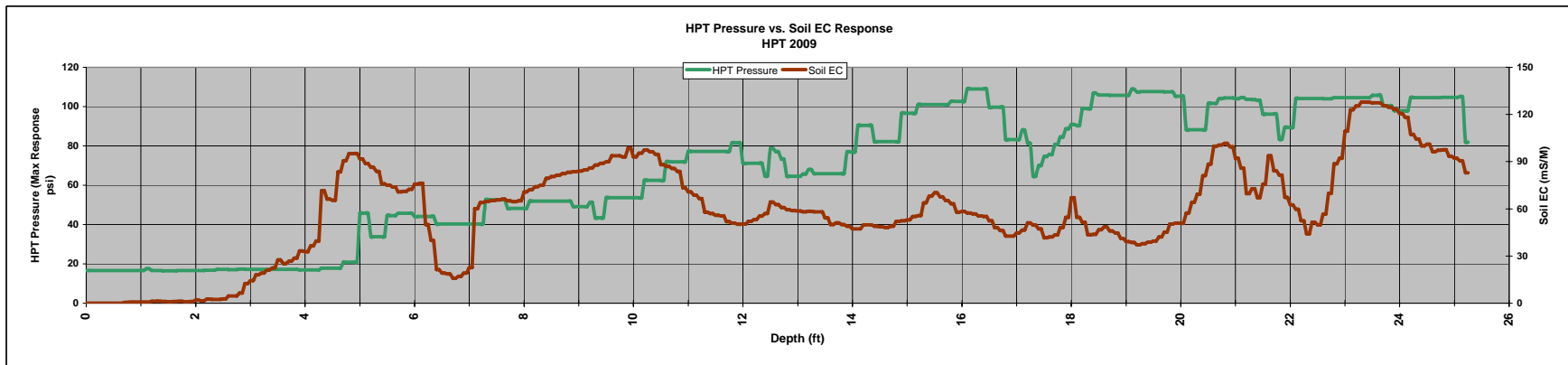


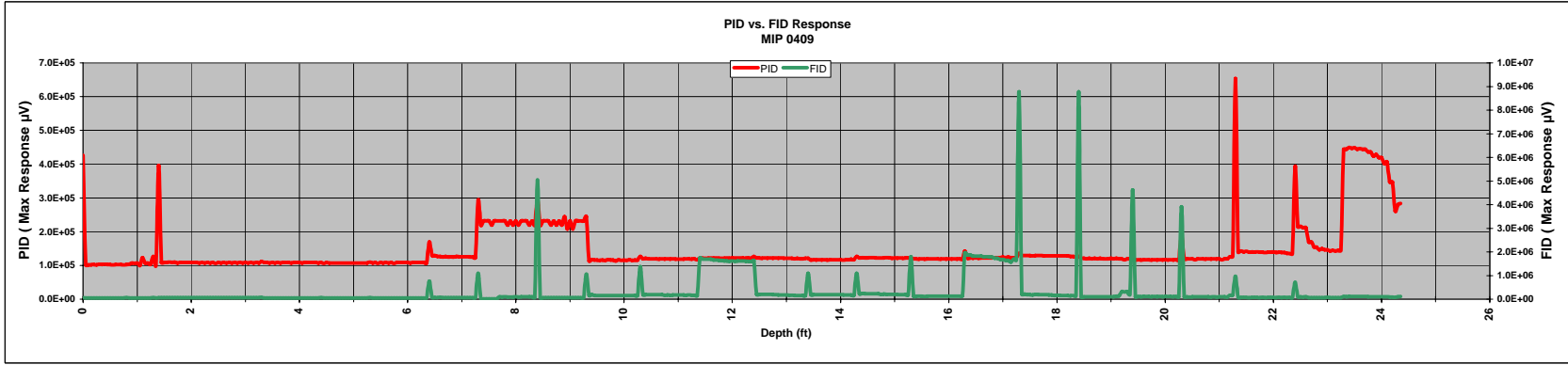
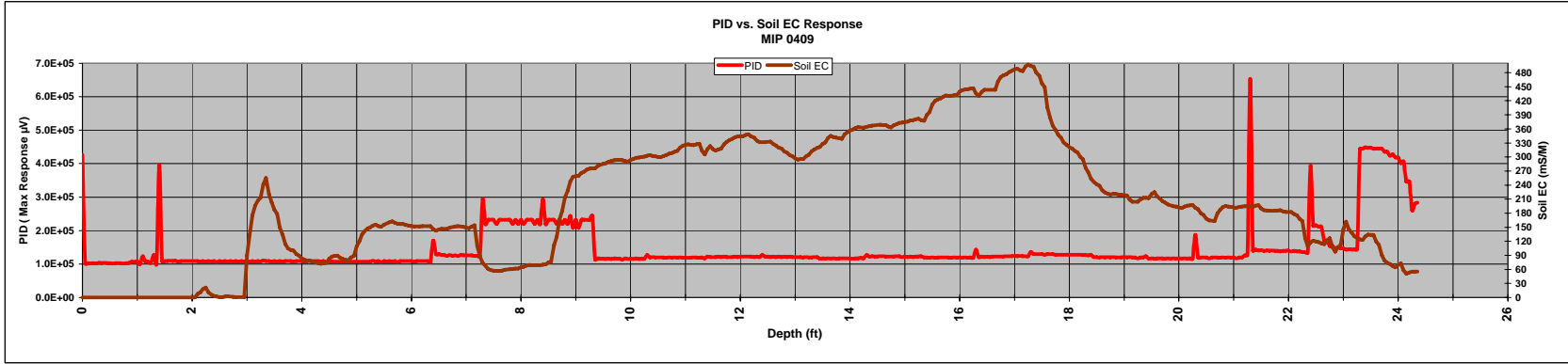
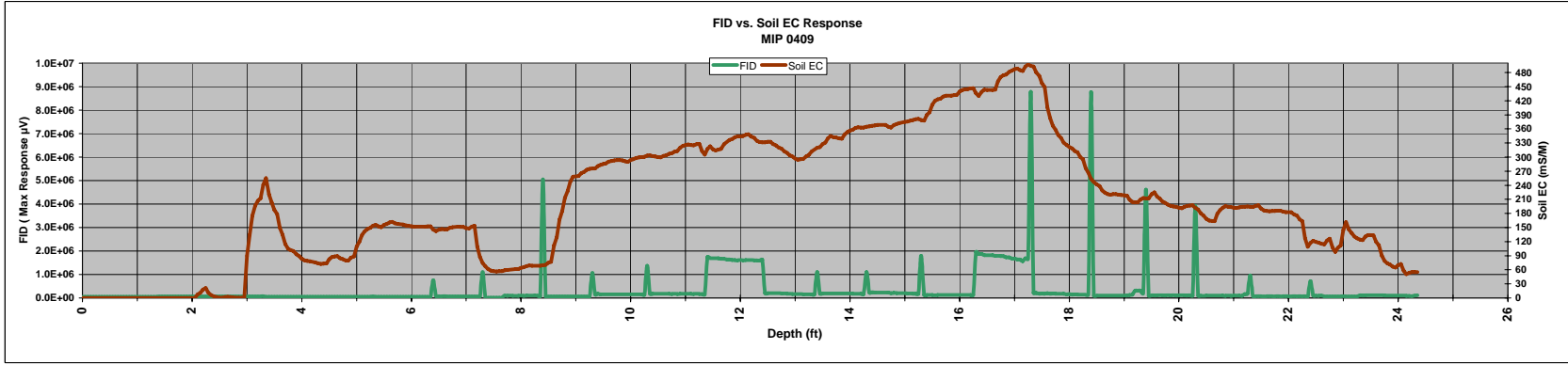


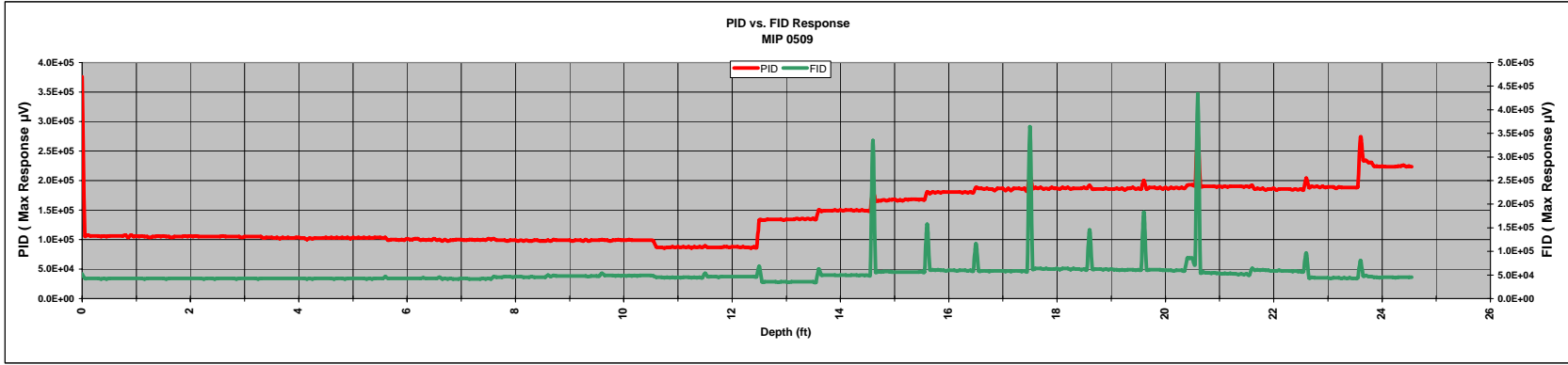
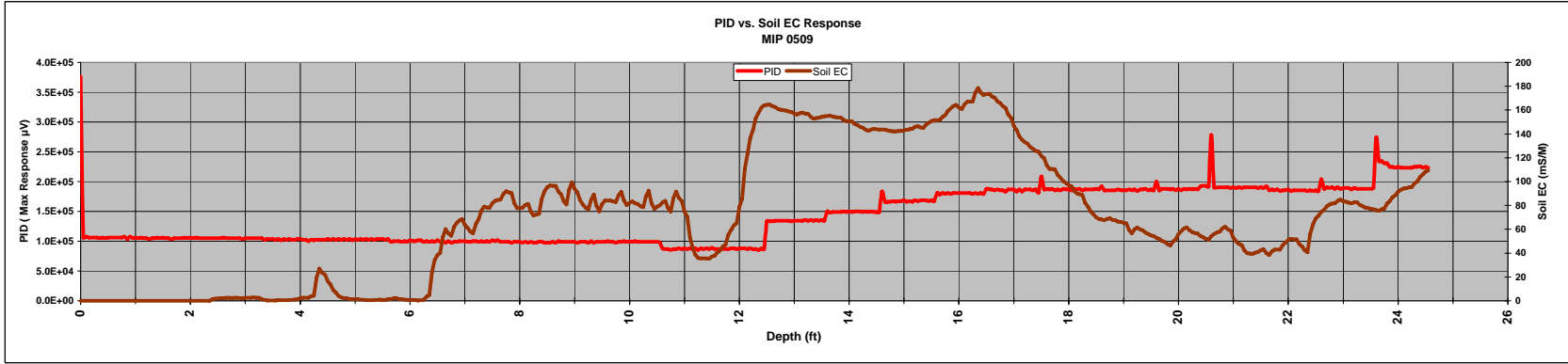
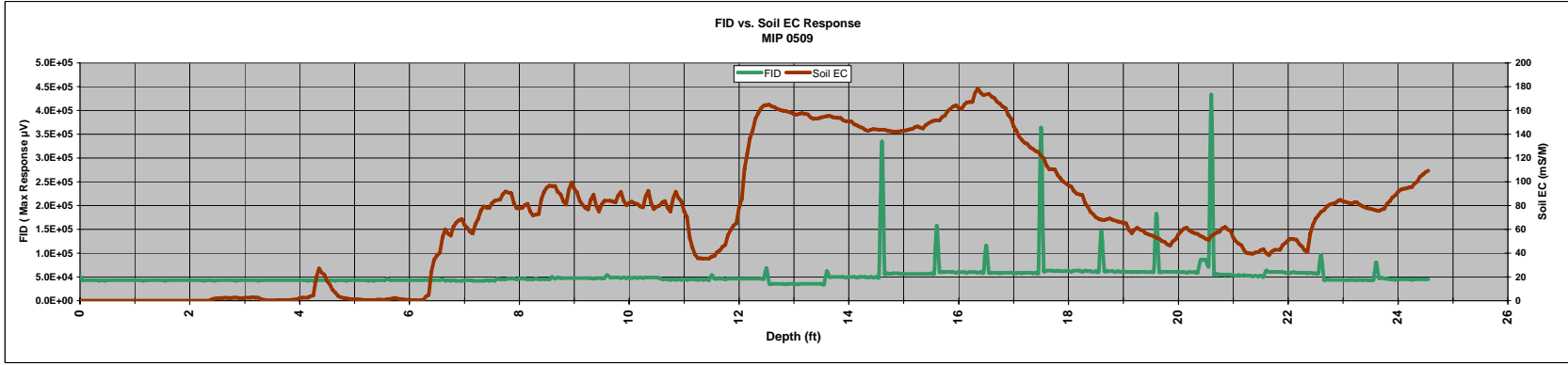


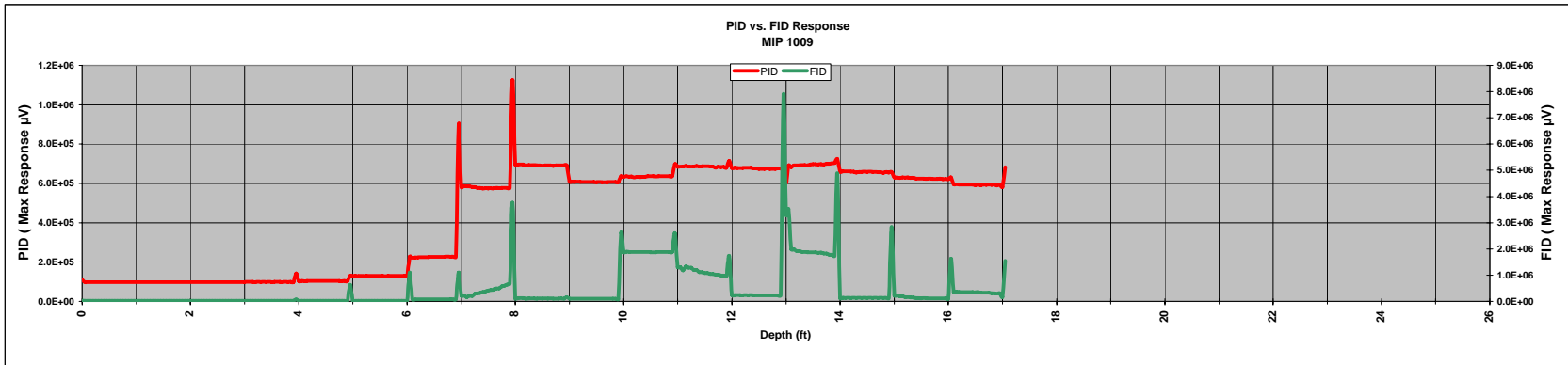
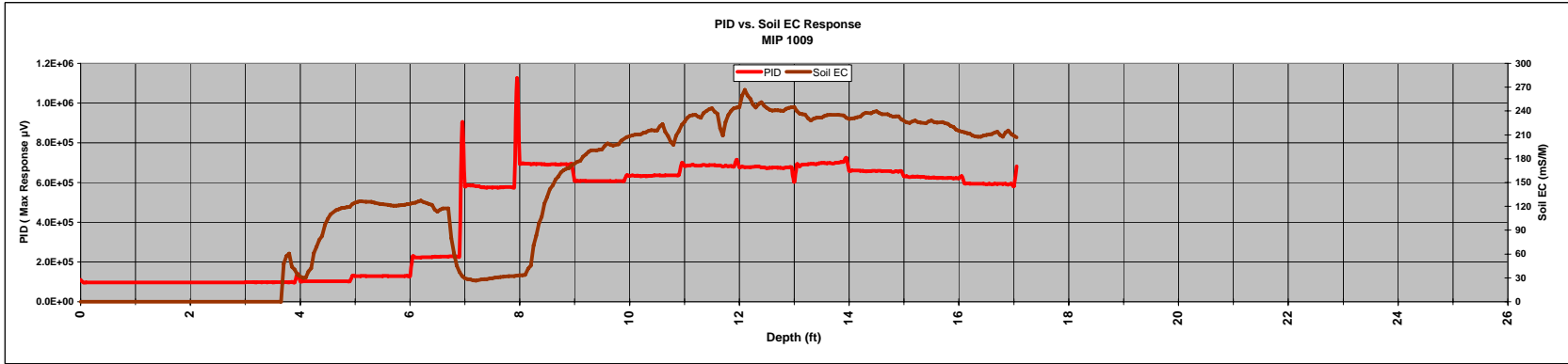
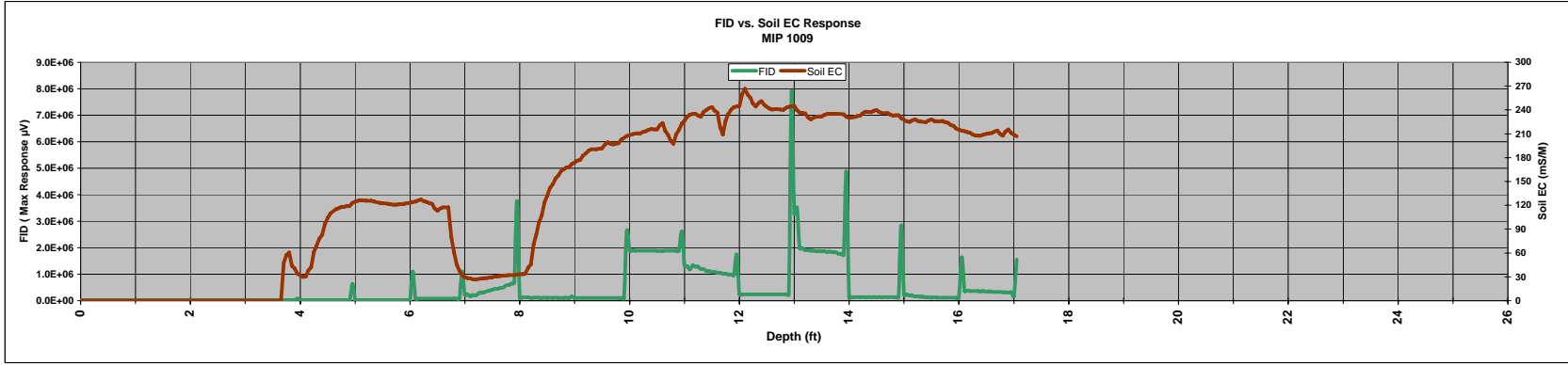


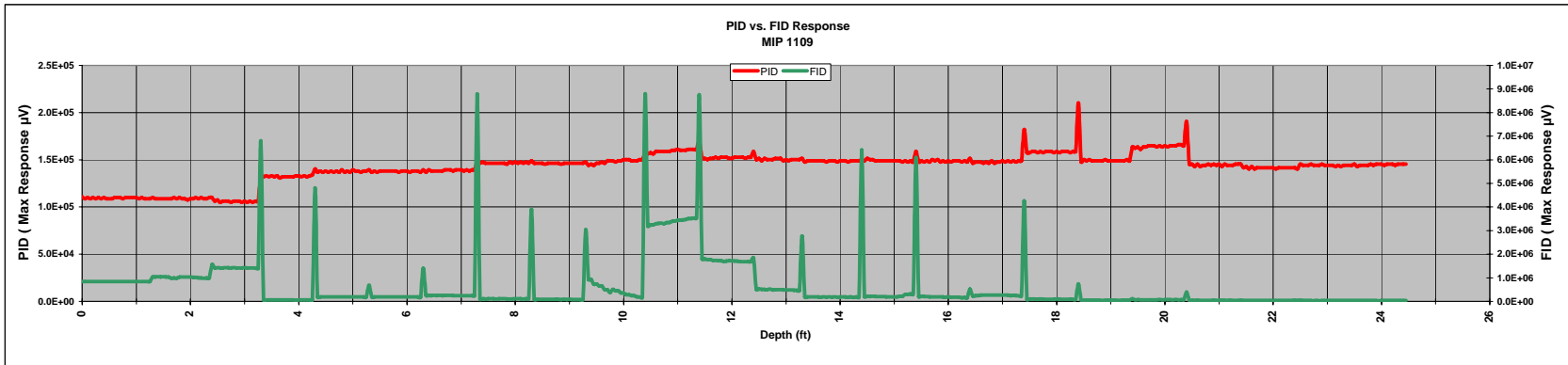
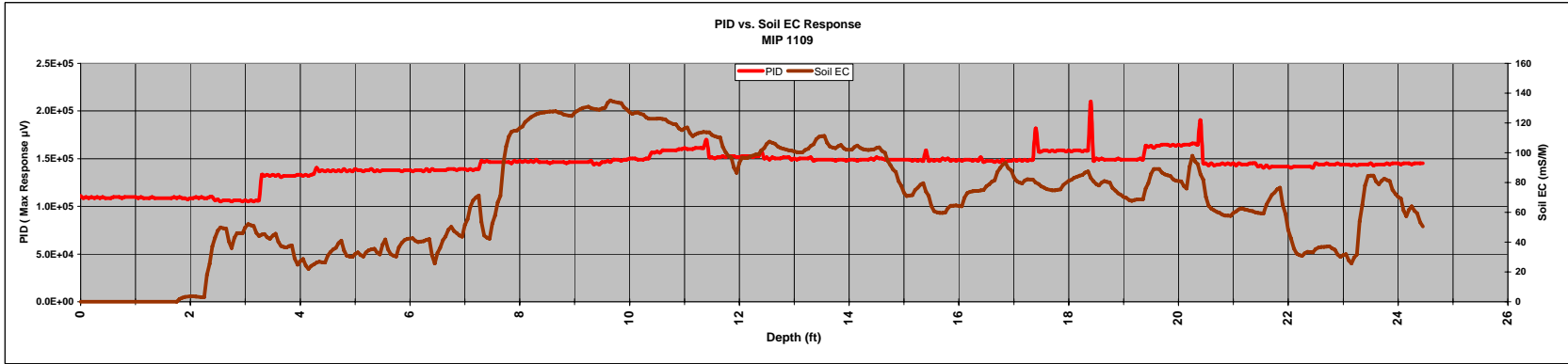
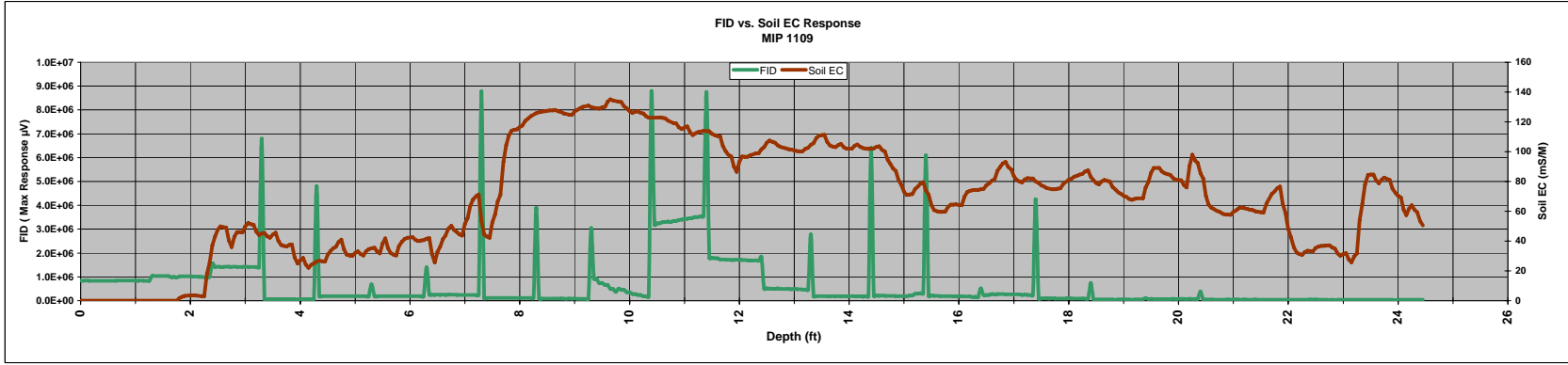


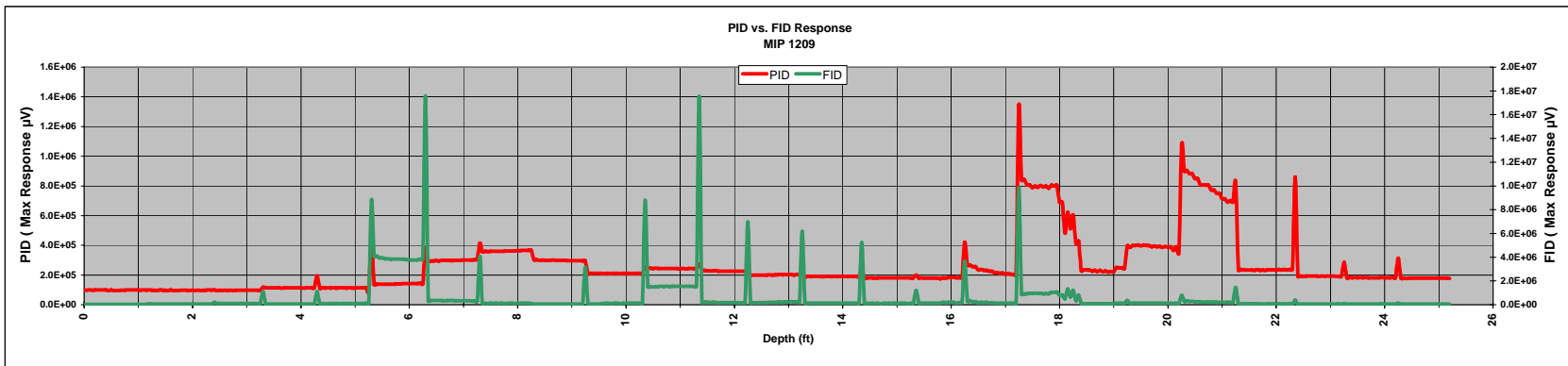
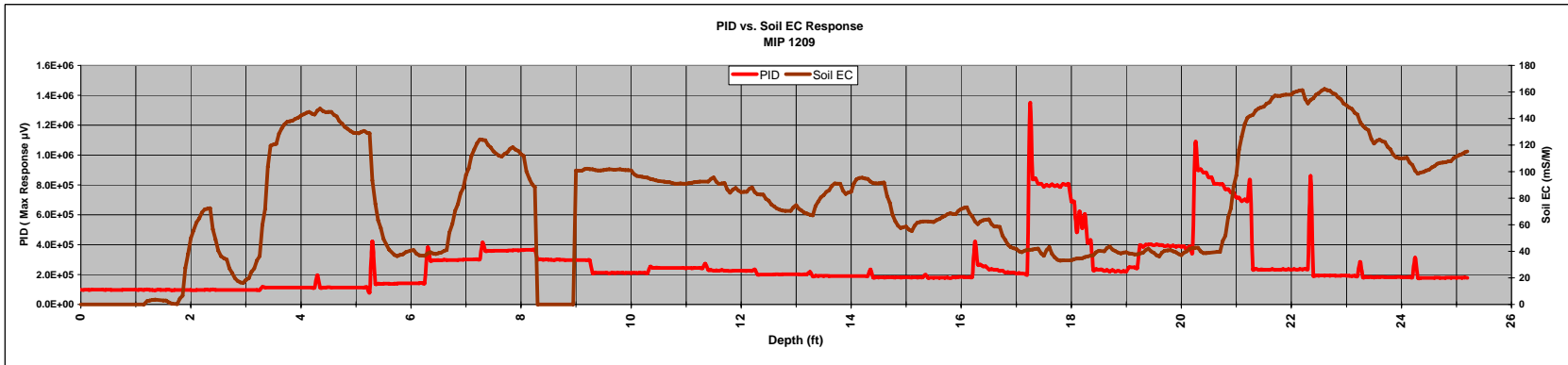
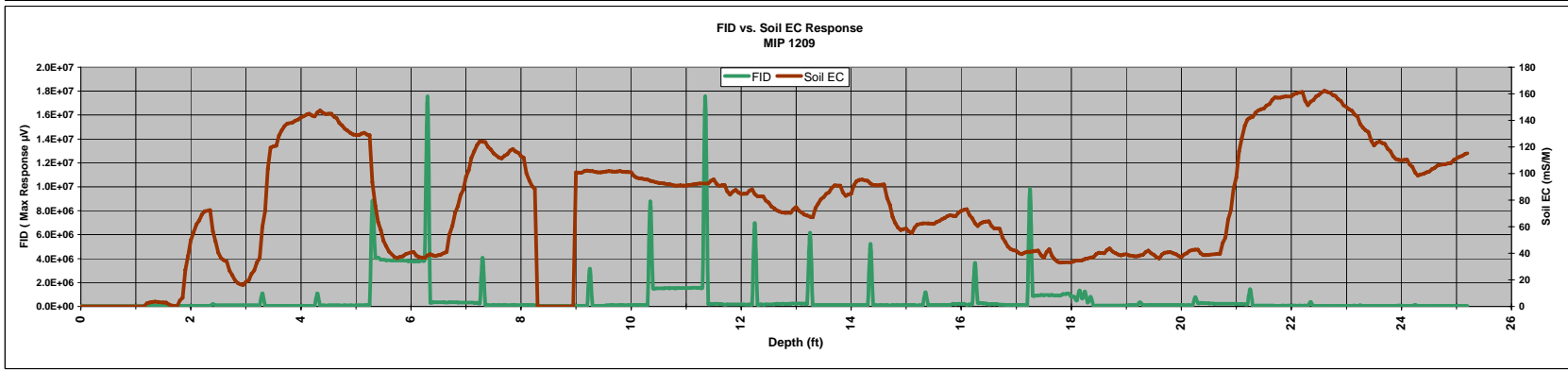


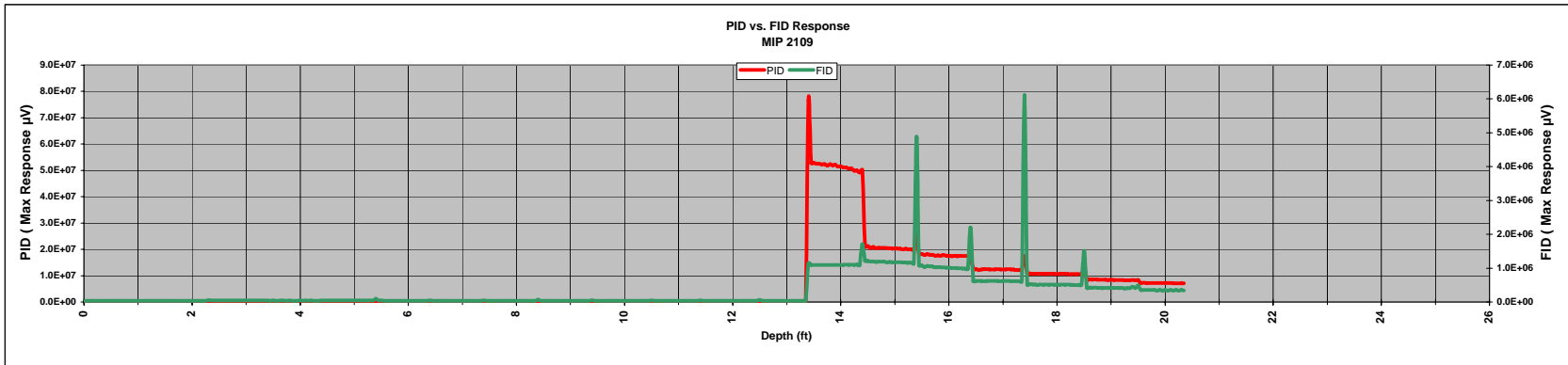
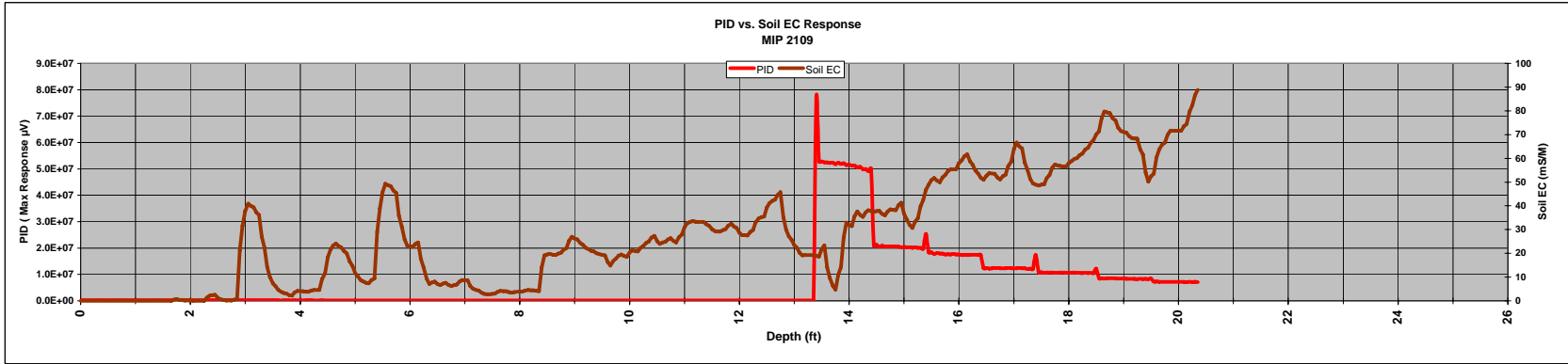
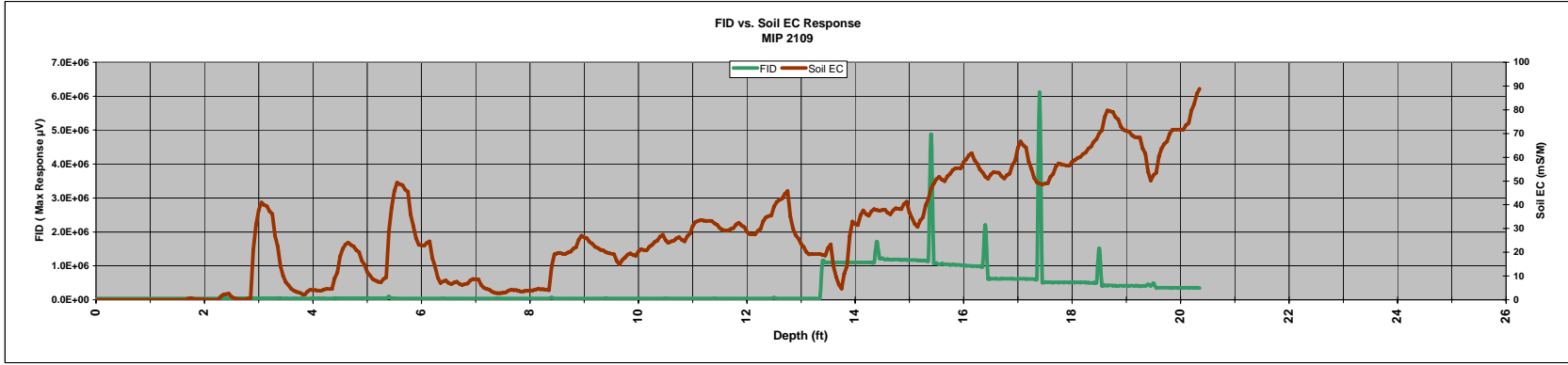


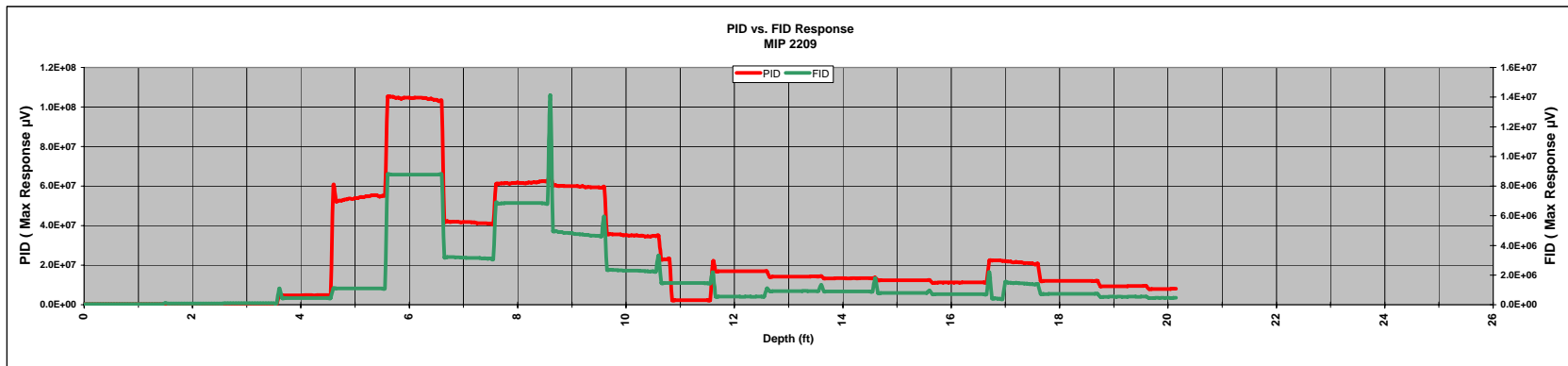
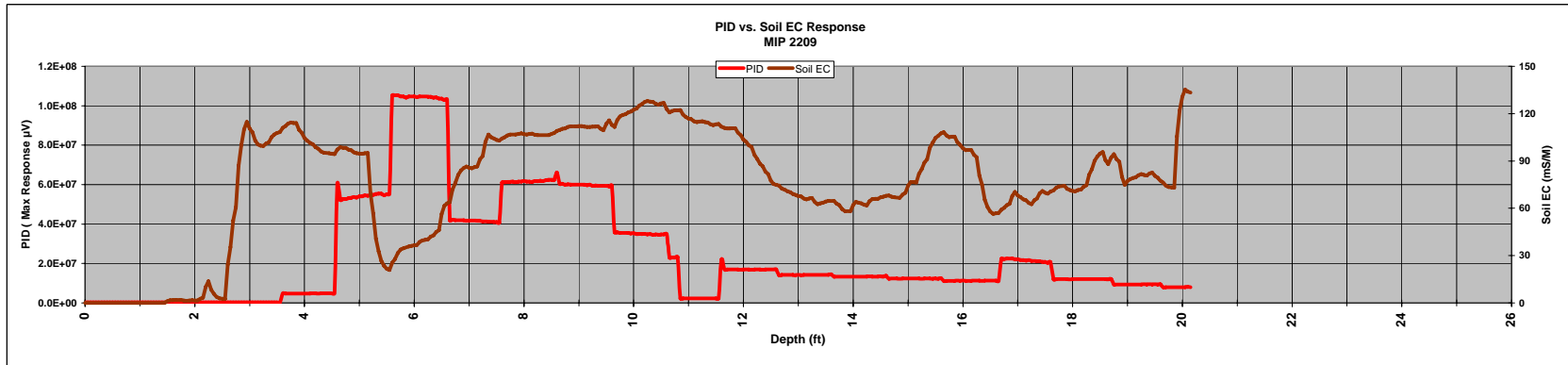
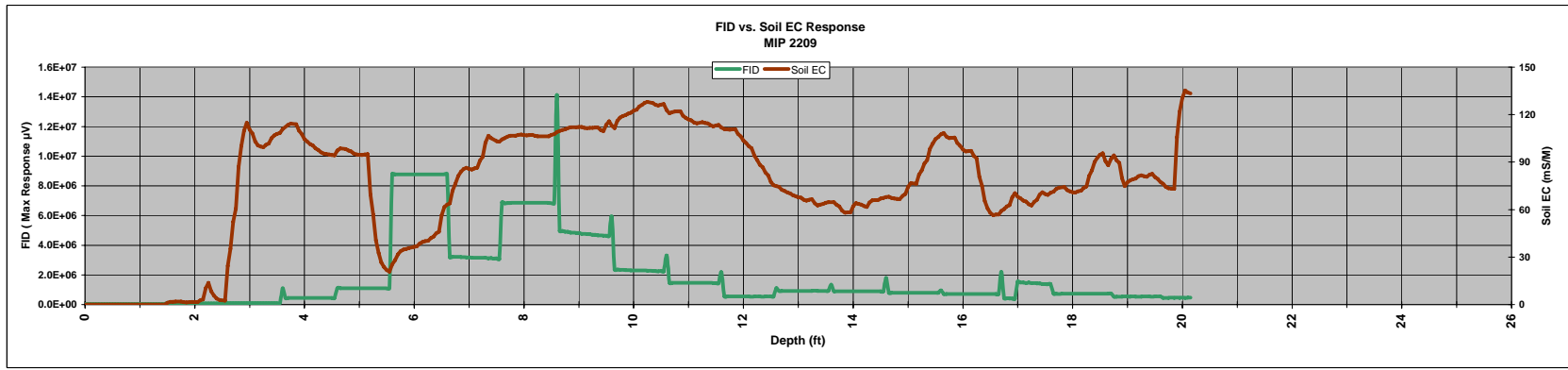


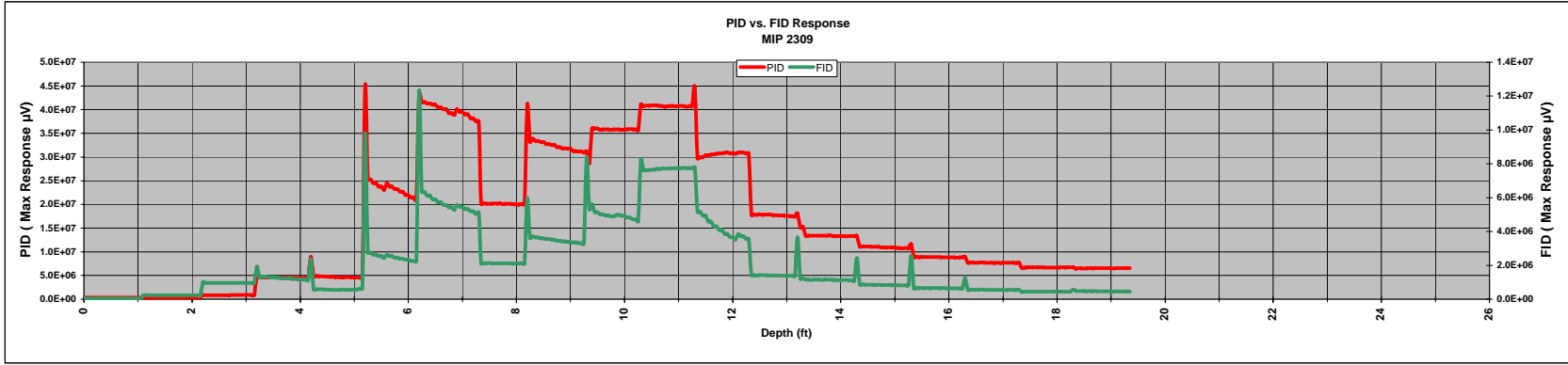
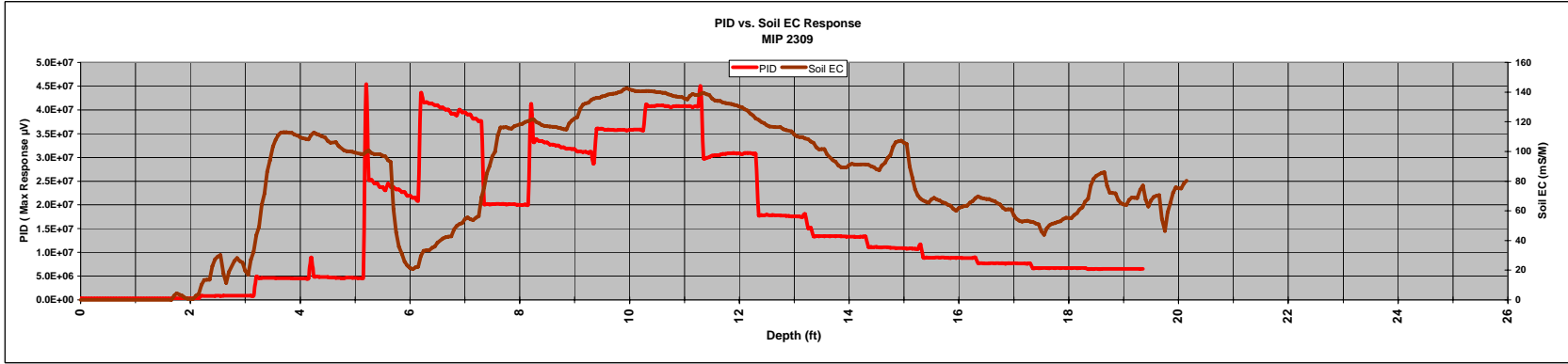
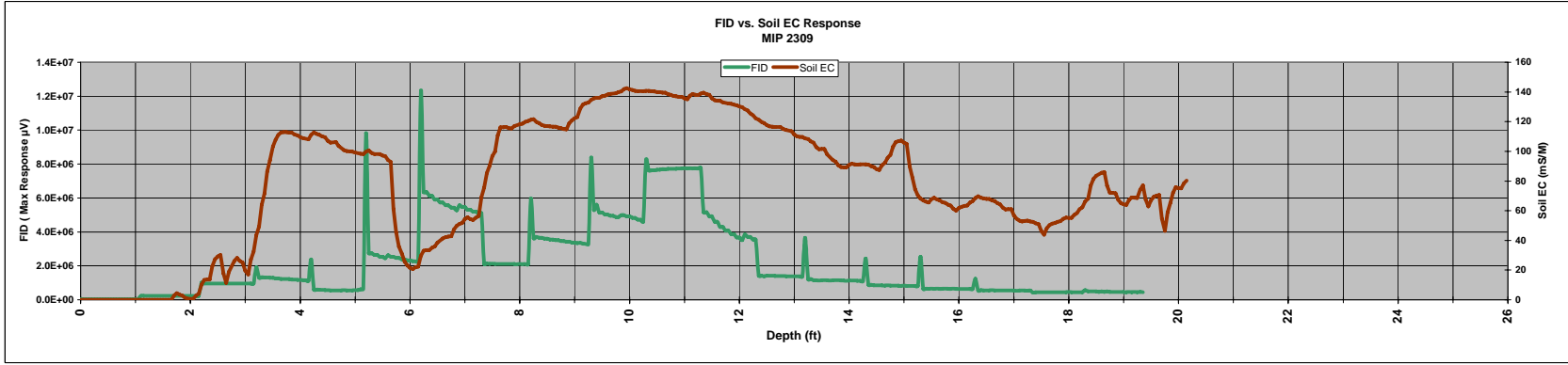














LOG OF BORING 0609

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 3/24/09

CLIENT: EBMUD

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 20'

DRILLING METHOD: GeoProbe/ Dual wall

CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0.0	<p style="text-align: center;">Neat Cement Grout</p>	0				8" asphalt
		5			ML	Continuous core Silt, yellow brown to 4' Hand auger to 5'
0.0		6			ML	Water encountered approx. 6' Silty clay, olive gray, moist
		15			CL	Clay, black, moist to wet, organic rich, roots
		20			CL	Contact at approx. 18' Silty clay with some sand, medium gray, 10% moist TD @ 20'
		25				Slow producer
		30				



LOG OF BORING 0709

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 3/24/09

CLIENT: EBMUD

BOREHOLE DIAMETER: 2.25

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 16'

DRILLING METHOD: GeoProbe/ Dual wall

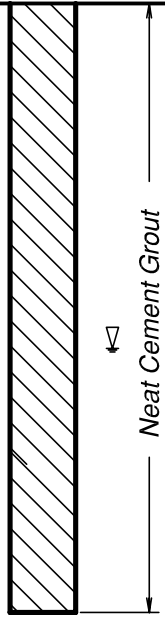



CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0.0					<p>ML</p> <p>SC</p> <p>CL</p>	<p>8" asphalt Hand auger to 5'</p> <p>1 - 4': Silt, yellow brown, dry to moist</p> <p>4 - 6': Clay, olive gray, moist, high plasticity, sticky</p> <p>Soil sample @ 8'</p> <p>6 - 11': Sandy clay, dark brown, wet</p> <p>11-16': Silty clay with some sand, olive gray, wet</p> <p>Soil sample at 16'</p> <p>TD @ 16'</p>



LOG OF BORING 0809

SEE SITE PLAN FOR BORING LOCATION	ALISTO PROJECT NO: 10-654-39	DATE DRILLED: 3/24/09
	CLIENT: EBMUD	BOREHOLE DIAMETER: 2.25'
	LOCATION: 1200 21st St., Oakland	BOREHOLE DEPTH: 16'
	DRILLING METHOD: GeoProbe/ Dual wall	CASING DIAMETER: N/A
	DRILLING COMPANY: EnProb	CASING MATERIAL: N/A
	LOGGED BY: S. Parker	APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
	<p style="text-align: center;">Neat Cement Grout</p>	5 10 15 20 25 30		GW CL	<p>8" asphalt surface Pushed to 12' before sampling</p> <p>Sandy gravel fill material Boring in previous excavation</p> <p>Core 12 - 16' Silty clay, olive gray, wet Soil sample at 16' ID @ 16'</p>	



LOG OF BORING 0909

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 3/24/09

CLIENT: EBMUD

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 16'

DRILLING METHOD: GeoProbe/ Dual wall

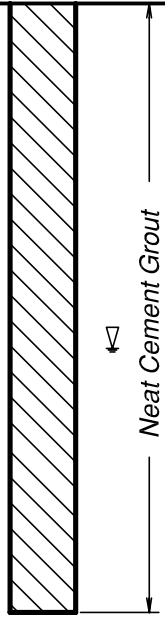



CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
					<p>GW</p> <p>CL</p>	<p>8" asphalt surface</p> <hr/> <p>Sandy gravel fill material</p> <p>Boring in previous excavation Began sampling 12 - 16' Sand stringer at approx. 13'</p> <hr/> <p>13 - 16': Silty clay, dark brown to black, wet Soil sample at 16'</p> <hr/>



**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 03/26/09

CLIENT: EBMUD: Adeline Mtc. Center

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: -

DRILLING METHOD: GeoProbe/ Dual wall

CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0.0		0				8" asphalt surface
0.0		5			SM	Hand auger to 5' 1 foot recovery 5 - 8': Gravel + sand
		10			SM	No recovery 8 - 12': Possible backfill
						No sample TD @12
		15				
		20				
		25				
		30				



LOG OF BORING B-2509

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39	DATE DRILLED: 03/26/09
CLIENT: EBMUD: Adeline Mtc. Center	BOREHOLE DIAMETER: 2.25'
LOCATION: 1200 21st St., Oakland	BOREHOLE DEPTH: 12'
DRILLING METHOD: GeoProbe/ Dual wall	CASING DIAMETER: N/A
DRILLING COMPANY: EnProb	CASING MATERIAL: N/A
LOGGED BY: S. Parker	APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0.0		0				8" asphalt surface
0.0		5			ML	Hand auger to 5'
		10			CL	5 - 8'; 2 feet recovery Silty clay, dark brown, moist
						8 - 12'; 1 foot recovery Organic rich material, dark brown to black some caliche present, wet, roots
						TD @ 12'
		15				
		20				
		25				
		30				



LOG OF BORING 2609

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 3/26/09

CLIENT: EBMUD

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 16'

DRILLING METHOD: GeoProbe/ Dual wall

CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						8" Asphalt surface
					ML	Hand auger to 5' Drive rods to 8' to enable sample collection Pulled center point
0.0					CL	Sample 8-12 3 1/2 feet recovery Clay, dark brown to black, moist (8-11')
0.0					CL	Clay, olive gray, moist (11-12')
					CL	Clay with some sand, olive gray, wet (12-16') 3 feet recovery TD @ 16'



LOG OF BORING B-2709

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 03/26/09

CLIENT: EBMUD: Adeline Mtc. Center

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: -

DRILLING METHOD: GeoProbe/ Dual wall



CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
	 <p>Neat Cement Grout</p>	5			ML CL	<p>8" asphalt surface</p> <hr/> <p>Hand auger to 5'</p> <hr/> <p>Refusal @ 5.5'</p> <hr/> <p>Moved off hole</p>
		10				
		15				
		20				
		25				
		30				



LOG OF BORING B-2809

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 03/26/09

CLIENT: EBMUD: Adeline Mtc. Center

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 12'

DRILLING METHOD: GeoProbe/ Dual wall

CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						8" asphalt surface
0.0		5				Drive rods to 8'
0.0		10			SM	Sample 8-12' Water approximately 8' 8-12' sample 2 feet recovery Set casing. Sandy gravel. Water level measured @3.3' TD @12'
		15				Insufficient soil sample for analysis; possibly backfill of excavation
		20				
		25				
		30				



LOG OF BORING 2909

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 3/26/09

CLIENT: EBMUD

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 16'

DRILLING METHOD: GeoProbe/ Dual wall

CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						8" Asphalt surface
0.0					CL	Hand auger to 5' 5 - 7': Clay, olive gray, moist
0.0					CL	7 - 11': Clay, dark brown to black, organic rich, moist
					sc	11-16': Sandy clay, olive gray, moist to wet
						TD @ 16'



LOG OF BORING B-3009

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 03/26/09

CLIENT: EBMUD: Adeline Mtc. Center

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 12'

DRILLING METHOD: GeoProbe/ Dual wall

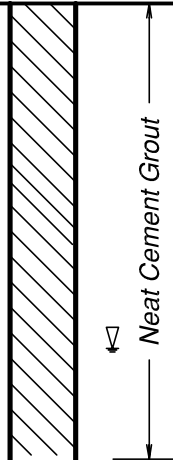

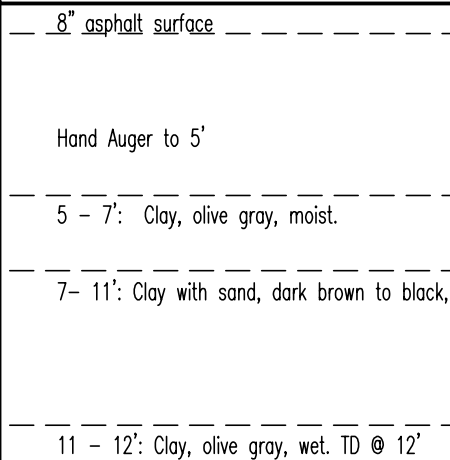
CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0.0		0 5 10 15 20 25 30			8" asphalt surface ML Hand Auger to 5' CL 5 - 7': Clay, olive gray, moist. CL 7- 11': Clay with sand, dark brown to black, organic rich CL 11 - 12': Clay, olive gray, wet. TD @ 12'	



LOG OF BORING B-3109

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 03/26/09

CLIENT: EBMUD: Adeline Mtc. Center

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 12'

DRILLING METHOD: GeoProbe/ Dual wall

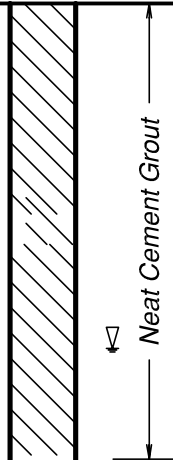



CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0.0					ML CL SC CL	<p>8" asphalt surface</p> <p>Hand Auger to 5'</p> <p>5 - 6': Clay, olive gray, moist</p> <p>6 - 10': Sandy clay, brown, moist to wet</p> <p>10 - 12': Silty clay, olive gray, wet</p> <p>TD @ 12'</p>



LOG OF BORING B-3209

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39	DATE DRILLED: 03/26/09
CLIENT: EBMUD: Adeline Mtc. Center	BOREHOLE DIAMETER: 2.25'
LOCATION: 1200 21st St., Oakland	BOREHOLE DEPTH: 12'
DRILLING METHOD: GeoProbe/ Dual wall	CASING DIAMETER: N/A
DRILLING COMPANY: EnProb	CASING MATERIAL: N/A
LOGGED BY: S. Parker	APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0.0		0 5 10 15 20 25 30			ML CL CL CL	<p>8" asphalt surface</p> <p>Hand Auger to 5'</p> <p>5 - 8': Silty clay, dark brown, moist.</p> <p>8 - 11': Clay, dark brown, moist, organic rich</p> <p>11 - 12': Clay with sand, olive gray, moist to wet</p> <p>TD @ 12'</p>



LOG OF BORING B-3309

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 03/26/09

CLIENT: EBMUD: Adeline Mtc. Center

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 12'

DRILLING METHOD: GeoProbe/ Dual wall

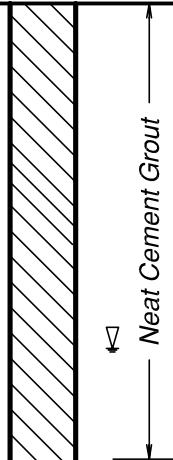



CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0.0					<p>8" asphalt surface</p> <p>ML</p> <p>CL</p> <p>SC</p> <p>CL</p>	<p>Hand Auger to 5'</p> <p>5 - 7': Clay, olive gray, moist.</p> <p>7 - 10': Sandy clay, dark brown, wet</p> <p>10 - 12': Silty clay with some sand, olive gray, wet TD @ 12'</p>



LOG OF BORING B-3409

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 03/26/09

CLIENT: EBMUD: Adeline Mtc. Center

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 12'

DRILLING METHOD: GeoProbe/ Dual wall

CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	
						8" asphalt surface	
0.0					ML	Hand Auger to 5'	
			5			CL	5 - 7': Silty clay, olive gray, moist, medium plasticity
0.0						SC	7 - 11': Sandy clay, dark brown, moist to wet
			10			CL	11 - 12': Silty clay, olive gray, wet. TD @ 12'



LOG OF BORING 3509

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 3/27/09

CLIENT: EBMUD

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 16'

DRILLING METHOD: GeoProbe/ Dual wall

CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	
						8" asphalt surface	
0.0		5			ML	Hand auger to 5'	
						CL	5 - 7': Clay, olive gray, moist
0.0						SC	7 - 11': Sandy clay, dark brown, wet
						CL	11-16': Silty clay w/some sand, olive gray, wet
		15				TD @ 16', set temporary casing	
		20					
		25					
		30					



LOG OF BORING 3609

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 3/27/09

CLIENT: EBMUD

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 16'

DRILLING METHOD: GeoProbe/ Dual wall

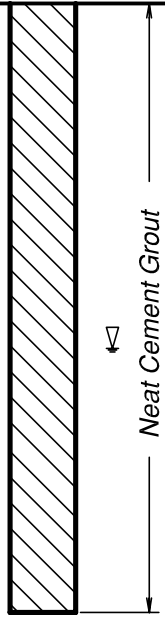

CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0.0		0 5 10 15 20 25 30		ML CL SC CL	8" asphalt surface hand auger to 5' 5 - 7': Clay, olive gray, moist 7 - 11': Sandy clay, dark brown, wet 11-16': Silty clay, olive gray, wet, small sand lenses or stringers TD @ 16', set temporary casing	



LOG OF BORING 3709

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 3/27/09

CLIENT: EBMUD

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 16'

DRILLING METHOD: GeoProbe/ Dual wall

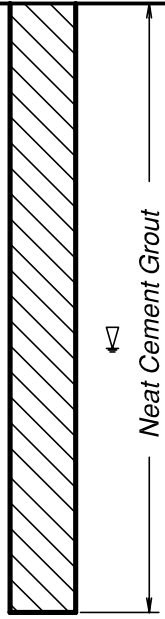



CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
0.0					ML CL SC CL	<p>8" asphalt surface</p> <p>hand auger to 5'</p> <p>5 - 7': Clay, olive gray, moist</p> <p>7 - 11': Sandy clay, brown, moist to wet</p> <p>11-16': Silty clay (some fine grained sand present), olive gray, wet</p> <p>TD @ 16'</p>



LOG OF BORING B-3809

**SEE SITE PLAN
FOR BORING LOCATION**

ALISTO PROJECT NO: 10-654-39

DATE DRILLED: 03/26/09

CLIENT: EBMUD: Adeline Mtc. Center

BOREHOLE DIAMETER: 2.25'

LOCATION: 1200 21st St., Oakland

BOREHOLE DEPTH: 12'

DRILLING METHOD: GeoProbe/ Dual wall

CASING DIAMETER: N/A

DRILLING COMPANY: EnProb

CASING MATERIAL: N/A

LOGGED BY: S. Parker

APPROVED BY: Al Sevilla

PID VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						8" asphalt surface
0.0		5			CL	Hand Auger to 5' 5 - 7': Clay, olive gray, moist
0.0		10			ML	7 - 11': Silty clay, brown, moist to wet
					CL	11 - 12': Sandy clay, brown, wet. TD @ 12'

APPENDIX C

**FIELD PROCEDURES FOR DRILLING, SOIL SAMPLING AND
GRAB GROUNDWATER SAMPLING**

**FIELD PROCEDURES
FOR
DRILLING, SOIL SAMPLING,
AND GRAB GROUNDWATER SAMPLING**

Drilling

The borings were drilled using a truck-mounted Geoprobe direct-push drilling rig equipped with a 2.25-inch-diameter continuous sampling tool. To avoid cross-contamination, drilling equipment in contact with potentially contaminated material was decontaminated by steam cleaning before and after each use. Decontamination fluids were placed into DOT-approved drums for disposal.

Soil and Grab Groundwater Sampling

During drilling, core samples were collected at minimum interval of five feet using a coring tool lined with Lexan sample tubes, beginning at 5 feet below grade to the total depth of the borings. Before and after each use, the sampler was washed using a phosphate-free detergent followed by tap water and deionized water rinses.

After retrieval from the Geoprobe drill string, the sample core was removed, and a soil sample was selected for chemical analysis. The sample was retained within the Lexan liner, and both ends were immediately covered with Teflon sheeting and polyurethane caps. The caps were sealed with tape and labeled with the following information: Alisto's project number, boring number, sample depth interval, sampler's initials, and date of collection. The sample was immediately placed in a waterproof plastic bag and stored in a cooler containing blue ice. Possession of the samples was documented from the field to a state-certified analytical laboratory by using a chain of custody form.

Soil samples were described by Alisto's personnel using the Unified Soils Classification System; and field estimates of soil type, color, moisture, density, and consistency were noted on the boring logs. The logs were reviewed by a civil engineer registered in the state of California.

Once the desired sampling depth of the boring was reached a Hydropunch tool was used or the Geoprobe drill string was retrieved from the boring and clean temporary well casing was installed in the boring to prevent caving. If sufficient groundwater was present in the boring, a grab groundwater sample was collected using with either a peristaltic surface pump. All groundwater samples were field filtered using clean 0.45 micron sample filters. The grab groundwater sample was immediately placed into the appropriate laboratory-supplied container, properly labeled and temporarily stored in an iced cooler.

After completion of the grab groundwater sampling, the temporary casing was removed and the borings were backfilled using tremied neat cement from the total depth to within 6 inches of grade. The surface was repaired to match existing with either asphalt cold patch or concrete.

APPENDIX D

FIELD PROCEDURES FOR CHAIN OF CUSTODY DOCUMENTATION, LABORATORY REPORTS, AND CHAIN OF CUSTODY RECORDS

**FIELD PROCEDURES
FOR
CHAIN OF CUSTODY DOCUMENTATION**

Samples were handled in accordance with the California Department of Health Services guidelines. Each sample was labeled in the field and immediately stored in an iced cooler for transport to a state-certified laboratory for analysis. All samples were delivered to the lab within 24 hours of collection by Alisto engineering personnel

A chain of custody record accompanied the samples and included the site and sample identification, date of collection, analysis requested, and the name and signature of the sampling technician. When transferring possession of the samples, the transferee signed and dated the chain of custody record.

EBMUD Laboratory

Analytical Report

EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
PO Box 24055, MS 59, Oakland, CA 94623
Phone (510)287-1432 Fax (510)465-5462

California Environmental Laboratory Accreditation Program Certificate Number 1060

Laboratory Report - L150908

LSR # - B793-9512-1 Project Title: TRENCH SPOILS PROGRAM

Report generated on: Apr 17, 2009 03:37 pm

12 - Samples received by the lab on: Mar 27 2009, 03:50 pm

0 - Lost Analyses

0 - Hold Time Exceedences

Turn-around-time met

Client PM: JOHN WALTER

Lab PM: KENNETH GERSTMAN

This is an electronic transmittal of a Laboratory Analytical Report

Samples included in this report:

Sample	Type	Collected	Site	Locator	ClientID
L150908-1	GRAB	27-Mar-2009 10:20	MISC	MISC	1509
L150908-2	GRAB	27-Mar-2009 10:00	MISC	MISC	1309
L150908-3	GRAB	27-Mar-2009 10:40	MISC	MISC	1609
L150908-4	GRAB	27-Mar-2009 12:30	MISC	MISC	1409
L150908-5	GRAB	27-Mar-2009 14:10	MISC	MISC	3709
L150908-6	GRAB	27-Mar-2009 14:30	MISC	MISC	3609
L150908-7	GRAB	27-Mar-2009 14:50	MISC	MISC	3509
L150908-8	GRAB	25-Mar-2009 15:50	MISC	MISC	QC-1
L150908-9	GRAB	26-Mar-2009 16:30	MISC	MISC	QC-2
L150908-10	GRAB	24-Mar-2009 14:00	MISC	MISC	Trip Blank
L150908-11	GRAB	24-Mar-2009 16:00	MISC	MISC	1109
L150908-12	GRAB	24-Mar-2009 16:30	MISC	MISC	1209

Legend to the laboratory qualifiers used in this report:

* - Duplicate value outside of control limits
D - Surrogate spike outside of control limits
N - Spike recovery outside of control limits
U - Analyte not detected
Qualifiers for subcontract work - See textvalue for description

RESULTS IN THIS REPORT ARE REPORTED IN ACCORDANCE WITH TITLE 22, SECTION 64819

EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1509
 Lab ID: L150908-1 (P152964-11)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:20am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1509; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	5.8	mg/L	2.5	5.8	5	
OIL AND GREASE (HYDROCARBON)	U	8.0	mg/L	2.5	8		
Run ID: R181938 / Work Group No.: WG153477							
Prep Date1: 13-APR-09 Analyzed 13-Apr-09 08:16							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		71.4	% recovery	1			
Run ID: R181660 / Work Group No.: WG153252							
Prep Date1: 02-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 20:34							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE		120	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		70.8	% recovery	1			
D5-CHLOROBENZENE		76.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		105	% recovery	1			
D4-DICHLOROETHANE		98.8	% recovery	1			
D8-TOLUENE		107	% recovery	1			
4-BROMOFLUOROBENZENE		108	% recovery	1			
Run ID: R182106 / Work Group No.: WG153407							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 21:45							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		6.0	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

RL is either the client requested or regulatory mandated Reporting Limit. ML is the regulatory mandated Minimum Level

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1509
 Lab ID: L150908-1 (P152964-11)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:20am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1509; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM		1.5	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER		1.8	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE		7.0	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE		2.9	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1509
 Lab ID: L150908-1 (P152964-11)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:20am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1509; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		91.0	% recovery	1			
D5-CHLOROBENZENE		98.8	% recovery	1			
D4-1,4-DICHLOROBENZENE		93.0	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		102	% recovery	1			
D4-DICHLOROETHANE		99.8	% recovery	1			
D8-TOLUENE		104	% recovery	1			
4-BROMOFLUOROBENZENE		112	% recovery	1			

Run ID: R181937 / Work Group No.: WG153406
 Prep Date: 09-APR-09 Analyzed 09-Apr-09 21:45

Method: EPA 8270C - Semivolatile Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.25	ug/L	1.23	0.25	
PYRIDINE	U	0.25	ug/L	1.23	0.25	
PHENOL		1.1	ug/L	1.23	0.25	
2-CHLOROPHENOL	U	0.25	ug/L	1.23	0.25	
BIS(2-CHLOROETHYL)ETHER	U	0.25	ug/L	1.23	0.25	
1,3-DICHLOROBENZENE	U	0.37	ug/L	1.23	0.37	
1,4-DICHLOROBENZENE	U	0.37	ug/L	1.23	0.37	
1,2-DICHLOROBENZENE	U	0.37	ug/L	1.23	0.37	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.12	ug/L	1.23	0.12	
HEXACHLOROETHANE	U	0.49	ug/L	1.23	0.49	
N-NITROSODI-N-PROPYLAMINE	U	0.12	ug/L	1.23	0.12	
NITROBENZENE	U	0.12	ug/L	1.23	0.12	
ISOPHORONE	U	0.12	ug/L	1.23	0.12	
2-NITROPHENOL	U	0.12	ug/L	1.23	0.12	
2,4-DIMETHYLPHENOL	U	0.25	ug/L	1.23	0.25	
BIS(2-CHLOROETHOXY)METHANE	U	0.12	ug/L	1.23	0.12	
2,4-DICHLOROPHENOL	U	0.37	ug/L	1.23	0.37	
1,2,4-TRICHLOROBENZENE	U	0.37	ug/L	1.23	0.37	
NAPHTHALENE	U	0.25	ug/L	1.23	0.25	

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1509
 Lab ID: L150908-1 (P152964-11)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:20am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1509; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
HEXACHLOROBUTADIENE	U	0.49	ug/L	1.23	0.49		
P-CHLORO-M-CRESOL	U	0.25	ug/L	1.23	0.25		
HEXACHLOROCYCLOPENTADIENE	U	1.2	ug/L	1.23	1.2		
2,4,6-TRICHLOROPHENOL	U	0.12	ug/L	1.23	0.12		
2-CHLORONAPHTHALENE	U	0.25	ug/L	1.23	0.25		
ACENAPHTHYLENE	U	0.12	ug/L	1.23	0.12		
DIMETHYL PHTHALATE	U	0.12	ug/L	1.23	0.12		
2,6-DINITROTOLUENE	U	0.25	ug/L	1.23	0.25		
ACENAPHTHENE	U	0.25	ug/L	1.23	0.25		
2,4-DINITROPHENOL	U	1.2	ug/L	1.23	1.2		
4-NITROPHENOL	U	2.5	ug/L	1.23	2.5		
2,4-DINITROTOLUENE	U	0.12	ug/L	1.23	0.12		
FLUORENE	U	0.25	ug/L	1.23	0.25		
4-CHLOROPHENYL PHENYL ETHER	U	0.25	ug/L	1.23	0.25		
DIETHYL PHTHALATE	U	0.12	ug/L	1.23	0.12		
4,6-DINITRO-O-CRESOL	U	1.2	ug/L	1.23	1.2		
N-NITROSODIPHENYLAMINE	U	0.12	ug/L	1.23	0.12		
AZOBENZENE	U	0.12	ug/L	1.23	0.12		
4-BROMOPHENYL PHENYL ETHER	U	0.12	ug/L	1.23	0.12		
HEXACHLOROBENZENE	U	0.25	ug/L	1.23	0.25		
PENTACHLOROPHENOL	U	2.5	ug/L	1.23	2.5		
PHENANTHRENE	U	0.12	ug/L	1.23	0.12		
ANTHRACENE	U	0.12	ug/L	1.23	0.12		
DI-N-BUTYL PHTHALATE	U	0.25	ug/L	1.23	0.25		
FLUORANTHENE	U	0.12	ug/L	1.23	0.12		
PYRENE	U	0.12	ug/L	1.23	0.12		
BUTYLBENZYL PHTHALATE	U	0.12	ug/L	1.23	0.12		
BENZIDINE	U	6.2	ug/L	1.23	6.2		
BENZO(A)ANTHRACENE	U	0.12	ug/L	1.23	0.12		
CHRYSENE	U	0.062	ug/L	1.23	0.062		
3,3'-DICHLOROBENZIDINE	U	0.12	ug/L	1.23	0.12		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.62	ug/L	1.23	0.62		
DI-N-OCTYL PHTHALATE	U	0.12	ug/L	1.23	0.12		
BENZO(B)FLUORANTHENE	U	0.12	ug/L	1.23	0.12		
BENZO(K)FLUORANTHENE	U	0.12	ug/L	1.23	0.12		
INDENO(1,2,3-CD)PYRENE	U	0.25	ug/L	1.23	0.25		
DIBENZO(A,H)ANTHRACENE	U	0.12	ug/L	1.23	0.12		
BENZO(GHI)PERYLENE	U	0.12	ug/L	1.23	0.12		
BENZO(A)PYRENE	U	0.12	ug/L	1.23	0.12		
ANILINE	U	0.25	ug/L	1.23	0.25		
BENZYL ALCOHOL	U	0.25	ug/L	1.23	0.25		
2-CRESOL	U	0.25	ug/L	1.23	0.25		
3-,4-METHYLPHENOL	U	0.12	ug/L	1.23	0.12		
BENZOIC ACID	U	1.2	ug/L	1.23	1.2		
4-CHLOROANILINE	U	0.74	ug/L	1.23	0.74		
2-METHYLNAPHTHALENE	U	0.49	ug/L	1.23	0.49		
2,4,5-TRICHLOROPHENOL	U	0.49	ug/L	1.23	0.49		
3-NITROANILINE	U	0.37	ug/L	1.23	0.37		
2-NITROANILINE	U	0.25	ug/L	1.23	0.25		
DIBENZOFURAN	U	0.37	ug/L	1.23	0.37		
4-NITROANILINE	U	0.25	ug/L	1.23	0.25		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		168	% recovery	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1509
 Lab ID: L150908-1 (P152964-11)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:20am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1509; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D8-NAPHTHALENE		164	% recovery	1	1	RL/ML	
D10-ACENAPHTHENE		149	% recovery	1	1		
D10-PHENANTHRENE		156	% recovery	1	1		
D12-CHRYSENE		153	% recovery	1	1		
D12-PERYLENE		160	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	16	% recovery	1			
D5-PHENOL	D	12	% recovery	1			
D5-NITROBENZENE		82	% recovery	1			
2-FLUOROBIPHENYL		76	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	9.2	% recovery	1			
D14-P-TERPHENYL		99	% recovery	1			
Run ID: R182112 / Work Group No.: WG153326							
Prep Date1: 30-MAR-09 Prep Date2: 07-APR-09 Analyzed 07-Apr-09 23:50							

Method: EPA 6010B - ICP Scan	GroundH2O						
<i>TARGET ANALYTES</i>							
ARSENIC		18.0	ug/L	1.1	12.1		
BARIUM		3,770	ug/L	1.1	0.77		
BERYLLIUM		2.75	ug/L	1.1	0.55		
CADMIUM		2.55	ug/L	1.1	0.99		
COBALT		100	ug/L	1.1	1.1		
CHROMIUM		370	ug/L	1.1	3.3		
COPPER		77.3	ug/L	1.1	3.3		
MOLYBDENUM		6.49	ug/L	1.1	2.2		
NICKEL		384	ug/L	1.1	3.3		
LEAD		32.5	ug/L	1.1	5.5		
ANTIMONY	U	13.2	ug/L	1.1	13.2		
SELENIUM	U	9.90	ug/L	1.1	9.9		
THALLIUM	U	14.3	ug/L	1.1	14.3		
VANADIUM		311	ug/L	1.1	4.4		
ZINC		207	ug/L	1.1	4.4		
Run ID: R182019 / Work Group No.: WG153532							
Prep Date1: 15-APR-09 Analyzed 15-Apr-09 10:44							

Method: EPA 7470 - Hg: Cold Vapor	GroundH2O						
<i>TARGET ANALYTES</i>							
MERCURY		0.26	ug/L	2.5	0.05		
Run ID: R181261 / Work Group No.: WG153170							
Prep Date1: 01-APR-09 Analyzed 01-Apr-09 08:30							

Method: EPA 7761 - Silver: Graphite Furnace	GroundH2O						
<i>TARGET ANALYTES</i>							
SILVER		0.34	ug/L	1	0.04		
Run ID: R181438 / Work Group No.: WG153238							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 08:22							

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1309
 Lab ID: L150908-2 (P152964-12)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1309; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	5.1	mg/L	2.2	5.1	5	
OIL AND GREASE (HYDROCARBON)	U	7.0	mg/L	2.2	7		
Run ID: R181938 / Work Group No.: WG153477							
Prep Date1: 13-APR-09 Analyzed 13-Apr-09 09:02							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)		7,000	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		79.5	% recovery	1			
Run ID: R181660 / Work Group No.: WG153252							
Prep Date1: 02-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 21:00							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	U	57	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		67.4	% recovery	1			
D5-CHLOROBENZENE		72.2	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		105	% recovery	1			
D4-DICHLOROETHANE		91.6	% recovery	1			
D8-TOLUENE		110	% recovery	1			
4-BROMOFLUOROBENZENE		107	% recovery	1			
Run ID: R182106 / Work Group No.: WG153407							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 22:28							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		5.4	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1309
 Lab ID: L150908-2 (P152964-12)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1309; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER		1.4	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE		23	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1309
 Lab ID: L150908-2 (P152964-12)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1309; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		86.8	% recovery	1			
D5-CHLOROBENZENE		93.8	% recovery	1			
D4-1,4-DICHLOROBENZENE		85.8	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		102	% recovery	1			
D4-DICHLOROETHANE		92.4	% recovery	1			
D8-TOLUENE		107	% recovery	1			
4-BROMOFLUOROBENZENE		111	% recovery	1			

Run ID: R181937 / Work Group No.: WG153406
 Prep Date: 09-APR-09 Analyzed 09-Apr-09 22:28

Method: EPA 8270C - Semivolatile Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.24	ug/L	1.19	0.24	
PYRIDINE	U	0.24	ug/L	1.19	0.24	
PHENOL		1.3	ug/L	1.19	0.24	
2-CHLOROPHENOL	U	0.24	ug/L	1.19	0.24	
BIS(2-CHLOROETHYL)ETHER	U	0.24	ug/L	1.19	0.24	
1,3-DICHLOROBENZENE	U	0.36	ug/L	1.19	0.36	
1,4-DICHLOROBENZENE	U	0.36	ug/L	1.19	0.36	
1,2-DICHLOROBENZENE	U	0.36	ug/L	1.19	0.36	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.12	ug/L	1.19	0.12	
HEXACHLOROETHANE	U	0.48	ug/L	1.19	0.48	
N-NITROSODI-N-PROPYLAMINE	U	0.12	ug/L	1.19	0.12	
NITROBENZENE	U	0.12	ug/L	1.19	0.12	
ISOPHORONE	U	0.12	ug/L	1.19	0.12	
2-NITROPHENOL	U	0.12	ug/L	1.19	0.12	
2,4-DIMETHYLPHENOL	U	0.24	ug/L	1.19	0.24	
BIS(2-CHLOROETHOXY)METHANE	U	0.12	ug/L	1.19	0.12	
2,4-DICHLOROPHENOL	U	0.36	ug/L	1.19	0.36	
1,2,4-TRICHLOROBENZENE	U	0.36	ug/L	1.19	0.36	
NAPHTHALENE	U	0.24	ug/L	1.19	0.24	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1309
 Lab ID: L150908-2 (P152964-12)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1309; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
HEXACHLOROBUTADIENE	U	0.48	ug/L	1.19	0.48		
P-CHLORO-M-CRESOL	U	0.24	ug/L	1.19	0.24		
HEXACHLOROCYCLOPENTADIENE	U	1.2	ug/L	1.19	1.2		
2,4,6-TRICHLOROPHENOL	U	0.12	ug/L	1.19	0.12		
2-CHLORONAPHTHALENE	U	0.24	ug/L	1.19	0.24		
ACENAPHTHYLENE	U	0.12	ug/L	1.19	0.12		
DIMETHYL PHTHALATE	U	0.12	ug/L	1.19	0.12		
2,6-DINITROTOLUENE	U	0.24	ug/L	1.19	0.24		
ACENAPHTHENE	U	0.24	ug/L	1.19	0.24		
2,4-DINITROPHENOL	U	1.2	ug/L	1.19	1.2		
4-NITROPHENOL	U	2.4	ug/L	1.19	2.4		
2,4-DINITROTOLUENE	U	0.12	ug/L	1.19	0.12		
FLUORENE	U	0.24	ug/L	1.19	0.24		
4-CHLOROPHENYL PHENYL ETHER	U	0.24	ug/L	1.19	0.24		
DIETHYL PHTHALATE	U	0.12	ug/L	1.19	0.12		
4,6-DINITRO-O-CRESOL	U	1.2	ug/L	1.19	1.2		
N-NITROSODIPHENYLAMINE	U	0.12	ug/L	1.19	0.12		
AZOBENZENE	U	0.12	ug/L	1.19	0.12		
4-BROMOPHENYL PHENYL ETHER	U	0.12	ug/L	1.19	0.12		
HEXACHLOROBENZENE	U	0.24	ug/L	1.19	0.24		
PENTACHLOROPHENOL	U	2.4	ug/L	1.19	2.4		
PHENANTHRENE	U	0.12	ug/L	1.19	0.12		
ANTHRACENE	U	0.12	ug/L	1.19	0.12		
DI-N-BUTYL PHTHALATE	U	0.24	ug/L	1.19	0.24		
FLUORANTHENE	U	0.12	ug/L	1.19	0.12		
PYRENE	U	0.12	ug/L	1.19	0.12		
BUTYLBENZYL PHTHALATE		0.13	ug/L	1.19	0.12		
BENZIDINE	U	6.0	ug/L	1.19	6		
BENZO(A)ANTHRACENE	U	0.12	ug/L	1.19	0.12		
CHRYSENE	U	0.060	ug/L	1.19	0.06		
3,3'-DICHLOROBENZIDINE	U	0.12	ug/L	1.19	0.12		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.60	ug/L	1.19	0.6		
DI-N-OCTYL PHTHALATE	U	0.12	ug/L	1.19	0.12		
BENZO(B)FLUORANTHENE	U	0.12	ug/L	1.19	0.12		
BENZO(K)FLUORANTHENE	U	0.12	ug/L	1.19	0.12		
INDENO(1,2,3-CD)PYRENE	U	0.24	ug/L	1.19	0.24		
DIBENZO(A,H)ANTHRACENE	U	0.12	ug/L	1.19	0.12		
BENZO(GHI)PERYLENE	U	0.12	ug/L	1.19	0.12		
BENZO(A)PYRENE	U	0.12	ug/L	1.19	0.12		
ANILINE	U	0.24	ug/L	1.19	0.24		
BENZYL ALCOHOL	U	0.24	ug/L	1.19	0.24		
2-CRESOL	U	0.24	ug/L	1.19	0.24		
3-,4-METHYLPHENOL	U	0.12	ug/L	1.19	0.12		
BENZOIC ACID	U	1.2	ug/L	1.19	1.2		
4-CHLOROANILINE	U	0.71	ug/L	1.19	0.71		
2-METHYLNAPHTHALENE	U	0.48	ug/L	1.19	0.48		
2,4,5-TRICHLOROPHENOL	U	0.48	ug/L	1.19	0.48		
3-NITROANILINE	U	0.36	ug/L	1.19	0.36		
2-NITROANILINE	U	0.24	ug/L	1.19	0.24		
DIBENZOFURAN	U	0.36	ug/L	1.19	0.36		
4-NITROANILINE	U	0.24	ug/L	1.19	0.24		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		98.0	% recovery	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1309
 Lab ID: L150908-2 (P152964-12)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1309; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D8-NAPHTHALENE		101	% recovery	1	1	RL/ML	
D10-ACENAPHTHENE		95.3	% recovery	1	1		
D10-PHENANTHRENE		96.9	% recovery	1	1		
D12-CHRYSENE		96.0	% recovery	1	1		
D12-PERYLENE		101	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	37	% recovery	1			
D5-PHENOL	D	22	% recovery	1			
D5-NITROBENZENE		75	% recovery	1			
2-FLUOROBIPHENYL		72	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	64	% recovery	1			
D14-P-TERPHEENYL		96	% recovery	1			
Run ID: R182112 / Work Group No.: WG153326							
Prep Date1: 30-MAR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 00:34							

Method: EPA 6010B - ICP Scan	GroundH2O						
<i>TARGET ANALYTES</i>							
ARSENIC	U	12.1	ug/L	1.1	12.1		
BARIUM		261	ug/L	1.1	0.77		
BERYLLIUM	U	0.550	ug/L	1.1	0.55		
CADMIUM	U	0.990	ug/L	1.1	0.99		
COBALT		3.52	ug/L	1.1	1.1		
CHROMIUM		8.07	ug/L	1.1	3.3		
COPPER	U	3.30	ug/L	1.1	3.3		
MOLYBDENUM		12.9	ug/L	1.1	2.2		
NICKEL		12.2	ug/L	1.1	3.3		
LEAD	U	5.50	ug/L	1.1	5.5		
ANTIMONY	U	13.2	ug/L	1.1	13.2		
SELENIUM	U	9.90	ug/L	1.1	9.9		
THALLIUM	U	14.3	ug/L	1.1	14.3		
VANADIUM	U	4.40	ug/L	1.1	4.4		
ZINC		6.66	ug/L	1.1	4.4		
Run ID: R182019 / Work Group No.: WG153532							
Prep Date1: 15-APR-09 Analyzed 15-Apr-09 10:47							

Method: EPA 7470 - Hg: Cold Vapor	GroundH2O						
<i>TARGET ANALYTES</i>							
MERCURY	U	0.020	ug/L	1	0.02		
Run ID: R181261 / Work Group No.: WG153170							
Prep Date1: 01-APR-09 Analyzed 01-Apr-09 08:30							

Method: EPA 7761 - Silver: Graphite Furnace	GroundH2O						
<i>TARGET ANALYTES</i>							
SILVER	U	0.040	ug/L	1	0.04		
Run ID: R181438 / Work Group No.: WG153238							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 08:22							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1609
 Lab ID: L150908-3 (P152964-13)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:40am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1609; Not enough volume
 to sample for 1664-SGT and 8270; Groundwater Suite B (field filtered
 metals); 8260 and Gasoline canceled by KMG on 7-APR-09 as sample contained
 >30% soil in water

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		79.9	% recovery	1			
Run ID: R181660 / Work Group No.: WG153252							
Prep Date1: 02-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 21:26							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1409
 Lab ID: L150908-4 (P152964-14)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 12:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1409; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	5.8	mg/L	2.5	5.8	5	
OIL AND GREASE (HYDROCARBON)	U	8.0	mg/L	2.5	8		
Run ID: R181938 / Work Group No.: WG153477							
Prep Date1: 13-APR-09 Analyzed 13-Apr-09 09:18							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		63.9	% recovery	1			
Run ID: R181660 / Work Group No.: WG153252							
Prep Date1: 02-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 21:52							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	U	57	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		66.0	% recovery	1			
D5-CHLOROBENZENE		71.8	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		107	% recovery	1			
D4-DICHLOROETHANE		103	% recovery	1			
D8-TOLUENE		104	% recovery	1			
4-BROMOFLUOROBENZENE		101	% recovery	1			
Run ID: R182106 / Work Group No.: WG153407							
Prep Date1: 09-APR-09 Analyzed 10-Apr-09 10:17							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		4.3	ug/L	1	2		
ACROLEIN	U,N	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U,N	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U,N	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U,N	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1409
 Lab ID: L150908-4 (P152964-14)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 12:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1409; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U,*	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U,N	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U,N	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U,N	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U,N	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U,N	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	N	21	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1409
 Lab ID: L150908-4 (P152964-14)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 12:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1409; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U,N	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U,N	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U,N	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U,N	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		85.0	% recovery	1			
D5-CHLOROBENZENE		93.4	% recovery	1			
D4-1,4-DICHLOROBENZENE		89.6	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		103	% recovery	1			
D4-DICHLOROETHANE		104	% recovery	1			
D8-TOLUENE		101	% recovery	1			
4-BROMOFLUOROBENZENE		105	% recovery	1			

Run ID: R181937 / Work Group No.: WG153406
 Prep Date: 09-APR-09 Analyzed 10-Apr-09 10:17

Method: EPA 8270C - Semivolatile Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.28	ug/L	1.39	0.28	
PYRIDINE	U	0.28	ug/L	1.39	0.28	
PHENOL		1.2	ug/L	1.39	0.28	
2-CHLOROPHENOL	U	0.28	ug/L	1.39	0.28	
BIS(2-CHLOROETHYL)ETHER	U	0.28	ug/L	1.39	0.28	
1,3-DICHLOROBENZENE	U	0.42	ug/L	1.39	0.42	
1,4-DICHLOROBENZENE	U	0.42	ug/L	1.39	0.42	
1,2-DICHLOROBENZENE	U	0.42	ug/L	1.39	0.42	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.14	ug/L	1.39	0.14	
HEXACHLOROETHANE	U	0.56	ug/L	1.39	0.56	
N-NITROSODI-N-PROPYLAMINE	U	0.14	ug/L	1.39	0.14	
NITROBENZENE	U	0.14	ug/L	1.39	0.14	
ISOPHORONE	U	0.14	ug/L	1.39	0.14	
2-NITROPHENOL	U	0.14	ug/L	1.39	0.14	
2,4-DIMETHYLPHENOL	U	0.28	ug/L	1.39	0.28	
BIS(2-CHLOROETHOXY)METHANE	U	0.14	ug/L	1.39	0.14	
2,4-DICHLOROPHENOL	U	0.42	ug/L	1.39	0.42	
1,2,4-TRICHLOROBENZENE	U	0.42	ug/L	1.39	0.42	
NAPHTHALENE	U	0.28	ug/L	1.39	0.28	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1409
 Lab ID: L150908-4 (P152964-14)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 12:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1409; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
HEXACHLOROBUTADIENE	U	0.56	ug/L	1.39	0.56		
P-CHLORO-M-CRESOL	U	0.28	ug/L	1.39	0.28		
HEXACHLOROCYCLOPENTADIENE	U	1.4	ug/L	1.39	1.4		
2,4,6-TRICHLOROPHENOL	U	0.14	ug/L	1.39	0.14		
2-CHLORONAPHTHALENE	U	0.28	ug/L	1.39	0.28		
ACENAPHTHYLENE	U	0.14	ug/L	1.39	0.14		
DIMETHYL PHTHALATE	U	0.14	ug/L	1.39	0.14		
2,6-DINITROTOLUENE	U	0.28	ug/L	1.39	0.28		
ACENAPHTHENE	U	0.28	ug/L	1.39	0.28		
2,4-DINITROPHENOL	U	1.4	ug/L	1.39	1.4		
4-NITROPHENOL	U	2.8	ug/L	1.39	2.8		
2,4-DINITROTOLUENE	U	0.14	ug/L	1.39	0.14		
FLUORENE	U	0.28	ug/L	1.39	0.28		
4-CHLOROPHENYL PHENYL ETHER	U	0.28	ug/L	1.39	0.28		
DIETHYL PHTHALATE	U	0.14	ug/L	1.39	0.14		
4,6-DINITRO-O-CRESOL	U	1.4	ug/L	1.39	1.4		
N-NITROSODIPHENYLAMINE	U	0.14	ug/L	1.39	0.14		
AZOBENZENE	U	0.14	ug/L	1.39	0.14		
4-BROMOPHENYL PHENYL ETHER	U	0.14	ug/L	1.39	0.14		
HEXACHLOROBENZENE	U	0.28	ug/L	1.39	0.28		
PENTACHLOROPHENOL	U	2.8	ug/L	1.39	2.8		
PHENANTHRENE	U	0.14	ug/L	1.39	0.14		
ANTHRACENE	U	0.14	ug/L	1.39	0.14		
DI-N-BUTYL PHTHALATE	U	0.28	ug/L	1.39	0.28		
FLUORANTHENE	U	0.14	ug/L	1.39	0.14		
PYRENE	U	0.14	ug/L	1.39	0.14		
BUTYLBENZYL PHTHALATE	U	0.14	ug/L	1.39	0.14		
BENZIDINE	U	6.9	ug/L	1.39	6.9		
BENZO(A)ANTHRACENE	U	0.14	ug/L	1.39	0.14		
CHRYSENE	U	0.069	ug/L	1.39	0.069		
3,3'-DICHLOROBENZIDINE	U	0.14	ug/L	1.39	0.14		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.69	ug/L	1.39	0.69		
DI-N-OCTYL PHTHALATE	U	0.14	ug/L	1.39	0.14		
BENZO(B)FLUORANTHENE	U	0.14	ug/L	1.39	0.14		
BENZO(K)FLUORANTHENE	U	0.14	ug/L	1.39	0.14		
INDENO(1,2,3-CD)PYRENE	U	0.28	ug/L	1.39	0.28		
DIBENZO(A,H)ANTHRACENE	U	0.14	ug/L	1.39	0.14		
BENZO(GHI)PERYLENE	U	0.14	ug/L	1.39	0.14		
BENZO(A)PYRENE	U	0.14	ug/L	1.39	0.14		
ANILINE	U	0.28	ug/L	1.39	0.28		
BENZYL ALCOHOL	U	0.28	ug/L	1.39	0.28		
2-CRESOL	U	0.28	ug/L	1.39	0.28		
3-,4-METHYLPHENOL	U	0.14	ug/L	1.39	0.14		
BENZOIC ACID	U	1.4	ug/L	1.39	1.4		
4-CHLOROANILINE	U	0.83	ug/L	1.39	0.83		
2-METHYLNAPHTHALENE	U	0.56	ug/L	1.39	0.56		
2,4,5-TRICHLOROPHENOL	U	0.56	ug/L	1.39	0.56		
3-NITROANILINE	U	0.42	ug/L	1.39	0.42		
2-NITROANILINE	U	0.28	ug/L	1.39	0.28		
DIBENZOFURAN	U	0.42	ug/L	1.39	0.42		
4-NITROANILINE	U	0.28	ug/L	1.39	0.28		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		98.0	% recovery	1	1		

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1409
 Lab ID: L150908-4 (P152964-14)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 12:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1409; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D8-NAPHTHALENE		99.2	% recovery	1	1	RL/ML	
D10-ACENAPHTHENE		94.2	% recovery	1	1		
D10-PHENANTHRENE		97.3	% recovery	1	1		
D12-CHRYSENE		94.1	% recovery	1	1		
D12-PERYLENE		98.2	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	45	% recovery	1			
D5-PHENOL	D	29	% recovery	1			
D5-NITROBENZENE		83	% recovery	1			
2-FLUOROBIPHENYL		75	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	63	% recovery	1			
D14-P-TERPHEENYL		100	% recovery	1			
Run ID: R182112 / Work Group No.: WG153326							
Prep Date1: 30-MAR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 01:17							

Method: EPA 6010B - ICP Scan	GroundH2O						
<i>TARGET ANALYTES</i>							
ARSENIC	U	12.1	ug/L	1.1	12.1		
BARIUM		224	ug/L	1.1	0.77		
BERYLLIUM	U	0.550	ug/L	1.1	0.55		
CADMIUM	U	0.990	ug/L	1.1	0.99		
COBALT		15.5	ug/L	1.1	1.1		
CHROMIUM		42.6	ug/L	1.1	3.3		
COPPER		28.6	ug/L	1.1	3.3		
MOLYBDENUM		11.8	ug/L	1.1	2.2		
NICKEL		36.2	ug/L	1.1	3.3		
LEAD		25.4	ug/L	1.1	5.5		
ANTIMONY	U	13.2	ug/L	1.1	13.2		
SELENIUM	U	9.90	ug/L	1.1	9.9		
THALLIUM	U	14.3	ug/L	1.1	14.3		
VANADIUM		28.1	ug/L	1.1	4.4		
ZINC		76.6	ug/L	1.1	4.4		
Run ID: R182019 / Work Group No.: WG153532							
Prep Date1: 15-APR-09 Analyzed 15-Apr-09 10:51							

Method: EPA 7470 - Hg: Cold Vapor	GroundH2O						
<i>TARGET ANALYTES</i>							
MERCURY		0.12	ug/L	1	0.02		
Run ID: R181261 / Work Group No.: WG153170							
Prep Date1: 01-APR-09 Analyzed 01-Apr-09 08:30							

Method: EPA 7761 - Silver: Graphite Furnace	GroundH2O						
<i>TARGET ANALYTES</i>							
SILVER		0.060	ug/L	1	0.04		
Run ID: R181438 / Work Group No.: WG153238							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 08:22							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 3709
 Lab ID: L150908-5 (P152964-15)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 02:10pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3709; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	7.7	mg/L	3.33	7.7	5	
OIL AND GREASE (HYDROCARBON)	U	11	mg/L	3.33	11		
Run ID: R181938 / Work Group No.: WG153477							
Prep Date1: 13-APR-09 Analyzed 13-Apr-09 09:44							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		51.8	% recovery	1			
Run ID: R181660 / Work Group No.: WG153252							
Prep Date1: 02-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 22:18							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	U	57	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		64.6	% recovery	1			
D5-CHLOROBENZENE		66.2	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		104	% recovery	1			
D4-DICHLOROETHANE		80.2	% recovery	1			
D8-TOLUENE		105	% recovery	1			
4-BROMOFLUOROBENZENE		107	% recovery	1			
Run ID: R182106 / Work Group No.: WG153407							
Prep Date1: 09-APR-09 Analyzed 10-Apr-09 09:33							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		13	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE		0.76	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 3709
 Lab ID: L150908-5 (P152964-15)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 02:10pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3709; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER		2.1	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE		13	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 3709
 Lab ID: L150908-5 (P152964-15)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 02:10pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3709; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE		0.68	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		83.4	% recovery	1			
D5-CHLOROBENZENE		86.0	% recovery	1			
D4-1,4-DICHLOROBENZENE		85.8	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		101	% recovery	1			
D4-DICHLOROETHANE		82.2	% recovery	1			
D8-TOLUENE		101	% recovery	1			
4-BROMOFLUOROBENZENE		111	% recovery	1			

Run ID: R181937 / Work Group No.: WG153406
 Prep Date: 09-APR-09 Analyzed 10-Apr-09 09:33

Method: EPA 8270C - Semivolatile Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.26	ug/L	1.32	0.26	
PYRIDINE	U	0.26	ug/L	1.32	0.26	
PHENOL		0.53	ug/L	1.32	0.26	
2-CHLOROPHENOL	U	0.26	ug/L	1.32	0.26	
BIS(2-CHLOROETHYL)ETHER	U	0.26	ug/L	1.32	0.26	
1,3-DICHLOROBENZENE	U	0.39	ug/L	1.32	0.39	
1,4-DICHLOROBENZENE	U	0.39	ug/L	1.32	0.39	
1,2-DICHLOROBENZENE	U	0.39	ug/L	1.32	0.39	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.13	ug/L	1.32	0.13	
HEXACHLOROETHANE	U	0.53	ug/L	1.32	0.53	
N-NITROSODI-N-PROPYLAMINE	U	0.13	ug/L	1.32	0.13	
NITROBENZENE	U	0.13	ug/L	1.32	0.13	
ISOPHORONE		0.18	ug/L	1.32	0.13	
2-NITROPHENOL	U	0.13	ug/L	1.32	0.13	
2,4-DIMETHYLPHENOL	U	0.26	ug/L	1.32	0.26	
BIS(2-CHLOROETHOXY)METHANE	U	0.13	ug/L	1.32	0.13	
2,4-DICHLOROPHENOL	U	0.39	ug/L	1.32	0.39	
1,2,4-TRICHLOROBENZENE	U	0.39	ug/L	1.32	0.39	
NAPHTHALENE	U	0.26	ug/L	1.32	0.26	

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 3709
 Lab ID: L150908-5 (P152964-15)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 02:10pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3709; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
HEXACHLOROBUTADIENE	U	0.53	ug/L	1.32	0.53		
P-CHLORO-M-CRESOL	U	0.26	ug/L	1.32	0.26		
HEXACHLOROCYCLOPENTADIENE	U	1.3	ug/L	1.32	1.3		
2,4,6-TRICHLOROPHENOL	U	0.13	ug/L	1.32	0.13		
2-CHLORONAPHTHALENE	U	0.26	ug/L	1.32	0.26		
ACENAPHTHYLENE	U	0.13	ug/L	1.32	0.13		
DIMETHYL PHTHALATE	U	0.13	ug/L	1.32	0.13		
2,6-DINITROTOLUENE	U	0.26	ug/L	1.32	0.26		
ACENAPHTHENE	U	0.26	ug/L	1.32	0.26		
2,4-DINITROPHENOL	U	1.3	ug/L	1.32	1.3		
4-NITROPHENOL	U	2.6	ug/L	1.32	2.6		
2,4-DINITROTOLUENE	U	0.13	ug/L	1.32	0.13		
FLUORENE	U	0.26	ug/L	1.32	0.26		
4-CHLOROPHENYL PHENYL ETHER	U	0.26	ug/L	1.32	0.26		
DIETHYL PHTHALATE	U	0.13	ug/L	1.32	0.13		
4,6-DINITRO-O-CRESOL	U	1.3	ug/L	1.32	1.3		
N-NITROSODIPHENYLAMINE	U	0.13	ug/L	1.32	0.13		
AZOBENZENE	U	0.13	ug/L	1.32	0.13		
4-BROMOPHENYL PHENYL ETHER	U	0.13	ug/L	1.32	0.13		
HEXACHLOROBENZENE	U	0.26	ug/L	1.32	0.26		
PENTACHLOROPHENOL	U	2.6	ug/L	1.32	2.6		
PHENANTHRENE	U	0.13	ug/L	1.32	0.13		
ANTHRACENE	U	0.13	ug/L	1.32	0.13		
DI-N-BUTYL PHTHALATE	U	0.26	ug/L	1.32	0.26		
FLUORANTHENE	U	0.13	ug/L	1.32	0.13		
PYRENE	U	0.13	ug/L	1.32	0.13		
BUTYLBENZYL PHTHALATE	U	0.13	ug/L	1.32	0.13		
BENZIDINE	U	6.6	ug/L	1.32	6.6		
BENZO(A)ANTHRACENE	U	0.13	ug/L	1.32	0.13		
CHRYSENE	U	0.066	ug/L	1.32	0.066		
3,3'-DICHLOROBENZIDINE	U	0.13	ug/L	1.32	0.13		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.66	ug/L	1.32	0.66		
DI-N-OCTYL PHTHALATE	U	0.13	ug/L	1.32	0.13		
BENZO(B)FLUORANTHENE	U	0.13	ug/L	1.32	0.13		
BENZO(K)FLUORANTHENE	U	0.13	ug/L	1.32	0.13		
INDENO(1,2,3-CD)PYRENE	U	0.26	ug/L	1.32	0.26		
DIBENZO(A,H)ANTHRACENE	U	0.13	ug/L	1.32	0.13		
BENZO(GHI)PERYLENE	U	0.13	ug/L	1.32	0.13		
BENZO(A)PYRENE	U	0.13	ug/L	1.32	0.13		
ANILINE	U	0.26	ug/L	1.32	0.26		
BENZYL ALCOHOL	U	0.26	ug/L	1.32	0.26		
2-CRESOL	U	0.26	ug/L	1.32	0.26		
3-,4-METHYLPHENOL	U	0.13	ug/L	1.32	0.13		
BENZOIC ACID	U	1.3	ug/L	1.32	1.3		
4-CHLOROANILINE	U	0.79	ug/L	1.32	0.79		
2-METHYLNAPHTHALENE	U	0.53	ug/L	1.32	0.53		
2,4,5-TRICHLOROPHENOL	U	0.53	ug/L	1.32	0.53		
3-NITROANILINE	U	0.39	ug/L	1.32	0.39		
2-NITROANILINE	U	0.26	ug/L	1.32	0.26		
DIBENZOFURAN	U	0.39	ug/L	1.32	0.39		
4-NITROANILINE	U	0.26	ug/L	1.32	0.26		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		107	% recovery	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 3709
 Lab ID: L150908-5 (P152964-15)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 02:10pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3709; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
D8-NAPHTHALENE		109	% recovery	1	1		
D10-ACENAPHTHENE		104	% recovery	1	1		
D10-PHENANTHRENE		104	% recovery	1	1		
D12-CHRYSENE		104	% recovery	1	1		
D12-PERYLENE		110	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	41	% recovery	1			
D5-PHENOL	D	25	% recovery	1			
D5-NITROBENZENE		75	% recovery	1			
2-FLUOROBIPHENYL		70	% recovery	1			
2,4,6-TRIBROMOPHENOL		70	% recovery	1			
D14-P-TERPHENYL		99	% recovery	1			

Run ID: R182112 / Work Group No.: WG153326

Prep Date1: 30-MAR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 02:01

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 3609
 Lab ID: L150908-6 (P152964-16)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 02:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3609; Insufficient
 volume for metals, 8270, diesel; Groundwater Suite B (field filtered
 metals); 8260 and Gasoline canceled by KMG on 7-APR-09 as sample contained
 >30% soil in water

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	8.2	mg/L	3.57	8.2	5	
OIL AND GREASE (HYDROCARBON)	U	11	mg/L	3.57	11		
Run ID: R181938 / Work Group No.: WG153477							
Prep Date1: 13-APR-09 Analyzed 13-Apr-09 10:00							

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 3509
 Lab ID: L150908-7 (P152964-17)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 02:50pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3509; Insufficient
 volume for metals, 8270 sample; Groundwater Suite B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	6.8	mg/L	2.94	6.8	5	
OIL AND GREASE (HYDROCARBON)	U	9.4	mg/L	2.94	9.4		
Run ID: R181938 / Work Group No.: WG153477							
Prep Date1: 13-APR-09 Analyzed 13-Apr-09 10:44							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)		5,800	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		73.7	% recovery	1			
Run ID: R181660 / Work Group No.: WG153252							
Prep Date1: 02-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 22:44							

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: QC-1
 Lab ID: L150908-8 (P152964-18)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 25 2009, 03:50pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: QC-1; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	

Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS

GroundH2O

TARGET ANALYTES

GASOLINE	U	57	ug/L	1	57		
INTERNAL STANDARD							
FLUOROBENZENE		115	% recovery	1			
D5-CHLOROBENZENE		111	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		109	% recovery	1			
D4-DICHLOROETHANE		98.6	% recovery	1			
D8-TOLUENE		96.2	% recovery	1			
4-BROMOFLUOROBENZENE		93.2	% recovery	1			

Run ID: R181931 / Work Group No.: WG153295
 Prep Date: 06-APR-09 Analyzed 06-Apr-09 23:35

Method: EPA 8260B - Volatile Organics: GC/MS

GroundH2O

TARGET ANALYTES

ACETONE	U	2.0	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYLVINYL ETHER	U,N	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: QC-1
 Lab ID: L150908-8 (P152964-18)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 25 2009, 03:50pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: QC-1; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U,N,*	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U,N,*	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	1.7	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE		1.9	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE		0.75	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: QC-1
 Lab ID: L150908-8 (P152964-18)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 25 2009, 03:50pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: QC-1; Groundwater Suite
 B (field filtered metals)

Method Reference	Parameter	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
	VINYL ACETATE	U	0.20	ug/L	1	0.2	RL/ML	
	VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
	O-XYLENE	U	0.60	ug/L	1	0.6		
	M+P XYLENES	U	1.0	ug/L	1	1		
<i>INTERNAL STANDARD</i>								
	FLUOROBENZENE		91.4	% recovery	1			
	D5-CHLOROBENZENE		87.4	% recovery	1			
	D4-1,4-DICHLOROBENZENE	N	26.6	% recovery	1			
<i>SURROGATE</i>								
	DIBROMOFLUOROMETHANE		112	% recovery	1			
	D4-DICHLOROETHANE		100	% recovery	1			
	D8-TOLUENE		96.4	% recovery	1			
	4-BROMOFLUOROBENZENE		88.8	% recovery	1			

Run ID: R181924 / Work Group No.: WG153293
 Prep Date: 06-APR-09 Analyzed 06-Apr-09 23:35

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: QC-2
 Lab ID: L150908-9 (P152964-19)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 04:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: QC-2; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
TARGET ANALYTES							
GASOLINE	U	57	ug/L	1	57		
INTERNAL STANDARD							
FLUOROBENZENE		115	% recovery	1			
D5-CHLOROBENZENE		107	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		107	% recovery	1			
D4-DICHLOROETHANE		98.4	% recovery	1			
D8-TOLUENE		97.8	% recovery	1			
4-BROMOFLUOROBENZENE		95.8	% recovery	1			
Run ID: R181931 / Work Group No.: WG153295							
Prep Date: 06-APR-09 Analyzed 07-Apr-09 00:15							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
TARGET ANALYTES							
ACETONE		2.4	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYLVINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: QC-2
 Lab ID: L150908-9 (P152964-19)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 04:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: QC-2; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	1.7	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE		0.75	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: QC-2
 Lab ID: L150908-9 (P152964-19)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 04:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: QC-2; Groundwater Suite
 B (field filtered metals)

Method Reference	Parameter	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
	VINYL ACETATE	U	0.20	ug/L	1	0.2	RL/ML	
	VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
	O-XYLENE	U	0.60	ug/L	1	0.6		
	M+P XYLENES	U	1.0	ug/L	1	1		
	<i>INTERNAL STANDARD</i>							
	FLUOROBENZENE		91.0	% recovery	1			
	D5-CHLOROBENZENE		84.0	% recovery	1			
	D4-1,4-DICHLOROBENZENE	N	31.8	% recovery	1			
	<i>SURROGATE</i>							
	DIBROMOFLUOROMETHANE		109	% recovery	1			
	D4-DICHLOROETHANE		100	% recovery	1			
	D8-TOLUENE		97.8	% recovery	1			
	4-BROMOFLUOROBENZENE		91.6	% recovery	1			

Run ID: R181924 / Work Group No.: WG153293
 Prep Date: 06-APR-09 Analyzed 07-Apr-09 00:15

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Trip Blank
 Lab ID: L150908-10 (P152964-20)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 02:00pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: Trip Blank; Groundwater Suite B

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
TARGET ANALYTES							
ACETONE	U	2.0	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYLVINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Trip Blank
 Lab ID: L150908-10 (P152964-20)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 02:00pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: Trip Blank; Groundwater Suite B

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	1.7	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE		0.76	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		88.4	% recovery	1			
D5-CHLOROBENZENE		84.2	% recovery	1			
D4-1,4-DICHLOROBENZENE	N	39.4	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		112	% recovery	1			
D4-DICHLOROETHANE		99.4	% recovery	1			
D8-TOLUENE		101	% recovery	1			
4-BROMOFLUOROBENZENE		97.2	% recovery	1			

Run ID: R181924 / Work Group No.: WG153293
 Prep Date: 06-APR-09 Analyzed 07-Apr-09 00:54

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EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
Locator: MISC Miscellaneous sample, see sample comments for location
ClientID: Trip Blank
Lab ID: L150908-10 (P152964-20)
Sample Type: GRAB (Instantaneous Grab)
Date Collected: Mar 24 2009, 02:00pm Sample collector: S Parker
Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
Sample Comments: Adeline Maintenance Facility Groundwater Location: Trip Blank; Groundwater
Suite B

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1109
 Lab ID: L150908-11 (P152964-21)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 04:00pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1109; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	5.2	mg/L	2.27	5.2	5	
OIL AND GREASE (HYDROCARBON)	U	7.3	mg/L	2.27	7.3		
Run ID: R181938 / Work Group No.: WG153477							
Prep Date1: 13-APR-09 Analyzed 13-Apr-09 10:44							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		75.5	% recovery	1			
Run ID: R181660 / Work Group No.: WG153252							
Prep Date1: 02-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 23:10							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	U	57	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		111	% recovery	1			
D5-CHLOROBENZENE		105	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		110	% recovery	1			
D4-DICHLOROETHANE		102	% recovery	1			
D8-TOLUENE		103	% recovery	1			
4-BROMOFLUOROBENZENE		104	% recovery	1			
Run ID: R181931 / Work Group No.: WG153295							
Prep Date1: 06-APR-09 Analyzed 07-Apr-09 01:33							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE	U	2.0	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1109
 Lab ID: L150908-11 (P152964-21)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 04:00pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1109; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	1.7	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1109
 Lab ID: L150908-11 (P152964-21)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 04:00pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1109; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		87.6	% recovery	1			
D5-CHLOROBENZENE		82.8	% recovery	1			
D4-1,4-DICHLOROBENZENE	N	46.4	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		112	% recovery	1			
D4-DICHLOROETHANE		103	% recovery	1			
D8-TOLUENE		103	% recovery	1			
4-BROMOFLUOROBENZENE		99.0	% recovery	1			

Run ID: R181924 / Work Group No.: WG153293
 Prep Date: 06-APR-09 Analyzed 07-Apr-09 01:33

Method: EPA 8270C - Semivolatiles Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.21	ug/L	1.06	0.21	
PYRIDINE	U	0.21	ug/L	1.06	0.21	
PHENOL	U	0.21	ug/L	1.06	0.21	
2-CHLOROPHENOL	U	0.21	ug/L	1.06	0.21	
BIS(2-CHLOROETHYL)ETHER	U	0.21	ug/L	1.06	0.21	
1,3-DICHLOROBENZENE	U	0.32	ug/L	1.06	0.32	
1,4-DICHLOROBENZENE	U	0.32	ug/L	1.06	0.32	
1,2-DICHLOROBENZENE	U	0.32	ug/L	1.06	0.32	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.11	ug/L	1.06	0.11	
HEXACHLOROETHANE	U	0.43	ug/L	1.06	0.43	
N-NITROSODI-N-PROPYLAMINE	U	0.11	ug/L	1.06	0.11	
NITROBENZENE	U	0.11	ug/L	1.06	0.11	
ISOPHORONE	U	0.11	ug/L	1.06	0.11	
2-NITROPHENOL	U	0.11	ug/L	1.06	0.11	
2,4-DIMETHYLPHENOL	U	0.21	ug/L	1.06	0.21	
BIS(2-CHLOROETHOXY)METHANE	U	0.11	ug/L	1.06	0.11	
2,4-DICHLOROPHENOL	U	0.32	ug/L	1.06	0.32	
1,2,4-TRICHLOROBENZENE	U	0.32	ug/L	1.06	0.32	
NAPHTHALENE	U	0.21	ug/L	1.06	0.21	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1109
 Lab ID: L150908-11 (P152964-21)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 04:00pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1109; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
HEXACHLOROBUTADIENE	U	0.43	ug/L	1.06	0.43		
P-CHLORO-M-CRESOL	U	0.21	ug/L	1.06	0.21		
HEXACHLOROCYCLOPENTADIENE	U	1.1	ug/L	1.06	1.1		
2,4,6-TRICHLOROPHENOL	U	0.11	ug/L	1.06	0.11		
2-CHLORONAPHTHALENE	U	0.21	ug/L	1.06	0.21		
ACENAPHTHYLENE	U	0.11	ug/L	1.06	0.11		
DIMETHYL PHTHALATE	U	0.11	ug/L	1.06	0.11		
2,6-DINITROTOLUENE	U	0.21	ug/L	1.06	0.21		
ACENAPHTHENE	U	0.21	ug/L	1.06	0.21		
2,4-DINITROPHENOL	U	1.1	ug/L	1.06	1.1		
4-NITROPHENOL	U	2.1	ug/L	1.06	2.1		
2,4-DINITROTOLUENE	U	0.11	ug/L	1.06	0.11		
FLUORENE	U	0.21	ug/L	1.06	0.21		
4-CHLOROPHENYL PHENYL ETHER	U	0.21	ug/L	1.06	0.21		
DIETHYL PHTHALATE	U	0.11	ug/L	1.06	0.11		
4,6-DINITRO-O-CRESOL	U	1.1	ug/L	1.06	1.1		
N-NITROSODIPHENYLAMINE	U	0.11	ug/L	1.06	0.11		
AZOBENZENE	U	0.11	ug/L	1.06	0.11		
4-BROMOPHENYL PHENYL ETHER	U	0.11	ug/L	1.06	0.11		
HEXACHLOROBENZENE	U	0.21	ug/L	1.06	0.21		
PENTACHLOROPHENOL	U	2.1	ug/L	1.06	2.1		
PHENANTHRENE	U	0.11	ug/L	1.06	0.11		
ANTHRACENE	U	0.11	ug/L	1.06	0.11		
DI-N-BUTYL PHTHALATE	U	0.21	ug/L	1.06	0.21		
FLUORANTHENE	U	0.11	ug/L	1.06	0.11		
PYRENE	U	0.11	ug/L	1.06	0.11		
BUTYLBENZYL PHTHALATE	U	0.11	ug/L	1.06	0.11		
BENZIDINE	U	5.3	ug/L	1.06	5.3		
BENZO(A)ANTHRACENE	U	0.11	ug/L	1.06	0.11		
CHRYSENE	U	0.053	ug/L	1.06	0.053		
3,3'-DICHLOROBENZIDINE	U	0.11	ug/L	1.06	0.11		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.53	ug/L	1.06	0.53		
DI-N-OCTYL PHTHALATE	U	0.11	ug/L	1.06	0.11		
BENZO(B)FLUORANTHENE	U	0.11	ug/L	1.06	0.11		
BENZO(K)FLUORANTHENE	U	0.11	ug/L	1.06	0.11		
INDENO(1,2,3-CD)PYRENE	U	0.21	ug/L	1.06	0.21		
DIBENZO(A,H)ANTHRACENE	U	0.11	ug/L	1.06	0.11		
BENZO(GHI)PERYLENE	U	0.11	ug/L	1.06	0.11		
BENZO(A)PYRENE	U	0.11	ug/L	1.06	0.11		
ANILINE	U	0.21	ug/L	1.06	0.21		
BENZYL ALCOHOL	U	0.21	ug/L	1.06	0.21		
2-CRESOL	U	0.21	ug/L	1.06	0.21		
3-,4-METHYLPHENOL	U	0.11	ug/L	1.06	0.11		
BENZOIC ACID	U	1.1	ug/L	1.06	1.1		
4-CHLOROANILINE	U	0.64	ug/L	1.06	0.64		
2-METHYLNAPHTHALENE	U	0.43	ug/L	1.06	0.43		
2,4,5-TRICHLOROPHENOL	U	0.43	ug/L	1.06	0.43		
3-NITROANILINE	U	0.32	ug/L	1.06	0.32		
2-NITROANILINE	U	0.21	ug/L	1.06	0.21		
DIBENZOFURAN	U	0.32	ug/L	1.06	0.32		
4-NITROANILINE	U	0.21	ug/L	1.06	0.21		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		104	% recovery	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1109
 Lab ID: L150908-11 (P152964-21)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 04:00pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1109; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D8-NAPHTHALENE		102	% recovery	1	1	RL/ML	
D10-ACENAPHTHENE		93.6	% recovery	1	1		
D10-PHENANTHRENE		98.2	% recovery	1	1		
D12-CHRYSENE		95.5	% recovery	1	1		
D12-PERYLENE		98.5	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	25	% recovery	1			
D5-PHENOL	D	13	% recovery	1			
D5-NITROBENZENE		81	% recovery	1			
2-FLUOROBIPHENYL		71	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	47	% recovery	1			
D14-P-TERPHEENYL		100	% recovery	1			
Run ID: R182112 / Work Group No.: WG153326							
Prep Date1: 30-MAR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 04:56							

Method: EPA 6010B - ICP Scan	GroundH2O						
<i>TARGET ANALYTES</i>							
ARSENIC	U	12.1	ug/L	1.1	12.1		
BARIUM		227	ug/L	1.1	0.77		
BERYLLIUM	U	0.550	ug/L	1.1	0.55		
CADMIUM		1.12	ug/L	1.1	0.99		
COBALT		1.50	ug/L	1.1	1.1		
CHROMIUM	U	3.30	ug/L	1.1	3.3		
COPPER	U	3.30	ug/L	1.1	3.3		
MOLYBDENUM		6.25	ug/L	1.1	2.2		
NICKEL		8.29	ug/L	1.1	3.3		
LEAD	U	5.50	ug/L	1.1	5.5		
ANTIMONY	U	13.2	ug/L	1.1	13.2		
SELENIUM	U	9.90	ug/L	1.1	9.9		
THALLIUM	U	14.3	ug/L	1.1	14.3		
VANADIUM	U	4.40	ug/L	1.1	4.4		
ZINC	U	4.40	ug/L	1.1	4.4		
Run ID: R182019 / Work Group No.: WG153532							
Prep Date1: 15-APR-09 Analyzed 15-Apr-09 11:06							

Method: EPA 7470 - Hg: Cold Vapor	GroundH2O						
<i>TARGET ANALYTES</i>							
MERCURY	U	0.020	ug/L	1	0.02		
Run ID: R181261 / Work Group No.: WG153170							
Prep Date1: 01-APR-09 Analyzed 01-Apr-09 08:30							

Method: EPA 7761 - Silver: Graphite Furnace	GroundH2O						
<i>TARGET ANALYTES</i>							
SILVER	U	0.040	ug/L	1	0.04		
Run ID: R181438 / Work Group No.: WG153238							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 08:22							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1209
 Lab ID: L150908-12 (P152964-22)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 04:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: _____ ;
 Groundwater Suite B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	5.8	mg/L	2.5	5.8	5	
OIL AND GREASE (HYDROCARBON)	U	8.0	mg/L	2.5	8		
Run ID: R181938 / Work Group No.: WG153477							
Prep Date1: 13-APR-09 Analyzed 13-Apr-09 12:06							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		64.3	% recovery	1			
Run ID: R181660 / Work Group No.: WG153252							
Prep Date1: 02-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 23:36							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	U	57	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		115	% recovery	1			
D5-CHLOROBENZENE		108	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		106	% recovery	1			
D4-DICHLOROETHANE		98.0	% recovery	1			
D8-TOLUENE		100	% recovery	1			
4-BROMOFLUOROBENZENE		99.8	% recovery	1			
Run ID: R181931 / Work Group No.: WG153295							
Prep Date1: 06-APR-09 Analyzed 07-Apr-09 02:12							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE	U	2.0	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1209
 Lab ID: L150908-12 (P152964-22)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 04:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: _____ ;
 Groundwater Suite B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	1.7	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1209
 Lab ID: L150908-12 (P152964-22)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 04:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: _____ ;
 Groundwater Suite B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		90.8	% recovery	1			
D5-CHLOROBENZENE		85.4	% recovery	1			
D4-1,4-DICHLOROBENZENE		50.4	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		108	% recovery	1			
D4-DICHLOROETHANE		99.2	% recovery	1			
D8-TOLUENE		99.8	% recovery	1			
4-BROMOFLUOROBENZENE		94.8	% recovery	1			

Run ID: R181924 / Work Group No.: WG153293
 Prep Date: 06-APR-09 Analyzed 07-Apr-09 02:12

Method: EPA 8270C - Semivolatiles Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.22	ug/L	1.12	0.22	
PYRIDINE	U	0.22	ug/L	1.12	0.22	
PHENOL		0.54	ug/L	1.12	0.22	
2-CHLOROPHENOL	U	0.22	ug/L	1.12	0.22	
BIS(2-CHLOROETHYL)ETHER	U	0.22	ug/L	1.12	0.22	
1,3-DICHLOROBENZENE	U	0.34	ug/L	1.12	0.34	
1,4-DICHLOROBENZENE	U	0.34	ug/L	1.12	0.34	
1,2-DICHLOROBENZENE	U	0.34	ug/L	1.12	0.34	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.11	ug/L	1.12	0.11	
HEXACHLOROETHANE	U	0.45	ug/L	1.12	0.45	
N-NITROSODI-N-PROPYLAMINE	U	0.11	ug/L	1.12	0.11	
NITROBENZENE	U	0.11	ug/L	1.12	0.11	
ISOPHORONE	U	0.11	ug/L	1.12	0.11	
2-NITROPHENOL	U	0.11	ug/L	1.12	0.11	
2,4-DIMETHYLPHENOL	U	0.22	ug/L	1.12	0.22	
BIS(2-CHLOROETHOXY)METHANE	U	0.11	ug/L	1.12	0.11	
2,4-DICHLOROPHENOL	U	0.34	ug/L	1.12	0.34	
1,2,4-TRICHLOROBENZENE	U	0.34	ug/L	1.12	0.34	
NAPHTHALENE	U	0.22	ug/L	1.12	0.22	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1209
 Lab ID: L150908-12 (P152964-22)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 04:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: _____ ;
 Groundwater Suite B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
HEXACHLOROBUTADIENE	U	0.45	ug/L	1.12	0.45		
P-CHLORO-M-CRESOL	U	0.22	ug/L	1.12	0.22		
HEXACHLOROCYCLOPENTADIENE	U	1.1	ug/L	1.12	1.1		
2,4,6-TRICHLOROPHENOL	U	0.11	ug/L	1.12	0.11		
2-CHLORONAPHTHALENE	U	0.22	ug/L	1.12	0.22		
ACENAPHTHYLENE	U	0.11	ug/L	1.12	0.11		
DIMETHYL PHTHALATE	U	0.11	ug/L	1.12	0.11		
2,6-DINITROTOLUENE	U	0.22	ug/L	1.12	0.22		
ACENAPHTHENE	U	0.22	ug/L	1.12	0.22		
2,4-DINITROPHENOL	U	1.1	ug/L	1.12	1.1		
4-NITROPHENOL	U	2.2	ug/L	1.12	2.2		
2,4-DINITROTOLUENE	U	0.11	ug/L	1.12	0.11		
FLUORENE	U	0.22	ug/L	1.12	0.22		
4-CHLOROPHENYL PHENYL ETHER	U	0.22	ug/L	1.12	0.22		
DIETHYL PHTHALATE	U	0.11	ug/L	1.12	0.11		
4,6-DINITRO-O-CRESOL	U	1.1	ug/L	1.12	1.1		
N-NITROSODIPHENYLAMINE	U	0.11	ug/L	1.12	0.11		
AZOBENZENE	U	0.11	ug/L	1.12	0.11		
4-BROMOPHENYL PHENYL ETHER	U	0.11	ug/L	1.12	0.11		
HEXACHLOROBENZENE	U	0.22	ug/L	1.12	0.22		
PENTACHLOROPHENOL	U	2.2	ug/L	1.12	2.2		
PHENANTHRENE	U	0.11	ug/L	1.12	0.11		
ANTHRACENE	U	0.11	ug/L	1.12	0.11		
DI-N-BUTYL PHTHALATE	U	0.30	ug/L	1.12	0.22		
FLUORANTHENE	U	0.11	ug/L	1.12	0.11		
PYRENE	U	0.11	ug/L	1.12	0.11		
BUTYLBENZYL PHTHALATE	U	0.11	ug/L	1.12	0.11		
BENZIDINE	U	5.6	ug/L	1.12	5.6		
BENZO(A)ANTHRACENE	U	0.11	ug/L	1.12	0.11		
CHRYSENE	U	0.056	ug/L	1.12	0.056		
3,3'-DICHLOROBENZIDINE	U	0.11	ug/L	1.12	0.11		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.56	ug/L	1.12	0.56		
DI-N-OCTYL PHTHALATE	U	0.11	ug/L	1.12	0.11		
BENZO(B)FLUORANTHENE	U	0.11	ug/L	1.12	0.11		
BENZO(K)FLUORANTHENE	U	0.11	ug/L	1.12	0.11		
INDENO(1,2,3-CD)PYRENE	U	0.22	ug/L	1.12	0.22		
DIBENZO(A,H)ANTHRACENE	U	0.11	ug/L	1.12	0.11		
BENZO(GHI)PERYLENE	U	0.11	ug/L	1.12	0.11		
BENZO(A)PYRENE	U	0.11	ug/L	1.12	0.11		
ANILINE	U	0.22	ug/L	1.12	0.22		
BENZYL ALCOHOL	U	0.22	ug/L	1.12	0.22		
2-CRESOL	U	0.22	ug/L	1.12	0.22		
3-,4-METHYLPHENOL	U	0.11	ug/L	1.12	0.11		
BENZOIC ACID	U	1.1	ug/L	1.12	1.1		
4-CHLOROANILINE	U	0.67	ug/L	1.12	0.67		
2-METHYLNAPHTHALENE	U	0.45	ug/L	1.12	0.45		
2,4,5-TRICHLOROPHENOL	U	0.45	ug/L	1.12	0.45		
3-NITROANILINE	U	0.34	ug/L	1.12	0.34		
2-NITROANILINE	U	0.22	ug/L	1.12	0.22		
DIBENZOFURAN	U	0.34	ug/L	1.12	0.34		
4-NITROANILINE	U	0.22	ug/L	1.12	0.22		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		102	% recovery	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1209
 Lab ID: L150908-12 (P152964-22)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 04:30pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:50pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: _____ ;
 Groundwater Suite B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
D8-NAPHTHALENE		104	% recovery	1	1		
D10-ACENAPHTHENE		95.8	% recovery	1	1		
D10-PHENANTHRENE		99.9	% recovery	1	1		
D12-CHRYSENE		95.3	% recovery	1	1		
D12-PERYLENE		97.2	% recovery	1	1		
SURROGATE							
2-FLUOROPHENOL	D	21	% recovery	1			
D5-PHENOL	D	12	% recovery	1			
D5-NITROBENZENE		78	% recovery	1			
2-FLUOROBIPHENYL	D	67	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	44	% recovery	1			
D14-P-TERPHEENYL		100	% recovery	1			
Run ID: R182112 / Work Group No.: WG153326							
Prep Date1: 30-MAR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 05:40							

Method: EPA 6010B - ICP Scan	GroundH2O						
TARGET ANALYTES							
ARSENIC		12.2	ug/L	1.1		12.1	
BARIUM		459	ug/L	1.1		0.77	
BERYLLIUM	U	0.550	ug/L	1.1		0.55	
CADMIUM		2.33	ug/L	1.1		0.99	
COBALT		16.5	ug/L	1.1		1.1	
CHROMIUM		86.4	ug/L	1.1		3.3	
COPPER		32.0	ug/L	1.1		3.3	
MOLYBDENUM		8.89	ug/L	1.1		2.2	
NICKEL		77.8	ug/L	1.1		3.3	
LEAD		7.51	ug/L	1.1		5.5	
ANTIMONY	U	13.2	ug/L	1.1		13.2	
SELENIUM	U	9.90	ug/L	1.1		9.9	
THALLIUM	U	14.3	ug/L	1.1		14.3	
VANADIUM		64.6	ug/L	1.1		4.4	
ZINC		52.3	ug/L	1.1		4.4	
Run ID: R182019 / Work Group No.: WG153532							
Prep Date1: 15-APR-09 Analyzed 15-Apr-09 11:09							

Method: EPA 7470 - Hg: Cold Vapor	GroundH2O						
TARGET ANALYTES							
MERCURY		0.089	ug/L	1		0.02	
Run ID: R181261 / Work Group No.: WG153170							
Prep Date1: 01-APR-09 Analyzed 01-Apr-09 08:30							

Method: EPA 7761 - Silver: Graphite Furnace	GroundH2O						
TARGET ANALYTES							
SILVER		0.16	ug/L	1		0.04	
Run ID: R181438 / Work Group No.: WG153238							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 08:22							

RL is either the client requested or regulatory mandated Reporting Limit. ML is the regulatory mandated Minimum Level

EBMUD Laboratory

Analytical Report

EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
PO Box 24055, MS 59, Oakland, CA 94623
Phone (510)287-1432 Fax (510)465-5462

California Environmental Laboratory Accreditation Program Certificate Number 1060

Laboratory Report - L150846

LSR # - B793-9512-1 Project Title: TRENCH SPOILS PROGRAM

Report generated on: Apr 16, 2009 11:46 am

10 - Samples received by the lab on: Mar 25 2009, 02:40 pm

0 - Lost Analyses

0 - Hold Time Exceedences

Turn-around-time not met

Client PM: JOHN WALTER

Lab PM: KENNETH GERSTMAN

This is an electronic transmittal of a Laboratory Analytical Report

Samples included in this report:

Sample	Type	Collected	Site	Locator	ClientID
L150846-1	GRAB	23-Mar-2009 12:00	MISC	MISC	Sample Location: 0409
L150846-2	GRAB	23-Mar-2009 12:45	MISC	MISC	Sample Location: 0109
L150846-3	GRAB	23-Mar-2009 13:15	MISC	MISC	Sample Location: 0309
L150846-4	GRAB	23-Mar-2009 14:00	MISC	MISC	Sample Location: 0209
L150846-5	GRAB	23-Mar-2009 14:45	MISC	MISC	Sample Location: 0509
L150846-6	GRAB	24-Mar-2009 13:00	MISC	MISC	Sample Location: 0609
L150846-7	GRAB	24-Mar-2009 14:30	MISC	MISC	Sample Location: 0709
L150846-8	GRAB	24-Mar-2009 15:00	MISC	MISC	Sample Location: 0809
L150846-9	GRAB	24-Mar-2009 15:30	MISC	MISC	Sample Location: 0909
L150846-10	GRAB	24-Mar-2009 16:00	MISC	MISC	Sample Location: 1009

Legend to the laboratory qualifiers used in this report:

* - Duplicate value outside of control limits
D - Surrogate spike outside of control limits
N - Spike recovery outside of control limits
T - Diesel/Gasoline pattern is atypical
U - Analyte not detected
Qualifiers for subcontract work - See textvalue for description

RESULTS IN THIS REPORT ARE REPORTED IN ACCORDANCE WITH TITLE 22, SECTION 64819

EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0409
 Lab ID: L150846-1 (P152964-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 12:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0409; Groundwater Suite
 B (field filtered metals), not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE		9.0	mg/L	2.5	5.8	5	
OIL AND GREASE (HYDROCARBON)	U	8.0	mg/L	2.5	8		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 08:03							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		60.2	% recovery	1			
Run ID: R181439 / Work Group No.: WG153172							
Prep Date1: 27-MAR-09 Prep Date2: 30-MAR-09 Analyzed 30-Mar-09 16:54							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	U	57	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		71.8	% recovery	1			
D5-CHLOROBENZENE		75.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		105	% recovery	1			
D4-DICHLOROETHANE		107	% recovery	1			
D8-TOLUENE		104	% recovery	1			
4-BROMOFLUOROBENZENE		105	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 05-Apr-09 15:54							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE	U	2.0	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE		0.98	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0409
 Lab ID: L150846-1 (P152964-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 12:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0409; Groundwater Suite
 B (field filtered metals), not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYLVINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	1.7	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0409
 Lab ID: L150846-1 (P152964-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 12:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0409; Groundwater Suite
 B (field filtered metals), not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		92.4	% recovery	1			
D5-CHLOROBENZENE		97.6	% recovery	1			
D4-1,4-DICHLOROBENZENE		97.6	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		102	% recovery	1			
D4-DICHLOROETHANE		108	% recovery	1			
D8-TOLUENE		101	% recovery	1			
4-BROMOFLUOROBENZENE		109	% recovery	1			

Run ID: R181633 / Work Group No.: WG153183
 Prep Date: 01-APR-09 Analyzed 05-Apr-09 15:54

Method: EPA 8270C - Semivolatile Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.21	ug/L	1.05	0.21	
PYRIDINE	U	0.21	ug/L	1.05	0.21	
PHENOL	U	0.21	ug/L	1.05	0.21	
2-CHLOROPHENOL	U	0.21	ug/L	1.05	0.21	
BIS(2-CHLOROETHYL)ETHER	U	0.21	ug/L	1.05	0.21	
1,3-DICHLOROBENZENE	U	0.32	ug/L	1.05	0.32	
1,4-DICHLOROBENZENE	U	0.32	ug/L	1.05	0.32	
1,2-DICHLOROBENZENE	U	0.32	ug/L	1.05	0.32	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.11	ug/L	1.05	0.11	
HEXACHLOROETHANE	U	0.42	ug/L	1.05	0.42	
N-NITROSODI-N-PROPYLAMINE	U	0.11	ug/L	1.05	0.11	
NITROBENZENE	U	0.11	ug/L	1.05	0.11	
ISOPHORONE	U	0.11	ug/L	1.05	0.11	
2-NITROPHENOL	U	0.11	ug/L	1.05	0.11	
2,4-DIMETHYLPHENOL	U	0.21	ug/L	1.05	0.21	
BIS(2-CHLOROETHOXY)METHANE	U	0.11	ug/L	1.05	0.11	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0409
 Lab ID: L150846-1 (P152964-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 12:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0409; Groundwater Suite
 B (field filtered metals), not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
2,4-DICHLOROPHENOL	U	0.32	ug/L	1.05	0.32		
1,2,4-TRICHLOROBENZENE	U	0.32	ug/L	1.05	0.32		
NAPHTHALENE	U	0.21	ug/L	1.05	0.21		
HEXACHLOROBUTADIENE	U	0.42	ug/L	1.05	0.42		
P-CHLORO-M-CRESOL	U	0.21	ug/L	1.05	0.21		
HEXACHLOROCYCLOPENTADIENE	U	1.1	ug/L	1.05	1.1		
2,4,6-TRICHLOROPHENOL	U	0.11	ug/L	1.05	0.11		
2-CHLORONAPHTHALENE	U	0.21	ug/L	1.05	0.21		
ACENAPHTHYLENE	U	0.11	ug/L	1.05	0.11		
DIMETHYL PHTHALATE	U	0.11	ug/L	1.05	0.11		
2,6-DINITROTOLUENE	U	0.21	ug/L	1.05	0.21		
ACENAPHTHENE	U	0.21	ug/L	1.05	0.21		
2,4-DINITROPHENOL	U	1.1	ug/L	1.05	1.1		
4-NITROPHENOL	U	2.1	ug/L	1.05	2.1		
2,4-DINITROTOLUENE	U	0.11	ug/L	1.05	0.11		
FLUORENE	U	0.21	ug/L	1.05	0.21		
4-CHLOROPHENYL PHENYL ETHER	U	0.21	ug/L	1.05	0.21		
DIETHYL PHTHALATE		0.41	ug/L	1.05	0.11		
4,6-DINITRO-O-CRESOL	U	1.1	ug/L	1.05	1.1		
N-NITROSODIPHENYLAMINE	U	0.11	ug/L	1.05	0.11		
AZOBENZENE	U	0.11	ug/L	1.05	0.11		
4-BROMOPHENYL PHENYL ETHER	U	0.11	ug/L	1.05	0.11		
HEXACHLOROBENZENE	U	0.21	ug/L	1.05	0.21		
PENTACHLOROPHENOL	U	2.1	ug/L	1.05	2.1		
PHENANTHRENE	U	0.11	ug/L	1.05	0.11		
ANTHRACENE	U	0.11	ug/L	1.05	0.11		
DI-N-BUTYL PHTHALATE	U	0.21	ug/L	1.05	0.21		
FLUORANTHENE	U	0.11	ug/L	1.05	0.11		
PYRENE	U	0.11	ug/L	1.05	0.11		
BUTYLBENZYL PHTHALATE		0.20	ug/L	1.05	0.11		
BENZIDINE	U	5.3	ug/L	1.05	5.3		
BENZO(A)ANTHRACENE	U	0.11	ug/L	1.05	0.11		
CHRYSENE	U	0.053	ug/L	1.05	0.053		
3,3'-DICHLOROBENZIDINE	U	0.11	ug/L	1.05	0.11		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.53	ug/L	1.05	0.53		
DI-N-OCTYL PHTHALATE	U	0.11	ug/L	1.05	0.11		
BENZO(B)FLUORANTHENE	U	0.11	ug/L	1.05	0.11		
BENZO(K)FLUORANTHENE	U	0.11	ug/L	1.05	0.11		
INDENO(1,2,3-CD)PYRENE	U	0.21	ug/L	1.05	0.21		
DIBENZO(A,H)ANTHRACENE	U	0.11	ug/L	1.05	0.11		
BENZO(GHI)PERYLENE	U	0.11	ug/L	1.05	0.11		
BENZO(A)PYRENE	U	0.11	ug/L	1.05	0.11		
ANILINE	U	0.21	ug/L	1.05	0.21		
BENZYL ALCOHOL	U	0.21	ug/L	1.05	0.21		
2-CRESOL	U	0.21	ug/L	1.05	0.21		
3-,4-METHYLPHENOL	U	0.11	ug/L	1.05	0.11		
BENZOIC ACID	U	1.1	ug/L	1.05	1.1		
4-CHLOROANILINE	U	0.63	ug/L	1.05	0.63		
2-METHYLNAPHTHALENE	U	0.42	ug/L	1.05	0.42		
2,4,5-TRICHLOROPHENOL	U	0.42	ug/L	1.05	0.42		
3-NITROANILINE	U	0.32	ug/L	1.05	0.32		
2-NITROANILINE	U	0.21	ug/L	1.05	0.21		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0409
 Lab ID: L150846-1 (P152964-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 12:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0409; Groundwater Suite
 B (field filtered metals), not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
DIBENZOFURAN	U	0.32	ug/L	1.05	0.32		
4-NITROANILINE	U	0.21	ug/L	1.05	0.21		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		84.2	% recovery	1	1		
D8-NAPHTHALENE		81.5	% recovery	1	1		
D10-ACENAPHTHENE		81.0	% recovery	1	1		
D10-PHENANTHRENE		82.2	% recovery	1	1		
D12-CHRYSENE		79.9	% recovery	1	1		
D12-PERYLENE		80.4	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	1.2	% recovery	1			
D5-PHENOL	D	5.3	% recovery	1			
D5-NITROBENZENE	D	57	% recovery	1			
2-FLUOROBIPHENYL	D	63	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	1.9	% recovery	1			
D14-P-TERPHENYL	D	30	% recovery	1			

Run ID: R181600 / Work Group No.: WG153224
 Prep Date: 02-APR-09 Analyzed 02-Apr-09 17:58

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 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0109
 Lab ID: L150846-2 (P152964-2)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 12:45pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0109; Groundwater Suite
 B (field filtered metals sample)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
TARGET ANALYTES							
OIL AND GREASE		5.7	mg/L	2.27	5.2	5	
OIL AND GREASE (HYDROCARBON)	U	7.3	mg/L	2.27	7.3		
Run ID: R181761 / Work Group No.: WG153408 Prep Date1: 09-APR-09 Analyzed 09-Apr-09 08:03							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
TARGET ANALYTES							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)		23,000	ug/L	1	260		
INTERNAL STANDARD							
5-A-ANDROSTANE		80.6	% recovery	1			
Run ID: R181439 / Work Group No.: WG153172 Prep Date1: 27-MAR-09 Prep Date2: 30-MAR-09 Analyzed 30-Mar-09 17:20							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
TARGET ANALYTES							
GASOLINE		150	ug/L	1	57		
INTERNAL STANDARD							
FLUOROBENZENE		72.6	% recovery	1			
D5-CHLOROBENZENE		80.2	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		102	% recovery	1			
D4-DICHLOROETHANE		98.0	% recovery	1			
D8-TOLUENE		110	% recovery	1			
4-BROMOFLUOROBENZENE		95.8	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185 Prep Date1: 01-APR-09 Analyzed 05-Apr-09 23:15							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
TARGET ANALYTES							
ACETONE		17	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE		1.6	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL		13	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE		0.83	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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 ClientID: Sample Location: 0109
 Lab ID: L150846-2 (P152964-2)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 12:45pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0109; Groundwater Suite
 B (field filtered metals sample)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	1.2	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	1.0	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	77	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	1.6	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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 Sample Type: GRAB (Instantaneous Grab)
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 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0109; Groundwater Suite
 B (field filtered metals sample)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE		1.2	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE		6.5	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE		4.4	ug/L	1	0.6		
M+P XYLENES		1.4	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		93.4	% recovery	1			
D5-CHLOROBENZENE		104	% recovery	1			
D4-1,4-DICHLOROBENZENE		97.4	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		98.2	% recovery	1			
D4-DICHLOROETHANE		98.8	% recovery	1			
D8-TOLUENE		107	% recovery	1			
4-BROMOFLUOROBENZENE		99.4	% recovery	1			

Run ID: R181633 / Work Group No.: WG153183
 Prep Date: 01-APR-09 Analyzed 05-Apr-09 23:15

Method: EPA 8270C - Semivolatiles Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.24	ug/L	1.2	0.24	
PYRIDINE	U	0.24	ug/L	1.2	0.24	
PHENOL		7.8	ug/L	1.2	0.24	
2-CHLOROPHENOL	U	0.24	ug/L	1.2	0.24	
BIS(2-CHLOROETHYL)ETHER	U	0.24	ug/L	1.2	0.24	
1,3-DICHLOROBENZENE	U	0.36	ug/L	1.2	0.36	
1,4-DICHLOROBENZENE	U	0.36	ug/L	1.2	0.36	
1,2-DICHLOROBENZENE	U	0.36	ug/L	1.2	0.36	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.12	ug/L	1.2	0.12	
HEXACHLOROETHANE	U	0.48	ug/L	1.2	0.48	
N-NITROSODI-N-PROPYLAMINE	U	0.12	ug/L	1.2	0.12	
NITROBENZENE	U	0.12	ug/L	1.2	0.12	
ISOPHORONE	U	0.12	ug/L	1.2	0.12	
2-NITROPHENOL	U	0.12	ug/L	1.2	0.12	
2,4-DIMETHYLPHENOL	U	0.24	ug/L	1.2	0.24	
BIS(2-CHLOROETHOXY)METHANE	U	0.12	ug/L	1.2	0.12	
2,4-DICHLOROPHENOL	U	0.36	ug/L	1.2	0.36	
1,2,4-TRICHLOROBENZENE	U	0.36	ug/L	1.2	0.36	
NAPHTHALENE		1.0	ug/L	1.2	0.24	

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Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0109
 Lab ID: L150846-2 (P152964-2)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 12:45pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0109; Groundwater Suite
 B (field filtered metals sample)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
HEXACHLOROBUTADIENE	U	0.48	ug/L	1.2	0.48		
P-CHLORO-M-CRESOL	U	0.24	ug/L	1.2	0.24		
HEXACHLOROCYCLOPENTADIENE	U	1.2	ug/L	1.2	1.2		
2,4,6-TRICHLOROPHENOL	U	0.12	ug/L	1.2	0.12		
2-CHLORONAPHTHALENE	U	0.24	ug/L	1.2	0.24		
ACENAPHTHYLENE	U	0.12	ug/L	1.2	0.12		
DIMETHYL PHTHALATE	U	0.12	ug/L	1.2	0.12		
2,6-DINITROTOLUENE	U	0.24	ug/L	1.2	0.24		
ACENAPHTHENE	U	0.24	ug/L	1.2	0.24		
2,4-DINITROPHENOL	U	1.2	ug/L	1.2	1.2		
4-NITROPHENOL	U	2.4	ug/L	1.2	2.4		
2,4-DINITROTOLUENE	U	0.12	ug/L	1.2	0.12		
FLUORENE	U	0.24	ug/L	1.2	0.24		
4-CHLOROPHENYL PHENYL ETHER	U	0.24	ug/L	1.2	0.24		
DIETHYL PHTHALATE	U	0.12	ug/L	1.2	0.12		
4,6-DINITRO-O-CRESOL	U	1.2	ug/L	1.2	1.2		
N-NITROSODIPHENYLAMINE	U	0.12	ug/L	1.2	0.12		
AZOBENZENE	U	0.12	ug/L	1.2	0.12		
4-BROMOPHENYL PHENYL ETHER	U	0.12	ug/L	1.2	0.12		
HEXACHLOROBENZENE	U	0.24	ug/L	1.2	0.24		
PENTACHLOROPHENOL	U	2.4	ug/L	1.2	2.4		
PHENANTHRENE		0.40	ug/L	1.2	0.12		
ANTHRACENE		0.19	ug/L	1.2	0.12		
DI-N-BUTYL PHTHALATE		0.43	ug/L	1.2	0.24		
FLUORANTHENE		0.23	ug/L	1.2	0.12		
PYRENE		0.52	ug/L	1.2	0.12		
BUTYLBENZYL PHTHALATE	U	0.12	ug/L	1.2	0.12		
BENZIDINE	U	6.0	ug/L	1.2	6		
BENZO(A)ANTHRACENE		0.23	ug/L	1.2	0.12		
CHRYSENE		0.23	ug/L	1.2	0.06		
3,3'-DICHLOROBENZIDINE	U	0.12	ug/L	1.2	0.12		
BIS(2-ETHYLHEXYL)PHTHALATE		7.4	ug/L	1.2	0.6		
DI-N-OCTYL PHTHALATE	U	0.12	ug/L	1.2	0.12		
BENZO(B)FLUORANTHENE	U	0.12	ug/L	1.2	0.12		
BENZO(K)FLUORANTHENE	U	0.12	ug/L	1.2	0.12		
INDENO(1,2,3-CD)PYRENE	U	0.24	ug/L	1.2	0.24		
DIBENZO(A,H)ANTHRACENE	U	0.12	ug/L	1.2	0.12		
BENZO(GHI)PERYLENE	U	0.12	ug/L	1.2	0.12		
BENZO(A)PYRENE	U	0.12	ug/L	1.2	0.12		
ANILINE	U	0.24	ug/L	1.2	0.24		
BENZYL ALCOHOL	U	0.24	ug/L	1.2	0.24		
2-CRESOL	U	0.24	ug/L	1.2	0.24		
3-,4-METHYLPHENOL	U	0.12	ug/L	1.2	0.12		
BENZOIC ACID		7.1	ug/L	1.2	1.2		
4-CHLOROANILINE	U	0.72	ug/L	1.2	0.72		
2-METHYLNAPHTHALENE		2.1	ug/L	1.2	0.48		
2,4,5-TRICHLOROPHENOL	U	0.48	ug/L	1.2	0.48		
3-NITROANILINE	U	0.36	ug/L	1.2	0.36		
2-NITROANILINE	U	0.24	ug/L	1.2	0.24		
DIBENZOFURAN	U	0.36	ug/L	1.2	0.36		
4-NITROANILINE	U	0.24	ug/L	1.2	0.24		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		81.8	% recovery	1	1		

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 B (field filtered metals sample)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D8-NAPHTHALENE		78.3	% recovery	1	1	RL/ML	
D10-ACENAPHTHENE		79.8	% recovery	1	1		
D10-PHENANTHRENE		81.9	% recovery	1	1		
D12-CHRYSENE		87.7	% recovery	1	1		
D12-PERYLENE		98.7	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	38	% recovery	1			
D5-PHENOL	D	40	% recovery	1			
D5-NITROBENZENE	D	58	% recovery	1			
2-FLUOROBIPHENYL	D	63	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	51	% recovery	1			
D14-P-TERPHENYL	D	42	% recovery	1			
Run ID: R181600 / Work Group No.: WG153224							
Prep Date1: 02-APR-09 Analyzed 02-Apr-09 18:42							

Method: EPA 6010B - ICP Scan	GroundH2O						
<i>TARGET ANALYTES</i>							
ARSENIC	U	12.1	ug/L	1.1	12.1		
BARIUM		716	ug/L	1.1	0.77		
BERYLLIUM	U	0.550	ug/L	1.1	0.55		
CADMIUM	U	0.990	ug/L	1.1	0.99		
COBALT		10.5	ug/L	1.1	1.1		
CHROMIUM		79.7	ug/L	1.1	3.3		
COPPER		22.0	ug/L	1.1	3.3		
MOLYBDENUM		7.47	ug/L	1.1	2.2		
NICKEL		52.0	ug/L	1.1	3.3		
LEAD	U	5.50	ug/L	1.1	5.5		
ANTIMONY	U	13.2	ug/L	1.1	13.2		
SELENIUM	U	9.90	ug/L	1.1	9.9		
THALLIUM	U	14.3	ug/L	1.1	14.3		
VANADIUM		55.1	ug/L	1.1	4.4		
ZINC		61.9	ug/L	1.1	4.4		
Run ID: R182019 / Work Group No.: WG153532							
Prep Date1: 15-APR-09 Analyzed 15-Apr-09 10:04							

Method: EPA 7470 - Hg: Cold Vapor	GroundH2O						
<i>TARGET ANALYTES</i>							
MERCURY		0.11	ug/L	1	0.02		
Run ID: R181261 / Work Group No.: WG153170							
Prep Date1: 01-APR-09 Analyzed 01-Apr-09 08:30							

Method: EPA 7761 - Silver: Graphite Furnace	GroundH2O						
<i>TARGET ANALYTES</i>							
SILVER		0.090	ug/L	1	0.04		
Run ID: R181438 / Work Group No.: WG153238							
Prep Date1: 26-MAR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 08:22							

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 ClientID: Sample Location: 0309
 Lab ID: L150846-3 (P152964-3)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 01:15pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0309; Groundwater Suite
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Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	6.0	mg/L	2.6	6	5	
OIL AND GREASE (HYDROCARBON)	U	8.3	mg/L	2.6	8.3		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 08:49							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	T	2,200	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		64.0	% recovery	1			
Run ID: R181439 / Work Group No.: WG153172							
Prep Date1: 27-MAR-09 Prep Date2: 30-MAR-09 Analyzed 30-Mar-09 17:46							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	U	57	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		74.2	% recovery	1			
D5-CHLOROBENZENE		76.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		103	% recovery	1			
D4-DICHLOROETHANE		95.4	% recovery	1			
D8-TOLUENE		104	% recovery	1			
4-BROMOFLUOROBENZENE		105	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 05-Apr-09 23:58							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE	U	2.0	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0309
 Lab ID: L150846-3 (P152964-3)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 01:15pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0309; Groundwater Suite
 B (field filtered metals sample)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE		2.3	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0309
 Lab ID: L150846-3 (P152964-3)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 01:15pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0309; Groundwater Suite
 B (field filtered metals sample)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		95.4	% recovery	1			
D5-CHLOROBENZENE		98.6	% recovery	1			
D4-1,4-DICHLOROBENZENE		90.2	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		100	% recovery	1			
D4-DICHLOROETHANE		96.2	% recovery	1			
D8-TOLUENE		101	% recovery	1			
4-BROMOFLUOROBENZENE		109	% recovery	1			

Run ID: R181633 / Work Group No.: WG153183
 Prep Date: 01-APR-09 Analyzed 05-Apr-09 23:58

Method: EPA 8270C - Semivolatile Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.26	ug/L	1.28	0.26	
PYRIDINE	U	0.26	ug/L	1.28	0.26	
PHENOL		3.6	ug/L	1.28	0.26	
2-CHLOROPHENOL	U	0.26	ug/L	1.28	0.26	
BIS(2-CHLOROETHYL)ETHER	U	0.26	ug/L	1.28	0.26	
1,3-DICHLOROBENZENE	U	0.38	ug/L	1.28	0.38	
1,4-DICHLOROBENZENE	U	0.38	ug/L	1.28	0.38	
1,2-DICHLOROBENZENE	U	0.38	ug/L	1.28	0.38	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.13	ug/L	1.28	0.13	
HEXACHLOROETHANE	U	0.51	ug/L	1.28	0.51	
N-NITROSODI-N-PROPYLAMINE	U	0.13	ug/L	1.28	0.13	
NITROBENZENE	U	0.13	ug/L	1.28	0.13	
ISOPHORONE	U	0.13	ug/L	1.28	0.13	
2-NITROPHENOL	U	0.13	ug/L	1.28	0.13	
2,4-DIMETHYLPHENOL	U	0.26	ug/L	1.28	0.26	
BIS(2-CHLOROETHOXY)METHANE	U	0.13	ug/L	1.28	0.13	
2,4-DICHLOROPHENOL	U	0.38	ug/L	1.28	0.38	
1,2,4-TRICHLOROBENZENE	U	0.38	ug/L	1.28	0.38	
NAPHTHALENE	U	0.26	ug/L	1.28	0.26	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0309
 Lab ID: L150846-3 (P152964-3)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 01:15pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0309; Groundwater Suite
 B (field filtered metals sample)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
HEXACHLOROBUTADIENE	U	0.51	ug/L	1.28	0.51		
P-CHLORO-M-CRESOL	U	0.26	ug/L	1.28	0.26		
HEXACHLOROCYCLOPENTADIENE	U	1.3	ug/L	1.28	1.3		
2,4,6-TRICHLOROPHENOL	U	0.13	ug/L	1.28	0.13		
2-CHLORONAPHTHALENE	U	0.26	ug/L	1.28	0.26		
ACENAPHTHYLENE	U	0.13	ug/L	1.28	0.13		
DIMETHYL PHTHALATE	U	0.13	ug/L	1.28	0.13		
2,6-DINITROTOLUENE	U	0.26	ug/L	1.28	0.26		
ACENAPHTHENE	U	0.26	ug/L	1.28	0.26		
2,4-DINITROPHENOL	U	1.3	ug/L	1.28	1.3		
4-NITROPHENOL	U	2.6	ug/L	1.28	2.6		
2,4-DINITROTOLUENE	U	0.13	ug/L	1.28	0.13		
FLUORENE	U	0.26	ug/L	1.28	0.26		
4-CHLOROPHENYL PHENYL ETHER	U	0.26	ug/L	1.28	0.26		
DIETHYL PHTHALATE		0.14	ug/L	1.28	0.13		
4,6-DINITRO-O-CRESOL	U	1.3	ug/L	1.28	1.3		
N-NITROSODIPHENYLAMINE	U	0.13	ug/L	1.28	0.13		
AZOBENZENE	U	0.13	ug/L	1.28	0.13		
4-BROMOPHENYL PHENYL ETHER	U	0.13	ug/L	1.28	0.13		
HEXACHLOROBENZENE	U	0.26	ug/L	1.28	0.26		
PENTACHLOROPHENOL	U	2.6	ug/L	1.28	2.6		
PHENANTHRENE	U	0.13	ug/L	1.28	0.13		
ANTHRACENE	U	0.13	ug/L	1.28	0.13		
DI-N-BUTYL PHTHALATE	U	0.26	ug/L	1.28	0.26		
FLUORANTHENE	U	0.13	ug/L	1.28	0.13		
PYRENE	U	0.13	ug/L	1.28	0.13		
BUTYLBENZYL PHTHALATE		0.36	ug/L	1.28	0.13		
BENZIDINE	U	6.4	ug/L	1.28	6.4		
BENZO(A)ANTHRACENE	U	0.13	ug/L	1.28	0.13		
CHRYSENE		0.12	ug/L	1.28	0.064		
3,3'-DICHLOROBENZIDINE	U	0.13	ug/L	1.28	0.13		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.64	ug/L	1.28	0.64		
DI-N-OCTYL PHTHALATE	U	0.13	ug/L	1.28	0.13		
BENZO(B)FLUORANTHENE	U	0.13	ug/L	1.28	0.13		
BENZO(K)FLUORANTHENE	U	0.13	ug/L	1.28	0.13		
INDENO(1,2,3-CD)PYRENE	U	0.26	ug/L	1.28	0.26		
DIBENZO(A,H)ANTHRACENE	U	0.13	ug/L	1.28	0.13		
BENZO(GHI)PERYLENE	U	0.13	ug/L	1.28	0.13		
BENZO(A)PYRENE	U	0.13	ug/L	1.28	0.13		
ANILINE	U	0.26	ug/L	1.28	0.26		
BENZYL ALCOHOL		0.44	ug/L	1.28	0.26		
2-CRESOL	U	0.26	ug/L	1.28	0.26		
3-,4-METHYLPHENOL	U	0.13	ug/L	1.28	0.13		
BENZOIC ACID		3.6	ug/L	1.28	1.3		
4-CHLOROANILINE	U	0.77	ug/L	1.28	0.77		
2-METHYLNAPHTHALENE	U	0.51	ug/L	1.28	0.51		
2,4,5-TRICHLOROPHENOL	U	0.51	ug/L	1.28	0.51		
3-NITROANILINE	U	0.38	ug/L	1.28	0.38		
2-NITROANILINE	U	0.26	ug/L	1.28	0.26		
DIBENZOFURAN	U	0.38	ug/L	1.28	0.38		
4-NITROANILINE	U	0.26	ug/L	1.28	0.26		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		81.9	% recovery	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0309
 Lab ID: L150846-3 (P152964-3)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 01:15pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0309; Groundwater Suite
 B (field filtered metals sample)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D8-NAPHTHALENE		81.2	% recovery	1	1	RL/ML	
D10-ACENAPHTHENE		80.4	% recovery	1	1		
D10-PHENANTHRENE		82.4	% recovery	1	1		
D12-CHRYSENE		84.1	% recovery	1	1		
D12-PERYLENE		92.0	% recovery	1	1		
SURROGATE							
2-FLUOROPHENOL	D	3.3	% recovery	1			
D5-PHENOL	D	13	% recovery	1			
D5-NITROBENZENE		72	% recovery	1			
2-FLUOROBIPHENYL		76	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	3.7	% recovery	1			
D14-P-TERPHENYL	D	37	% recovery	1			
Run ID: R181600 / Work Group No.: WG153224							
Prep Date1: 02-APR-09 Analyzed 02-Apr-09 19:25							

Method: EPA 6010B - ICP Scan	GroundH2O						
TARGET ANALYTES							
ARSENIC		66.0	ug/L	1.1	12.1		
BARIUM		3,870	ug/L	1.1	0.77		
BERYLLIUM		3.91	ug/L	1.1	0.55		
CADMIUM		2.66	ug/L	1.1	0.99		
COBALT		85.3	ug/L	1.1	1.1		
CHROMIUM		606	ug/L	1.1	3.3		
COPPER		132	ug/L	1.1	3.3		
MOLYBDENUM	U	2.20	ug/L	1.1	2.2		
NICKEL		414	ug/L	1.1	3.3		
LEAD		40.5	ug/L	1.1	5.5		
ANTIMONY	U	13.2	ug/L	1.1	13.2		
SELENIUM	U	9.90	ug/L	1.1	9.9		
THALLIUM	U	14.3	ug/L	1.1	14.3		
VANADIUM		452	ug/L	1.1	4.4		
ZINC		325	ug/L	1.1	4.4		
Run ID: R182019 / Work Group No.: WG153532							
Prep Date1: 15-APR-09 Analyzed 15-Apr-09 10:07							

Method: EPA 7470 - Hg: Cold Vapor	GroundH2O						
TARGET ANALYTES							
MERCURY		0.29	ug/L	1	0.02		
Run ID: R181261 / Work Group No.: WG153170							
Prep Date1: 01-APR-09 Analyzed 01-Apr-09 08:30							

Method: EPA 7761 - Silver: Graphite Furnace	GroundH2O						
TARGET ANALYTES							
SILVER		0.58	ug/L	1	0.04		
Run ID: R181438 / Work Group No.: WG153238							
Prep Date1: 26-MAR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 08:22							

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0209
 Lab ID: L150846-4 (P152964-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 02:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0209; Groundwater Suite
 B (field filtered metals) , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	5.8	mg/L	2.5	5.8	5	
OIL AND GREASE (HYDROCARBON)	U	8.0	mg/L	2.5	8		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 08:49							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		56.3	% recovery	1			
Run ID: R181439 / Work Group No.: WG153172							
Prep Date1: 27-MAR-09 Prep Date2: 30-MAR-09 Analyzed 30-Mar-09 18:12							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	U	57	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		74.0	% recovery	1			
D5-CHLOROBENZENE		79.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		105	% recovery	1			
D4-DICHLOROETHANE		98.6	% recovery	1			
D8-TOLUENE		108	% recovery	1			
4-BROMOFLUOROBENZENE		104	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 06-Apr-09 00:42							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		20	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE		0.70	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0209
 Lab ID: L150846-4 (P152964-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 02:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0209; Groundwater Suite
 B (field filtered metals) , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYLVINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE		170	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0209
 Lab ID: L150846-4 (P152964-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 02:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0209; Groundwater Suite
 B (field filtered metals) , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		95.2	% recovery	1			
D5-CHLOROBENZENE		103	% recovery	1			
D4-1,4-DICHLOROBENZENE		90.6	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		102	% recovery	1			
D4-DICHLOROETHANE		99.4	% recovery	1			
D8-TOLUENE		105	% recovery	1			
4-BROMOFLUOROBENZENE		108	% recovery	1			

Run ID: R181633 / Work Group No.: WG153183
 Prep Date: 01-APR-09 Analyzed 06-Apr-09 00:42

Method: EPA 8270C - Semivolatile Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.21	ug/L	1.06	0.21	
PYRIDINE	U	0.21	ug/L	1.06	0.21	
PHENOL		9.0	ug/L	1.06	0.21	
2-CHLOROPHENOL	U	0.21	ug/L	1.06	0.21	
BIS(2-CHLOROETHYL)ETHER	U	0.21	ug/L	1.06	0.21	
1,3-DICHLOROBENZENE	U	0.32	ug/L	1.06	0.32	
1,4-DICHLOROBENZENE	U	0.32	ug/L	1.06	0.32	
1,2-DICHLOROBENZENE	U	0.32	ug/L	1.06	0.32	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.11	ug/L	1.06	0.11	
HEXACHLOROETHANE	U	0.43	ug/L	1.06	0.43	
N-NITROSODI-N-PROPYLAMINE	U	0.11	ug/L	1.06	0.11	
NITROBENZENE	U	0.11	ug/L	1.06	0.11	
ISOPHORONE	U	0.11	ug/L	1.06	0.11	
2-NITROPHENOL	U	0.11	ug/L	1.06	0.11	
2,4-DIMETHYLPHENOL	U	0.21	ug/L	1.06	0.21	
BIS(2-CHLOROETHOXY)METHANE	U	0.11	ug/L	1.06	0.11	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0209
 Lab ID: L150846-4 (P152964-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 02:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0209; Groundwater Suite
 B (field filtered metals) , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
2,4-DICHLOROPHENOL	U	0.32	ug/L	1.06	0.32		
1,2,4-TRICHLOROBENZENE	U	0.32	ug/L	1.06	0.32		
NAPHTHALENE	U	0.21	ug/L	1.06	0.21		
HEXACHLOROBUTADIENE	U	0.43	ug/L	1.06	0.43		
P-CHLORO-M-CRESOL	U	0.21	ug/L	1.06	0.21		
HEXACHLOROCYCLOPENTADIENE	U	1.1	ug/L	1.06	1.1		
2,4,6-TRICHLOROPHENOL	U	0.11	ug/L	1.06	0.11		
2-CHLORONAPHTHALENE	U	0.21	ug/L	1.06	0.21		
ACENAPHTHYLENE	U	0.11	ug/L	1.06	0.11		
DIMETHYL PHTHALATE	U	0.11	ug/L	1.06	0.11		
2,6-DINITROTOLUENE	U	0.21	ug/L	1.06	0.21		
ACENAPHTHENE	U	0.21	ug/L	1.06	0.21		
2,4-DINITROPHENOL	U	1.1	ug/L	1.06	1.1		
4-NITROPHENOL	U	2.1	ug/L	1.06	2.1		
2,4-DINITROTOLUENE	U	0.11	ug/L	1.06	0.11		
FLUORENE	U	0.21	ug/L	1.06	0.21		
4-CHLOROPHENYL PHENYL ETHER	U	0.21	ug/L	1.06	0.21		
DIETHYL PHTHALATE		0.17	ug/L	1.06	0.11		
4,6-DINITRO-O-CRESOL	U	1.1	ug/L	1.06	1.1		
N-NITROSODIPHENYLAMINE	U	0.11	ug/L	1.06	0.11		
AZOBENZENE	U	0.11	ug/L	1.06	0.11		
4-BROMOPHENYL PHENYL ETHER	U	0.11	ug/L	1.06	0.11		
HEXACHLOROBENZENE	U	0.21	ug/L	1.06	0.21		
PENTACHLOROPHENOL	U	2.1	ug/L	1.06	2.1		
PHENANTHRENE	U	0.11	ug/L	1.06	0.11		
ANTHRACENE	U	0.11	ug/L	1.06	0.11		
DI-N-BUTYL PHTHALATE	U	0.21	ug/L	1.06	0.21		
FLUORANTHENE	U	0.11	ug/L	1.06	0.11		
PYRENE	U	0.11	ug/L	1.06	0.11		
BUTYLBENZYL PHTHALATE		0.23	ug/L	1.06	0.11		
BENZIDINE	U	5.3	ug/L	1.06	5.3		
BENZO(A)ANTHRACENE	U	0.11	ug/L	1.06	0.11		
CHRYSENE	U	0.053	ug/L	1.06	0.053		
3,3'-DICHLOROBENZIDINE	U	0.11	ug/L	1.06	0.11		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.53	ug/L	1.06	0.53		
DI-N-OCTYL PHTHALATE	U	0.11	ug/L	1.06	0.11		
BENZO(B)FLUORANTHENE	U	0.11	ug/L	1.06	0.11		
BENZO(K)FLUORANTHENE	U	0.11	ug/L	1.06	0.11		
INDENO(1,2,3-CD)PYRENE	U	0.21	ug/L	1.06	0.21		
DIBENZO(A,H)ANTHRACENE	U	0.11	ug/L	1.06	0.11		
BENZO(GHI)PERYLENE	U	0.11	ug/L	1.06	0.11		
BENZO(A)PYRENE	U	0.11	ug/L	1.06	0.11		
ANILINE	U	0.21	ug/L	1.06	0.21		
BENZYL ALCOHOL	U	0.21	ug/L	1.06	0.21		
2-CRESOL	U	0.21	ug/L	1.06	0.21		
3-,4-METHYLPHENOL	U	0.11	ug/L	1.06	0.11		
BENZOIC ACID	U	1.1	ug/L	1.06	1.1		
4-CHLOROANILINE	U	0.64	ug/L	1.06	0.64		
2-METHYLNAPHTHALENE	U	0.43	ug/L	1.06	0.43		
2,4,5-TRICHLOROPHENOL	U	0.43	ug/L	1.06	0.43		
3-NITROANILINE	U	0.32	ug/L	1.06	0.32		
2-NITROANILINE	U	0.21	ug/L	1.06	0.21		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0209
 Lab ID: L150846-4 (P152964-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 02:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0209; Groundwater Suite
 B (field filtered metals) , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
DIBENZOFURAN	U	0.32	ug/L	1.06	0.32		
4-NITROANILINE	U	0.21	ug/L	1.06	0.21		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		79.0	% recovery	1	1		
D8-NAPHTHALENE		77.7	% recovery	1	1		
D10-ACENAPHTHENE		78.7	% recovery	1	1		
D10-PHENANTHRENE		79.0	% recovery	1	1		
D12-CHRYSENE		80.8	% recovery	1	1		
D12-PERYLENE		88.0	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	32	% recovery	1			
D5-PHENOL	D	48	% recovery	1			
D5-NITROBENZENE		75	% recovery	1			
2-FLUOROBIPHENYL		79	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	34	% recovery	1			
D14-P-TERPHENYL	D	15	% recovery	1			

Run ID: R181600 / Work Group No.: WG153224
 Prep Date1: 02-APR-09 Analyzed 02-Apr-09 20:10

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0509
 Lab ID: L150846-5 (P152964-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 02:45pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0509; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
TARGET ANALYTES							
OIL AND GREASE	U	5.8	mg/L	2.5	5.8	5	
OIL AND GREASE (HYDROCARBON)	U	8.0	mg/L	2.5	8		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 09:30							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
TARGET ANALYTES							
DIESEL		2,300	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)		24,000	ug/L	1	260		
INTERNAL STANDARD							
5-A-ANDROSTANE		77.6	% recovery	1			
Run ID: R181439 / Work Group No.: WG153172							
Prep Date1: 27-MAR-09 Prep Date2: 30-MAR-09 Analyzed 30-Mar-09 18:38							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
TARGET ANALYTES							
GASOLINE	N	140	ug/L	1	57		
INTERNAL STANDARD							
FLUOROBENZENE		72.6	% recovery	1			
D5-CHLOROBENZENE		74.8	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		104	% recovery	1			
D4-DICHLOROETHANE		102	% recovery	1			
D8-TOLUENE		104	% recovery	1			
4-BROMOFLUOROBENZENE		101	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 05-Apr-09 16:39							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
TARGET ANALYTES							
ACETONE		3.9	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE		1.5	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL		17	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE		1.4	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0509
 Lab ID: L150846-5 (P152964-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 02:45pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0509; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.72	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	1.7	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0509
 Lab ID: L150846-5 (P152964-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 02:45pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0509; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE		0.83	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE		4.7	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE		1.8	ug/L	1	1.1		
O-XYLENE		3.9	ug/L	1	0.6		
M+P XYLENES		6.7	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		93.4	% recovery	1			
D5-CHLOROBENZENE		97.2	% recovery	1			
D4-1,4-DICHLOROBENZENE		100	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		100	% recovery	1			
D4-DICHLOROETHANE		103	% recovery	1			
D8-TOLUENE		101	% recovery	1			
4-BROMOFLUOROBENZENE		105	% recovery	1			

Run ID: R181633 / Work Group No.: WG153183
 Prep Date: 01-APR-09 Analyzed 05-Apr-09 16:39

Method: EPA 8270C - Semivolatile Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.24	ug/L	1.22	0.24	
PYRIDINE	U	0.24	ug/L	1.22	0.24	
PHENOL		2.7	ug/L	1.22	0.24	
2-CHLOROPHENOL	U	0.24	ug/L	1.22	0.24	
BIS(2-CHLOROETHYL)ETHER	U	0.24	ug/L	1.22	0.24	
1,3-DICHLOROBENZENE	U	0.37	ug/L	1.22	0.37	
1,4-DICHLOROBENZENE	U	0.37	ug/L	1.22	0.37	
1,2-DICHLOROBENZENE	U	0.37	ug/L	1.22	0.37	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.12	ug/L	1.22	0.12	
HEXACHLOROETHANE	U	0.49	ug/L	1.22	0.49	
N-NITROSODI-N-PROPYLAMINE	U	0.12	ug/L	1.22	0.12	
NITROBENZENE	U	0.12	ug/L	1.22	0.12	
ISOPHORONE	U	0.12	ug/L	1.22	0.12	
2-NITROPHENOL	U	0.12	ug/L	1.22	0.12	
2,4-DIMETHYLPHENOL	U	0.24	ug/L	1.22	0.24	
BIS(2-CHLOROETHOXY)METHANE	U	0.12	ug/L	1.22	0.12	
2,4-DICHLOROPHENOL	U	0.37	ug/L	1.22	0.37	
1,2,4-TRICHLOROBENZENE	U	0.37	ug/L	1.22	0.37	
NAPHTHALENE	U	0.24	ug/L	1.22	0.24	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0509
 Lab ID: L150846-5 (P152964-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 02:45pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0509; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
HEXACHLOROBUTADIENE	U	0.49	ug/L	1.22	0.49		
P-CHLORO-M-CRESOL	U	0.24	ug/L	1.22	0.24		
HEXACHLOROCYCLOPENTADIENE	U	1.2	ug/L	1.22	1.2		
2,4,6-TRICHLOROPHENOL	U	0.12	ug/L	1.22	0.12		
2-CHLORONAPHTHALENE	U	0.24	ug/L	1.22	0.24		
ACENAPHTHYLENE	U	0.12	ug/L	1.22	0.12		
DIMETHYL PHTHALATE	U	0.12	ug/L	1.22	0.12		
2,6-DINITROTOLUENE	U	0.24	ug/L	1.22	0.24		
ACENAPHTHENE	U	0.24	ug/L	1.22	0.24		
2,4-DINITROPHENOL	U	1.2	ug/L	1.22	1.2		
4-NITROPHENOL	U	2.4	ug/L	1.22	2.4		
2,4-DINITROTOLUENE	U	0.12	ug/L	1.22	0.12		
FLUORENE		0.27	ug/L	1.22	0.24		
4-CHLOROPHENYL PHENYL ETHER	U	0.24	ug/L	1.22	0.24		
DIETHYL PHTHALATE		0.43	ug/L	1.22	0.12		
4,6-DINITRO-O-CRESOL	U	1.2	ug/L	1.22	1.2		
N-NITROSODIPHENYLAMINE	U	0.12	ug/L	1.22	0.12		
AZOBENZENE	U	0.12	ug/L	1.22	0.12		
4-BROMOPHENYL PHENYL ETHER	U	0.12	ug/L	1.22	0.12		
HEXACHLOROBENZENE	U	0.24	ug/L	1.22	0.24		
PENTACHLOROPHENOL	U	2.4	ug/L	1.22	2.4		
PHENANTHRENE	U	0.12	ug/L	1.22	0.12		
ANTHRACENE	U	0.12	ug/L	1.22	0.12		
DI-N-BUTYL PHTHALATE		0.49	ug/L	1.22	0.24		
FLUORANTHENE		0.12	ug/L	1.22	0.12		
PYRENE		0.22	ug/L	1.22	0.12		
BUTYLBENZYL PHTHALATE		0.71	ug/L	1.22	0.12		
BENZIDINE	U	6.1	ug/L	1.22	6.1		
BENZO(A)ANTHRACENE		0.13	ug/L	1.22	0.12		
CHRYSENE		0.098	ug/L	1.22	0.061		
3,3'-DICHLOROBENZIDINE	U	0.12	ug/L	1.22	0.12		
BIS(2-ETHYLHEXYL)PHTHALATE		3.3	ug/L	1.22	0.61		
DI-N-OCTYL PHTHALATE	U	0.12	ug/L	1.22	0.12		
BENZO(B)FLUORANTHENE	U	0.12	ug/L	1.22	0.12		
BENZO(K)FLUORANTHENE	U	0.12	ug/L	1.22	0.12		
INDENO(1,2,3-CD)PYRENE	U	0.24	ug/L	1.22	0.24		
DIBENZO(A,H)ANTHRACENE	U	0.12	ug/L	1.22	0.12		
BENZO(GHI)PERYLENE	U	0.12	ug/L	1.22	0.12		
BENZO(A)PYRENE	U	0.12	ug/L	1.22	0.12		
ANILINE	U	0.24	ug/L	1.22	0.24		
BENZYL ALCOHOL	U	0.24	ug/L	1.22	0.24		
2-CRESOL	U	0.24	ug/L	1.22	0.24		
3-,4-METHYLPHENOL	U	0.12	ug/L	1.22	0.12		
BENZOIC ACID		19	ug/L	1.22	1.2		
4-CHLOROANILINE	U	0.73	ug/L	1.22	0.73		
2-METHYLNAPHTHALENE	U	0.49	ug/L	1.22	0.49		
2,4,5-TRICHLOROPHENOL	U	0.49	ug/L	1.22	0.49		
3-NITROANILINE	U	0.37	ug/L	1.22	0.37		
2-NITROANILINE	U	0.24	ug/L	1.22	0.24		
DIBENZOFURAN	U	0.37	ug/L	1.22	0.37		
4-NITROANILINE	U	0.24	ug/L	1.22	0.24		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		82.8	% recovery	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0509
 Lab ID: L150846-5 (P152964-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 23 2009, 02:45pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0509; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D8-NAPHTHALENE		80.8	% recovery	1	1	RL/ML	
D10-ACENAPHTHENE		81.2	% recovery	1	1		
D10-PHENANTHRENE		82.2	% recovery	1	1		
D12-CHRYSENE		87.9	% recovery	1	1		
D12-PERYLENE		98.0	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	31	% recovery	1			
D5-PHENOL	D	42	% recovery	1			
D5-NITROBENZENE		74	% recovery	1			
2-FLUOROBIPHENYL		80	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	26	% recovery	1			
D14-P-TERPHENYL	D	35	% recovery	1			
Run ID: R181600 / Work Group No.: WG153224							
Prep Date1: 02-APR-09 Analyzed 02-Apr-09 20:54							

Method: EPA 6010B - ICP Scan	GroundH2O						
<i>TARGET ANALYTES</i>							
ARSENIC	U	12.1	ug/L	1.1	12.1		
BARIUM		690	ug/L	1.1	0.77		
BERYLLIUM	U	0.550	ug/L	1.1	0.55		
CADMIUM	U	0.990	ug/L	1.1	0.99		
COBALT		4.07	ug/L	1.1	1.1		
CHROMIUM		29.2	ug/L	1.1	3.3		
COPPER		5.72	ug/L	1.1	3.3		
MOLYBDENUM		10.0	ug/L	1.1	2.2		
NICKEL		21.1	ug/L	1.1	3.3		
LEAD	U	5.50	ug/L	1.1	5.5		
ANTIMONY	U	13.2	ug/L	1.1	13.2		
SELENIUM	U	9.90	ug/L	1.1	9.9		
THALLIUM	U	14.3	ug/L	1.1	14.3		
VANADIUM		14.5	ug/L	1.1	4.4		
ZINC		12.8	ug/L	1.1	4.4		
Run ID: R182019 / Work Group No.: WG153532							
Prep Date1: 15-APR-09 Analyzed 15-Apr-09 10:10							

Method: EPA 7470 - Hg: Cold Vapor	GroundH2O						
<i>TARGET ANALYTES</i>							
MERCURY		0.036	ug/L	1	0.02		
Run ID: R181261 / Work Group No.: WG153170							
Prep Date1: 01-APR-09 Analyzed 01-Apr-09 08:30							

Method: EPA 7761 - Silver: Graphite Furnace	GroundH2O						
<i>TARGET ANALYTES</i>							
SILVER		0.060	ug/L	1	0.04		
Run ID: R181438 / Work Group No.: WG153238							
Prep Date1: 26-MAR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 08:22							

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609
 Lab ID: L150846-6 (P152964-6)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 01:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609; Groundwater Suite
 B (field filtered metals), , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	5.9	mg/L	2.56	5.9	5	
OIL AND GREASE (HYDROCARBON)	U	8.2	mg/L	2.56	8.2		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 09:31							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	T	1,900	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		54.3	% recovery	1			
Run ID: R181439 / Work Group No.: WG153172							
Prep Date1: 27-MAR-09 Prep Date2: 30-MAR-09 Analyzed 30-Mar-09 19:04							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	U	57	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		72.6	% recovery	1			
D5-CHLOROBENZENE		76.4	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		104	% recovery	1			
D4-DICHLOROETHANE		109	% recovery	1			
D8-TOLUENE		104	% recovery	1			
4-BROMOFLUOROBENZENE		106	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 05-Apr-09 17:23							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		4.3	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U,N	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U,N	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE		0.62	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609
 Lab ID: L150846-6 (P152964-6)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 01:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609; Groundwater Suite
 B (field filtered metals), , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYLVINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U,N	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U,N	0.65	ug/L	1	0.65		
ETHYL ACETATE	U,N	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U,N,*	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U,*	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U,N	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U,N	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	1.7	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609
 Lab ID: L150846-6 (P152964-6)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 01:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609; Groundwater Suite
 B (field filtered metals), , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U,*	1.0	ug/L	1	1		
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U,N	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U,N	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U,N	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		93.4	% recovery	1			
D5-CHLOROBENZENE		99.2	% recovery	1			
D4-1,4-DICHLOROBENZENE		95.8	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		101	% recovery	1			
D4-DICHLOROETHANE		110	% recovery	1			
D8-TOLUENE		101	% recovery	1			
4-BROMOFLUOROBENZENE		110	% recovery	1			

Run ID: R181633 / Work Group No.: WG153183
 Prep Date: 01-APR-09 Analyzed 05-Apr-09 17:23

Method: EPA 8270C - Semivolatile Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.19	ug/L	.971	0.19	
PYRIDINE	U	0.19	ug/L	.971	0.19	
PHENOL		1.7	ug/L	.971	0.19	
2-CHLOROPHENOL	U	0.19	ug/L	.971	0.19	
BIS(2-CHLOROETHYL)ETHER	U	0.19	ug/L	.971	0.19	
1,3-DICHLOROBENZENE	U	0.29	ug/L	.971	0.29	
1,4-DICHLOROBENZENE	U	0.29	ug/L	.971	0.29	
1,2-DICHLOROBENZENE	U	0.29	ug/L	.971	0.29	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.097	ug/L	.971	0.097	
HEXACHLOROETHANE	U	0.39	ug/L	.971	0.39	
N-NITROSODI-N-PROPYLAMINE	U	0.097	ug/L	.971	0.097	
NITROBENZENE	U	0.097	ug/L	.971	0.097	
ISOPHORONE		0.14	ug/L	.971	0.097	
2-NITROPHENOL	U	0.097	ug/L	.971	0.097	
2,4-DIMETHYLPHENOL	U	0.19	ug/L	.971	0.19	
BIS(2-CHLOROETHOXY)METHANE	U	0.097	ug/L	.971	0.097	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609
 Lab ID: L150846-6 (P152964-6)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 01:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609; Groundwater Suite
 B (field filtered metals), , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
2,4-DICHLOROPHENOL	U	0.29	ug/L	.971	0.29		
1,2,4-TRICHLOROBENZENE	U	0.29	ug/L	.971	0.29		
NAPHTHALENE	U	0.19	ug/L	.971	0.19		
HEXACHLOROBUTADIENE	U	0.39	ug/L	.971	0.39		
P-CHLORO-M-CRESOL	U	0.19	ug/L	.971	0.19		
HEXACHLOROCYCLOPENTADIENE	U	0.97	ug/L	.971	0.97		
2,4,6-TRICHLOROPHENOL	U	0.097	ug/L	.971	0.097		
2-CHLORONAPHTHALENE	U	0.19	ug/L	.971	0.19		
ACENAPHTHYLENE	U	0.097	ug/L	.971	0.097		
DIMETHYL PHTHALATE	U	0.097	ug/L	.971	0.097		
2,6-DINITROTOLUENE	U	0.19	ug/L	.971	0.19		
ACENAPHTHENE	U	0.19	ug/L	.971	0.19		
2,4-DINITROPHENOL	U	0.97	ug/L	.971	0.97		
4-NITROPHENOL	U	1.9	ug/L	.971	1.9		
2,4-DINITROTOLUENE	U	0.097	ug/L	.971	0.097		
FLUORENE	U	0.19	ug/L	.971	0.19		
4-CHLOROPHENYL PHENYL ETHER	U	0.19	ug/L	.971	0.19		
DIETHYL PHTHALATE		0.60	ug/L	.971	0.097		
4,6-DINITRO-O-CRESOL	U	0.97	ug/L	.971	0.97		
N-NITROSODIPHENYLAMINE	U	0.097	ug/L	.971	0.097		
AZOBENZENE	U	0.097	ug/L	.971	0.097		
4-BROMOPHENYL PHENYL ETHER	U	0.097	ug/L	.971	0.097		
HEXACHLOROBENZENE	U	0.19	ug/L	.971	0.19		
PENTACHLOROPHENOL	U	1.9	ug/L	.971	1.9		
PHENANTHRENE	U	0.097	ug/L	.971	0.097		
ANTHRACENE	U	0.097	ug/L	.971	0.097		
DI-N-BUTYL PHTHALATE		1.2	ug/L	.971	0.19		
FLUORANTHENE	U	0.097	ug/L	.971	0.097		
PYRENE	U	0.097	ug/L	.971	0.097		
BUTYLBENZYL PHTHALATE		0.65	ug/L	.971	0.097		
BENZIDINE	U	4.9	ug/L	.971	4.9		
BENZO(A)ANTHRACENE	U	0.097	ug/L	.971	0.097		
CHRYSENE	U	0.049	ug/L	.971	0.049		
3,3'-DICHLOROBENZIDINE	U	0.097	ug/L	.971	0.097		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.49	ug/L	.971	0.49		
DI-N-OCTYL PHTHALATE	U	0.097	ug/L	.971	0.097		
BENZO(B)FLUORANTHENE	U	0.097	ug/L	.971	0.097		
BENZO(K)FLUORANTHENE	U	0.097	ug/L	.971	0.097		
INDENO(1,2,3-CD)PYRENE	U	0.19	ug/L	.971	0.19		
DIBENZO(A,H)ANTHRACENE	U	0.097	ug/L	.971	0.097		
BENZO(GHI)PERYLENE	U	0.097	ug/L	.971	0.097		
BENZO(A)PYRENE	U	0.097	ug/L	.971	0.097		
ANILINE	U	0.19	ug/L	.971	0.19		
BENZYL ALCOHOL	U	0.19	ug/L	.971	0.19		
2-CRESOL	U	0.19	ug/L	.971	0.19		
3-,4-METHYLPHENOL	U	0.097	ug/L	.971	0.097		
BENZOIC ACID	U	0.97	ug/L	.971	0.97		
4-CHLOROANILINE	U	0.58	ug/L	.971	0.58		
2-METHYLNAPHTHALENE	U	0.39	ug/L	.971	0.39		
2,4,5-TRICHLOROPHENOL	U	0.39	ug/L	.971	0.39		
3-NITROANILINE	U	0.29	ug/L	.971	0.29		
2-NITROANILINE	U	0.19	ug/L	.971	0.19		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609
 Lab ID: L150846-6 (P152964-6)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 01:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609; Groundwater Suite
 B (field filtered metals), , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
DIBENZOFURAN	U	0.29	ug/L	.971	0.29		
4-NITROANILINE	U	0.19	ug/L	.971	0.19		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		89.4	% recovery	1	1		
D8-NAPHTHALENE		85.9	% recovery	1	1		
D10-ACENAPHTHENE		86.2	% recovery	1	1		
D10-PHENANTHRENE		88.0	% recovery	1	1		
D12-CHRYSENE		87.6	% recovery	1	1		
D12-PERYLENE		93.9	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	55	% recovery	1			
D5-PHENOL	D	61	% recovery	1			
D5-NITROBENZENE		70	% recovery	1			
2-FLUOROBIPHENYL		75	% recovery	1			
2,4,6-TRIBROMOPHENOL		78	% recovery	1			
D14-P-TERPHENYL	D	22	% recovery	1			

Run ID: R181600 / Work Group No.: WG153224
 Prep Date1: 02-APR-09 Analyzed 02-Apr-09 23:50

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709
 Lab ID: L150846-7 (P152964-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 02:30pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709; Groundwater Suite
 B (field filtered metals), , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	5.3	mg/L	2.33	5.3	5	
OIL AND GREASE (HYDROCARBON)	U	7.4	mg/L	2.33	7.4		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 10:31							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		64.4	% recovery	1			
Run ID: R181439 / Work Group No.: WG153172							
Prep Date1: 27-MAR-09 Prep Date2: 30-MAR-09 Analyzed 30-Mar-09 21:41							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	U	57	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		69.8	% recovery	1			
D5-CHLOROBENZENE		72.2	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		104	% recovery	1			
D4-DICHLOROETHANE		99.4	% recovery	1			
D8-TOLUENE		102	% recovery	1			
4-BROMOFLUOROBENZENE		108	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 06-Apr-09 09:57							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		9.7	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709
 Lab ID: L150846-7 (P152964-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 02:30pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709; Groundwater Suite
 B (field filtered metals), , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYLVINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE		30	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		

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 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709
 Lab ID: L150846-7 (P152964-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 02:30pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709; Groundwater Suite
 B (field filtered metals), , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		89.8	% recovery	1			
D5-CHLOROBENZENE		93.8	% recovery	1			
D4-1,4-DICHLOROBENZENE		94.6	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		100	% recovery	1			
D4-DICHLOROETHANE		100	% recovery	1			
D8-TOLUENE		99.2	% recovery	1			
4-BROMOFLUOROBENZENE		112	% recovery	1			

Run ID: R181633 / Work Group No.: WG153183
 Prep Date: 01-APR-09 Analyzed 06-Apr-09 09:57

Method: EPA 8270C - Semivolatile Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.20	ug/L	1	0.2	
PYRIDINE	U	0.20	ug/L	1	0.2	
PHENOL		0.30	ug/L	1	0.2	
2-CHLOROPHENOL	U	0.20	ug/L	1	0.2	
BIS(2-CHLOROETHYL)ETHER	U	0.20	ug/L	1	0.2	
1,3-DICHLOROBENZENE	U	0.30	ug/L	1	0.3	
1,4-DICHLOROBENZENE	U	0.30	ug/L	1	0.3	
1,2-DICHLOROBENZENE	U	0.30	ug/L	1	0.3	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.10	ug/L	1	0.1	
HEXACHLOROETHANE	U	0.40	ug/L	1	0.4	
N-NITROSODI-N-PROPYLAMINE	U	0.10	ug/L	1	0.1	
NITROBENZENE	U	0.10	ug/L	1	0.1	
ISOPHORONE	U	0.10	ug/L	1	0.1	
2-NITROPHENOL	U	0.10	ug/L	1	0.1	
2,4-DIMETHYLPHENOL	U	0.20	ug/L	1	0.2	
BIS(2-CHLOROETHOXY)METHANE	U	0.10	ug/L	1	0.1	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709
 Lab ID: L150846-7 (P152964-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 02:30pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709; Groundwater Suite
 B (field filtered metals), , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
2,4-DICHLOROPHENOL	U	0.30	ug/L	1	0.3		
1,2,4-TRICHLOROBENZENE	U	0.30	ug/L	1	0.3		
NAPHTHALENE	U	0.20	ug/L	1	0.2		
HEXACHLOROBUTADIENE	U	0.40	ug/L	1	0.4		
P-CHLORO-M-CRESOL	U	0.20	ug/L	1	0.2		
HEXACHLOROCYCLOPENTADIENE	U	1.0	ug/L	1	1		
2,4,6-TRICHLOROPHENOL	U	0.10	ug/L	1	0.1		
2-CHLORONAPHTHALENE	U	0.20	ug/L	1	0.2		
ACENAPHTHYLENE	U	0.10	ug/L	1	0.1		
DIMETHYL PHTHALATE	U	0.10	ug/L	1	0.1		
2,6-DINITROTOLUENE	U	0.20	ug/L	1	0.2		
ACENAPHTHENE	U	0.20	ug/L	1	0.2		
2,4-DINITROPHENOL	U	1.0	ug/L	1	1		
4-NITROPHENOL	U	2.0	ug/L	1	2		
2,4-DINITROTOLUENE	U	0.10	ug/L	1	0.1		
FLUORENE	U	0.20	ug/L	1	0.2		
4-CHLOROPHENYL PHENYL ETHER	U	0.20	ug/L	1	0.2		
DIETHYL PHTHALATE		0.17	ug/L	1	0.1		
4,6-DINITRO-O-CRESOL	U	1.0	ug/L	1	1		
N-NITROSODIPHENYLAMINE	U	0.10	ug/L	1	0.1		
AZOBENZENE	U	0.10	ug/L	1	0.1		
4-BROMOPHENYL PHENYL ETHER	U	0.10	ug/L	1	0.1		
HEXACHLOROBENZENE	U	0.20	ug/L	1	0.2		
PENTACHLOROPHENOL	U	2.0	ug/L	1	2		
PHENANTHRENE	U	0.10	ug/L	1	0.1		
ANTHRACENE	U	0.10	ug/L	1	0.1		
DI-N-BUTYL PHTHALATE		0.35	ug/L	1	0.2		
FLUORANTHENE	U	0.10	ug/L	1	0.1		
PYRENE	U	0.10	ug/L	1	0.1		
BUTYLBENZYL PHTHALATE		0.53	ug/L	1	0.1		
BENZIDINE	U	5.0	ug/L	1	5		
BENZO(A)ANTHRACENE	U	0.10	ug/L	1	0.1		
CHRYSENE	U	0.050	ug/L	1	0.05		
3,3'-DICHLOROBENZIDINE	U	0.10	ug/L	1	0.1		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.50	ug/L	1	0.5		
DI-N-OCTYL PHTHALATE	U	0.10	ug/L	1	0.1		
BENZO(B)FLUORANTHENE	U	0.10	ug/L	1	0.1		
BENZO(K)FLUORANTHENE	U	0.10	ug/L	1	0.1		
INDENO(1,2,3-CD)PYRENE	U	0.20	ug/L	1	0.2		
DIBENZO(A,H)ANTHRACENE	U	0.10	ug/L	1	0.1		
BENZO(GHI)PERYLENE	U	0.10	ug/L	1	0.1		
BENZO(A)PYRENE		0.12	ug/L	1	0.1		
ANILINE	U	0.20	ug/L	1	0.2		
BENZYL ALCOHOL	U	0.20	ug/L	1	0.2		
2-CRESOL	U	0.20	ug/L	1	0.2		
3-,4-METHYLPHENOL	U	0.10	ug/L	1	0.1		
BENZOIC ACID	U	1.0	ug/L	1	1		
4-CHLOROANILINE	U	0.60	ug/L	1	0.6		
2-METHYLNAPHTHALENE	U	0.40	ug/L	1	0.4		
2,4,5-TRICHLOROPHENOL	U	0.40	ug/L	1	0.4		
3-NITROANILINE	U	0.30	ug/L	1	0.3		
2-NITROANILINE	U	0.20	ug/L	1	0.2		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709
 Lab ID: L150846-7 (P152964-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 02:30pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709; Groundwater Suite
 B (field filtered metals), , not enough sample to fill Metals sample
 container analysis canceled at login

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
DIBENZOFURAN	U	0.30	ug/L	1	0.3		
4-NITROANILINE	U	0.20	ug/L	1	0.2		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		91.2	% recovery	1	1		
D8-NAPHTHALENE		88.2	% recovery	1	1		
D10-ACENAPHTHENE		87.3	% recovery	1	1		
D10-PHENANTHRENE		90.0	% recovery	1	1		
D12-CHRYSENE		90.6	% recovery	1	1		
D12-PERYLENE		96.0	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	32	% recovery	1			
D5-PHENOL	D	39	% recovery	1			
D5-NITROBENZENE	D	55	% recovery	1			
2-FLUOROBIPHENYL	D	68	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	50	% recovery	1			
D14-P-TERPHENYL	D	21	% recovery	1			

Run ID: R181600 / Work Group No.: WG153224
 Prep Date: 02-APR-09 Analyzed 03-Apr-09 00:34

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0809
 Lab ID: L150846-8 (P152964-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 03:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0809; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
TARGET ANALYTES							
OIL AND GREASE	U	5.8	mg/L	2.5	5.8	5	
OIL AND GREASE (HYDROCARBON)	U	8.0	mg/L	2.5	8		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 10:31							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
TARGET ANALYTES							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	T	1,600	ug/L	1	260		
INTERNAL STANDARD							
5-A-ANDROSTANE		53.6	% recovery	1			
Run ID: R181439 / Work Group No.: WG153172							
Prep Date1: 27-MAR-09 Prep Date2: 30-MAR-09 Analyzed 30-Mar-09 22:07							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
TARGET ANALYTES							
GASOLINE	U	57	ug/L	1	57		
INTERNAL STANDARD							
FLUOROBENZENE		69.0	% recovery	1			
D5-CHLOROBENZENE		72.4	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		104	% recovery	1			
D4-DICHLOROETHANE		107	% recovery	1			
D8-TOLUENE		104	% recovery	1			
4-BROMOFLUOROBENZENE		103	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 06-Apr-09 10:41							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
TARGET ANALYTES							
ACETONE		5.7	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE		0.85	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL		19	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0809
 Lab ID: L150846-8 (P152964-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 03:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0809; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	1.7	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0809
 Lab ID: L150846-8 (P152964-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 03:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0809; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		88.8	% recovery	1			
D5-CHLOROBENZENE		94.2	% recovery	1			
D4-1,4-DICHLOROBENZENE		95.6	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		101	% recovery	1			
D4-DICHLOROETHANE		108	% recovery	1			
D8-TOLUENE		101	% recovery	1			
4-BROMOFLUOROBENZENE		107	% recovery	1			
Run ID: R181633 / Work Group No.: WG153183							
Prep Date: 01-APR-09 Analyzed 06-Apr-09 10:41							

Method: EPA 8270C - Semivolatiles Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.20	ug/L	.98	0.2	
PYRIDINE	U	0.20	ug/L	.98	0.2	
PHENOL		5.0	ug/L	.98	0.2	
2-CHLOROPHENOL	U	0.20	ug/L	.98	0.2	
BIS(2-CHLOROETHYL)ETHER	U	0.20	ug/L	.98	0.2	
1,3-DICHLOROBENZENE	U	0.29	ug/L	.98	0.29	
1,4-DICHLOROBENZENE	U	0.29	ug/L	.98	0.29	
1,2-DICHLOROBENZENE	U	0.29	ug/L	.98	0.29	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.098	ug/L	.98	0.098	
HEXACHLOROETHANE	U	0.39	ug/L	.98	0.39	
N-NITROSODI-N-PROPYLAMINE	U	0.098	ug/L	.98	0.098	
NITROBENZENE	U	0.098	ug/L	.98	0.098	
ISOPHORONE	U	0.098	ug/L	.98	0.098	
2-NITROPHENOL	U	0.098	ug/L	.98	0.098	
2,4-DIMETHYLPHENOL	U	0.20	ug/L	.98	0.2	
BIS(2-CHLOROETHOXY)METHANE	U	0.098	ug/L	.98	0.098	
2,4-DICHLOROPHENOL	U	0.29	ug/L	.98	0.29	
1,2,4-TRICHLOROBENZENE	U	0.29	ug/L	.98	0.29	
NAPHTHALENE	U	0.20	ug/L	.98	0.2	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0809
 Lab ID: L150846-8 (P152964-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 03:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0809; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
HEXACHLOROBUTADIENE	U	0.39	ug/L	.98	0.39		
P-CHLORO-M-CRESOL	U	0.20	ug/L	.98	0.2		
HEXACHLOROCYCLOPENTADIENE	U	0.98	ug/L	.98	0.98		
2,4,6-TRICHLOROPHENOL	U	0.098	ug/L	.98	0.098		
2-CHLORONAPHTHALENE	U	0.20	ug/L	.98	0.2		
ACENAPHTHYLENE	U	0.098	ug/L	.98	0.098		
DIMETHYL PHTHALATE	U	0.098	ug/L	.98	0.098		
2,6-DINITROTOLUENE	U	0.20	ug/L	.98	0.2		
ACENAPHTHENE	U	0.20	ug/L	.98	0.2		
2,4-DINITROPHENOL	U	0.98	ug/L	.98	0.98		
4-NITROPHENOL	U	2.0	ug/L	.98	2		
2,4-DINITROTOLUENE	U	0.098	ug/L	.98	0.098		
FLUORENE	U	0.20	ug/L	.98	0.2		
4-CHLOROPHENYL PHENYL ETHER	U	0.20	ug/L	.98	0.2		
DIETHYL PHTHALATE		0.18	ug/L	.98	0.098		
4,6-DINITRO-O-CRESOL	U	0.98	ug/L	.98	0.98		
N-NITROSODIPHENYLAMINE	U	0.098	ug/L	.98	0.098		
AZOBENZENE	U	0.098	ug/L	.98	0.098		
4-BROMOPHENYL PHENYL ETHER	U	0.098	ug/L	.98	0.098		
HEXACHLOROBENZENE	U	0.20	ug/L	.98	0.2		
PENTACHLOROPHENOL	U	2.0	ug/L	.98	2		
PHENANTHRENE	U	0.098	ug/L	.98	0.098		
ANTHRACENE	U	0.098	ug/L	.98	0.098		
DI-N-BUTYL PHTHALATE		0.38	ug/L	.98	0.2		
FLUORANTHENE	U	0.098	ug/L	.98	0.098		
PYRENE	U	0.098	ug/L	.98	0.098		
BUTYLBENZYL PHTHALATE		0.61	ug/L	.98	0.098		
BENZIDINE	U	4.9	ug/L	.98	4.9		
BENZO(A)ANTHRACENE	U	0.098	ug/L	.98	0.098		
CHRYSENE	U	0.049	ug/L	.98	0.049		
3,3'-DICHLOROBENZIDINE	U	0.098	ug/L	.98	0.098		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.49	ug/L	.98	0.49		
DI-N-OCTYL PHTHALATE	U	0.098	ug/L	.98	0.098		
BENZO(B)FLUORANTHENE	U	0.098	ug/L	.98	0.098		
BENZO(K)FLUORANTHENE	U	0.098	ug/L	.98	0.098		
INDENO(1,2,3-CD)PYRENE	U	0.20	ug/L	.98	0.2		
DIBENZO(A,H)ANTHRACENE	U	0.098	ug/L	.98	0.098		
BENZO(GHI)PERYLENE	U	0.098	ug/L	.98	0.098		
BENZO(A)PYRENE	U	0.098	ug/L	.98	0.098		
ANILINE	U	0.20	ug/L	.98	0.2		
BENZYL ALCOHOL	U	0.20	ug/L	.98	0.2		
2-CRESOL	U	0.20	ug/L	.98	0.2		
3-,4-METHYLPHENOL	U	0.098	ug/L	.98	0.098		
BENZOIC ACID	U	0.98	ug/L	.98	0.98		
4-CHLOROANILINE	U	0.59	ug/L	.98	0.59		
2-METHYLNAPHTHALENE	U	0.39	ug/L	.98	0.39		
2,4,5-TRICHLOROPHENOL	U	0.39	ug/L	.98	0.39		
3-NITROANILINE	U	0.29	ug/L	.98	0.29		
2-NITROANILINE	U	0.20	ug/L	.98	0.2		
DIBENZOFURAN	U	0.29	ug/L	.98	0.29		
4-NITROANILINE	U	0.20	ug/L	.98	0.2		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		90.3	% recovery	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0809
 Lab ID: L150846-8 (P152964-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 03:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0809; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D8-NAPHTHALENE		89.6	% recovery	1	1	RL/ML	
D10-ACENAPHTHENE		89.2	% recovery	1	1		
D10-PHENANTHRENE		88.5	% recovery	1	1		
D12-CHRYSENE		93.1	% recovery	1	1		
D12-PERYLENE		103	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	40	% recovery	1			
D5-PHENOL	D	41	% recovery	1			
D5-NITROBENZENE	D	68	% recovery	1			
2-FLUOROBIPHENYL		70	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	52	% recovery	1			
D14-P-TERPHENYL	D	11	% recovery	1			
Run ID: R181600 / Work Group No.: WG153224							
Prep Date1: 02-APR-09 Analyzed 03-Apr-09 01:18							

Method: EPA 6010B - ICP Scan	GroundH2O						
<i>TARGET ANALYTES</i>							
ARSENIC	U	12.1	ug/L	1.1	12.1		
BARIUM		729	ug/L	1.1	0.77		
BERYLLIUM	U	0.550	ug/L	1.1	0.55		
CADMIUM	U	0.990	ug/L	1.1	0.99		
COBALT		1.18	ug/L	1.1	1.1		
CHROMIUM		14.4	ug/L	1.1	3.3		
COPPER		5.70	ug/L	1.1	3.3		
MOLYBDENUM		2.57	ug/L	1.1	2.2		
NICKEL		11.4	ug/L	1.1	3.3		
LEAD	U	5.50	ug/L	1.1	5.5		
ANTIMONY	U	13.2	ug/L	1.1	13.2		
SELENIUM	U	9.90	ug/L	1.1	9.9		
THALLIUM	U	14.3	ug/L	1.1	14.3		
VANADIUM		7.52	ug/L	1.1	4.4		
ZINC		13.7	ug/L	1.1	4.4		
Run ID: R182019 / Work Group No.: WG153532							
Prep Date1: 15-APR-09 Analyzed 15-Apr-09 10:13							

Method: EPA 7470 - Hg: Cold Vapor	GroundH2O						
<i>TARGET ANALYTES</i>							
MERCURY		0.024	ug/L	1	0.02		
Run ID: R181261 / Work Group No.: WG153170							
Prep Date1: 01-APR-09 Analyzed 01-Apr-09 08:30							

Method: EPA 7761 - Silver: Graphite Furnace	GroundH2O						
<i>TARGET ANALYTES</i>							
SILVER		0.041	ug/L	1	0.04		
Run ID: R181438 / Work Group No.: WG153238							
Prep Date1: 26-MAR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 08:22							

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0909
 Lab ID: L150846-9 (P152964-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 03:30pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0909; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
TARGET ANALYTES							
OIL AND GREASE		5.8	mg/L	2.22	5.1	5	
OIL AND GREASE (HYDROCARBON)	U	7.1	mg/L	2.22	7.1		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 10:32							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
TARGET ANALYTES							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)		13,000	ug/L	1	260		
INTERNAL STANDARD							
5-A-ANDROSTANE		71.5	% recovery	1			
Run ID: R181439 / Work Group No.: WG153172							
Prep Date1: 27-MAR-09 Prep Date2: 30-MAR-09 Analyzed 30-Mar-09 22:33							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
TARGET ANALYTES							
GASOLINE		90	ug/L	1	57		
INTERNAL STANDARD							
FLUOROBENZENE		70.0	% recovery	1			
D5-CHLOROBENZENE		73.2	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		101	% recovery	1			
D4-DICHLOROETHANE		102	% recovery	1			
D8-TOLUENE		103	% recovery	1			
4-BROMOFLUOROBENZENE		104	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 06-Apr-09 11:25							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
TARGET ANALYTES							
ACETONE		9.0	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE		0.89	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL		14	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0909
 Lab ID: L150846-9 (P152964-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 03:30pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0909; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	1.7	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.49	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.88	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	2.4	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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 Laboratory Services Division
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 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0909
 Lab ID: L150846-9 (P152964-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 03:30pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0909; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	2.1	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.82	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
INTERNAL STANDARD							
FLUOROBENZENE		90.2	% recovery	1			
D5-CHLOROBENZENE		95.0	% recovery	1			
D4-1,4-DICHLOROBENZENE		96.4	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		97.6	% recovery	1			
D4-DICHLOROETHANE		103	% recovery	1			
D8-TOLUENE		101	% recovery	1			
4-BROMOFLUOROBENZENE		108	% recovery	1			

Run ID: R181633 / Work Group No.: WG153183
 Prep Date: 01-APR-09 Analyzed 06-Apr-09 11:25

Method: EPA 8270C - Semivolatile Organics: GC/MS						GroundH2O
TARGET ANALYTES						
N-NITROSODIMETHYLAMINE	U	0.20	ug/L	1.01	0.2	
PYRIDINE	U	0.20	ug/L	1.01	0.2	
PHENOL	U	0.20	ug/L	1.01	0.2	
2-CHLOROPHENOL	U	0.20	ug/L	1.01	0.2	
BIS(2-CHLOROETHYL)ETHER	U	0.20	ug/L	1.01	0.2	
1,3-DICHLOROBENZENE	U	0.30	ug/L	1.01	0.3	
1,4-DICHLOROBENZENE	U	0.30	ug/L	1.01	0.3	
1,2-DICHLOROBENZENE	U	0.30	ug/L	1.01	0.3	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.10	ug/L	1.01	0.1	
HEXACHLOROETHANE	U	0.40	ug/L	1.01	0.4	
N-NITROSODI-N-PROPYLAMINE	U	0.10	ug/L	1.01	0.1	
NITROBENZENE	U	0.10	ug/L	1.01	0.1	
ISOPHORONE	U	0.10	ug/L	1.01	0.1	
2-NITROPHENOL	U	0.10	ug/L	1.01	0.1	
2,4-DIMETHYLPHENOL	U	0.20	ug/L	1.01	0.2	
BIS(2-CHLOROETHOXY)METHANE	U	0.10	ug/L	1.01	0.1	
2,4-DICHLOROPHENOL	U	0.30	ug/L	1.01	0.3	
1,2,4-TRICHLOROBENZENE	U	0.30	ug/L	1.01	0.3	
NAPHTHALENE	U	0.20	ug/L	1.01	0.2	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0909
 Lab ID: L150846-9 (P152964-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 03:30pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0909; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
HEXACHLOROBUTADIENE	U	0.40	ug/L	1.01	0.4		
P-CHLORO-M-CRESOL	U	0.20	ug/L	1.01	0.2		
HEXACHLOROCYCLOPENTADIENE	U	1.0	ug/L	1.01	1		
2,4,6-TRICHLOROPHENOL	U	0.10	ug/L	1.01	0.1		
2-CHLORONAPHTHALENE	U	0.20	ug/L	1.01	0.2		
ACENAPHTHYLENE		3.2	ug/L	1.01	0.1		
DIMETHYL PHTHALATE	U	0.10	ug/L	1.01	0.1		
2,6-DINITROTOLUENE	U	0.20	ug/L	1.01	0.2		
ACENAPHTHENE	U	0.20	ug/L	1.01	0.2		
2,4-DINITROPHENOL	U	1.0	ug/L	1.01	1		
4-NITROPHENOL	U	2.0	ug/L	1.01	2		
2,4-DINITROTOLUENE	U	0.10	ug/L	1.01	0.1		
FLUORENE		1.8	ug/L	1.01	0.2		
4-CHLOROPHENYL PHENYL ETHER	U	0.20	ug/L	1.01	0.2		
DIETHYL PHTHALATE	U	0.10	ug/L	1.01	0.1		
4,6-DINITRO-O-CRESOL	U	1.0	ug/L	1.01	1		
N-NITROSODIPHENYLAMINE	U	0.10	ug/L	1.01	0.1		
AZOBENZENE	U	0.10	ug/L	1.01	0.1		
4-BROMOPHENYL PHENYL ETHER	U	0.10	ug/L	1.01	0.1		
HEXACHLOROBENZENE	U	0.20	ug/L	1.01	0.2		
PENTACHLOROPHENOL	U	2.0	ug/L	1.01	2		
PHENANTHRENE		2.4	ug/L	1.01	0.1		
ANTHRACENE	U	0.10	ug/L	1.01	0.1		
DI-N-BUTYL PHTHALATE		2.3	ug/L	1.01	0.2		
FLUORANTHENE		1.4	ug/L	1.01	0.1		
PYRENE		2.9	ug/L	1.01	0.1		
BUTYLBENZYL PHTHALATE		5.9	ug/L	1.01	0.1		
BENZIDINE	U	5.1	ug/L	1.01	5.1		
BENZO(A)ANTHRACENE		1.6	ug/L	1.01	0.1		
CHRYSENE		1.1	ug/L	1.01	0.051		
3,3'-DICHLOROBENZIDINE	U	0.10	ug/L	1.01	0.1		
BIS(2-ETHYLHEXYL)PHTHALATE		40	ug/L	1.01	0.51		
DI-N-OCTYL PHTHALATE		2.3	ug/L	1.01	0.1		
BENZO(B)FLUORANTHENE	U	0.10	ug/L	1.01	0.1		
BENZO(K)FLUORANTHENE	U	0.10	ug/L	1.01	0.1		
INDENO(1,2,3-CD)PYRENE	U	0.20	ug/L	1.01	0.2		
DIBENZO(A,H)ANTHRACENE	U	0.10	ug/L	1.01	0.1		
BENZO(GHI)PERYLENE	U	0.10	ug/L	1.01	0.1		
BENZO(A)PYRENE	U	0.10	ug/L	1.01	0.1		
ANILINE	U	0.20	ug/L	1.01	0.2		
BENZYL ALCOHOL	U	0.20	ug/L	1.01	0.2		
2-CRESOL	U	0.20	ug/L	1.01	0.2		
3-,4-METHYLPHENOL	U	0.10	ug/L	1.01	0.1		
BENZOIC ACID		23	ug/L	1.01	1		
4-CHLOROANILINE	U	0.61	ug/L	1.01	0.61		
2-METHYLNAPHTHALENE		2.5	ug/L	1.01	0.4		
2,4,5-TRICHLOROPHENOL	U	0.40	ug/L	1.01	0.4		
3-NITROANILINE	U	0.30	ug/L	1.01	0.3		
2-NITROANILINE	U	0.20	ug/L	1.01	0.2		
DIBENZOFURAN	U	0.30	ug/L	1.01	0.3		
4-NITROANILINE	U	0.20	ug/L	1.01	0.2		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		88.7	% recovery	1	1		

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0909
 Lab ID: L150846-9 (P152964-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 03:30pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0909; Groundwater Suite
 B (field filtered metals)

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D8-NAPHTHALENE		89.4	% recovery	1	1	RL/ML	
D10-ACENAPHTHENE		101	% recovery	1	1		
D10-PHENANTHRENE		101	% recovery	1	1		
D12-CHRYSENE		112	% recovery	1	1		
D12-PERYLENE		107	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	1.2	% recovery	1			
D5-PHENOL	D	5.9	% recovery	1			
D5-NITROBENZENE	D	68	% recovery	1			
2-FLUOROBIPHENYL	D	69	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	2.1	% recovery	1			
D14-P-TERPHEENYL	D	44	% recovery	1			
Run ID: R181600 / Work Group No.: WG153224							
Prep Date1: 02-APR-09 Analyzed 03-Apr-09 02:02							

Method: EPA 6010B - ICP Scan	GroundH2O						
<i>TARGET ANALYTES</i>							
ARSENIC	U	12.1	ug/L	1.1	12.1		
BARIUM		392	ug/L	1.1	0.77		
BERYLLIUM	U	0.550	ug/L	1.1	0.55		
CADMIUM	U	0.990	ug/L	1.1	0.99		
COBALT	U	1.10	ug/L	1.1	1.1		
CHROMIUM		7.98	ug/L	1.1	3.3		
COPPER	U	3.30	ug/L	1.1	3.3		
MOLYBDENUM		4.54	ug/L	1.1	2.2		
NICKEL		6.09	ug/L	1.1	3.3		
LEAD	U	5.50	ug/L	1.1	5.5		
ANTIMONY	U	13.2	ug/L	1.1	13.2		
SELENIUM	U	9.90	ug/L	1.1	9.9		
THALLIUM	U	14.3	ug/L	1.1	14.3		
VANADIUM	U	4.40	ug/L	1.1	4.4		
ZINC	U	4.40	ug/L	1.1	4.4		
Run ID: R182019 / Work Group No.: WG153532							
Prep Date1: 15-APR-09 Analyzed 15-Apr-09 14:40							

Method: EPA 7470 - Hg: Cold Vapor	GroundH2O						
<i>TARGET ANALYTES</i>							
MERCURY		0.023	ug/L	1	0.02		
Run ID: R181261 / Work Group No.: WG153170							
Prep Date1: 01-APR-09 Analyzed 01-Apr-09 08:30							

Method: EPA 7761 - Silver: Graphite Furnace	GroundH2O						
<i>TARGET ANALYTES</i>							
SILVER	U	0.040	ug/L	1	0.04		
Run ID: R181438 / Work Group No.: WG153238							
Prep Date1: 26-MAR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 08:22							

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 1009
 Lab ID: L150846-10 (P152964-10)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 04:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1009; Groundwater Suite
 B (field filtered metals) , not enough sample to fill Metals, 8260/Gasoline
 sample containers analyses canceled at login.

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE		10	mg/L	2.22	5.1	5	
OIL AND GREASE (HYDROCARBON)		7.8	mg/L	2.22	7.1		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 11:12							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL		18,000	ug/L	5	100		
MOTOR OIL COMPOSITE (C21-C32)		190,000	ug/L	5	1300		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE	N	22.5	% recovery	5			
Run ID: R181439 / Work Group No.: WG153172							
Prep Date1: 27-MAR-09 Prep Date2: 30-MAR-09 Analyzed 30-Mar-09 22:59							
Method: EPA 8270C - Semivolatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
N-NITROSODIMETHYLAMINE	U	0.22	ug/L	1.08	0.22		
PYRIDINE	U	0.22	ug/L	1.08	0.22		
PHENOL	U	0.22	ug/L	1.08	0.22		
2-CHLOROPHENOL	U	0.22	ug/L	1.08	0.22		
BIS(2-CHLOROETHYL)ETHER	U	0.22	ug/L	1.08	0.22		
1,3-DICHLOROBENZENE	U	0.32	ug/L	1.08	0.32		
1,4-DICHLOROBENZENE	U	0.32	ug/L	1.08	0.32		
1,2-DICHLOROBENZENE	U	0.32	ug/L	1.08	0.32		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.11	ug/L	1.08	0.11		
HEXACHLOROETHANE	U	0.43	ug/L	1.08	0.43		
N-NITROSODI-N-PROPYLAMINE	U	0.11	ug/L	1.08	0.11		
NITROBENZENE	U	0.11	ug/L	1.08	0.11		
ISOPHORONE	U	0.11	ug/L	1.08	0.11		
2-NITROPHENOL	U	0.11	ug/L	1.08	0.11		
2,4-DIMETHYLPHENOL	U	0.22	ug/L	1.08	0.22		
BIS(2-CHLOROETHOXY)METHANE	U	0.11	ug/L	1.08	0.11		
2,4-DICHLOROPHENOL	U	0.32	ug/L	1.08	0.32		
1,2,4-TRICHLOROBENZENE	U	0.32	ug/L	1.08	0.32		
NAPHTHALENE		4.4	ug/L	1.08	0.22		
HEXACHLOROBUTADIENE	U	0.43	ug/L	1.08	0.43		
P-CHLORO-M-CRESOL	U	0.22	ug/L	1.08	0.22		
HEXACHLOROCYCLOPENTADIENE	U	1.1	ug/L	1.08	1.1		
2,4,6-TRICHLOROPHENOL	U	0.11	ug/L	1.08	0.11		
2-CHLORONAPHTHALENE	U	0.22	ug/L	1.08	0.22		
ACENAPHTHYLENE	U	0.11	ug/L	1.08	0.11		
DIMETHYL PHTHALATE	U	0.11	ug/L	1.08	0.11		
2,6-DINITROTOLUENE	U	0.22	ug/L	1.08	0.22		
ACENAPHTHENE	U	0.22	ug/L	1.08	0.22		
2,4-DINITROPHENOL	U	1.1	ug/L	1.08	1.1		
4-NITROPHENOL	U	2.2	ug/L	1.08	2.2		
2,4-DINITROTOLUENE	U	0.11	ug/L	1.08	0.11		
FLUORENE		0.54	ug/L	1.08	0.22		
4-CHLOROPHENYL PHENYL ETHER	U	0.22	ug/L	1.08	0.22		

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Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 1009
 Lab ID: L150846-10 (P152964-10)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 04:00pm Sample collector: SParker/Alisto
 Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1009; Groundwater Suite
 B (field filtered metals) , not enough sample to fill Metals, 8260/Gasoline
 sample containers analyses canceled at login.

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
DIETHYL PHTHALATE		0.23	ug/L	1.08	0.11		
4,6-DINITRO-O-CRESOL	U	1.1	ug/L	1.08	1.1		
N-NITROSODIPHENYLAMINE		1.8	ug/L	1.08	0.11		
AZOBENZENE	U	0.11	ug/L	1.08	0.11		
4-BROMOPHENYL PHENYL ETHER	U	0.11	ug/L	1.08	0.11		
HEXACHLOROBENZENE	U	0.22	ug/L	1.08	0.22		
PENTACHLOROPHENOL	U	2.2	ug/L	1.08	2.2		
PHENANTHRENE		0.63	ug/L	1.08	0.11		
ANTHRACENE	U	0.11	ug/L	1.08	0.11		
DI-N-BUTYL PHTHALATE		1.2	ug/L	1.08	0.22		
FLUORANTHENE	U	0.11	ug/L	1.08	0.11		
PYRENE		0.46	ug/L	1.08	0.11		
BUTYLBENZYL PHTHALATE		1.2	ug/L	1.08	0.11		
BENZIDINE	U	5.4	ug/L	1.08	5.4		
BENZO(A)ANTHRACENE		0.25	ug/L	1.08	0.11		
CHRYSENE		0.22	ug/L	1.08	0.054		
3,3'-DICHLOROBENZIDINE	U	0.11	ug/L	1.08	0.11		
BIS(2-ETHYLHEXYL)PHTHALATE		5.5	ug/L	1.08	0.54		
DI-N-OCTYL PHTHALATE	U	0.11	ug/L	1.08	0.11		
BENZO(B)FLUORANTHENE	U	0.11	ug/L	1.08	0.11		
BENZO(K)FLUORANTHENE	U	0.11	ug/L	1.08	0.11		
INDENO(1,2,3-CD)PYRENE	U	0.22	ug/L	1.08	0.22		
DIBENZO(A,H)ANTHRACENE	U	0.11	ug/L	1.08	0.11		
BENZO(GHI)PERYLENE	U	0.11	ug/L	1.08	0.11		
BENZO(A)PYRENE	U	0.11	ug/L	1.08	0.11		
ANILINE	U	0.22	ug/L	1.08	0.22		
BENZYL ALCOHOL	U	0.22	ug/L	1.08	0.22		
2-CRESOL	U	0.22	ug/L	1.08	0.22		
3-,4-METHYLPHENOL	U	0.11	ug/L	1.08	0.11		
BENZOIC ACID		6.1	ug/L	1.08	1.1		
4-CHLOROANILINE	U	0.65	ug/L	1.08	0.65		
2-METHYLNAPHTHALENE	U	0.43	ug/L	1.08	0.43		
2,4,5-TRICHLOROPHENOL	U	0.43	ug/L	1.08	0.43		
3-NITROANILINE	U	0.32	ug/L	1.08	0.32		
2-NITROANILINE	U	0.22	ug/L	1.08	0.22		
DIBENZOFURAN	U	0.32	ug/L	1.08	0.32		
4-NITROANILINE	U	0.22	ug/L	1.08	0.22		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		92.1	% recovery	1	1		
D8-NAPHTHALENE		90.7	% recovery	1	1		
D10-ACENAPHTHENE		95.8	% recovery	1	1		
D10-PHENANTHRENE		92.4	% recovery	1	1		
D12-CHRYSENE		102	% recovery	1	1		
D12-PERYLENE		114	% recovery	1	1		
SURROGATE							
2-FLUOROPHENOL	D	6.4	% recovery	1			
D5-PHENOL	D	15	% recovery	1			
D5-NITROBENZENE		70	% recovery	1			
2-FLUOROBIPHENYL	D	69	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	2.5	% recovery	1			
D14-P-TERPHENYL	D	23	% recovery	1			

Run ID: R181600 / Work Group No.: WG153224
 Prep Date: 02-APR-09 Analyzed 03-Apr-09 02:46

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Laboratory Services Division
PO Box 24055, MS 59, Oakland, CA 94623
Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
Locator: MISC Miscellaneous sample, see sample comments for location
ClientID: Sample Location: 1009
Lab ID: L150846-10 (P152964-10)
Sample Type: GRAB (Instantaneous Grab)
Date Collected: Mar 24 2009, 04:00pm Sample collector: SParker/Alisto
Date Received: Mar 25 2009, 02:40pm Sample receiver: DNG
Sample Comments: Adeline Maintenance Facility Groundwater Location: 1009; Groundwater Suite
B (field filtered metals) , not enough sample to fill Metals, 8260/Gasoline
sample containers analyses canceled at login.

Method Reference							Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL		RL/ML	

RL is either the client requested or regulatory mandated Reporting Limit. ML is the regulatory mandated Minimum Level

EBMUD Laboratory

Analytical Report

EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
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Phone (510)287-1432 Fax (510)465-5462

California Environmental Laboratory Accreditation Program Certificate Number 1060

Laboratory Report - L150907

LSR # - B793-9512-1 Project Title: TRENCH SPOILS PROGRAM

Report generated on: Apr 17, 2009 03:19 pm

10 - Samples received by the lab on: Mar 27 2009, 03:30 pm

0 - Lost Analyses

0 - Hold Time Exceedences

Turn-around-time met

Client PM: JOHN WALTER

Lab PM: KENNETH GERSTMAN

This is an electronic transmittal of a Laboratory Analytical Report

Samples included in this report:

Sample	Type	Collected	Site	Locator	ClientID
L150907-1	GRAB	26-Mar-2009 08:00	MISC	MISC	1909
L150907-2	GRAB	26-Mar-2009 08:30	MISC	MISC	2009
L150907-3	GRAB	26-Mar-2009 09:30	MISC	MISC	1809
L150907-4	GRAB	26-Mar-2009 10:15	MISC	MISC	2109
L150907-5	GRAB	26-Mar-2009 11:00	MISC	MISC	2209
L150907-6	GRAB	26-Mar-2009 11:15	MISC	MISC	1709
L150907-7	GRAB	26-Mar-2009 13:00	MISC	MISC	2309
L150907-8	GRAB	26-Mar-2009 15:45	MISC	MISC	2809
L150907-9	GRAB	27-Mar-2009 08:00	MISC	MISC	2609
L150907-10	GRAB	27-Mar-2009 08:30	MISC	MISC	2909

Legend to the laboratory qualifiers used in this report:

* - Duplicate value outside of control limits
D - Surrogate spike outside of control limits
E - Estimated value, concentration outside calibration range. For SIP, E=DNQ, Estimated Concentration.
N - Spike recovery outside of control limits
T - Diesel/Gasoline pattern is atypical
U - Analyte not detected
Qualifiers for subcontract work - See textvalue for description

RESULTS IN THIS REPORT ARE REPORTED IN ACCORDANCE WITH TITLE 22, SECTION 64819

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1909
 Lab ID: L150907-1 (P152962-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 08:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1909; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	5.1	mg/L	2.22	5.1	5	
OIL AND GREASE (HYDROCARBON)	U	7.1	mg/L	2.22	7.1		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 11:59							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		72.2	% recovery	1			
Run ID: R181659 / Work Group No.: WG153253							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 14:57							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE		360	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		70.8	% recovery	1			
D5-CHLOROBENZENE		74.4	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		103	% recovery	1			
D4-DICHLOROETHANE		106	% recovery	1			
D8-TOLUENE		106	% recovery	1			
4-BROMOFLUOROBENZENE		104	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 06-Apr-09 12:10							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		2.4	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE		4.5	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE		0.73	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1909
 Lab ID: L150907-1 (P152962-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 08:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1909; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	1.3	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	1.7	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	1.2	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1909
 Lab ID: L150907-1 (P152962-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 08:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1909; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE		3.4	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE		0.74	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		91.2	% recovery	1			
D5-CHLOROBENZENE		96.8	% recovery	1			
D4-1,4-DICHLOROBENZENE		99.6	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		99.8	% recovery	1			
D4-DICHLOROETHANE		107	% recovery	1			
D8-TOLUENE		103	% recovery	1			
4-BROMOFLUOROBENZENE		108	% recovery	1			
Run ID: R181633 / Work Group No.: WG153183							
Prep Date: 01-APR-09 Analyzed 06-Apr-09 12:10							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2009
 Lab ID: L150907-2 (P152962-2)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 08:30am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2009; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	6.6	mg/L	2.86	6.6	5	
OIL AND GREASE (HYDROCARBON)	U	9.1	mg/L	2.86	9.1		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 12:42							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	T	280	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		75.1	% recovery	1			
Run ID: R181659 / Work Group No.: WG153253							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 15:23							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE		760	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		71.6	% recovery	1			
D5-CHLOROBENZENE		81.2	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		105	% recovery	1			
D4-DICHLOROETHANE		103	% recovery	1			
D8-TOLUENE		107	% recovery	1			
4-BROMOFLUOROBENZENE		93.8	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 06-Apr-09 12:54							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		7.3	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE		3.9	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE		2.7	ug/L	1	0.79		
SEC-BUTYLBENZENE		1.1	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE		0.69	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2009
 Lab ID: L150907-2 (P152962-2)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 08:30am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2009; Groundwater Suite

A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE		5.7	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE		3.4	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE		2.9	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE		4.2	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2009
 Lab ID: L150907-2 (P152962-2)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 08:30am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2009; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE		5.4	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE		1.5	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE		1.4	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE		9.1	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE		2.3	ug/L	1	0.6		
M+P XYLENES		8.1	ug/L	1	1		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		92.2	% recovery	1			
D5-CHLOROBENZENE		105	% recovery	1			
D4-1,4-DICHLOROBENZENE		96.8	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		102	% recovery	1			
D4-DICHLOROETHANE		104	% recovery	1			
D8-TOLUENE		104	% recovery	1			
4-BROMOFLUOROBENZENE		97.4	% recovery	1			
Run ID: R181633 / Work Group No.: WG153183							
Prep Date: 01-APR-09 Analyzed 06-Apr-09 12:54							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1809
 Lab ID: L150907-3 (P152962-3)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 09:30am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1809; Not enough volume
 for 1664-SGT; Groundwater Suite A; 8260 and Gasoline canceled by KMG on 7-
 APR-09 as sample contained >30% soil in water and could not be run.

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	T	430	ug/L	1		20	
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1		260	
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		82.1	% recovery	1			
Run ID: R181659 / Work Group No.: WG153253							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 15:49							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2109
 Lab ID: L150907-4 (P152962-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 10:15am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2109; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	6.7	mg/L	2.9	6.7	5	
OIL AND GREASE (HYDROCARBON)	U	9.3	mg/L	2.9	9.3		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 13:24							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		73.9	% recovery	1			
Run ID: R181659 / Work Group No.: WG153253							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 16:15							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE		1,200	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		76.8	% recovery	1			
D5-CHLOROBENZENE		67.2	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		102	% recovery	1			
D4-DICHLOROETHANE		96.4	% recovery	1			
D8-TOLUENE		99.6	% recovery	1			
4-BROMOFLUOROBENZENE		109	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 06-Apr-09 13:38							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		12	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE		5.6	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2109
 Lab ID: L150907-4 (P152962-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 10:15am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2109; Groundwater Suite

A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	2.2	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	24	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	2.6	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.4	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	5.2	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	12	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2109
 Lab ID: L150907-4 (P152962-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 10:15am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2109; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE		8.2	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE		7.2	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE		19	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE		59	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE		34	ug/L	1	0.6		
M+P XYLENES		81	ug/L	1	1		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		98.8	% recovery	1			
D5-CHLOROBENZENE		87.4	% recovery	1			
D4-1,4-DICHLOROBENZENE		96.2	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		98.8	% recovery	1			
D4-DICHLOROETHANE		97.4	% recovery	1			
D8-TOLUENE		96.8	% recovery	1			
4-BROMOFLUOROBENZENE		113	% recovery	1			
Run ID: R181633 / Work Group No.: WG153183							
Prep Date: 01-APR-09 Analyzed 06-Apr-09 13:38							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2209
 Lab ID: L150907-5 (P152962-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 11:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2209; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	6.6	mg/L	2.86	6.6	5	
OIL AND GREASE (HYDROCARBON)	U	9.1	mg/L	2.86	9.1		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 13:43							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	T	98	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		80.2	% recovery	1			
Run ID: R181659 / Work Group No.: WG153253							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 16:41							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE		1,100	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		77.8	% recovery	1			
D5-CHLOROBENZENE		76.4	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		101	% recovery	1			
D4-DICHLOROETHANE		93.0	% recovery	1			
D8-TOLUENE		103	% recovery	1			
4-BROMOFLUOROBENZENE		106	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 06-Apr-09 14:22							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		12	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE		6.8	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE		3.2	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE		0.74	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2209
 Lab ID: L150907-5 (P152962-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 11:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2209; Groundwater Suite

A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	2.1	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	7.3	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	59	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	4.2	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	1.4	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2209
 Lab ID: L150907-5 (P152962-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 11:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2209; Groundwater Suite

A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE		7.8	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN		1.4	ug/L	1	0.44		
TOLUENE		0.83	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE		1.1	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES		1.3	ug/L	1	1		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		100	% recovery	1			
D5-CHLOROBENZENE		99.4	% recovery	1			
D4-1,4-DICHLOROBENZENE		99.6	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		98.2	% recovery	1			
D4-DICHLOROETHANE		93.8	% recovery	1			
D8-TOLUENE		100	% recovery	1			
4-BROMOFLUOROBENZENE		110	% recovery	1			

Run ID: R181633 / Work Group No.: WG153183
 Prep Date: 01-APR-09 Analyzed 06-Apr-09 14:22

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 1709
 Lab ID: L150907-6 (P152962-6)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 11:15am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 1709; Groundwater Suite
 A; 8260 and Gasoline canceled by KMG on 7-APR-09 as sample contained >30%
 soil in water and could not be run.

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	12	mg/L	5.26	12	5	
OIL AND GREASE (HYDROCARBON)	U	17	mg/L	5.26	17		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 14:05							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		75.9	% recovery	1			
Run ID: R181659 / Work Group No.: WG153253							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 18:24							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2309
 Lab ID: L150907-7 (P152962-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:00pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2309; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
TARGET ANALYTES							
OIL AND GREASE	U	7.2	mg/L	3.12	7.2	5	
OIL AND GREASE (HYDROCARBON)	U	10	mg/L	3.12	10		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 14:11							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
TARGET ANALYTES							
DIESEL		2,200	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)		2,200	ug/L	1	260		
INTERNAL STANDARD							
5-A-ANDROSTANE		92.5	% recovery	1			
Run ID: R181659 / Work Group No.: WG153253							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 18:50							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
TARGET ANALYTES							
GASOLINE	E	2,500	ug/L	1	57		
INTERNAL STANDARD							
FLUOROBENZENE		81.6	% recovery	1			
D5-CHLOROBENZENE		81.6	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		103	% recovery	1			
D4-DICHLOROETHANE		96.8	% recovery	1			
D8-TOLUENE		98.2	% recovery	1			
4-BROMOFLUOROBENZENE		99.6	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 06-Apr-09 15:06							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
TARGET ANALYTES							
ACETONE		7.0	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE		22	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE		5.2	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2309
 Lab ID: L150907-7 (P152962-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:00pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2309; Groundwater Suite

A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	6.5	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	21	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	13	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.5	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	1.7	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	45	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2309
 Lab ID: L150907-7 (P152962-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:00pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2309; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE		34	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE		4.0	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE		1.1	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE		2.6	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE		3.3	ug/L	1	0.6		
M+P XYLENES		6.6	ug/L	1	1		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		105	% recovery	1			
D5-CHLOROBENZENE		106	% recovery	1			
D4-1,4-DICHLOROBENZENE		97.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		99.2	% recovery	1			
D4-DICHLOROETHANE		97.8	% recovery	1			
D8-TOLUENE		95.4	% recovery	1			
4-BROMOFLUOROBENZENE		104	% recovery	1			
Run ID: R181633 / Work Group No.: WG153183							
Prep Date: 01-APR-09 Analyzed 06-Apr-09 15:06							

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2809
 Lab ID: L150907-8 (P152962-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:45pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2809; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	5.1	mg/L	2.22	5.1	5	
OIL AND GREASE (HYDROCARBON)	U	7.1	mg/L	2.22	7.1		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 14:24							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		67.4	% recovery	1			
Run ID: R181659 / Work Group No.: WG153253							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 19:16							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	T	87	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		71.8	% recovery	1			
D5-CHLOROBENZENE		72.4	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		105	% recovery	1			
D4-DICHLOROETHANE		106	% recovery	1			
D8-TOLUENE		103	% recovery	1			
4-BROMOFLUOROBENZENE		111	% recovery	1			
Run ID: R181758 / Work Group No.: WG153185							
Prep Date1: 01-APR-09 Analyzed 06-Apr-09 15:50							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE	U	2.0	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE	U	0.58	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2809
 Lab ID: L150907-8 (P152962-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:45pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2809; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U,N	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U,N	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U,N,*	0.65	ug/L	1	0.65		
ETHYL ACETATE	U,N	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	1.7	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE		1.5	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U,*	1.0	ug/L	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2809
 Lab ID: L150907-8 (P152962-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:45pm Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2809; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		92.2	% recovery	1			
D5-CHLOROBENZENE		94.0	% recovery	1			
D4-1,4-DICHLOROBENZENE		93.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		102	% recovery	1			
D4-DICHLOROETHANE		107	% recovery	1			
D8-TOLUENE		100	% recovery	1			
4-BROMOFLUOROBENZENE		115	% recovery	1			
Run ID: R181633 / Work Group No.: WG153183							
Prep Date: 01-APR-09 Analyzed 06-Apr-09 15:50							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2609
 Lab ID: L150907-9 (P152962-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 08:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2609; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	5.8	mg/L	2.5	5.8	5	
OIL AND GREASE (HYDROCARBON)	U	8.0	mg/L	2.5	8		
Run ID: R181761 / Work Group No.: WG153408							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 14:55							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	U	20	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		67.8	% recovery	1			
Run ID: R181659 / Work Group No.: WG153253							
Prep Date1: 01-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 19:42							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	U	57	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		65.2	% recovery	1			
D5-CHLOROBENZENE		71.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		103	% recovery	1			
D4-DICHLOROETHANE		96.0	% recovery	1			
D8-TOLUENE		107	% recovery	1			
4-BROMOFLUOROBENZENE		105	% recovery	1			
Run ID: R182106 / Work Group No.: WG153407							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 20:18							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		15	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE		1.4	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE	U	0.79	ug/L	1	0.79		
SEC-BUTYLBENZENE	U	0.68	ug/L	1	0.68		
TERT-BUTYLBENZENE	U	0.58	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2609
 Lab ID: L150907-9 (P152962-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 08:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2609; Groundwater Suite

A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE	U	0.51	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER	U	0.66	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE	U	0.50	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER	U	1.2	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE	U	3.3	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2609
 Lab ID: L150907-9 (P152962-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 08:00am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2609; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE	U	0.63	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE	U	0.66	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE	U	0.60	ug/L	1	0.6		
M+P XYLENES	U	1.0	ug/L	1	1		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		84.0	% recovery	1			
D5-CHLOROBENZENE		92.2	% recovery	1			
D4-1,4-DICHLOROBENZENE		84.6	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		99.6	% recovery	1			
D4-DICHLOROETHANE		96.8	% recovery	1			
D8-TOLUENE		104	% recovery	1			
4-BROMOFLUOROBENZENE		109	% recovery	1			
Run ID: R181937 / Work Group No.: WG153406							
Prep Date: 09-APR-09 Analyzed 09-Apr-09 20:18							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2909
 Lab ID: L150907-10 (P152962-10)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 08:30am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: EPA 1664: SGT - HEM SGT						GroundH2O	
<i>TARGET ANALYTES</i>							
OIL AND GREASE	U	5.6	mg/L	2.44	5.6	5	
OIL AND GREASE (HYDROCARBON)	U	7.8	mg/L	2.44	7.8		
Run ID: R181938 / Work Group No.: WG153477							
Prep Date1: 13-APR-09 Analyzed 13-Apr-09 08:16							
Method: CALIFORNIA LUFT MANUAL - Diesel:L/L:GCMS						GroundH2O	
<i>TARGET ANALYTES</i>							
DIESEL	T	1,200	ug/L	1	20		
MOTOR OIL COMPOSITE (C21-C32)	U	260	ug/L	1	260		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		89.4	% recovery	1			
Run ID: R181660 / Work Group No.: WG153252							
Prep Date1: 02-APR-09 Prep Date2: 03-APR-09 Analyzed 03-Apr-09 20:08							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:PT:GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
GASOLINE	E	4,900	ug/L	1	57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		64.4	% recovery	1			
D5-CHLOROBENZENE		85.4	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		113	% recovery	1			
D4-DICHLOROETHANE	D	0.00	% recovery	1			
D8-TOLUENE		130	% recovery	1			
4-BROMOFLUOROBENZENE		108	% recovery	1			
Run ID: R182106 / Work Group No.: WG153407							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 21:02							
Method: EPA 8260B - Volatile Organics: GC/MS						GroundH2O	
<i>TARGET ANALYTES</i>							
ACETONE		32	ug/L	1	2		
ACROLEIN	U	3.9	ug/L	1	3.9		
ACRYLONITRILE	U	1.8	ug/L	1	1.8		
ALLYL CHLORIDE	U	0.87	ug/L	1	0.87		
TERT-AMYL METHYL ETHER	U	0.85	ug/L	1	0.85		
BENZENE		5.8	ug/L	1	0.58		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.91	ug/L	1	0.91		
BROMOBENZENE	U	0.59	ug/L	1	0.59		
BROMOCHLOROMETHANE	U	0.77	ug/L	1	0.77		
BROMODICHLOROMETHANE	U	0.58	ug/L	1	0.58		
BROMOFORM	U	0.64	ug/L	1	0.64		
BROMOMETHANE	U	0.61	ug/L	1	0.61		
1,3-BUTADIENE	U	0.48	ug/L	1	0.48		
TERT-BUTYL ALCOHOL	U	5.6	ug/L	1	5.6		
N-BUTYLBENZENE		19	ug/L	1	0.79		
SEC-BUTYLBENZENE		11	ug/L	1	0.68		
TERT-BUTYLBENZENE		0.82	ug/L	1	0.58		
CARBON DISULFIDE	U	0.61	ug/L	1	0.61		
CARBON TETRACHLORIDE	U	0.70	ug/L	1	0.7		
CHLOROACETONITRILE	U	1.1	ug/L	1	1.1		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2909
 Lab ID: L150907-10 (P152962-10)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 08:30am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909; Groundwater Suite

A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
CHLOROBENZENE	U	0.54	ug/L	1	0.54		
1-CHLOROBUTANE	U	0.56	ug/L	1	0.56		
CHLOROETHANE	U	0.79	ug/L	1	0.79		
2-CHLOROETHYL VINYL ETHER	U	0.48	ug/L	1	0.48		
CHLOROFORM	U	0.57	ug/L	1	0.57		
CHLOROMETHANE	U	0.82	ug/L	1	0.82		
O-CHLOROTOLUENE	U	0.69	ug/L	1	0.69		
P-CHLOROTOLUENE	U	0.81	ug/L	1	0.81		
DIBROMOCHLOROMETHANE	U	0.64	ug/L	1	0.64		
DIBROMOCHLOROPROPANE	U	1.1	ug/L	1	1.1		
DIBROMOMETHANE	U	0.58	ug/L	1	0.58		
1,2-DICHLOROBENZENE	U	0.54	ug/L	1	0.54		
1,3-DICHLOROBENZENE	U	0.44	ug/L	1	0.44		
1,4-DICHLOROBENZENE	U	0.55	ug/L	1	0.55		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.92	ug/L	1	0.92		
DICHLORODIFLUOROMETHANE	U	1.0	ug/L	1	1		
1,1-DICHLOROETHANE	U	0.61	ug/L	1	0.61		
1,2-DICHLOROETHANE	U	0.69	ug/L	1	0.69		
1,1-DICHLOROETHENE	U	0.73	ug/L	1	0.73		
CIS-1,2-DICHLOROETHENE	U	0.58	ug/L	1	0.58		
TRANS-1,2-DICHLOROETHENE	U	0.65	ug/L	1	0.65		
1,2-DICHLOROPROPANE	U	0.55	ug/L	1	0.55		
1,3-DICHLOROPROPANE	U	0.58	ug/L	1	0.58		
SEC-DICHLOROPROPANE	U	0.76	ug/L	1	0.76		
1,1-DICHLORO-2-PROPANONE	U	0.38	ug/L	1	0.38		
1,1-DICHLOROPROPENE	U	0.54	ug/L	1	0.54		
CIS-1,3-DICHLOROPROPENE	U	0.65	ug/L	1	0.65		
TRANS-1,3-DICHLOROPROPENE	U	0.68	ug/L	1	0.68		
DIISOPROPYL ETHER	U	0.65	ug/L	1	0.65		
ETHYL ACETATE	U	1.0	ug/L	1	1		
ETHYL BENZENE		2.8	ug/L	1	0.51		
ETHYL-T-BUTYL ETHER	U	0.86	ug/L	1	0.86		
ETHYLENE DIBROMIDE	U	0.61	ug/L	1	0.61		
ETHYL ETHER		1.4	ug/L	1	0.66		
ETHYLMETHACRYLATE	U	0.44	ug/L	1	0.44		
FLUOROTRICHLOROMETHANE	U	0.46	ug/L	1	0.46		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.72	ug/L	1	0.72		
HEXACHLOROBUTADIENE	U	0.84	ug/L	1	0.84		
HEXACHLOROETHANE	U	0.82	ug/L	1	0.82		
2-HEXANONE	U	0.10	ug/L	1	0.1		
IODOMETHANE	U	0.71	ug/L	1	0.71		
ISOPROPYLBENZENE		43	ug/L	1	0.5		
P-ISOPROPYLTOLUENE	U	0.65	ug/L	1	0.65		
METHYLACRYLATE	U	0.70	ug/L	1	0.7		
METHYLACRYLONITRILE	U	0.88	ug/L	1	0.88		
METHYL-T-BUTYL ETHER		1.5	ug/L	1	1.2		
METHYLENE CHLORIDE	U	0.70	ug/L	1	0.7		
2-BUTANONE		22	ug/L	1	1.7		
4-METHYL-2-PENTANONE	U	0.61	ug/L	1	0.61		
METHYLMETHACRYLATE	U	0.47	ug/L	1	0.47		
NAPHTHALENE	U	0.79	ug/L	1	0.79		
NITROBENZENE	U	1.5	ug/L	1	1.5		
2-NITROPROPANE	U	1.0	ug/L	1	1		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: 2909
 Lab ID: L150907-10 (P152962-10)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 08:30am Sample collector: S Parker
 Date Received: Mar 27 2009, 03:30pm Sample receiver: JKIEU
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909; Groundwater Suite
 A

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
PENTACHLOROETHANE	U	1.5	ug/L	1	1.5		
N-PROPYLBENZENE		60	ug/L	1	0.63		
STYRENE	U	0.62	ug/L	1	0.62		
1,1,1,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
1,1,2,2-TETRACHLOROETHANE	U	0.71	ug/L	1	0.71		
TETRACHLOROETHENE	U	1.2	ug/L	1	1.2		
TETRAHYDROFURAN	U	0.44	ug/L	1	0.44		
TOLUENE		4.3	ug/L	1	0.66		
1,2,3-TRICHLOROBENZENE	U	0.82	ug/L	1	0.82		
1,2,4-TRICHLOROBENZENE	U	0.63	ug/L	1	0.63		
1,1,1-TRICHLOROETHANE	U	0.68	ug/L	1	0.68		
1,1,2-TRICHLOROETHANE	U	0.64	ug/L	1	0.64		
TRICHLOROETHENE	U	0.61	ug/L	1	0.61		
1,2,3-TRICHLOROPROPANE	U	0.73	ug/L	1	0.73		
1,3,5-TRIMETHYLBENZENE	U	0.69	ug/L	1	0.69		
1,2,4-TRIMETHYLBENZENE	U	0.81	ug/L	1	0.81		
VINYL ACETATE	U	0.20	ug/L	1	0.2		
VINYL CHLORIDE	U	1.1	ug/L	1	1.1		
O-XYLENE		4.7	ug/L	1	0.6		
M+P XYLENES		7.2	ug/L	1	1		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		81.0	% recovery	1			
D5-CHLOROBENZENE		111	% recovery	1			
D4-1,4-DICHLOROBENZENE		100	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		111	% recovery	1			
D4-DICHLOROETHANE	D	259	% recovery	1			
D8-TOLUENE		128	% recovery	1			
4-BROMOFLUOROBENZENE		110	% recovery	1			
Run ID: R181937 / Work Group No.: WG153406							
Prep Date: 09-APR-09 Analyzed 09-Apr-09 21:02							

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EBMUD Laboratory

Analytical Report

EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
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Phone (510)287-1432 Fax (510)465-5462

California Environmental Laboratory Accreditation Program Certificate Number 1060

Laboratory Report - L150951

LSR # - B793-9512-1 Project Title: TRENCH SPOILS PROGRAM

Report generated on: Apr 29, 2009 09:32 am

24 - Samples received by the lab on: Apr 01 2009, 07:52 am

0 - Lost Analyses

0 - Hold Time Exceedences

Turn-around-time not met

Client PM: JOHN WALTER

Lab PM: KENNETH GERSTMAN

This is an electronic transmittal of a Laboratory Analytical Report

Samples included in this report:

Sample	Type	Collected	Site	Locator	ClientID
L150951-1	GRAB	26-Mar-2009 09:00	MISC	MISC	Sample Location: 2509-8
L150951-2	GRAB	26-Mar-2009 10:00	MISC	MISC	Sample Location: 2609-8
L150951-3	GRAB	26-Mar-2009 13:00	MISC	MISC	Sample Location: 2909-7
L150951-4	GRAB	26-Mar-2009 14:00	MISC	MISC	Sample Location: 3009-7
L150951-5	GRAB	26-Mar-2009 15:00	MISC	MISC	Sample Location: 3109-8
L150951-6	GRAB	26-Mar-2009 13:15	MISC	MISC	Sample Location: 2909-10
L150951-7	GRAB	26-Mar-2009 14:15	MISC	MISC	Sample Location: 3009-10
L150951-8	GRAB	26-Mar-2009 15:15	MISC	MISC	Sample Location: 3109-12
L150951-9	GRAB	27-Mar-2009 09:00	MISC	MISC	Sample Location: 3209-8
L150951-10	GRAB	27-Mar-2009 10:00	MISC	MISC	Sample Location: 3309-8
L150951-11	GRAB	27-Mar-2009 11:00	MISC	MISC	Sample Location: 3409-8
L150951-12	GRAB	27-Mar-2009 11:30	MISC	MISC	Sample Location: 3509-8
L150951-13	GRAB	27-Mar-2009 12:30	MISC	MISC	Sample Location: 3609-8
L150951-14	GRAB	27-Mar-2009 13:00	MISC	MISC	Sample Location: 3709-8
L150951-15	GRAB	27-Mar-2009 13:30	MISC	MISC	Sample Location: 3809-8
L150951-16	GRAB	27-Mar-2009 09:00	MISC	MISC	Sample Location: 0609-8
L150951-17	GRAB	24-Mar-2009 10:15	MISC	MISC	Sample Location: 0709-8
L150951-18	GRAB	24-Mar-2009 11:30	MISC	MISC	Sample Location: 0809-16
L150951-19	GRAB	24-Mar-2009 12:30	MISC	MISC	Sample Location: 0909-16
L150951-20	GRAB	24-Mar-2009 09:15	MISC	MISC	Sample Location: 0609-20
L150951-21	GRAB	24-Mar-2009 10:30	MISC	MISC	Sample Location: 0709-16
L150951-22	GRAB	27-Mar-2009 10:50	MISC	MISC	Sample Location: 3409-5
L150951-23	GRAB	27-Mar-2009 11:20	MISC	MISC	Sample Location: 3509-5
L150951-24	GRAB	27-Mar-2009 13:20	MISC	MISC	Sample Location: 3809-5

Legend to the laboratory qualifiers used in this report:

* - Duplicate value outside of control limits

D - Surrogate spike outside of control limits

E - Estimated value, concentration outside calibration range. For SIP, E=DNQ, Estimated Concentration.

RESULTS IN THIS REPORT ARE REPORTED IN ACCORDANCE WITH TITLE 22, SECTION 64819

EBMUD Laboratory

Analytical Report

EAST BAY MUNICIPAL UTILITY DISTRICT
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California Environmental Laboratory Accreditation Program Certificate Number 1060

N - Spike recovery outside of control limits

T - Diesel/Gasoline pattern is atypical

U - Analyte not detected

Qualifiers for subcontract work - See textvalue for description

RESULTS IN THIS REPORT ARE REPORTED IN ACCORDANCE WITH TITLE 22, SECTION 64819

EAST BAY MUNICIPAL UTILITY DISTRICT
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2509-8
 Lab ID: L150951-1 (P152966-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2509-8 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL		27	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)		270	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		77.2	% recovery	1			
Run ID: R181866 / Work Group No.: WG153430							
Prep Date1: 02-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 23:48							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	5.7	mg/kg	10	5.7		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		103	% recovery	10			
D5-CHLOROBENZENE		89.2	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		111	% recovery	10			
D4-DICHLOROETHANE		108	% recovery	10			
D8-TOLUENE		96.0	% recovery	10			
4-BROMOFLUOROBENZENE		89.2	% recovery	10			
Run ID: R182250 / Work Group No.: WG153403							
Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 17:13							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE	U,N	0.75	mg/kg	10	0.75		
ACROLEIN	U	0.68	mg/kg	10	0.68		
ACRYLONITRILE	U	0.50	mg/kg	10	0.5		
ALLYL CHLORIDE	U	0.40	mg/kg	10	0.4		
TERT-AMYL METHYL ETHER	U	0.22	mg/kg	10	0.22		
BENZENE	U	0.23	mg/kg	10	0.23		
BIS(2-CHLOROISOPROPYL)ETHER	U,N	0.22	mg/kg	10	0.22		
BROMOBENZENE	U	0.15	mg/kg	10	0.15		
BROMOCHLOROMETHANE	U	0.30	mg/kg	10	0.3		
BROMODICHLOROMETHANE	U	0.21	mg/kg	10	0.21		
BROMOFORM	U	0.20	mg/kg	10	0.2		
BROMOMETHANE	U,N	1.2	mg/kg	10	1.2		
1,3-BUTADIENE	U,N	0.62	mg/kg	10	0.62		
TERT-BUTYL ALCOHOL	U	5.1	mg/kg	10	5.1		
N-BUTYLBENZENE	U	0.19	mg/kg	10	0.19		
SEC-BUTYLBENZENE	U	0.17	mg/kg	10	0.17		
TERT-BUTYLBENZENE	U	0.16	mg/kg	10	0.16		
CARBON DISULFIDE	U,N	0.32	mg/kg	10	0.32		
CARBON TETRACHLORIDE	U,N	0.25	mg/kg	10	0.25		
CHLOROACETONITRILE	U,N	0.29	mg/kg	10	0.29		
CHLOROBENZENE	U	0.22	mg/kg	10	0.22		
1-CHLOROBUTANE	U,N	0.25	mg/kg	10	0.25		
CHLOROETHANE	U,N	0.48	mg/kg	10	0.48		
2-CHLOROETHYLVINYL ETHER	U,N	0.58	mg/kg	10	0.58		
CHLOROFORM	U	0.24	mg/kg	10	0.24		
CHLOROMETHANE	U,N	0.53	mg/kg	10	0.53		
O-CHLOROTOLUENE	U	0.23	mg/kg	10	0.23		
P-CHLOROTOLUENE	U	0.18	mg/kg	10	0.18		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2509-8
 Lab ID: L150951-1 (P152966-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2509-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.43	mg/kg	10	0.43		
DIBROMOCHLOROPROPANE	U	0.32	mg/kg	10	0.32		
DIBROMOMETHANE	U	0.24	mg/kg	10	0.24		
1,2-DICHLOROBENZENE	U	0.19	mg/kg	10	0.19		
1,3-DICHLOROBENZENE	U	0.26	mg/kg	10	0.26		
1,4-DICHLOROBENZENE	U	0.28	mg/kg	10	0.28		
TRANS-1,4-DICHLORO-2-BUTENE	U,N	0.26	mg/kg	10	0.26		
DICHLORODIFLUOROMETHANE	U,N	0.35	mg/kg	10	0.35		
1,1-DICHLOROETHANE	U	0.33	mg/kg	10	0.33		
1,2-DICHLOROETHANE	U	0.25	mg/kg	10	0.25		
1,1-DICHLOROETHENE	U	0.32	mg/kg	10	0.32		
CIS-1,2-DICHLOROETHENE	U	0.28	mg/kg	10	0.28		
TRANS-1,2-DICHLOROETHENE	U	0.25	mg/kg	10	0.25		
1,2-DICHLOROPROPANE	U	0.32	mg/kg	10	0.32		
1,3-DICHLOROPROPANE	U,N	0.22	mg/kg	10	0.22		
SEC-DICHLOROPROPANE	U	0.39	mg/kg	10	0.39		
1,1-DICHLORO-2-PROPANONE	U,N	0.36	mg/kg	10	0.36		
1,1-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
CIS-1,3-DICHLOROPROPENE	U	0.29	mg/kg	10	0.29		
TRANS-1,3-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
DIISOPROPYL ETHER	U	0.42	mg/kg	10	0.42		
ETHYL ACETATE	U,N	0.38	mg/kg	10	0.38		
ETHYL BENZENE	U	0.27	mg/kg	10	0.27		
ETHYL-T-BUTYL ETHER	U	0.28	mg/kg	10	0.28		
ETHYLENE DIBROMIDE	U	0.24	mg/kg	10	0.24		
ETHYL ETHER	U	0.50	mg/kg	10	0.5		
ETHYLMETHACRYLATE	U,N	0.26	mg/kg	10	0.26		
FLUOROTRICHLOROMETHANE	U,N	0.41	mg/kg	10	0.41		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.39	mg/kg	10	0.39		
HEXACHLOROBUTADIENE	U	0.34	mg/kg	10	0.34		
HEXACHLOROETHANE	U,N	0.20	mg/kg	10	0.2		
2-HEXANONE	U,N	0.39	mg/kg	10	0.39		
IODOMETHANE	U,N	0.93	mg/kg	10	0.93		
ISOPROPYLBENZENE	U	0.22	mg/kg	10	0.22		
P-ISOPROPYLTOLUENE	U	0.26	mg/kg	10	0.26		
METHYLACRYLATE	U	0.22	mg/kg	10	0.22		
METHYLACRYLONITRILE	U	0.29	mg/kg	10	0.29		
METHYL-T-BUTYL ETHER	U,N	0.50	mg/kg	10	0.5		
2-BUTANONE	U	0.64	mg/kg	10	0.64		
METHYLENE CHLORIDE	N	1.2	mg/kg	10	0.36		
4-METHYL-2-PENTANONE	U,N	0.17	mg/kg	10	0.17		
METHYLMETHACRYLATE	U,N	0.20	mg/kg	10	0.2		
NAPHTHALENE	U,N	0.52	mg/kg	10	0.52		
NITROBENZENE	U,N	0.61	mg/kg	10	0.61		
2-NITROPROPANE	U	0.43	mg/kg	10	0.43		
PENTACHLOROETHANE	U,N	1.5	mg/kg	10	1.5		
N-PROPYLBENZENE	U	0.18	mg/kg	10	0.18		
STYRENE	U	0.33	mg/kg	10	0.33		
1,1,1,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
1,1,2,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
TETRACHLOROETHENE	U,N	0.33	mg/kg	10	0.33		
TETRAHYDROFURAN	U	0.46	mg/kg	10	0.46		
TOLUENE	U	0.20	mg/kg	10	0.2		
1,2,3-TRICHLOROBENZENE	U	0.45	mg/kg	10	0.45		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2509-8
 Lab ID: L150951-1 (P152966-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2509-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.39	mg/kg	10	0.39		
1,1,1-TRICHLOROETHANE	U	0.26	mg/kg	10	0.26		
1,1,2-TRICHLOROETHANE	U	0.24	mg/kg	10	0.24		
TRICHLOROETHENE	U	0.27	mg/kg	10	0.27		
1,2,3-TRICHLOROPROPANE	U	0.31	mg/kg	10	0.31		
1,2,4-TRIMETHYLBENZENE	U	0.17	mg/kg	10	0.17		
1,3,5-TRIMETHYLBENZENE	U	0.19	mg/kg	10	0.19		
VINYL ACETATE	U,N	0.53	mg/kg	10	0.53		
VINYL CHLORIDE	U,N	0.37	mg/kg	10	0.37		
O-XYLENE	U	0.23	mg/kg	10	0.23		
M+P XYLENES	U	0.29	mg/kg	10	0.29		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		81.8	% recovery	10			
D5-CHLOROBENZENE		70.4	% recovery	10			
D4-1,4-DICHLOROBENZENE	N	23.0	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		113	% recovery	10			
D4-DICHLOROETHANE		109	% recovery	10			
D8-TOLUENE		95.4	% recovery	10			
4-BROMOFLUOROBENZENE		84.8	% recovery	10			

Run ID: R182259 / Work Group No.: WG153402

Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 17:13

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
<i>TARGET ANALYTES</i>						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBENZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE		0.16	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE		0.12	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE		0.16	mg/kg	1	0.042	
BENZO(GHI)PERYLENE		0.14	mg/kg	1	0.12	
BENZO(A)PYRENE		0.17	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE		0.085	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE		0.26	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2509-8
 Lab ID: L150951-1 (P152966-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2509-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE		0.32	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE		0.098	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE		0.035	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE		0.22	mg/kg	1	0.062		
PHENOL		0.38	mg/kg	1	0.045		
PYRENE		0.41	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		106	% recovery	1	1		
D8-NAPHTHALENE		102	% recovery	1	1		
D10-ACENAPHTHENE		103	% recovery	1	1		
D10-PHENANTHRENE		104	% recovery	1	1		
D12-CHRYSENE		104	% recovery	1	1		
D12-PERYLENE		117	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL		59	% recovery	1			
D5-PHENOL	D	54	% recovery	1			
D5-NITROBENZENE	D	56	% recovery	1			
2-FLUOROBIPHENYL		66	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	45	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2509-8
 Lab ID: L150951-1 (P152966-1)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2509-8 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
D14-P-TERPHENYL		88	% recovery	1			

Run ID: R182343 / Work Group No.: WG153513
 Prep Date1: 07-APR-09 Prep Date2: 13-APR-09 Analyzed 13-Apr-09 21:48

Method: EPA 6010B - ICP Metals	Matrix
	Soil

TARGET ANALYTES							
ARSENIC		4.45	mg/kg	.0963		0.963	
BARIUM		132	mg/kg	.0963		0.193	
BERYLLIUM		0.363	mg/kg	.0963		0.0482	
CADMIUM		0.243	mg/kg	.0963		0.0867	
COBALT		8.33	mg/kg	.0963		0.106	
CHROMIUM		40.8	mg/kg	.0963		0.193	
COPPER		26.1	mg/kg	.0963		0.385	
MOLYBDENUM	U	0.193	mg/kg	.0963		0.193	
NICKEL		32.9	mg/kg	.0963		0.289	
LEAD		88.9	mg/kg	.0963		0.674	
ANTIMONY	U	0.963	mg/kg	.0963		0.963	
SELENIUM	U	1.25	mg/kg	.0963		1.25	
THALLIUM	U	1.06	mg/kg	.0963		1.06	
VANADIUM		35.5	mg/kg	.0963		0.771	
ZINC		84.2	mg/kg	.0963		0.385	

Run ID: R181686 / Work Group No.: WG153386
 Prep Date1: 09-APR-09 Analyzed 09-Apr-09 11:53

Method: EPA 7471 - Mercury: Cold Vapor	Matrix
	Soil

TARGET ANALYTES							
MERCURY		0.20	mg/kg	1		0.02	

Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace	Matrix
	Soil

TARGET ANALYTES							
SILVER		0.086	mg/kg	1		0.01	

Run ID: R181690 / Work Group No.: WG153376
 Prep Date1: 08-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 08:00

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2609-8
 Lab ID: L150951-2 (P152966-2)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 10:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2609-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	T	34	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		68.5	% recovery	1			
Run ID: R181866 / Work Group No.: WG153430							
Prep Date1: 02-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 00:14							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	5.7	mg/kg	10	5.7		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		100	% recovery	10			
D5-CHLOROBENZENE		89.0	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		111	% recovery	10			
D4-DICHLOROETHANE		110	% recovery	10			
D8-TOLUENE		98.8	% recovery	10			
4-BROMOFLUOROBENZENE		83.0	% recovery	10			
Run ID: R182250 / Work Group No.: WG153403							
Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 17:53							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE	U	0.75	mg/kg	10	0.75		
ACROLEIN	U	0.68	mg/kg	10	0.68		
ACRYLONITRILE	U	0.50	mg/kg	10	0.5		
ALLYL CHLORIDE	U	0.40	mg/kg	10	0.4		
TERT-AMYL METHYL ETHER	U	0.22	mg/kg	10	0.22		
BENZENE	U	0.23	mg/kg	10	0.23		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.22	mg/kg	10	0.22		
BROMOBENZENE	U	0.15	mg/kg	10	0.15		
BROMOCHLOROMETHANE	U	0.30	mg/kg	10	0.3		
BROMODICHLOROMETHANE	U	0.21	mg/kg	10	0.21		
BROMOFORM	U	0.20	mg/kg	10	0.2		
BROMOMETHANE	U	1.2	mg/kg	10	1.2		
1,3-BUTADIENE	U	0.62	mg/kg	10	0.62		
TERT-BUTYL ALCOHOL	U	5.1	mg/kg	10	5.1		
N-BUTYLBENZENE	U	0.19	mg/kg	10	0.19		
SEC-BUTYLBENZENE	U	0.17	mg/kg	10	0.17		
TERT-BUTYLBENZENE	U	0.16	mg/kg	10	0.16		
CARBON DISULFIDE	U	0.32	mg/kg	10	0.32		
CARBON TETRACHLORIDE	U	0.25	mg/kg	10	0.25		
CHLOROACETONITRILE	U	0.29	mg/kg	10	0.29		
CHLOROBENZENE	U	0.22	mg/kg	10	0.22		
1-CHLOROBUTANE	U	0.25	mg/kg	10	0.25		
CHLOROETHANE	U	0.48	mg/kg	10	0.48		
2-CHLOROETHYLVINYL ETHER	U	0.58	mg/kg	10	0.58		
CHLOROFORM	U	0.24	mg/kg	10	0.24		
CHLOROMETHANE	U	0.53	mg/kg	10	0.53		
O-CHLOROTOLUENE	U	0.23	mg/kg	10	0.23		
P-CHLOROTOLUENE	U	0.18	mg/kg	10	0.18		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2609-8
 Lab ID: L150951-2 (P152966-2)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 10:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2609-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.43	mg/kg	10	0.43		
DIBROMOCHLOROPROPANE	U	0.32	mg/kg	10	0.32		
DIBROMOMETHANE	U	0.24	mg/kg	10	0.24		
1,2-DICHLOROBENZENE	U	0.19	mg/kg	10	0.19		
1,3-DICHLOROBENZENE	U	0.26	mg/kg	10	0.26		
1,4-DICHLOROBENZENE	U	0.28	mg/kg	10	0.28		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.26	mg/kg	10	0.26		
DICHLORODIFLUOROMETHANE	U	0.35	mg/kg	10	0.35		
1,1-DICHLOROETHANE	U	0.33	mg/kg	10	0.33		
1,2-DICHLOROETHANE	U	0.25	mg/kg	10	0.25		
1,1-DICHLOROETHENE	U	0.32	mg/kg	10	0.32		
CIS-1,2-DICHLOROETHENE	U	0.28	mg/kg	10	0.28		
TRANS-1,2-DICHLOROETHENE	U	0.25	mg/kg	10	0.25		
1,2-DICHLOROPROPANE	U	0.32	mg/kg	10	0.32		
1,3-DICHLOROPROPANE	U	0.22	mg/kg	10	0.22		
SEC-DICHLOROPROPANE	U	0.39	mg/kg	10	0.39		
1,1-DICHLORO-2-PROPANONE	U	0.36	mg/kg	10	0.36		
1,1-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
CIS-1,3-DICHLOROPROPENE	U	0.29	mg/kg	10	0.29		
TRANS-1,3-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
DIISOPROPYL ETHER	U	0.42	mg/kg	10	0.42		
ETHYL ACETATE	U	0.38	mg/kg	10	0.38		
ETHYL BENZENE	U	0.27	mg/kg	10	0.27		
ETHYL-T-BUTYL ETHER	U	0.28	mg/kg	10	0.28		
ETHYLENE DIBROMIDE	U	0.24	mg/kg	10	0.24		
ETHYL ETHER	U	0.50	mg/kg	10	0.5		
ETHYLMETHACRYLATE	U	0.26	mg/kg	10	0.26		
FLUOROTRICHLOROMETHANE	U	0.41	mg/kg	10	0.41		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.39	mg/kg	10	0.39		
HEXACHLOROBUTADIENE	U	0.34	mg/kg	10	0.34		
HEXACHLOROETHANE	U	0.20	mg/kg	10	0.2		
2-HEXANONE	U	0.39	mg/kg	10	0.39		
IODOMETHANE	U	0.93	mg/kg	10	0.93		
ISOPROPYLBENZENE	U	0.22	mg/kg	10	0.22		
P-ISOPROPYLTOLUENE	U	0.26	mg/kg	10	0.26		
METHYLACRYLATE	U	0.22	mg/kg	10	0.22		
METHYLACRYLONITRILE	U	0.29	mg/kg	10	0.29		
METHYL-T-BUTYL ETHER	U	0.50	mg/kg	10	0.5		
2-BUTANONE	U	0.64	mg/kg	10	0.64		
METHYLENE CHLORIDE		1.8	mg/kg	10	0.36		
4-METHYL-2-PENTANONE	U	0.17	mg/kg	10	0.17		
METHYLMETHACRYLATE	U	0.20	mg/kg	10	0.2		
NAPHTHALENE	U	0.52	mg/kg	10	0.52		
NITROBENZENE	U	0.61	mg/kg	10	0.61		
2-NITROPROPANE	U	0.43	mg/kg	10	0.43		
PENTACHLOROETHANE	U	1.5	mg/kg	10	1.5		
N-PROPYLBENZENE	U	0.18	mg/kg	10	0.18		
STYRENE	U	0.33	mg/kg	10	0.33		
1,1,1,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
1,1,2,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
TETRACHLOROETHENE	U	0.33	mg/kg	10	0.33		
TETRAHYDROFURAN	U	0.46	mg/kg	10	0.46		
TOLUENE	U	0.20	mg/kg	10	0.2		
1,2,3-TRICHLOROBENZENE	U	0.45	mg/kg	10	0.45		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2609-8
 Lab ID: L150951-2 (P152966-2)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 10:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2609-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.39	mg/kg	10	0.39		
1,1,1-TRICHLOROETHANE	U	0.26	mg/kg	10	0.26		
1,1,2-TRICHLOROETHANE	U	0.24	mg/kg	10	0.24		
TRICHLOROETHENE	U	0.27	mg/kg	10	0.27		
1,2,3-TRICHLOROPROPANE	U	0.31	mg/kg	10	0.31		
1,2,4-TRIMETHYLBENZENE	U	0.17	mg/kg	10	0.17		
1,3,5-TRIMETHYLBENZENE	U	0.19	mg/kg	10	0.19		
VINYL ACETATE	U	0.53	mg/kg	10	0.53		
VINYL CHLORIDE	U	0.37	mg/kg	10	0.37		
O-XYLENE	U	0.23	mg/kg	10	0.23		
M+P XYLENES	U	0.29	mg/kg	10	0.29		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		79.8	% recovery	10			
D5-CHLOROBENZENE		70.2	% recovery	10			
D4-1,4-DICHLOROBENZENE	N	11.0	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		114	% recovery	10			
D4-DICHLOROETHANE		112	% recovery	10			
D8-TOLUENE		99.4	% recovery	10			
4-BROMOFLUOROBENZENE		79.2	% recovery	10			

Run ID: R182259 / Work Group No.: WG153402

Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 17:53

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
<i>TARGET ANALYTES</i>						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBEZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

RL is either the client requested or regulatory mandated Reporting Limit. ML is the regulatory mandated Minimum Level

EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2609-8
 Lab ID: L150951-2 (P152966-2)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 10:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2609-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.36	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		110	% recovery	1	1		
D8-NAPHTHALENE		106	% recovery	1	1		
D10-ACENAPHTHENE		109	% recovery	1	1		
D10-PHENANTHRENE		107	% recovery	1	1		
D12-CHRYSENE		106	% recovery	1	1		
D12-PERYLENE		118	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL		58	% recovery	1			
D5-PHENOL	D	53	% recovery	1			
D5-NITROBENZENE	D	54	% recovery	1			
2-FLUOROBIPHENYL		62	% recovery	1			
2,4,6-TRIBROMOPHENOL		69	% recovery	1			

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2609-8
 Lab ID: L150951-2 (P152966-2)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 10:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2609-8 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		90	% recovery	1		RL/ML	

Run ID: R182343 / Work Group No.: WG153513
 Prep Date1: 07-APR-09 Prep Date2: 13-APR-09 Analyzed 13-Apr-09 22:31

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC		2.32	mg/kg	.0929	0.929		
BARIUM		83.5	mg/kg	.0929	0.186		
BERYLLIUM		0.301	mg/kg	.0929	0.0465		
CADMIUM		0.112	mg/kg	.0929	0.0836		
COBALT		4.78	mg/kg	.0929	0.102		
CHROMIUM		44.1	mg/kg	.0929	0.186		
COPPER		12.1	mg/kg	.0929	0.372		
MOLYBDENUM		2.67	mg/kg	.0929	0.186		
NICKEL		29.5	mg/kg	.0929	0.279		
LEAD		7.62	mg/kg	.0929	0.651		
ANTIMONY	U	0.929	mg/kg	.0929	0.929		
SELENIUM	U	1.21	mg/kg	.0929	1.21		
THALLIUM	U	1.02	mg/kg	.0929	1.02		
VANADIUM		38.1	mg/kg	.0929	0.743		
ZINC		32.8	mg/kg	.0929	0.372		

Run ID: R181686 / Work Group No.: WG153386
 Prep Date1: 09-APR-09 Analyzed 09-Apr-09 11:56

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.037	mg/kg	1	0.02		
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.040	mg/kg	1	0.01		
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Run ID: R181690 / Work Group No.: WG153376
 Prep Date1: 08-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 08:00

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2909-7
 Lab ID: L150951-3 (P152966-3)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909-7 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	T	140	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	T	76	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		70.4	% recovery	1			
Run ID: R181866 / Work Group No.: WG153430							
Prep Date1: 02-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 00:40							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	E	600	mg/kg	10	5.7		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		105	% recovery	10			
D5-CHLOROBENZENE		92.2	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		101	% recovery	10			
D4-DICHLOROETHANE		114	% recovery	10			
D8-TOLUENE		96.8	% recovery	10			
4-BROMOFLUOROBENZENE		120	% recovery	10			
Run ID: R182250 / Work Group No.: WG153403							
Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 18:33							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE	U	0.75	mg/kg	10	0.75		
ACROLEIN	U	0.68	mg/kg	10	0.68		
ACRYLONITRILE	U	0.50	mg/kg	10	0.5		
ALLYL CHLORIDE	U	0.40	mg/kg	10	0.4		
TERT-AMYL METHYL ETHER	U	0.22	mg/kg	10	0.22		
BENZENE	U	0.23	mg/kg	10	0.23		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.22	mg/kg	10	0.22		
BROMOBENZENE	U	0.15	mg/kg	10	0.15		
BROMOCHLOROMETHANE	U	0.30	mg/kg	10	0.3		
BROMODICHLOROMETHANE	U	0.21	mg/kg	10	0.21		
BROMOFORM	U	0.20	mg/kg	10	0.2		
BROMOMETHANE	U	1.2	mg/kg	10	1.2		
1,3-BUTADIENE	U	0.62	mg/kg	10	0.62		
TERT-BUTYL ALCOHOL	U	5.1	mg/kg	10	5.1		
N-BUTYLBENZENE	U	0.19	mg/kg	10	0.19		
SEC-BUTYLBENZENE	U	0.17	mg/kg	10	0.17		
TERT-BUTYLBENZENE	U	0.16	mg/kg	10	0.16		
CARBON DISULFIDE	U	0.32	mg/kg	10	0.32		
CARBON TETRACHLORIDE	U	0.25	mg/kg	10	0.25		
CHLOROACETONITRILE	U	0.29	mg/kg	10	0.29		
CHLOROBENZENE	U	0.22	mg/kg	10	0.22		
1-CHLOROBUTANE	U	0.25	mg/kg	10	0.25		
CHLOROETHANE	U	0.48	mg/kg	10	0.48		
2-CHLOROETHYLVINYL ETHER	U	0.58	mg/kg	10	0.58		
CHLOROFORM	U	0.24	mg/kg	10	0.24		
CHLOROMETHANE	U	0.53	mg/kg	10	0.53		
O-CHLOROTOLUENE	U	0.23	mg/kg	10	0.23		
P-CHLOROTOLUENE	U	0.18	mg/kg	10	0.18		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2909-7
 Lab ID: L150951-3 (P152966-3)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909-7 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.43	mg/kg	10	0.43		
DIBROMOCHLOROPROPANE	U	0.32	mg/kg	10	0.32		
DIBROMOMETHANE	U	0.24	mg/kg	10	0.24		
1,2-DICHLOROBENZENE	U	0.19	mg/kg	10	0.19		
1,3-DICHLOROBENZENE	U	0.26	mg/kg	10	0.26		
1,4-DICHLOROBENZENE	U	0.28	mg/kg	10	0.28		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.26	mg/kg	10	0.26		
DICHLORODIFLUOROMETHANE	U	0.35	mg/kg	10	0.35		
1,1-DICHLOROETHANE	U	0.33	mg/kg	10	0.33		
1,2-DICHLOROETHANE	U	0.25	mg/kg	10	0.25		
1,1-DICHLOROETHENE	U	0.32	mg/kg	10	0.32		
CIS-1,2-DICHLOROETHENE	U	0.28	mg/kg	10	0.28		
TRANS-1,2-DICHLOROETHENE	U	0.25	mg/kg	10	0.25		
1,2-DICHLOROPROPANE	U	0.32	mg/kg	10	0.32		
1,3-DICHLOROPROPANE	U	0.22	mg/kg	10	0.22		
SEC-DICHLOROPROPANE	U	0.39	mg/kg	10	0.39		
1,1-DICHLORO-2-PROPANONE	U	0.36	mg/kg	10	0.36		
1,1-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
CIS-1,3-DICHLOROPROPENE	U	0.29	mg/kg	10	0.29		
TRANS-1,3-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
DIISOPROPYL ETHER	U	0.42	mg/kg	10	0.42		
ETHYL ACETATE	U	0.38	mg/kg	10	0.38		
ETHYL BENZENE	U	0.27	mg/kg	10	0.27		
ETHYL-T-BUTYL ETHER	U	0.28	mg/kg	10	0.28		
ETHYLENE DIBROMIDE	U	0.24	mg/kg	10	0.24		
ETHYL ETHER	U	0.50	mg/kg	10	0.5		
ETHYLMETHACRYLATE	U	0.26	mg/kg	10	0.26		
FLUOROTRICHLOROMETHANE	U	0.41	mg/kg	10	0.41		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.39	mg/kg	10	0.39		
HEXACHLOROBUTADIENE	U	0.34	mg/kg	10	0.34		
HEXACHLOROETHANE	U	0.20	mg/kg	10	0.2		
2-HEXANONE	U	0.39	mg/kg	10	0.39		
IODOMETHANE	U	0.93	mg/kg	10	0.93		
ISOPROPYLBENZENE	U	0.42	mg/kg	10	0.22		
P-ISOPROPYLTOLUENE	U	0.26	mg/kg	10	0.26		
METHYLACRYLATE	U	0.22	mg/kg	10	0.22		
METHYLACRYLONITRILE	U	0.29	mg/kg	10	0.29		
METHYL-T-BUTYL ETHER	U	0.50	mg/kg	10	0.5		
2-BUTANONE	U	0.64	mg/kg	10	0.64		
METHYLENE CHLORIDE	U	6.9	mg/kg	10	0.36		
4-METHYL-2-PENTANONE	U	0.17	mg/kg	10	0.17		
METHYLMETHACRYLATE	U	0.20	mg/kg	10	0.2		
NAPHTHALENE	U	0.52	mg/kg	10	0.52		
NITROBENZENE	U	0.61	mg/kg	10	0.61		
2-NITROPROPANE	U	0.43	mg/kg	10	0.43		
PENTACHLOROETHANE	U	1.5	mg/kg	10	1.5		
N-PROPYLBENZENE	U	1.1	mg/kg	10	0.18		
STYRENE	U	0.33	mg/kg	10	0.33		
1,1,1,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
1,1,2,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
TETRACHLOROETHENE	U	0.33	mg/kg	10	0.33		
TETRAHYDROFURAN	U	0.46	mg/kg	10	0.46		
TOLUENE	U	0.20	mg/kg	10	0.2		
1,2,3-TRICHLOROBENZENE	U	0.45	mg/kg	10	0.45		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2909-7
 Lab ID: L150951-3 (P152966-3)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909-7 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.39	mg/kg	10	0.39		
1,1,1-TRICHLOROETHANE	U	0.26	mg/kg	10	0.26		
1,1,2-TRICHLOROETHANE	U	0.24	mg/kg	10	0.24		
TRICHLOROETHENE	U	0.27	mg/kg	10	0.27		
1,2,3-TRICHLOROPROPANE	U	0.31	mg/kg	10	0.31		
1,2,4-TRIMETHYLBENZENE	U	0.17	mg/kg	10	0.17		
1,3,5-TRIMETHYLBENZENE	U	0.19	mg/kg	10	0.19		
VINYL ACETATE	U	0.53	mg/kg	10	0.53		
VINYL CHLORIDE	U	0.37	mg/kg	10	0.37		
O-XYLENE	U	0.23	mg/kg	10	0.23		
M+P XYLENES	U	0.29	mg/kg	10	0.29		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		82.8	% recovery	10			
D5-CHLOROBENZENE		72.8	% recovery	10			
D4-1,4-DICHLOROBENZENE		68.4	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		102	% recovery	10			
D4-DICHLOROETHANE		115	% recovery	10			
D8-TOLUENE		96.4	% recovery	10			
4-BROMOFLUOROBENZENE		123	% recovery	10			

Run ID: R182259 / Work Group No.: WG153402

Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 18:33

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
<i>TARGET ANALYTES</i>						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBENZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2909-7
 Lab ID: L150951-3 (P152966-3)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909-7 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE		0.082	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE		0.083	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.22	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		105	% recovery	1	1		
D8-NAPHTHALENE		103	% recovery	1	1		
D10-ACENAPHTHENE		107	% recovery	1	1		
D10-PHENANTHRENE		108	% recovery	1	1		
D12-CHRYSENE		103	% recovery	1	1		
D12-PERYLENE		114	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL		58	% recovery	1			
D5-PHENOL	D	55	% recovery	1			
D5-NITROBENZENE	D	54	% recovery	1			
2-FLUOROBIPHENYL		68	% recovery	1			
2,4,6-TRIBROMOPHENOL		74	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2909-7
 Lab ID: L150951-3 (P152966-3)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909-7 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		93	% recovery	1		RL/ML	
Run ID: R182343 / Work Group No.: WG153513							
Prep Date1: 07-APR-09 Prep Date2: 13-APR-09 Analyzed 13-Apr-09 23:14							

Method: EPA 6010B - ICP Metals	Soil						
TARGET ANALYTES							
ARSENIC		2.83	mg/kg	.0899		0.899	
BARIUM		50.7	mg/kg	.0899		0.18	
BERYLLIUM		0.356	mg/kg	.0899		0.045	
CADMIUM		0.0890	mg/kg	.0899		0.0809	
COBALT		6.32	mg/kg	.0899		0.0989	
CHROMIUM		50.4	mg/kg	.0899		0.18	
COPPER		17.1	mg/kg	.0899		0.36	
MOLYBDENUM	U	0.180	mg/kg	.0899		0.18	
NICKEL		33.7	mg/kg	.0899		0.27	
LEAD		18.2	mg/kg	.0899		0.629	
ANTIMONY	U	0.899	mg/kg	.0899		0.899	
SELENIUM	U	1.17	mg/kg	.0899		1.17	
THALLIUM	U	0.989	mg/kg	.0899		0.989	
VANADIUM		37.7	mg/kg	.0899		0.719	
ZINC		37.6	mg/kg	.0899		0.36	
Run ID: R181686 / Work Group No.: WG153386							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 11:59							

Method: EPA 7471 - Mercury: Cold Vapor	Soil						
TARGET ANALYTES							
MERCURY		0.16	mg/kg	1		0.02	
Run ID: R181530 / Work Group No.: WG153272							
Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08							

Method: EPA 7761 - Silver: Graphite Furnace	Soil						
TARGET ANALYTES							
SILVER		0.089	mg/kg	1		0.01	
Run ID: R181690 / Work Group No.: WG153376							
Prep Date1: 08-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 08:00							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3009-7
 Lab ID: L150951-4 (P152966-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 02:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3009-7 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	

Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	T	600	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	T	230	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		92.2	% recovery	1			
Run ID: R181866 / Work Group No.: WG153430							
Prep Date1: 02-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 01:06							

Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	E	2,500	mg/kg	10	5.7		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		104	% recovery	10			
D5-CHLOROBENZENE		90.4	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		99.0	% recovery	10			
D4-DICHLOROETHANE		131	% recovery	10			
D8-TOLUENE		95.4	% recovery	10			
4-BROMOFLUOROBENZENE		351	% recovery	10			
Run ID: R182250 / Work Group No.: WG153403							
Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 19:12							

Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE	U	0.75	mg/kg	10	0.75		
ACROLEIN	U	0.68	mg/kg	10	0.68		
ACRYLONITRILE	U	0.50	mg/kg	10	0.5		
ALLYL CHLORIDE	U	0.40	mg/kg	10	0.4		
TERT-AMYL METHYL ETHER	U	0.22	mg/kg	10	0.22		
BENZENE	U	0.23	mg/kg	10	0.23		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.22	mg/kg	10	0.22		
BROMOBENZENE	U	0.15	mg/kg	10	0.15		
BROMOCHLOROMETHANE	U	0.30	mg/kg	10	0.3		
BROMODICHLOROMETHANE	U	0.21	mg/kg	10	0.21		
BROMOFORM	U	0.20	mg/kg	10	0.2		
BROMOMETHANE	U	1.2	mg/kg	10	1.2		
1,3-BUTADIENE	U	0.62	mg/kg	10	0.62		
TERT-BUTYL ALCOHOL	U	5.1	mg/kg	10	5.1		
N-BUTYLBENZENE	U	0.19	mg/kg	10	0.19		
SEC-BUTYLBENZENE	U	0.17	mg/kg	10	0.17		
TERT-BUTYLBENZENE	U	0.16	mg/kg	10	0.16		
CARBON DISULFIDE	U	0.32	mg/kg	10	0.32		
CARBON TETRACHLORIDE	U	0.25	mg/kg	10	0.25		
CHLOROACETONITRILE	U	0.29	mg/kg	10	0.29		
CHLOROBENZENE	U	0.22	mg/kg	10	0.22		
1-CHLOROBUTANE	U	0.25	mg/kg	10	0.25		
CHLOROETHANE	U	0.48	mg/kg	10	0.48		
2-CHLOROETHYL VINYL ETHER	U	0.58	mg/kg	10	0.58		
CHLOROFORM	U	0.24	mg/kg	10	0.24		
CHLOROMETHANE	U	0.53	mg/kg	10	0.53		
O-CHLOROTOLUENE	U	0.23	mg/kg	10	0.23		
P-CHLOROTOLUENE	U	0.18	mg/kg	10	0.18		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3009-7
 Lab ID: L150951-4 (P152966-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 02:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3009-7 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.43	mg/kg	10	0.43		
DIBROMOCHLOROPROPANE	U	0.32	mg/kg	10	0.32		
DIBROMOMETHANE	U	0.24	mg/kg	10	0.24		
1,2-DICHLOROBENZENE	U	0.19	mg/kg	10	0.19		
1,3-DICHLOROBENZENE	U	0.26	mg/kg	10	0.26		
1,4-DICHLOROBENZENE	U	0.28	mg/kg	10	0.28		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.26	mg/kg	10	0.26		
DICHLORODIFLUOROMETHANE	U	0.35	mg/kg	10	0.35		
1,1-DICHLOROETHANE	U	0.33	mg/kg	10	0.33		
1,2-DICHLOROETHANE	U	0.25	mg/kg	10	0.25		
1,1-DICHLOROETHENE	U	0.32	mg/kg	10	0.32		
CIS-1,2-DICHLOROETHENE	U	0.28	mg/kg	10	0.28		
TRANS-1,2-DICHLOROETHENE	U	0.25	mg/kg	10	0.25		
1,2-DICHLOROPROPANE	U	0.32	mg/kg	10	0.32		
1,3-DICHLOROPROPANE	U	0.22	mg/kg	10	0.22		
SEC-DICHLOROPROPANE	U	0.39	mg/kg	10	0.39		
1,1-DICHLORO-2-PROPANONE	U	0.36	mg/kg	10	0.36		
1,1-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
CIS-1,3-DICHLOROPROPENE	U	0.29	mg/kg	10	0.29		
TRANS-1,3-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
DIISOPROPYL ETHER	U	0.42	mg/kg	10	0.42		
ETHYL ACETATE	U	0.38	mg/kg	10	0.38		
ETHYL BENZENE	U	0.27	mg/kg	10	0.27		
ETHYL-T-BUTYL ETHER	U	0.28	mg/kg	10	0.28		
ETHYLENE DIBROMIDE	U	0.24	mg/kg	10	0.24		
ETHYL ETHER	U	0.50	mg/kg	10	0.5		
ETHYLMETHACRYLATE	U	0.26	mg/kg	10	0.26		
FLUOROTRICHLOROMETHANE	U	0.41	mg/kg	10	0.41		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.39	mg/kg	10	0.39		
HEXACHLOROBUTADIENE	U	0.34	mg/kg	10	0.34		
HEXACHLOROETHANE	U	0.20	mg/kg	10	0.2		
2-HEXANONE	U	0.39	mg/kg	10	0.39		
IODOMETHANE	U	0.93	mg/kg	10	0.93		
ISOPROPYLBENZENE		1.9	mg/kg	10	0.22		
P-ISOPROPYLTOLUENE	U	0.26	mg/kg	10	0.26		
METHYLACRYLATE	U	0.22	mg/kg	10	0.22		
METHYLACRYLONITRILE	U	0.29	mg/kg	10	0.29		
METHYL-T-BUTYL ETHER	U	0.50	mg/kg	10	0.5		
2-BUTANONE	U	0.64	mg/kg	10	0.64		
METHYLENE CHLORIDE		8.8	mg/kg	10	0.36		
4-METHYL-2-PENTANONE	U	0.17	mg/kg	10	0.17		
METHYLMETHACRYLATE	U	0.20	mg/kg	10	0.2		
NAPHTHALENE	U	0.52	mg/kg	10	0.52		
NITROBENZENE	U	0.61	mg/kg	10	0.61		
2-NITROPROPANE	U	0.43	mg/kg	10	0.43		
PENTACHLOROETHANE	U	1.5	mg/kg	10	1.5		
N-PROPYLBENZENE	U	0.18	mg/kg	10	0.18		
STYRENE	U	0.33	mg/kg	10	0.33		
1,1,1,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
1,1,2,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
TETRACHLOROETHENE	U	0.33	mg/kg	10	0.33		
TETRAHYDROFURAN	U	0.46	mg/kg	10	0.46		
TOLUENE	U	0.20	mg/kg	10	0.2		
1,2,3-TRICHLOROBENZENE	U	0.45	mg/kg	10	0.45		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3009-7
 Lab ID: L150951-4 (P152966-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 02:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3009-7 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.39	mg/kg	10	0.39		
1,1,1-TRICHLOROETHANE	U	0.26	mg/kg	10	0.26		
1,1,2-TRICHLOROETHANE	U	0.24	mg/kg	10	0.24		
TRICHLOROETHENE	U	0.27	mg/kg	10	0.27		
1,2,3-TRICHLOROPROPANE	U	0.31	mg/kg	10	0.31		
1,2,4-TRIMETHYLBENZENE	U	0.17	mg/kg	10	0.17		
1,3,5-TRIMETHYLBENZENE	U	0.19	mg/kg	10	0.19		
VINYL ACETATE	U	0.53	mg/kg	10	0.53		
VINYL CHLORIDE	U	0.37	mg/kg	10	0.37		
O-XYLENE	U	0.23	mg/kg	10	0.23		
M+P XYLENES	U	0.29	mg/kg	10	0.29		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		82.2	% recovery	10			
D5-CHLOROBENZENE		71.4	% recovery	10			
D4-1,4-DICHLOROBENZENE		74.8	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		101	% recovery	10			
D4-DICHLOROETHANE		112	% recovery	10			
D8-TOLUENE		95.0	% recovery	10			
4-BROMOFLUOROBENZENE		222	% recovery	10			

Run ID: R182259 / Work Group No.: WG153402
 Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 19:12

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
<i>TARGET ANALYTES</i>						
ACENAPHTHENE		0.057	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBEZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE		0.071	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3009-7
 Lab ID: L150951-4 (P152966-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 02:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3009-7 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE		0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE		2.2	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE		0.32	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE		0.12	mg/kg	1	0.062		
PHENOL		0.33	mg/kg	1	0.045		
PYRENE		0.19	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		98.2	% recovery	1	1		
D8-NAPHTHALENE		99.4	% recovery	1	1		
D10-ACENAPHTHENE		106	% recovery	1	1		
D10-PHENANTHRENE		109	% recovery	1	1		
D12-CHRYSENE		105	% recovery	1	1		
D12-PERYLENE		113	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL		63	% recovery	1			
D5-PHENOL	D	60	% recovery	1			
D5-NITROBENZENE	D	58	% recovery	1			
2-FLUOROBIPHENYL		72	% recovery	1			
2,4,6-TRIBROMOPHENOL		85	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3009-7
 Lab ID: L150951-4 (P152966-4)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 02:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3009-7 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		100	% recovery	1		RL/ML	

Run ID: R182343 / Work Group No.: WG153513
 Prep Date1: 07-APR-09 Prep Date2: 13-APR-09 Analyzed 13-Apr-09 23:58

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC		2.08	mg/kg	.0778	0.778		
BARIUM		52.3	mg/kg	.0778	0.156		
BERYLLIUM		0.313	mg/kg	.0778	0.0389		
CADMIUM		0.131	mg/kg	.0778	0.07		
COBALT		6.59	mg/kg	.0778	0.0855		
CHROMIUM		39.7	mg/kg	.0778	0.156		
COPPER		12.0	mg/kg	.0778	0.311		
MOLYBDENUM	U	0.156	mg/kg	.0778	0.156		
NICKEL		34.0	mg/kg	.0778	0.233		
LEAD		12.6	mg/kg	.0778	0.544		
ANTIMONY	U	0.778	mg/kg	.0778	0.778		
SELENIUM	U	1.01	mg/kg	.0778	1.01		
THALLIUM	U	0.855	mg/kg	.0778	0.855		
VANADIUM		31.0	mg/kg	.0778	0.622		
ZINC		42.8	mg/kg	.0778	0.311		

Run ID: R181686 / Work Group No.: WG153386
 Prep Date1: 09-APR-09 Analyzed 09-Apr-09 12:03

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.23	mg/kg	1	0.02		
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.065	mg/kg	1	0.01		
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Run ID: R181690 / Work Group No.: WG153376
 Prep Date1: 08-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 08:00

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3109-8
 Lab ID: L150951-5 (P152966-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3109-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	T	170	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	T	66	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		78.0	% recovery	1			
Run ID: R181866 / Work Group No.: WG153430							
Prep Date1: 02-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 01:32							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	E	2,100	mg/kg	10	5.7		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		104	% recovery	10			
D5-CHLOROBENZENE		90.6	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		96.2	% recovery	10			
D4-DICHLOROETHANE		130	% recovery	10			
D8-TOLUENE		98.2	% recovery	10			
4-BROMOFLUOROBENZENE		294	% recovery	10			
Run ID: R182250 / Work Group No.: WG153403							
Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 19:52							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE	U	0.75	mg/kg	10	0.75		
ACROLEIN	U	0.68	mg/kg	10	0.68		
ACRYLONITRILE	U	0.50	mg/kg	10	0.5		
ALLYL CHLORIDE	U	0.40	mg/kg	10	0.4		
TERT-AMYL METHYL ETHER	U	0.22	mg/kg	10	0.22		
BENZENE	U	0.23	mg/kg	10	0.23		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.22	mg/kg	10	0.22		
BROMOBENZENE	U	0.15	mg/kg	10	0.15		
BROMOCHLOROMETHANE	U	0.30	mg/kg	10	0.3		
BROMODICHLOROMETHANE	U	0.21	mg/kg	10	0.21		
BROMOFORM	U	0.20	mg/kg	10	0.2		
BROMOMETHANE	U	1.2	mg/kg	10	1.2		
1,3-BUTADIENE	U	0.62	mg/kg	10	0.62		
TERT-BUTYL ALCOHOL	U	5.1	mg/kg	10	5.1		
N-BUTYLBENZENE	U	0.19	mg/kg	10	0.19		
SEC-BUTYLBENZENE	U	0.17	mg/kg	10	0.17		
TERT-BUTYLBENZENE	U	0.16	mg/kg	10	0.16		
CARBON DISULFIDE	U	0.32	mg/kg	10	0.32		
CARBON TETRACHLORIDE	U	0.25	mg/kg	10	0.25		
CHLOROACETONITRILE	U	0.29	mg/kg	10	0.29		
CHLOROBENZENE	U	0.22	mg/kg	10	0.22		
1-CHLOROBUTANE	U	0.25	mg/kg	10	0.25		
CHLOROETHANE	U	0.48	mg/kg	10	0.48		
2-CHLOROETHYLVINYL ETHER	U	0.58	mg/kg	10	0.58		
CHLOROFORM	U	0.24	mg/kg	10	0.24		
CHLOROMETHANE	U	0.53	mg/kg	10	0.53		
O-CHLOROTOLUENE	U	0.23	mg/kg	10	0.23		
P-CHLOROTOLUENE	U	0.18	mg/kg	10	0.18		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3109-8
 Lab ID: L150951-5 (P152966-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3109-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.43	mg/kg	10	0.43		
DIBROMOCHLOROPROPANE	U	0.32	mg/kg	10	0.32		
DIBROMOMETHANE	U	0.24	mg/kg	10	0.24		
1,2-DICHLOROBENZENE	U	0.19	mg/kg	10	0.19		
1,3-DICHLOROBENZENE	U	0.26	mg/kg	10	0.26		
1,4-DICHLOROBENZENE	U	0.28	mg/kg	10	0.28		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.26	mg/kg	10	0.26		
DICHLORODIFLUOROMETHANE	U	0.35	mg/kg	10	0.35		
1,1-DICHLOROETHANE	U	0.33	mg/kg	10	0.33		
1,2-DICHLOROETHANE	U	0.25	mg/kg	10	0.25		
1,1-DICHLOROETHENE	U	0.32	mg/kg	10	0.32		
CIS-1,2-DICHLOROETHENE	U	0.28	mg/kg	10	0.28		
TRANS-1,2-DICHLOROETHENE	U	0.25	mg/kg	10	0.25		
1,2-DICHLOROPROPANE	U	0.32	mg/kg	10	0.32		
1,3-DICHLOROPROPANE	U	0.22	mg/kg	10	0.22		
SEC-DICHLOROPROPANE	U	0.39	mg/kg	10	0.39		
1,1-DICHLORO-2-PROPANONE	U	0.36	mg/kg	10	0.36		
1,1-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
CIS-1,3-DICHLOROPROPENE	U	0.29	mg/kg	10	0.29		
TRANS-1,3-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
DIISOPROPYL ETHER	U	0.42	mg/kg	10	0.42		
ETHYL ACETATE	U	0.38	mg/kg	10	0.38		
ETHYL BENZENE	U	0.27	mg/kg	10	0.27		
ETHYL-T-BUTYL ETHER	U	0.28	mg/kg	10	0.28		
ETHYLENE DIBROMIDE	U	0.24	mg/kg	10	0.24		
ETHYL ETHER	U	0.50	mg/kg	10	0.5		
ETHYLMETHACRYLATE	U	0.26	mg/kg	10	0.26		
FLUOROTRICHLOROMETHANE	U	0.41	mg/kg	10	0.41		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.39	mg/kg	10	0.39		
HEXACHLOROBUTADIENE	U	0.34	mg/kg	10	0.34		
HEXACHLOROETHANE	U	0.20	mg/kg	10	0.2		
2-HEXANONE	U	0.39	mg/kg	10	0.39		
IODOMETHANE	U	0.93	mg/kg	10	0.93		
ISOPROPYLBENZENE		1.0	mg/kg	10	0.22		
P-ISOPROPYLTOLUENE	U	0.26	mg/kg	10	0.26		
METHYLACRYLATE	U	0.22	mg/kg	10	0.22		
METHYLACRYLONITRILE	U	0.29	mg/kg	10	0.29		
METHYL-T-BUTYL ETHER	U	0.50	mg/kg	10	0.5		
2-BUTANONE	U	0.64	mg/kg	10	0.64		
METHYLENE CHLORIDE		6.3	mg/kg	10	0.36		
4-METHYL-2-PENTANONE	U	0.17	mg/kg	10	0.17		
METHYLMETHACRYLATE	U	0.20	mg/kg	10	0.2		
NAPHTHALENE		4.3	mg/kg	10	0.52		
NITROBENZENE	U	0.61	mg/kg	10	0.61		
2-NITROPROPANE	U	0.43	mg/kg	10	0.43		
PENTACHLOROETHANE	U	1.5	mg/kg	10	1.5		
N-PROPYLBENZENE		2.3	mg/kg	10	0.18		
STYRENE	U	0.33	mg/kg	10	0.33		
1,1,1,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
1,1,2,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
TETRACHLOROETHENE	U	0.33	mg/kg	10	0.33		
TETRAHYDROFURAN	U	0.46	mg/kg	10	0.46		
TOLUENE	U	0.20	mg/kg	10	0.2		
1,2,3-TRICHLOROBENZENE	U	0.45	mg/kg	10	0.45		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3109-8
 Lab ID: L150951-5 (P152966-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3109-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.39	mg/kg	10	0.39		
1,1,1-TRICHLOROETHANE	U	0.26	mg/kg	10	0.26		
1,1,2-TRICHLOROETHANE	U	0.24	mg/kg	10	0.24		
TRICHLOROETHENE	U	0.27	mg/kg	10	0.27		
1,2,3-TRICHLOROPROPANE	U	0.31	mg/kg	10	0.31		
1,2,4-TRIMETHYLBENZENE	U	0.17	mg/kg	10	0.17		
1,3,5-TRIMETHYLBENZENE	U	0.19	mg/kg	10	0.19		
VINYL ACETATE	U	0.53	mg/kg	10	0.53		
VINYL CHLORIDE	U	0.37	mg/kg	10	0.37		
O-XYLENE	U	0.23	mg/kg	10	0.23		
M+P XYLENES	U	0.29	mg/kg	10	0.29		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		82.2	% recovery	10			
D5-CHLOROBENZENE		71.4	% recovery	10			
D4-1,4-DICHLOROBENZENE		76.4	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		97.8	% recovery	10			
D4-DICHLOROETHANE		113	% recovery	10			
D8-TOLUENE		97.8	% recovery	10			
4-BROMOFLUOROBENZENE		156	% recovery	10			

Run ID: R182259 / Work Group No.: WG153402

Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 19:52

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
<i>TARGET ANALYTES</i>						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBENZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3109-8
 Lab ID: L150951-5 (P152966-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3109-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE		0.89	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.093	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		108	% recovery	1	1		
D8-NAPHTHALENE		106	% recovery	1	1		
D10-ACENAPHTHENE		110	% recovery	1	1		
D10-PHENANTHRENE		109	% recovery	1	1		
D12-CHRYSENE		103	% recovery	1	1		
D12-PERYLENE		113	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL		68	% recovery	1			
D5-PHENOL	D	59	% recovery	1			
D5-NITROBENZENE		63	% recovery	1			
2-FLUOROBIPHENYL		70	% recovery	1			
2,4,6-TRIBROMOPHENOL		69	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3109-8
 Lab ID: L150951-5 (P152966-5)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3109-8; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		97	% recovery	1		RL/ML	

Run ID: R182343 / Work Group No.: WG153513
 Prep Date1: 07-APR-09 Prep Date2: 13-APR-09 Analyzed 14-Apr-09 02:53

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC	U	0.958	mg/kg	.0958	0.958
BARIUM		833	mg/kg	.0958	0.192
BERYLLIUM		0.434	mg/kg	.0958	0.0479
CADMIUM	U	0.0862	mg/kg	.0958	0.0862
COBALT		3.94	mg/kg	.0958	0.105
CHROMIUM		45.8	mg/kg	.0958	0.192
COPPER		12.1	mg/kg	.0958	0.383
MOLYBDENUM		1.44	mg/kg	.0958	0.192
NICKEL		34.1	mg/kg	.0958	0.287
LEAD		4.00	mg/kg	.0958	0.67
ANTIMONY	U	0.958	mg/kg	.0958	0.958
SELENIUM	U	1.25	mg/kg	.0958	1.25
THALLIUM	U	1.05	mg/kg	.0958	1.05
VANADIUM		37.2	mg/kg	.0958	0.766
ZINC		29.6	mg/kg	.0958	0.383

Run ID: R181686 / Work Group No.: WG153386
 Prep Date1: 09-APR-09 Analyzed 09-Apr-09 12:06

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.027	mg/kg	1	0.02
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.019	mg/kg	1	0.01
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Run ID: R181690 / Work Group No.: WG153376
 Prep Date1: 08-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 08:00

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2909-10
 Lab ID: L150951-6 (P152966-6)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909-10; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	U	18	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		66.1	% recovery	1			
Run ID: R181866 / Work Group No.: WG153430							
Prep Date1: 02-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 01:58							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	E	320	mg/kg	10	5.7		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		105	% recovery	10			
D5-CHLOROBENZENE		92.2	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		110	% recovery	10			
D4-DICHLOROETHANE		107	% recovery	10			
D8-TOLUENE		96.4	% recovery	10			
4-BROMOFLUOROBENZENE		109	% recovery	10			
Run ID: R182250 / Work Group No.: WG153403							
Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 20:31							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE	U	0.75	mg/kg	10	0.75		
ACROLEIN	U	0.68	mg/kg	10	0.68		
ACRYLONITRILE	U	0.50	mg/kg	10	0.5		
ALLYL CHLORIDE	U	0.40	mg/kg	10	0.4		
TERT-AMYL METHYL ETHER	U	0.22	mg/kg	10	0.22		
BENZENE	U	0.23	mg/kg	10	0.23		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.22	mg/kg	10	0.22		
BROMOBENZENE	U	0.15	mg/kg	10	0.15		
BROMOCHLOROMETHANE	U	0.30	mg/kg	10	0.3		
BROMODICHLOROMETHANE	U	0.21	mg/kg	10	0.21		
BROMOFORM	U	0.20	mg/kg	10	0.2		
BROMOMETHANE	U	1.2	mg/kg	10	1.2		
1,3-BUTADIENE	U	0.62	mg/kg	10	0.62		
TERT-BUTYL ALCOHOL	U	5.1	mg/kg	10	5.1		
N-BUTYLBENZENE	U	0.19	mg/kg	10	0.19		
SEC-BUTYLBENZENE	U	0.17	mg/kg	10	0.17		
TERT-BUTYLBENZENE	U	0.16	mg/kg	10	0.16		
CARBON DISULFIDE	U	0.32	mg/kg	10	0.32		
CARBON TETRACHLORIDE	U	0.25	mg/kg	10	0.25		
CHLOROACETONITRILE	U	0.29	mg/kg	10	0.29		
CHLOROBENZENE	U	0.22	mg/kg	10	0.22		
1-CHLOROBUTANE	U	0.25	mg/kg	10	0.25		
CHLOROETHANE	U	0.48	mg/kg	10	0.48		
2-CHLOROETHYLVINYL ETHER	U	0.58	mg/kg	10	0.58		
CHLOROFORM	U	0.24	mg/kg	10	0.24		
CHLOROMETHANE	U	0.53	mg/kg	10	0.53		
O-CHLOROTOLUENE	U	0.23	mg/kg	10	0.23		
P-CHLOROTOLUENE	U	0.18	mg/kg	10	0.18		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2909-10
 Lab ID: L150951-6 (P152966-6)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909-10; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.43	mg/kg	10	0.43		
DIBROMOCHLOROPROPANE	U	0.32	mg/kg	10	0.32		
DIBROMOMETHANE	U	0.24	mg/kg	10	0.24		
1,2-DICHLOROBENZENE	U	0.19	mg/kg	10	0.19		
1,3-DICHLOROBENZENE	U	0.26	mg/kg	10	0.26		
1,4-DICHLOROBENZENE	U	0.28	mg/kg	10	0.28		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.26	mg/kg	10	0.26		
DICHLORODIFLUOROMETHANE	U	0.35	mg/kg	10	0.35		
1,1-DICHLOROETHANE	U	0.33	mg/kg	10	0.33		
1,2-DICHLOROETHANE	U	0.25	mg/kg	10	0.25		
1,1-DICHLOROETHENE	U	0.32	mg/kg	10	0.32		
CIS-1,2-DICHLOROETHENE	U	0.28	mg/kg	10	0.28		
TRANS-1,2-DICHLOROETHENE	U	0.25	mg/kg	10	0.25		
1,2-DICHLOROPROPANE	U	0.32	mg/kg	10	0.32		
1,3-DICHLOROPROPANE	U	0.22	mg/kg	10	0.22		
SEC-DICHLOROPROPANE	U	0.39	mg/kg	10	0.39		
1,1-DICHLORO-2-PROPANONE	U	0.36	mg/kg	10	0.36		
1,1-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
CIS-1,3-DICHLOROPROPENE	U	0.29	mg/kg	10	0.29		
TRANS-1,3-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
DIISOPROPYL ETHER	U	0.42	mg/kg	10	0.42		
ETHYL ACETATE	U	0.38	mg/kg	10	0.38		
ETHYL BENZENE	U	0.27	mg/kg	10	0.27		
ETHYL-T-BUTYL ETHER	U	0.28	mg/kg	10	0.28		
ETHYLENE DIBROMIDE	U	0.24	mg/kg	10	0.24		
ETHYL ETHER	U	0.50	mg/kg	10	0.5		
ETHYLMETHACRYLATE	U	0.26	mg/kg	10	0.26		
FLUOROTRICHLOROMETHANE	U	0.41	mg/kg	10	0.41		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.39	mg/kg	10	0.39		
HEXACHLOROBUTADIENE	U	0.34	mg/kg	10	0.34		
HEXACHLOROETHANE	U	0.20	mg/kg	10	0.2		
2-HEXANONE	U	0.39	mg/kg	10	0.39		
IODOMETHANE	U	0.93	mg/kg	10	0.93		
ISOPROPYLBENZENE	U	0.22	mg/kg	10	0.22		
P-ISOPROPYLTOLUENE	U	0.26	mg/kg	10	0.26		
METHYLACRYLATE	U	0.22	mg/kg	10	0.22		
METHYLACRYLONITRILE	U	0.29	mg/kg	10	0.29		
METHYL-T-BUTYL ETHER	U	0.50	mg/kg	10	0.5		
2-BUTANONE	U	0.64	mg/kg	10	0.64		
METHYLENE CHLORIDE		7.3	mg/kg	10	0.36		
4-METHYL-2-PENTANONE	U	0.17	mg/kg	10	0.17		
METHYLMETHACRYLATE	U	0.20	mg/kg	10	0.2		
NAPHTHALENE	U	0.52	mg/kg	10	0.52		
NITROBENZENE	U	0.61	mg/kg	10	0.61		
2-NITROPROPANE	U	0.43	mg/kg	10	0.43		
PENTACHLOROETHANE	U	1.5	mg/kg	10	1.5		
N-PROPYLBENZENE	U	0.18	mg/kg	10	0.18		
STYRENE	U	0.33	mg/kg	10	0.33		
1,1,1,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
1,1,2,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
TETRACHLOROETHENE	U	0.33	mg/kg	10	0.33		
TETRAHYDROFURAN	U	0.46	mg/kg	10	0.46		
TOLUENE	U	0.20	mg/kg	10	0.2		
1,2,3-TRICHLOROBENZENE	U	0.45	mg/kg	10	0.45		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2909-10
 Lab ID: L150951-6 (P152966-6)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909-10; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.39	mg/kg	10	0.39		
1,1,1-TRICHLOROETHANE	U	0.26	mg/kg	10	0.26		
1,1,2-TRICHLOROETHANE	U	0.24	mg/kg	10	0.24		
TRICHLOROETHENE	U	0.27	mg/kg	10	0.27		
1,2,3-TRICHLOROPROPANE	U	0.31	mg/kg	10	0.31		
1,2,4-TRIMETHYLBENZENE	U	0.17	mg/kg	10	0.17		
1,3,5-TRIMETHYLBENZENE	U	0.19	mg/kg	10	0.19		
VINYL ACETATE	U	0.53	mg/kg	10	0.53		
VINYL CHLORIDE	U	0.37	mg/kg	10	0.37		
O-XYLENE	U	0.23	mg/kg	10	0.23		
M+P XYLENES	U	0.29	mg/kg	10	0.29		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		83.6	% recovery	10			
D5-CHLOROBENZENE		72.8	% recovery	10			
D4-1,4-DICHLOROBENZENE		55.8	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		111	% recovery	10			
D4-DICHLOROETHANE		108	% recovery	10			
D8-TOLUENE		95.4	% recovery	10			
4-BROMOFLUOROBENZENE		103	% recovery	10			

Run ID: R182259 / Work Group No.: WG153402
 Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 20:31

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
TARGET ANALYTES						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBENZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2909-10
 Lab ID: L150951-6 (P152966-6)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909-10; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.97	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		105	% recovery	1	1		
D8-NAPHTHALENE		104	% recovery	1	1		
D10-ACENAPHTHENE		105	% recovery	1	1		
D10-PHENANTHRENE		104	% recovery	1	1		
D12-CHRYSENE		104	% recovery	1	1		
D12-PERYLENE		111	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL		63	% recovery	1			
D5-PHENOL	D	58	% recovery	1			
D5-NITROBENZENE	D	60	% recovery	1			
2-FLUOROBIPHENYL		66	% recovery	1			
2,4,6-TRIBROMOPHENOL		64	% recovery	1			

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 2909-10
 Lab ID: L150951-6 (P152966-6)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 01:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 2909-10; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		88	% recovery	1		RL/ML	
Run ID: R182343 / Work Group No.: WG153513							
Prep Date1: 07-APR-09 Prep Date2: 13-APR-09 Analyzed 14-Apr-09 03:37							

Method: EPA 6010B - ICP Metals	Soil						
TARGET ANALYTES							
ARSENIC		1.36	mg/kg	.0882		0.882	
BARIUM		272	mg/kg	.0882		0.176	
BERYLLIUM		0.522	mg/kg	.0882		0.0441	
CADMIUM	U	0.0794	mg/kg	.0882		0.0794	
COBALT		3.50	mg/kg	.0882		0.097	
CHROMIUM		40.8	mg/kg	.0882		0.176	
COPPER		13.4	mg/kg	.0882		0.353	
MOLYBDENUM		0.201	mg/kg	.0882		0.176	
NICKEL		27.9	mg/kg	.0882		0.265	
LEAD		2.65	mg/kg	.0882		0.617	
ANTIMONY	U	0.882	mg/kg	.0882		0.882	
SELENIUM	U	1.15	mg/kg	.0882		1.15	
THALLIUM	U	0.970	mg/kg	.0882		0.97	
VANADIUM		26.2	mg/kg	.0882		0.705	
ZINC		27.4	mg/kg	.0882		0.353	
Run ID: R181686 / Work Group No.: WG153386							
Prep Date1: 09-APR-09 Analyzed 09-Apr-09 12:15							

Method: EPA 7471 - Mercury: Cold Vapor	Soil						
TARGET ANALYTES							
MERCURY		0.027	mg/kg	1		0.02	
Run ID: R181530 / Work Group No.: WG153272							
Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08							

Method: EPA 7761 - Silver: Graphite Furnace	Soil						
TARGET ANALYTES							
SILVER		0.017	mg/kg	1		0.01	
Run ID: R181690 / Work Group No.: WG153376							
Prep Date1: 08-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 08:00							

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3009-10
 Lab ID: L150951-7 (P152966-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 02:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3009-10 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	T	120	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	T	37	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		64.0	% recovery	1			
Run ID: R181866 / Work Group No.: WG153430							
Prep Date1: 02-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 02:24							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	E	660	mg/kg	10	5.7		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		105	% recovery	10			
D5-CHLOROBENZENE		92.6	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		102	% recovery	10			
D4-DICHLOROETHANE		107	% recovery	10			
D8-TOLUENE		97.8	% recovery	10			
4-BROMOFLUOROBENZENE		182	% recovery	10			
Run ID: R182250 / Work Group No.: WG153403							
Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 21:11							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE	U	0.75	mg/kg	10	0.75		
ACROLEIN	U	0.68	mg/kg	10	0.68		
ACRYLONITRILE	U	0.50	mg/kg	10	0.5		
ALLYL CHLORIDE	U	0.40	mg/kg	10	0.4		
TERT-AMYL METHYL ETHER	U	0.22	mg/kg	10	0.22		
BENZENE	U	0.23	mg/kg	10	0.23		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.22	mg/kg	10	0.22		
BROMOBENZENE	U	0.15	mg/kg	10	0.15		
BROMOCHLOROMETHANE	U	0.30	mg/kg	10	0.3		
BROMODICHLOROMETHANE	U	0.21	mg/kg	10	0.21		
BROMOFORM	U	0.20	mg/kg	10	0.2		
BROMOMETHANE	U	1.2	mg/kg	10	1.2		
1,3-BUTADIENE	U	0.62	mg/kg	10	0.62		
TERT-BUTYL ALCOHOL	U	5.1	mg/kg	10	5.1		
N-BUTYLBENZENE	U	0.19	mg/kg	10	0.19		
SEC-BUTYLBENZENE	U	0.17	mg/kg	10	0.17		
TERT-BUTYLBENZENE	U	0.16	mg/kg	10	0.16		
CARBON DISULFIDE	U	0.32	mg/kg	10	0.32		
CARBON TETRACHLORIDE	U	0.25	mg/kg	10	0.25		
CHLOROACETONITRILE	U	0.29	mg/kg	10	0.29		
CHLOROBENZENE	U	0.22	mg/kg	10	0.22		
1-CHLOROBUTANE	U	0.25	mg/kg	10	0.25		
CHLOROETHANE	U	0.48	mg/kg	10	0.48		
2-CHLOROETHYLVINYL ETHER	U	0.58	mg/kg	10	0.58		
CHLOROFORM	U	0.24	mg/kg	10	0.24		
CHLOROMETHANE	U	0.53	mg/kg	10	0.53		
O-CHLOROTOLUENE	U	0.23	mg/kg	10	0.23		
P-CHLOROTOLUENE	U	0.18	mg/kg	10	0.18		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3009-10
 Lab ID: L150951-7 (P152966-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 02:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3009-10 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.43	mg/kg	10	0.43		
DIBROMOCHLOROPROPANE	U	0.32	mg/kg	10	0.32		
DIBROMOMETHANE	U	0.24	mg/kg	10	0.24		
1,2-DICHLOROBENZENE	U	0.19	mg/kg	10	0.19		
1,3-DICHLOROBENZENE	U	0.26	mg/kg	10	0.26		
1,4-DICHLOROBENZENE	U	0.28	mg/kg	10	0.28		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.26	mg/kg	10	0.26		
DICHLORODIFLUOROMETHANE	U	0.35	mg/kg	10	0.35		
1,1-DICHLOROETHANE	U	0.33	mg/kg	10	0.33		
1,2-DICHLOROETHANE	U	0.25	mg/kg	10	0.25		
1,1-DICHLOROETHENE	U	0.32	mg/kg	10	0.32		
CIS-1,2-DICHLOROETHENE	U	0.28	mg/kg	10	0.28		
TRANS-1,2-DICHLOROETHENE	U	0.25	mg/kg	10	0.25		
1,2-DICHLOROPROPANE	U	0.32	mg/kg	10	0.32		
1,3-DICHLOROPROPANE	U	0.22	mg/kg	10	0.22		
SEC-DICHLOROPROPANE	U	0.39	mg/kg	10	0.39		
1,1-DICHLORO-2-PROPANONE	U	0.36	mg/kg	10	0.36		
1,1-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
CIS-1,3-DICHLOROPROPENE	U	0.29	mg/kg	10	0.29		
TRANS-1,3-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
DIISOPROPYL ETHER	U	0.42	mg/kg	10	0.42		
ETHYL ACETATE	U	0.38	mg/kg	10	0.38		
ETHYL BENZENE	U	0.27	mg/kg	10	0.27		
ETHYL-T-BUTYL ETHER	U	0.28	mg/kg	10	0.28		
ETHYLENE DIBROMIDE	U	0.24	mg/kg	10	0.24		
ETHYL ETHER	U	0.50	mg/kg	10	0.5		
ETHYLMETHACRYLATE	U	0.26	mg/kg	10	0.26		
FLUOROTRICHLOROMETHANE	U	0.41	mg/kg	10	0.41		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.39	mg/kg	10	0.39		
HEXACHLOROBUTADIENE	U	0.34	mg/kg	10	0.34		
HEXACHLOROETHANE	U	0.20	mg/kg	10	0.2		
2-HEXANONE	U	0.39	mg/kg	10	0.39		
IODOMETHANE	U	0.93	mg/kg	10	0.93		
ISOPROPYLBENZENE	U	0.28	mg/kg	10	0.22		
P-ISOPROPYLTOLUENE	U	0.26	mg/kg	10	0.26		
METHYLACRYLATE	U	0.22	mg/kg	10	0.22		
METHYLACRYLONITRILE	U	0.29	mg/kg	10	0.29		
METHYL-T-BUTYL ETHER	U	0.50	mg/kg	10	0.5		
2-BUTANONE	U	0.64	mg/kg	10	0.64		
METHYLENE CHLORIDE	U	5.2	mg/kg	10	0.36		
4-METHYL-2-PENTANONE	U	0.17	mg/kg	10	0.17		
METHYLMETHACRYLATE	U	0.20	mg/kg	10	0.2		
NAPHTHALENE	U	0.52	mg/kg	10	0.52		
NITROBENZENE	U	0.61	mg/kg	10	0.61		
2-NITROPROPANE	U	0.43	mg/kg	10	0.43		
PENTACHLOROETHANE	U	1.5	mg/kg	10	1.5		
N-PROPYLBENZENE	U	0.42	mg/kg	10	0.18		
STYRENE	U	0.33	mg/kg	10	0.33		
1,1,1,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
1,1,2,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
TETRACHLOROETHENE	U	0.33	mg/kg	10	0.33		
TETRAHYDROFURAN	U	0.46	mg/kg	10	0.46		
TOLUENE	U	0.20	mg/kg	10	0.2		
1,2,3-TRICHLOROBENZENE	U	0.45	mg/kg	10	0.45		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3009-10
 Lab ID: L150951-7 (P152966-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 02:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3009-10 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.39	mg/kg	10	0.39		
1,1,1-TRICHLOROETHANE	U	0.26	mg/kg	10	0.26		
1,1,2-TRICHLOROETHANE	U	0.24	mg/kg	10	0.24		
TRICHLOROETHENE	U	0.27	mg/kg	10	0.27		
1,2,3-TRICHLOROPROPANE	U	0.31	mg/kg	10	0.31		
1,2,4-TRIMETHYLBENZENE	U	0.17	mg/kg	10	0.17		
1,3,5-TRIMETHYLBENZENE	U	0.19	mg/kg	10	0.19		
VINYL ACETATE	U	0.53	mg/kg	10	0.53		
VINYL CHLORIDE	U	0.37	mg/kg	10	0.37		
O-XYLENE	U	0.23	mg/kg	10	0.23		
M+P XYLENES	U	0.29	mg/kg	10	0.29		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		83.2	% recovery	10			
D5-CHLOROBENZENE		73.0	% recovery	10			
D4-1,4-DICHLOROBENZENE		68.6	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		104	% recovery	10			
D4-DICHLOROETHANE		108	% recovery	10			
D8-TOLUENE		97.4	% recovery	10			
4-BROMOFLUOROBENZENE		140	% recovery	10			

Run ID: R182259 / Work Group No.: WG153402

Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 21:11

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
TARGET ANALYTES						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBENZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3009-10
 Lab ID: L150951-7 (P152966-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 02:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3009-10 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.17	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		104	% recovery	1	1		
D8-NAPHTHALENE		102	% recovery	1	1		
D10-ACENAPHTHENE		107	% recovery	1	1		
D10-PHENANTHRENE		106	% recovery	1	1		
D12-CHRYSENE		102	% recovery	1	1		
D12-PERYLENE		110	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL		59	% recovery	1			
D5-PHENOL	D	52	% recovery	1			
D5-NITROBENZENE	D	56	% recovery	1			
2-FLUOROBIPHENYL		66	% recovery	1			
2,4,6-TRIBROMOPHENOL		61	% recovery	1			

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3009-10
 Lab ID: L150951-7 (P152966-7)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 02:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3009-10 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		91	% recovery	1		RL/ML	

Run ID: R182343 / Work Group No.: WG153513
 Prep Date1: 07-APR-09 Prep Date2: 13-APR-09 Analyzed 14-Apr-09 04:21

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC		14.5	mg/kg	.0921	0.921
BARIUM		339	mg/kg	.0921	0.184
BERYLLIUM		0.422	mg/kg	.0921	0.046
CADMIUM		0.397	mg/kg	.0921	0.0829
COBALT		27.4	mg/kg	.0921	0.101
CHROMIUM		35.4	mg/kg	.0921	0.184
COPPER		6.63	mg/kg	.0921	0.368
MOLYBDENUM		0.433	mg/kg	.0921	0.184
NICKEL		48.6	mg/kg	.0921	0.276
LEAD		3.90	mg/kg	.0921	0.645
ANTIMONY	U	0.921	mg/kg	.0921	0.921
SELENIUM	U	1.20	mg/kg	.0921	1.2
THALLIUM	U	1.01	mg/kg	.0921	1.01
VANADIUM		32.1	mg/kg	.0921	0.737
ZINC		24.0	mg/kg	.0921	0.368

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 10:57

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.028	mg/kg	1	0.02
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.065	mg/kg	1	0.01
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Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3109-12
 Lab ID: L150951-8 (P152966-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3109-12 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL		120	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)		53	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		71.3	% recovery	1			
Run ID: R181866 / Work Group No.: WG153430							
Prep Date1: 02-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 02:49							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	E	2,400	mg/kg	10	5.7		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		102	% recovery	10			
D5-CHLOROBENZENE		93.2	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		102	% recovery	10			
D4-DICHLOROETHANE		116	% recovery	10			
D8-TOLUENE		97.8	% recovery	10			
4-BROMOFLUOROBENZENE		190	% recovery	10			
Run ID: R182250 / Work Group No.: WG153403							
Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 21:50							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE	U	0.75	mg/kg	10	0.75		
ACROLEIN	U	0.68	mg/kg	10	0.68		
ACRYLONITRILE	U	0.50	mg/kg	10	0.5		
ALLYL CHLORIDE	U	0.40	mg/kg	10	0.4		
TERT-AMYL METHYL ETHER	U	0.22	mg/kg	10	0.22		
BENZENE	U	0.23	mg/kg	10	0.23		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.22	mg/kg	10	0.22		
BROMOBENZENE	U	0.15	mg/kg	10	0.15		
BROMOCHLOROMETHANE	U	0.30	mg/kg	10	0.3		
BROMODICHLOROMETHANE	U	0.21	mg/kg	10	0.21		
BROMOFORM	U	0.20	mg/kg	10	0.2		
BROMOMETHANE	U	1.2	mg/kg	10	1.2		
1,3-BUTADIENE	U	0.62	mg/kg	10	0.62		
TERT-BUTYL ALCOHOL	U	5.1	mg/kg	10	5.1		
N-BUTYLBENZENE	U	0.19	mg/kg	10	0.19		
SEC-BUTYLBENZENE	U	0.17	mg/kg	10	0.17		
TERT-BUTYLBENZENE		0.30	mg/kg	10	0.16		
CARBON DISULFIDE	U	0.32	mg/kg	10	0.32		
CARBON TETRACHLORIDE	U	0.25	mg/kg	10	0.25		
CHLOROACETONITRILE	U	0.29	mg/kg	10	0.29		
CHLOROBENZENE	U	0.22	mg/kg	10	0.22		
1-CHLOROBUTANE	U	0.25	mg/kg	10	0.25		
CHLOROETHANE	U	0.48	mg/kg	10	0.48		
2-CHLOROETHYLVINYL ETHER	U	0.58	mg/kg	10	0.58		
CHLOROFORM	U	0.24	mg/kg	10	0.24		
CHLOROMETHANE	U	0.53	mg/kg	10	0.53		
O-CHLOROTOLUENE	U	0.23	mg/kg	10	0.23		
P-CHLOROTOLUENE	U	0.18	mg/kg	10	0.18		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3109-12
 Lab ID: L150951-8 (P152966-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3109-12 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.43	mg/kg	10	0.43		
DIBROMOCHLOROPROPANE	U	0.32	mg/kg	10	0.32		
DIBROMOMETHANE	U	0.24	mg/kg	10	0.24		
1,2-DICHLOROBENZENE	U	0.19	mg/kg	10	0.19		
1,3-DICHLOROBENZENE	U	0.26	mg/kg	10	0.26		
1,4-DICHLOROBENZENE	U	0.28	mg/kg	10	0.28		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.26	mg/kg	10	0.26		
DICHLORODIFLUOROMETHANE	U	0.35	mg/kg	10	0.35		
1,1-DICHLOROETHANE	U	0.33	mg/kg	10	0.33		
1,2-DICHLOROETHANE	U	0.25	mg/kg	10	0.25		
1,1-DICHLOROETHENE	U	0.32	mg/kg	10	0.32		
CIS-1,2-DICHLOROETHENE	U	0.28	mg/kg	10	0.28		
TRANS-1,2-DICHLOROETHENE	U	0.25	mg/kg	10	0.25		
1,2-DICHLOROPROPANE	U	0.32	mg/kg	10	0.32		
1,3-DICHLOROPROPANE	U	0.22	mg/kg	10	0.22		
SEC-DICHLOROPROPANE	U	0.39	mg/kg	10	0.39		
1,1-DICHLORO-2-PROPANONE	U	0.36	mg/kg	10	0.36		
1,1-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
CIS-1,3-DICHLOROPROPENE	U	0.29	mg/kg	10	0.29		
TRANS-1,3-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
DIISOPROPYL ETHER	U	0.42	mg/kg	10	0.42		
ETHYL ACETATE	U	0.38	mg/kg	10	0.38		
ETHYL BENZENE		1.8	mg/kg	10	0.27		
ETHYL-T-BUTYL ETHER	U	0.28	mg/kg	10	0.28		
ETHYLENE DIBROMIDE	U	0.24	mg/kg	10	0.24		
ETHYL ETHER	U	0.50	mg/kg	10	0.5		
ETHYLMETHACRYLATE	U	0.26	mg/kg	10	0.26		
FLUOROTRICHLOROMETHANE	U	0.41	mg/kg	10	0.41		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.39	mg/kg	10	0.39		
HEXACHLOROBUTADIENE	U	0.34	mg/kg	10	0.34		
HEXACHLOROETHANE	U	0.20	mg/kg	10	0.2		
2-HEXANONE	U	0.39	mg/kg	10	0.39		
IODOMETHANE	U	0.93	mg/kg	10	0.93		
ISOPROPYLBENZENE		0.60	mg/kg	10	0.22		
P-ISOPROPYLTOLUENE	U	0.26	mg/kg	10	0.26		
METHYLACRYLATE	U	0.22	mg/kg	10	0.22		
METHYLACRYLONITRILE	U	0.29	mg/kg	10	0.29		
METHYL-T-BUTYL ETHER	U	0.50	mg/kg	10	0.5		
2-BUTANONE	U	0.64	mg/kg	10	0.64		
METHYLENE CHLORIDE		0.82	mg/kg	10	0.36		
4-METHYL-2-PENTANONE	U	0.17	mg/kg	10	0.17		
METHYLMETHACRYLATE	U	0.20	mg/kg	10	0.2		
NAPHTHALENE		2.4	mg/kg	10	0.52		
NITROBENZENE	U	0.61	mg/kg	10	0.61		
2-NITROPROPANE	U	0.43	mg/kg	10	0.43		
PENTACHLOROETHANE	U	1.5	mg/kg	10	1.5		
N-PROPYLBENZENE		1.6	mg/kg	10	0.18		
STYRENE	U	0.33	mg/kg	10	0.33		
1,1,1,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
1,1,2,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
TETRACHLOROETHENE	U	0.33	mg/kg	10	0.33		
TETRAHYDROFURAN	U	0.46	mg/kg	10	0.46		
TOLUENE	U	0.20	mg/kg	10	0.2		
1,2,3-TRICHLOROBENZENE	U	0.45	mg/kg	10	0.45		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3109-12
 Lab ID: L150951-8 (P152966-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3109-12 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.39	mg/kg	10	0.39		
1,1,1-TRICHLOROETHANE	U	0.26	mg/kg	10	0.26		
1,1,2-TRICHLOROETHANE	U	0.24	mg/kg	10	0.24		
TRICHLOROETHENE	U	0.27	mg/kg	10	0.27		
1,2,3-TRICHLOROPROPANE	U	0.31	mg/kg	10	0.31		
1,2,4-TRIMETHYLBENZENE		9.0	mg/kg	10	0.17		
1,3,5-TRIMETHYLBENZENE		2.0	mg/kg	10	0.19		
VINYL ACETATE	U	0.53	mg/kg	10	0.53		
VINYL CHLORIDE	U	0.37	mg/kg	10	0.37		
O-XYLENE		0.81	mg/kg	10	0.23		
M+P XYLENES		3.3	mg/kg	10	0.29		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		81.0	% recovery	10			
D5-CHLOROBENZENE		73.4	% recovery	10			
D4-1,4-DICHLOROBENZENE		70.6	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		104	% recovery	10			
D4-DICHLOROETHANE		110	% recovery	10			
D8-TOLUENE		97.4	% recovery	10			
4-BROMOFLUOROBENZENE		136	% recovery	10			

Run ID: R182259 / Work Group No.: WG153402

Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 21:50

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
<i>TARGET ANALYTES</i>						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBEZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3109-12
 Lab ID: L150951-8 (P152966-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3109-12 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE		0.47	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE		0.12	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.14	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		95.2	% recovery	1	1		
D8-NAPHTHALENE		95.4	% recovery	1	1		
D10-ACENAPHTHENE		96.1	% recovery	1	1		
D10-PHENANTHRENE		94.1	% recovery	1	1		
D12-CHRYSENE		92.0	% recovery	1	1		
D12-PERYLENE		101	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL		74	% recovery	1			
D5-PHENOL	D	57	% recovery	1			
D5-NITROBENZENE		64	% recovery	1			
2-FLUOROBIPHENYL		77	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	51	% recovery	1			

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3109-12
 Lab ID: L150951-8 (P152966-8)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 26 2009, 03:15pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3109-12 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
D14-P-TERPHENYL		100	% recovery	1			

Run ID: R182343 / Work Group No.: WG153513
 Prep Date1: 07-APR-09 Prep Date2: 13-APR-09 Analyzed 14-Apr-09 05:05

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC	U	1.00	mg/kg	.1	1		
BARIUM		84.0	mg/kg	.1	0.201		
BERYLLIUM		0.244	mg/kg	.1	0.0502		
CADMIUM		0.126	mg/kg	.1	0.0904		
COBALT		3.61	mg/kg	.1	0.11		
CHROMIUM		29.5	mg/kg	.1	0.201		
COPPER		6.86	mg/kg	.1	0.402		
MOLYBDENUM	U	0.201	mg/kg	.1	0.201		
NICKEL		22.4	mg/kg	.1	0.301		
LEAD		4.11	mg/kg	.1	0.703		
ANTIMONY		1.42	mg/kg	.1	1		
SELENIUM	U	1.31	mg/kg	.1	1.31		
THALLIUM	U	1.10	mg/kg	.1	1.1		
VANADIUM		19.0	mg/kg	.1	0.803		
ZINC		17.8	mg/kg	.1	0.402		

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 11:12

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.035	mg/kg	1	0.02		
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.059	mg/kg	1	0.01		
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Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3209-8
 Lab ID: L150951-9 (P152966-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3209-8 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)		890	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		87.4	% recovery	1			
Run ID: R181866 / Work Group No.: WG153430							
Prep Date1: 02-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 03:15							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE		110	mg/kg	10	5.7		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		103	% recovery	10			
D5-CHLOROBENZENE		91.0	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		110	% recovery	10			
D4-DICHLOROETHANE		102	% recovery	10			
D8-TOLUENE		101	% recovery	10			
4-BROMOFLUOROBENZENE		109	% recovery	10			
Run ID: R182250 / Work Group No.: WG153403							
Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 22:29							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE	U	0.75	mg/kg	10	0.75		
ACROLEIN	U	0.68	mg/kg	10	0.68		
ACRYLONITRILE	U	0.50	mg/kg	10	0.5		
ALLYL CHLORIDE	U	0.40	mg/kg	10	0.4		
TERT-AMYL METHYL ETHER	U	0.22	mg/kg	10	0.22		
BENZENE	U	0.23	mg/kg	10	0.23		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.22	mg/kg	10	0.22		
BROMOBENZENE	U	0.15	mg/kg	10	0.15		
BROMOCHLOROMETHANE	U	0.30	mg/kg	10	0.3		
BROMODICHLOROMETHANE	U	0.21	mg/kg	10	0.21		
BROMOFORM	U	0.20	mg/kg	10	0.2		
BROMOMETHANE	U	1.2	mg/kg	10	1.2		
1,3-BUTADIENE	U	0.62	mg/kg	10	0.62		
TERT-BUTYL ALCOHOL	U	5.1	mg/kg	10	5.1		
N-BUTYLBENZENE	U	0.19	mg/kg	10	0.19		
SEC-BUTYLBENZENE	U	0.17	mg/kg	10	0.17		
TERT-BUTYLBENZENE	U	0.16	mg/kg	10	0.16		
CARBON DISULFIDE	U	0.32	mg/kg	10	0.32		
CARBON TETRACHLORIDE	U	0.25	mg/kg	10	0.25		
CHLOROACETONITRILE	U	0.29	mg/kg	10	0.29		
CHLOROBENZENE	U	0.22	mg/kg	10	0.22		
1-CHLOROBUTANE	U	0.25	mg/kg	10	0.25		
CHLOROETHANE	U	0.48	mg/kg	10	0.48		
2-CHLOROETHYLVINYL ETHER	U	0.58	mg/kg	10	0.58		
CHLOROFORM	U	0.24	mg/kg	10	0.24		
CHLOROMETHANE	U	0.53	mg/kg	10	0.53		
O-CHLOROTOLUENE	U	0.23	mg/kg	10	0.23		
P-CHLOROTOLUENE	U	0.18	mg/kg	10	0.18		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3209-8
 Lab ID: L150951-9 (P152966-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3209-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.43	mg/kg	10	0.43		
DIBROMOCHLOROPROPANE	U	0.32	mg/kg	10	0.32		
DIBROMOMETHANE	U	0.24	mg/kg	10	0.24		
1,2-DICHLOROBENZENE	U	0.19	mg/kg	10	0.19		
1,3-DICHLOROBENZENE	U	0.26	mg/kg	10	0.26		
1,4-DICHLOROBENZENE	U	0.28	mg/kg	10	0.28		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.26	mg/kg	10	0.26		
DICHLORODIFLUOROMETHANE	U	0.35	mg/kg	10	0.35		
1,1-DICHLOROETHANE	U	0.33	mg/kg	10	0.33		
1,2-DICHLOROETHANE	U	0.25	mg/kg	10	0.25		
1,1-DICHLOROETHENE	U	0.32	mg/kg	10	0.32		
CIS-1,2-DICHLOROETHENE	U	0.28	mg/kg	10	0.28		
TRANS-1,2-DICHLOROETHENE	U	0.25	mg/kg	10	0.25		
1,2-DICHLOROPROPANE	U	0.32	mg/kg	10	0.32		
1,3-DICHLOROPROPANE	U	0.22	mg/kg	10	0.22		
SEC-DICHLOROPROPANE	U	0.39	mg/kg	10	0.39		
1,1-DICHLORO-2-PROPANONE	U	0.36	mg/kg	10	0.36		
1,1-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
CIS-1,3-DICHLOROPROPENE	U	0.29	mg/kg	10	0.29		
TRANS-1,3-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
DIISOPROPYL ETHER	U	0.42	mg/kg	10	0.42		
ETHYL ACETATE	U	0.38	mg/kg	10	0.38		
ETHYL BENZENE	U	0.27	mg/kg	10	0.27		
ETHYL-T-BUTYL ETHER	U	0.28	mg/kg	10	0.28		
ETHYLENE DIBROMIDE	U	0.24	mg/kg	10	0.24		
ETHYL ETHER	U	0.50	mg/kg	10	0.5		
ETHYLMETHACRYLATE	U	0.26	mg/kg	10	0.26		
FLUOROTRICHLOROMETHANE	U	0.41	mg/kg	10	0.41		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.39	mg/kg	10	0.39		
HEXACHLOROBUTADIENE	U	0.34	mg/kg	10	0.34		
HEXACHLOROETHANE	U	0.20	mg/kg	10	0.2		
2-HEXANONE	U	0.39	mg/kg	10	0.39		
IODOMETHANE	U	0.93	mg/kg	10	0.93		
ISOPROPYLBENZENE	U	0.22	mg/kg	10	0.22		
P-ISOPROPYLTOLUENE	U	0.26	mg/kg	10	0.26		
METHYLACRYLATE	U	0.22	mg/kg	10	0.22		
METHYLACRYLONITRILE	U	0.29	mg/kg	10	0.29		
METHYL-T-BUTYL ETHER	U	0.50	mg/kg	10	0.5		
2-BUTANONE	U	0.64	mg/kg	10	0.64		
METHYLENE CHLORIDE		3.9	mg/kg	10	0.36		
4-METHYL-2-PENTANONE	U	0.17	mg/kg	10	0.17		
METHYLMETHACRYLATE	U	0.20	mg/kg	10	0.2		
NAPHTHALENE	U	0.52	mg/kg	10	0.52		
NITROBENZENE	U	0.61	mg/kg	10	0.61		
2-NITROPROPANE	U	0.43	mg/kg	10	0.43		
PENTACHLOROETHANE	U	1.5	mg/kg	10	1.5		
N-PROPYLBENZENE	U	0.18	mg/kg	10	0.18		
STYRENE	U	0.33	mg/kg	10	0.33		
1,1,1,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
1,1,2,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
TETRACHLOROETHENE	U	0.33	mg/kg	10	0.33		
TETRAHYDROFURAN	U	0.46	mg/kg	10	0.46		
TOLUENE	U	0.20	mg/kg	10	0.2		
1,2,3-TRICHLOROBENZENE	U	0.45	mg/kg	10	0.45		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3209-8
 Lab ID: L150951-9 (P152966-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3209-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.39	mg/kg	10	0.39		
1,1,1-TRICHLOROETHANE	U	0.26	mg/kg	10	0.26		
1,1,2-TRICHLOROETHANE	U	0.24	mg/kg	10	0.24		
TRICHLOROETHENE	U	0.27	mg/kg	10	0.27		
1,2,3-TRICHLOROPROPANE	U	0.31	mg/kg	10	0.31		
1,2,4-TRIMETHYLBENZENE	U	0.17	mg/kg	10	0.17		
1,3,5-TRIMETHYLBENZENE	U	0.19	mg/kg	10	0.19		
VINYL ACETATE	U	0.53	mg/kg	10	0.53		
VINYL CHLORIDE	U	0.37	mg/kg	10	0.37		
O-XYLENE	U	0.23	mg/kg	10	0.23		
M+P XYLENES	U	0.29	mg/kg	10	0.29		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		81.8	% recovery	10			
D5-CHLOROBENZENE		72.2	% recovery	10			
D4-1,4-DICHLOROBENZENE		58.0	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		113	% recovery	10			
D4-DICHLOROETHANE		104	% recovery	10			
D8-TOLUENE		101	% recovery	10			
4-BROMOFLUOROBENZENE		104	% recovery	10			

Run ID: R182259 / Work Group No.: WG153402

Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 22:29

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
<i>TARGET ANALYTES</i>						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBENZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3209-8
 Lab ID: L150951-9 (P152966-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3209-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.17	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		96.5	% recovery	1	1		
D8-NAPHTHALENE		96.9	% recovery	1	1		
D10-ACENAPHTHENE		99.4	% recovery	1	1		
D10-PHENANTHRENE		100	% recovery	1	1		
D12-CHRYSENE		105	% recovery	1	1		
D12-PERYLENE		115	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL		64	% recovery	1			
D5-PHENOL	D	54	% recovery	1			
D5-NITROBENZENE	D	59	% recovery	1			
2-FLUOROBIPHENYL		68	% recovery	1			
2,4,6-TRIBROMOPHENOL		63	% recovery	1			

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3209-8
 Lab ID: L150951-9 (P152966-9)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3209-8 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		95	% recovery	1		RL/ML	
Run ID: R182343 / Work Group No.: WG153513							
Prep Date1: 07-APR-09 Prep Date2: 13-APR-09 Analyzed 14-Apr-09 05:48							

Method: EPA 6010B - ICP Metals	Soil						
TARGET ANALYTES							
ARSENIC		3.12	mg/kg	.0931		0.931	
BARIUM		69.6	mg/kg	.0931		0.186	
BERYLLIUM		0.235	mg/kg	.0931		0.0466	
CADMIUM		0.258	mg/kg	.0931		0.0838	
COBALT		7.14	mg/kg	.0931		0.102	
CHROMIUM		33.4	mg/kg	.0931		0.186	
COPPER		12.2	mg/kg	.0931		0.372	
MOLYBDENUM	U	0.186	mg/kg	.0931		0.186	
NICKEL		24.3	mg/kg	.0931		0.279	
LEAD		19.9	mg/kg	.0931		0.652	
ANTIMONY	U	0.931	mg/kg	.0931		0.931	
SELENIUM	U	1.21	mg/kg	.0931		1.21	
THALLIUM	U	1.02	mg/kg	.0931		1.02	
VANADIUM		25.2	mg/kg	.0931		0.745	
ZINC		43.7	mg/kg	.0931		0.372	
Run ID: R182072 / Work Group No.: WG153563							
Prep Date1: 16-APR-09 Analyzed 16-Apr-09 11:15							

Method: EPA 7471 - Mercury: Cold Vapor	Soil						
TARGET ANALYTES							
MERCURY		0.45	mg/kg	1		0.02	
Run ID: R181530 / Work Group No.: WG153272							
Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08							

Method: EPA 7761 - Silver: Graphite Furnace	Soil						
TARGET ANALYTES							
SILVER		0.049	mg/kg	1		0.01	
Run ID: R182102 / Work Group No.: WG153558							
Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3309-8
 Lab ID: L150951-10 (P152966-10)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3309-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	T	23	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		63.4	% recovery	1			
Run ID: R181866 / Work Group No.: WG153430							
Prep Date1: 02-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 03:41							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE		10	mg/kg	10	5.7		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		106	% recovery	10			
D5-CHLOROBENZENE		92.4	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		104	% recovery	10			
D4-DICHLOROETHANE		105	% recovery	10			
D8-TOLUENE		97.6	% recovery	10			
4-BROMOFLUOROBENZENE		102	% recovery	10			
Run ID: R182250 / Work Group No.: WG153403							
Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 23:09							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE	U	0.75	mg/kg	10	0.75		
ACROLEIN	U	0.68	mg/kg	10	0.68		
ACRYLONITRILE	U	0.50	mg/kg	10	0.5		
ALLYL CHLORIDE	U	0.40	mg/kg	10	0.4		
TERT-AMYL METHYL ETHER	U	0.22	mg/kg	10	0.22		
BENZENE	U	0.23	mg/kg	10	0.23		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.22	mg/kg	10	0.22		
BROMOBENZENE	U	0.15	mg/kg	10	0.15		
BROMOCHLOROMETHANE	U	0.30	mg/kg	10	0.3		
BROMODICHLOROMETHANE	U	0.21	mg/kg	10	0.21		
BROMOFORM	U	0.20	mg/kg	10	0.2		
BROMOMETHANE	U	1.2	mg/kg	10	1.2		
1,3-BUTADIENE	U	0.62	mg/kg	10	0.62		
TERT-BUTYL ALCOHOL	U	5.1	mg/kg	10	5.1		
N-BUTYLBENZENE	U	0.19	mg/kg	10	0.19		
SEC-BUTYLBENZENE	U	0.17	mg/kg	10	0.17		
TERT-BUTYLBENZENE	U	0.16	mg/kg	10	0.16		
CARBON DISULFIDE	U	0.32	mg/kg	10	0.32		
CARBON TETRACHLORIDE	U	0.25	mg/kg	10	0.25		
CHLOROACETONITRILE	U	0.29	mg/kg	10	0.29		
CHLOROBENZENE	U	0.22	mg/kg	10	0.22		
1-CHLOROBUTANE	U	0.25	mg/kg	10	0.25		
CHLOROETHANE	U	0.48	mg/kg	10	0.48		
2-CHLOROETHYLVINYL ETHER	U	0.58	mg/kg	10	0.58		
CHLOROFORM	U	0.24	mg/kg	10	0.24		
CHLOROMETHANE	U	0.53	mg/kg	10	0.53		
O-CHLOROTOLUENE	U	0.23	mg/kg	10	0.23		
P-CHLOROTOLUENE	U	0.18	mg/kg	10	0.18		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3309-8
 Lab ID: L150951-10 (P152966-10)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3309-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.43	mg/kg	10	0.43		
DIBROMOCHLOROPROPANE	U	0.32	mg/kg	10	0.32		
DIBROMOMETHANE	U	0.24	mg/kg	10	0.24		
1,2-DICHLOROBENZENE	U	0.19	mg/kg	10	0.19		
1,3-DICHLOROBENZENE	U	0.26	mg/kg	10	0.26		
1,4-DICHLOROBENZENE	U	0.28	mg/kg	10	0.28		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.26	mg/kg	10	0.26		
DICHLORODIFLUOROMETHANE	U	0.35	mg/kg	10	0.35		
1,1-DICHLOROETHANE	U	0.33	mg/kg	10	0.33		
1,2-DICHLOROETHANE	U	0.25	mg/kg	10	0.25		
1,1-DICHLOROETHENE	U	0.32	mg/kg	10	0.32		
CIS-1,2-DICHLOROETHENE	U	0.28	mg/kg	10	0.28		
TRANS-1,2-DICHLOROETHENE	U	0.25	mg/kg	10	0.25		
1,2-DICHLOROPROPANE	U	0.32	mg/kg	10	0.32		
1,3-DICHLOROPROPANE	U	0.22	mg/kg	10	0.22		
SEC-DICHLOROPROPANE	U	0.39	mg/kg	10	0.39		
1,1-DICHLORO-2-PROPANONE	U	0.36	mg/kg	10	0.36		
1,1-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
CIS-1,3-DICHLOROPROPENE	U	0.29	mg/kg	10	0.29		
TRANS-1,3-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
DIISOPROPYL ETHER	U	0.42	mg/kg	10	0.42		
ETHYL ACETATE	U	0.38	mg/kg	10	0.38		
ETHYL BENZENE	U	0.27	mg/kg	10	0.27		
ETHYL-T-BUTYL ETHER	U	0.28	mg/kg	10	0.28		
ETHYLENE DIBROMIDE	U	0.24	mg/kg	10	0.24		
ETHYL ETHER	U	0.50	mg/kg	10	0.5		
ETHYLMETHACRYLATE	U	0.26	mg/kg	10	0.26		
FLUOROTRICHLOROMETHANE	U	0.41	mg/kg	10	0.41		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.39	mg/kg	10	0.39		
HEXACHLOROBUTADIENE	U	0.34	mg/kg	10	0.34		
HEXACHLOROETHANE	U	0.20	mg/kg	10	0.2		
2-HEXANONE	U	0.39	mg/kg	10	0.39		
IODOMETHANE	U	0.93	mg/kg	10	0.93		
ISOPROPYLBENZENE	U	0.22	mg/kg	10	0.22		
P-ISOPROPYLTOLUENE	U	0.26	mg/kg	10	0.26		
METHYLACRYLATE	U	0.22	mg/kg	10	0.22		
METHYLACRYLONITRILE	U	0.29	mg/kg	10	0.29		
METHYL-T-BUTYL ETHER	U	0.50	mg/kg	10	0.5		
2-BUTANONE	U	0.64	mg/kg	10	0.64		
METHYLENE CHLORIDE		1.2	mg/kg	10	0.36		
4-METHYL-2-PENTANONE	U	0.17	mg/kg	10	0.17		
METHYLMETHACRYLATE	U	0.20	mg/kg	10	0.2		
NAPHTHALENE	U	0.52	mg/kg	10	0.52		
NITROBENZENE	U	0.61	mg/kg	10	0.61		
2-NITROPROPANE	U	0.43	mg/kg	10	0.43		
PENTACHLOROETHANE	U	1.5	mg/kg	10	1.5		
N-PROPYLBENZENE	U	0.18	mg/kg	10	0.18		
STYRENE	U	0.33	mg/kg	10	0.33		
1,1,1,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
1,1,2,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
TETRACHLOROETHENE	U	0.33	mg/kg	10	0.33		
TETRAHYDROFURAN	U	0.46	mg/kg	10	0.46		
TOLUENE	U	0.20	mg/kg	10	0.2		
1,2,3-TRICHLOROBENZENE	U	0.45	mg/kg	10	0.45		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3309-8
 Lab ID: L150951-10 (P152966-10)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3309-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.39	mg/kg	10	0.39		
1,1,1-TRICHLOROETHANE	U	0.26	mg/kg	10	0.26		
1,1,2-TRICHLOROETHANE	U	0.24	mg/kg	10	0.24		
TRICHLOROETHENE	U	0.27	mg/kg	10	0.27		
1,2,3-TRICHLOROPROPANE	U	0.31	mg/kg	10	0.31		
1,2,4-TRIMETHYLBENZENE	U	0.17	mg/kg	10	0.17		
1,3,5-TRIMETHYLBENZENE	U	0.19	mg/kg	10	0.19		
VINYL ACETATE	U	0.53	mg/kg	10	0.53		
VINYL CHLORIDE	U	0.37	mg/kg	10	0.37		
O-XYLENE	U	0.23	mg/kg	10	0.23		
M+P XYLENES	U	0.29	mg/kg	10	0.29		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		83.4	% recovery	10			
D5-CHLOROBENZENE		72.8	% recovery	10			
D4-1,4-DICHLOROBENZENE	N	49.8	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		107	% recovery	10			
D4-DICHLOROETHANE		106	% recovery	10			
D8-TOLUENE		97.8	% recovery	10			
4-BROMOFLUOROBENZENE		96.8	% recovery	10			

Run ID: R182259 / Work Group No.: WG153402

Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 23:09

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
<i>TARGET ANALYTES</i>						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBENZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3309-8
 Lab ID: L150951-10 (P152966-10)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3309-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.35	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		108	% recovery	1	1		
D8-NAPHTHALENE		108	% recovery	1	1		
D10-ACENAPHTHENE		108	% recovery	1	1		
D10-PHENANTHRENE		112	% recovery	1	1		
D12-CHRYSENE		107	% recovery	1	1		
D12-PERYLENE		112	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	50	% recovery	1			
D5-PHENOL	D	37	% recovery	1			
D5-NITROBENZENE	D	46	% recovery	1			
2-FLUOROBIPHENYL	D	56	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	48	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3309-8
 Lab ID: L150951-10 (P152966-10)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3309-8; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		99	% recovery	1		RL/ML	

Run ID: R182343 / Work Group No.: WG153513
 Prep Date1: 07-APR-09 Prep Date2: 13-APR-09 Analyzed 14-Apr-09 06:32

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC		1.30	mg/kg	.0963	0.963		
BARIUM		105	mg/kg	.0963	0.193		
BERYLLIUM		0.269	mg/kg	.0963	0.0482		
CADMIUM		0.112	mg/kg	.0963	0.0867		
COBALT		5.59	mg/kg	.0963	0.106		
CHROMIUM		39.5	mg/kg	.0963	0.193		
COPPER		7.93	mg/kg	.0963	0.385		
MOLYBDENUM	U	0.193	mg/kg	.0963	0.193		
NICKEL		19.4	mg/kg	.0963	0.289		
LEAD		3.81	mg/kg	.0963	0.674		
ANTIMONY	U	0.963	mg/kg	.0963	0.963		
SELENIUM	U	1.25	mg/kg	.0963	1.25		
THALLIUM	U	1.06	mg/kg	.0963	1.06		
VANADIUM		27.3	mg/kg	.0963	0.771		
ZINC		23.5	mg/kg	.0963	0.385		

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 11:19

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.038	mg/kg	1	0.02		
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.025	mg/kg	1	0.01		
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Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

RL is either the client requested or regulatory mandated Reporting Limit. ML is the regulatory mandated Minimum Level

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3409-8
 Lab ID: L150951-11 (P152966-11)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3409-8 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	E	3,400	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		88.1	% recovery	1			
Run ID: R181866 / Work Group No.: WG153430							
Prep Date1: 02-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 04:07							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	5.7	mg/kg	10	5.7		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		108	% recovery	10			
D5-CHLOROBENZENE		98.0	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		106	% recovery	10			
D4-DICHLOROETHANE		103	% recovery	10			
D8-TOLUENE		101	% recovery	10			
4-BROMOFLUOROBENZENE		99.6	% recovery	10			
Run ID: R182250 / Work Group No.: WG153403							
Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 23:48							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE	U	0.75	mg/kg	10	0.75		
ACROLEIN	U	0.68	mg/kg	10	0.68		
ACRYLONITRILE	U	0.50	mg/kg	10	0.5		
ALLYL CHLORIDE	U	0.40	mg/kg	10	0.4		
TERT-AMYL METHYL ETHER	U	0.22	mg/kg	10	0.22		
BENZENE	U	0.23	mg/kg	10	0.23		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.22	mg/kg	10	0.22		
BROMOBENZENE	U	0.15	mg/kg	10	0.15		
BROMOCHLOROMETHANE	U	0.30	mg/kg	10	0.3		
BROMODICHLOROMETHANE	U	0.21	mg/kg	10	0.21		
BROMOFORM	U	0.20	mg/kg	10	0.2		
BROMOMETHANE	U	1.2	mg/kg	10	1.2		
1,3-BUTADIENE	U	0.62	mg/kg	10	0.62		
TERT-BUTYL ALCOHOL	U	5.1	mg/kg	10	5.1		
N-BUTYLBENZENE	U	0.19	mg/kg	10	0.19		
SEC-BUTYLBENZENE	U	0.17	mg/kg	10	0.17		
TERT-BUTYLBENZENE	U	0.16	mg/kg	10	0.16		
CARBON DISULFIDE	U	0.32	mg/kg	10	0.32		
CARBON TETRACHLORIDE	U	0.25	mg/kg	10	0.25		
CHLOROACETONITRILE	U	0.29	mg/kg	10	0.29		
CHLOROBENZENE	U	0.22	mg/kg	10	0.22		
1-CHLOROBUTANE	U	0.25	mg/kg	10	0.25		
CHLOROETHANE	U	0.48	mg/kg	10	0.48		
2-CHLOROETHYLVINYL ETHER	U	0.58	mg/kg	10	0.58		
CHLOROFORM	U	0.24	mg/kg	10	0.24		
CHLOROMETHANE	U	0.53	mg/kg	10	0.53		
O-CHLOROTOLUENE	U	0.23	mg/kg	10	0.23		
P-CHLOROTOLUENE	U	0.18	mg/kg	10	0.18		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3409-8
 Lab ID: L150951-11 (P152966-11)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3409-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.43	mg/kg	10	0.43		
DIBROMOCHLOROPROPANE	U	0.32	mg/kg	10	0.32		
DIBROMOMETHANE	U	0.24	mg/kg	10	0.24		
1,2-DICHLOROBENZENE	U	0.19	mg/kg	10	0.19		
1,3-DICHLOROBENZENE	U	0.26	mg/kg	10	0.26		
1,4-DICHLOROBENZENE	U	0.28	mg/kg	10	0.28		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.26	mg/kg	10	0.26		
DICHLORODIFLUOROMETHANE	U	0.35	mg/kg	10	0.35		
1,1-DICHLOROETHANE	U	0.33	mg/kg	10	0.33		
1,2-DICHLOROETHANE	U	0.25	mg/kg	10	0.25		
1,1-DICHLOROETHENE	U	0.32	mg/kg	10	0.32		
CIS-1,2-DICHLOROETHENE	U	0.28	mg/kg	10	0.28		
TRANS-1,2-DICHLOROETHENE	U	0.25	mg/kg	10	0.25		
1,2-DICHLOROPROPANE	U	0.32	mg/kg	10	0.32		
1,3-DICHLOROPROPANE	U	0.22	mg/kg	10	0.22		
SEC-DICHLOROPROPANE	U	0.39	mg/kg	10	0.39		
1,1-DICHLORO-2-PROPANONE	U	0.36	mg/kg	10	0.36		
1,1-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
CIS-1,3-DICHLOROPROPENE	U	0.29	mg/kg	10	0.29		
TRANS-1,3-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
DIISOPROPYL ETHER	U	0.42	mg/kg	10	0.42		
ETHYL ACETATE	U	0.38	mg/kg	10	0.38		
ETHYL BENZENE	U	0.27	mg/kg	10	0.27		
ETHYL-T-BUTYL ETHER	U	0.28	mg/kg	10	0.28		
ETHYLENE DIBROMIDE	U	0.24	mg/kg	10	0.24		
ETHYL ETHER	U	0.50	mg/kg	10	0.5		
ETHYLMETHACRYLATE	U	0.26	mg/kg	10	0.26		
FLUOROTRICHLOROMETHANE	U	0.41	mg/kg	10	0.41		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.39	mg/kg	10	0.39		
HEXACHLOROBUTADIENE	U	0.34	mg/kg	10	0.34		
HEXACHLOROETHANE	U	0.20	mg/kg	10	0.2		
2-HEXANONE	U	0.39	mg/kg	10	0.39		
IODOMETHANE	U	0.93	mg/kg	10	0.93		
ISOPROPYLBENZENE	U	0.22	mg/kg	10	0.22		
P-ISOPROPYLTOLUENE	U	0.26	mg/kg	10	0.26		
METHYLACRYLATE	U	0.22	mg/kg	10	0.22		
METHYLACRYLONITRILE	U	0.29	mg/kg	10	0.29		
METHYL-T-BUTYL ETHER	U	0.50	mg/kg	10	0.5		
2-BUTANONE	U	0.64	mg/kg	10	0.64		
METHYLENE CHLORIDE		6.0	mg/kg	10	0.36		
4-METHYL-2-PENTANONE	U	0.17	mg/kg	10	0.17		
METHYLMETHACRYLATE	U	0.20	mg/kg	10	0.2		
NAPHTHALENE	U	0.52	mg/kg	10	0.52		
NITROBENZENE	U	0.61	mg/kg	10	0.61		
2-NITROPROPANE	U	0.43	mg/kg	10	0.43		
PENTACHLOROETHANE	U	1.5	mg/kg	10	1.5		
N-PROPYLBENZENE	U	0.18	mg/kg	10	0.18		
STYRENE	U	0.33	mg/kg	10	0.33		
1,1,1,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
1,1,2,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
TETRACHLOROETHENE	U	0.33	mg/kg	10	0.33		
TETRAHYDROFURAN	U	0.46	mg/kg	10	0.46		
TOLUENE	U	0.20	mg/kg	10	0.2		
1,2,3-TRICHLOROBENZENE	U	0.45	mg/kg	10	0.45		

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Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3409-8
 Lab ID: L150951-11 (P152966-11)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3409-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.39	mg/kg	10	0.39		
1,1,1-TRICHLOROETHANE	U	0.26	mg/kg	10	0.26		
1,1,2-TRICHLOROETHANE	U	0.24	mg/kg	10	0.24		
TRICHLOROETHENE	U	0.27	mg/kg	10	0.27		
1,2,3-TRICHLOROPROPANE	U	0.31	mg/kg	10	0.31		
1,2,4-TRIMETHYLBENZENE	U	0.17	mg/kg	10	0.17		
1,3,5-TRIMETHYLBENZENE	U	0.19	mg/kg	10	0.19		
VINYL ACETATE	U	0.53	mg/kg	10	0.53		
VINYL CHLORIDE	U	0.37	mg/kg	10	0.37		
O-XYLENE	U	0.23	mg/kg	10	0.23		
M+P XYLENES	U	0.29	mg/kg	10	0.29		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		86.2	% recovery	10			
D5-CHLOROBENZENE		77.2	% recovery	10			
D4-1,4-DICHLOROBENZENE		50.8	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		108	% recovery	10			
D4-DICHLOROETHANE		104	% recovery	10			
D8-TOLUENE		99.4	% recovery	10			
4-BROMOFLUOROBENZENE		95.4	% recovery	10			

Run ID: R182259 / Work Group No.: WG153402

Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 09-Apr-09 23:48

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
<i>TARGET ANALYTES</i>						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBEZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3409-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.61	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		105	% recovery	1	1		
D8-NAPHTHALENE		101	% recovery	1	1		
D10-ACENAPHTHENE		109	% recovery	1	1		
D10-PHENANTHRENE		112	% recovery	1	1		
D12-CHRYSENE		124	% recovery	1	1		
D12-PERYLENE		141	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL		67	% recovery	1			
D5-PHENOL	D	49	% recovery	1			
D5-NITROBENZENE		67	% recovery	1			
2-FLUOROBIPHENYL		71	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	28	% recovery	1			

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 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3409-8
 Lab ID: L150951-11 (P152966-11)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3409-8 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		88	% recovery	1		RL/ML	

Run ID: R182343 / Work Group No.: WG153513
 Prep Date1: 07-APR-09 Prep Date2: 13-APR-09 Analyzed 14-Apr-09 07:17

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC		1.78	mg/kg	.0673	0.673		
BARIUM		50.7	mg/kg	.0673	0.135		
BERYLLIUM		0.223	mg/kg	.0673	0.0336		
CADMIUM	U	0.0606	mg/kg	.0673	0.0606		
COBALT		5.66	mg/kg	.0673	0.074		
CHROMIUM		36.6	mg/kg	.0673	0.135		
COPPER		7.26	mg/kg	.0673	0.269		
MOLYBDENUM		0.566	mg/kg	.0673	0.135		
NICKEL		19.6	mg/kg	.0673	0.202		
LEAD		3.70	mg/kg	.0673	0.471		
ANTIMONY	U	0.673	mg/kg	.0673	0.673		
SELENIUM	U	0.875	mg/kg	.0673	0.875		
THALLIUM	U	0.740	mg/kg	.0673	0.74		
VANADIUM		26.4	mg/kg	.0673	0.538		
ZINC		19.5	mg/kg	.0673	0.269		

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 11:22

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.038	mg/kg	1	0.02		
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.021	mg/kg	1	0.01		
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Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

RL is either the client requested or regulatory mandated Reporting Limit. ML is the regulatory mandated Minimum Level

EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3509-8
 Lab ID: L150951-12 (P152966-12)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3509-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	T	52	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		76.8	% recovery	1			
Run ID: R181866 / Work Group No.: WG153430							
Prep Date1: 02-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 04:33							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	5.7	mg/kg	10	5.7		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		109	% recovery	10			
D5-CHLOROBENZENE		97.0	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		108	% recovery	10			
D4-DICHLOROETHANE		106	% recovery	10			
D8-TOLUENE		98.4	% recovery	10			
4-BROMOFLUOROBENZENE		99.6	% recovery	10			
Run ID: R182250 / Work Group No.: WG153403							
Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 00:27							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE	U	0.75	mg/kg	10	0.75		
ACROLEIN	U	0.68	mg/kg	10	0.68		
ACRYLONITRILE	U	0.50	mg/kg	10	0.5		
ALLYL CHLORIDE	U	0.40	mg/kg	10	0.4		
TERT-AMYL METHYL ETHER	U	0.22	mg/kg	10	0.22		
BENZENE	U	0.23	mg/kg	10	0.23		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.22	mg/kg	10	0.22		
BROMOBENZENE	U	0.15	mg/kg	10	0.15		
BROMOCHLOROMETHANE	U	0.30	mg/kg	10	0.3		
BROMODICHLOROMETHANE	U	0.21	mg/kg	10	0.21		
BROMOFORM	U	0.20	mg/kg	10	0.2		
BROMOMETHANE	U	1.2	mg/kg	10	1.2		
1,3-BUTADIENE	U	0.62	mg/kg	10	0.62		
TERT-BUTYL ALCOHOL	U	5.1	mg/kg	10	5.1		
N-BUTYLBENZENE	U	0.19	mg/kg	10	0.19		
SEC-BUTYLBENZENE	U	0.17	mg/kg	10	0.17		
TERT-BUTYLBENZENE	U	0.16	mg/kg	10	0.16		
CARBON DISULFIDE	U	0.32	mg/kg	10	0.32		
CARBON TETRACHLORIDE	U	0.25	mg/kg	10	0.25		
CHLOROACETONITRILE	U	0.29	mg/kg	10	0.29		
CHLOROBENZENE	U	0.22	mg/kg	10	0.22		
1-CHLOROBUTANE	U	0.25	mg/kg	10	0.25		
CHLOROETHANE	U	0.48	mg/kg	10	0.48		
2-CHLOROETHYLVINYL ETHER	U	0.58	mg/kg	10	0.58		
CHLOROFORM	U	0.24	mg/kg	10	0.24		
CHLOROMETHANE	U	0.53	mg/kg	10	0.53		
O-CHLOROTOLUENE	U	0.23	mg/kg	10	0.23		
P-CHLOROTOLUENE	U	0.18	mg/kg	10	0.18		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3509-8
 Lab ID: L150951-12 (P152966-12)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3509-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.43	mg/kg	10	0.43		
DIBROMOCHLOROPROPANE	U	0.32	mg/kg	10	0.32		
DIBROMOMETHANE	U	0.24	mg/kg	10	0.24		
1,2-DICHLOROBENZENE	U	0.19	mg/kg	10	0.19		
1,3-DICHLOROBENZENE	U	0.26	mg/kg	10	0.26		
1,4-DICHLOROBENZENE	U	0.28	mg/kg	10	0.28		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.26	mg/kg	10	0.26		
DICHLORODIFLUOROMETHANE	U	0.35	mg/kg	10	0.35		
1,1-DICHLOROETHANE	U	0.33	mg/kg	10	0.33		
1,2-DICHLOROETHANE	U	0.25	mg/kg	10	0.25		
1,1-DICHLOROETHENE	U	0.32	mg/kg	10	0.32		
CIS-1,2-DICHLOROETHENE	U	0.28	mg/kg	10	0.28		
TRANS-1,2-DICHLOROETHENE	U	0.25	mg/kg	10	0.25		
1,2-DICHLOROPROPANE	U	0.32	mg/kg	10	0.32		
1,3-DICHLOROPROPANE	U	0.22	mg/kg	10	0.22		
SEC-DICHLOROPROPANE	U	0.39	mg/kg	10	0.39		
1,1-DICHLORO-2-PROPANONE	U	0.36	mg/kg	10	0.36		
1,1-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
CIS-1,3-DICHLOROPROPENE	U	0.29	mg/kg	10	0.29		
TRANS-1,3-DICHLOROPROPENE	U	0.22	mg/kg	10	0.22		
DIISOPROPYL ETHER	U	0.42	mg/kg	10	0.42		
ETHYL ACETATE	U	0.38	mg/kg	10	0.38		
ETHYL BENZENE	U	0.27	mg/kg	10	0.27		
ETHYL-T-BUTYL ETHER	U	0.28	mg/kg	10	0.28		
ETHYLENE DIBROMIDE	U	0.24	mg/kg	10	0.24		
ETHYL ETHER	U	0.50	mg/kg	10	0.5		
ETHYLMETHACRYLATE	U	0.26	mg/kg	10	0.26		
FLUOROTRICHLOROMETHANE	U	0.41	mg/kg	10	0.41		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.39	mg/kg	10	0.39		
HEXACHLOROBUTADIENE	U	0.34	mg/kg	10	0.34		
HEXACHLOROETHANE	U	0.20	mg/kg	10	0.2		
2-HEXANONE	U	0.39	mg/kg	10	0.39		
IODOMETHANE	U	0.93	mg/kg	10	0.93		
ISOPROPYLBENZENE	U	0.22	mg/kg	10	0.22		
P-ISOPROPYLTOLUENE	U	0.26	mg/kg	10	0.26		
METHYLACRYLATE	U	0.22	mg/kg	10	0.22		
METHYLACRYLONITRILE	U	0.29	mg/kg	10	0.29		
METHYL-T-BUTYL ETHER	U	0.50	mg/kg	10	0.5		
2-BUTANONE	U	0.64	mg/kg	10	0.64		
METHYLENE CHLORIDE		9.8	mg/kg	10	0.36		
4-METHYL-2-PENTANONE	U	0.17	mg/kg	10	0.17		
METHYLMETHACRYLATE	U	0.20	mg/kg	10	0.2		
NAPHTHALENE	U	0.52	mg/kg	10	0.52		
NITROBENZENE	U	0.61	mg/kg	10	0.61		
2-NITROPROPANE	U	0.43	mg/kg	10	0.43		
PENTACHLOROETHANE	U	1.5	mg/kg	10	1.5		
N-PROPYLBENZENE	U	0.18	mg/kg	10	0.18		
STYRENE	U	0.33	mg/kg	10	0.33		
1,1,1,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
1,1,2,2-TETRACHLOROETHANE	U	0.23	mg/kg	10	0.23		
TETRACHLOROETHENE	U	0.33	mg/kg	10	0.33		
TETRAHYDROFURAN	U	0.46	mg/kg	10	0.46		
TOLUENE	U	0.20	mg/kg	10	0.2		
1,2,3-TRICHLOROBENZENE	U	0.45	mg/kg	10	0.45		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3509-8
 Lab ID: L150951-12 (P152966-12)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3509-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.39	mg/kg	10	0.39		
1,1,1-TRICHLOROETHANE	U	0.26	mg/kg	10	0.26		
1,1,2-TRICHLOROETHANE	U	0.24	mg/kg	10	0.24		
TRICHLOROETHENE	U	0.27	mg/kg	10	0.27		
1,2,3-TRICHLOROPROPANE	U	0.31	mg/kg	10	0.31		
1,2,4-TRIMETHYLBENZENE	U	0.17	mg/kg	10	0.17		
1,3,5-TRIMETHYLBENZENE	U	0.19	mg/kg	10	0.19		
VINYL ACETATE	U	0.53	mg/kg	10	0.53		
VINYL CHLORIDE	U	0.37	mg/kg	10	0.37		
O-XYLENE	U	0.23	mg/kg	10	0.23		
M+P XYLENES	U	0.29	mg/kg	10	0.29		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		86.0	% recovery	10			
D5-CHLOROBENZENE		76.6	% recovery	10			
D4-1,4-DICHLOROBENZENE	N	47.2	% recovery	10			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		111	% recovery	10			
D4-DICHLOROETHANE		107	% recovery	10			
D8-TOLUENE		98.0	% recovery	10			
4-BROMOFLUOROBENZENE		94.8	% recovery	10			

Run ID: R182259 / Work Group No.: WG153402

Prep Date1: 06-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 00:27

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
<i>TARGET ANALYTES</i>						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBENZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3509-8
 Lab ID: L150951-12 (P152966-12)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3509-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.35	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		106	% recovery	1	1		
D8-NAPHTHALENE		105	% recovery	1	1		
D10-ACENAPHTHENE		107	% recovery	1	1		
D10-PHENANTHRENE		108	% recovery	1	1		
D12-CHRYSENE		106	% recovery	1	1		
D12-PERYLENE		114	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	50	% recovery	1			
D5-PHENOL	D	46	% recovery	1			
D5-NITROBENZENE	D	50	% recovery	1			
2-FLUOROBIPHENYL	D	59	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	53	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3509-8
 Lab ID: L150951-12 (P152966-12)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3509-8; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		86	% recovery	1		RL/ML	

Run ID: R182343 / Work Group No.: WG153513
 Prep Date1: 07-APR-09 Prep Date2: 13-APR-09 Analyzed 14-Apr-09 08:01

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC		7.82	mg/kg	.0912	0.912
BARIUM		154	mg/kg	.0912	0.182
BERYLLIUM		0.363	mg/kg	.0912	0.0456
CADMIUM		0.248	mg/kg	.0912	0.0821
COBALT		5.50	mg/kg	.0912	0.1
CHROMIUM		32.2	mg/kg	.0912	0.182
COPPER		8.64	mg/kg	.0912	0.365
MOLYBDENUM		0.439	mg/kg	.0912	0.182
NICKEL		28.2	mg/kg	.0912	0.274
LEAD		3.36	mg/kg	.0912	0.639
ANTIMONY	U	0.912	mg/kg	.0912	0.912
SELENIUM	U	1.19	mg/kg	.0912	1.19
THALLIUM	U	1.00	mg/kg	.0912	1
VANADIUM		30.2	mg/kg	.0912	0.73
ZINC		26.5	mg/kg	.0912	0.365

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 11:25

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.032	mg/kg	1	0.02
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.061	mg/kg	1	0.01
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Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

RL is either the client requested or regulatory mandated Reporting Limit. ML is the regulatory mandated Minimum Level

EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3609-8
 Lab ID: L150951-13 (P152966-13)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 12:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3609-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	T	32	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		71.4	% recovery	1			
Run ID: R181744 / Work Group No.: WG153431							
Prep Date1: 03-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 06:17							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	0.57	mg/kg	1	0.57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		109	% recovery	1			
D5-CHLOROBENZENE		109	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		114	% recovery	1			
D4-DICHLOROETHANE		107	% recovery	1			
D8-TOLUENE		99.2	% recovery	1			
4-BROMOFLUOROBENZENE		86.0	% recovery	1			
Run ID: R182219 / Work Group No.: WG153313							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 10:46							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE		0.19	mg/kg	1	0.075		
ACROLEIN	U	0.068	mg/kg	1	0.068		
ACRYLONITRILE	U	0.050	mg/kg	1	0.05		
ALLYL CHLORIDE	U	0.040	mg/kg	1	0.04		
TERT-AMYL METHYL ETHER	U	0.022	mg/kg	1	0.022		
BENZENE	U	0.023	mg/kg	1	0.023		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.022	mg/kg	1	0.022		
BROMOBENZENE	U	0.015	mg/kg	1	0.015		
BROMOCHLOROMETHANE	U	0.030	mg/kg	1	0.03		
BROMODICHLOROMETHANE	U	0.021	mg/kg	1	0.021		
BROMOFORM	U	0.020	mg/kg	1	0.02		
BROMOMETHANE	U,N	0.12	mg/kg	1	0.12		
1,3-BUTADIENE	U	0.062	mg/kg	1	0.062		
TERT-BUTYL ALCOHOL	U	0.51	mg/kg	1	0.51		
N-BUTYLBENZENE	U	0.019	mg/kg	1	0.019		
SEC-BUTYLBENZENE	U	0.017	mg/kg	1	0.017		
TERT-BUTYLBENZENE	U	0.016	mg/kg	1	0.016		
CARBON DISULFIDE		0.075	mg/kg	1	0.032		
CARBON TETRACHLORIDE	U	0.025	mg/kg	1	0.025		
CHLOROACETONITRILE	U	0.029	mg/kg	1	0.029		
CHLOROBENZENE	U	0.022	mg/kg	1	0.022		
1-CHLOROBUTANE	U,N	0.025	mg/kg	1	0.025		
CHLOROETHANE	U,N	0.048	mg/kg	1	0.048		
2-CHLOROETHYLVINYL ETHER	U,N,*	0.058	mg/kg	1	0.058		
CHLOROFORM	U	0.024	mg/kg	1	0.024		
CHLOROMETHANE	U,N,*	0.053	mg/kg	1	0.053		
O-CHLOROTOLUENE	U	0.023	mg/kg	1	0.023		
P-CHLOROTOLUENE	U	0.018	mg/kg	1	0.018		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3609-8
 Lab ID: L150951-13 (P152966-13)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 12:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3609-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.043	mg/kg	1	0.043		
DIBROMOCHLOROPROPANE	U	0.032	mg/kg	1	0.032		
DIBROMOMETHANE	U	0.024	mg/kg	1	0.024		
1,2-DICHLOROBENZENE	U	0.019	mg/kg	1	0.019		
1,3-DICHLOROBENZENE	U	0.026	mg/kg	1	0.026		
1,4-DICHLOROBENZENE	U	0.028	mg/kg	1	0.028		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.026	mg/kg	1	0.026		
DICHLORODIFLUOROMETHANE	U,N,*	0.035	mg/kg	1	0.035		
1,1-DICHLOROETHANE	U	0.033	mg/kg	1	0.033		
1,2-DICHLOROETHANE	U	0.025	mg/kg	1	0.025		
1,1-DICHLOROETHENE	U	0.032	mg/kg	1	0.032		
CIS-1,2-DICHLOROETHENE	U	0.028	mg/kg	1	0.028		
TRANS-1,2-DICHLOROETHENE	U	0.025	mg/kg	1	0.025		
1,2-DICHLOROPROPANE	U	0.032	mg/kg	1	0.032		
1,3-DICHLOROPROPANE	U,N,*	0.022	mg/kg	1	0.022		
SEC-DICHLOROPROPANE	U	0.039	mg/kg	1	0.039		
1,1-DICHLORO-2-PROPANONE	U	0.036	mg/kg	1	0.036		
1,1-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
CIS-1,3-DICHLOROPROPENE	U	0.029	mg/kg	1	0.029		
TRANS-1,3-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
DIISOPROPYL ETHER	U	0.042	mg/kg	1	0.042		
ETHYL ACETATE	U	0.038	mg/kg	1	0.038		
ETHYL BENZENE	U	0.027	mg/kg	1	0.027		
ETHYL-T-BUTYL ETHER	U	0.028	mg/kg	1	0.028		
ETHYLENE DIBROMIDE	U	0.024	mg/kg	1	0.024		
ETHYL ETHER	U	0.050	mg/kg	1	0.05		
ETHYLMETHACRYLATE	U,N	0.026	mg/kg	1	0.026		
FLUOROTRICHLOROMETHANE	U,N	0.041	mg/kg	1	0.041		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBUTADIENE	U	0.034	mg/kg	1	0.034		
HEXACHLOROETHANE	U	0.020	mg/kg	1	0.02		
2-HEXANONE	U	0.039	mg/kg	1	0.039		
IODOMETHANE	U	0.093	mg/kg	1	0.093		
ISOPROPYLBENZENE	U	0.022	mg/kg	1	0.022		
P-ISOPROPYLTOLUENE	U	0.026	mg/kg	1	0.026		
METHYLACRYLATE	U	0.022	mg/kg	1	0.022		
METHYLACRYLONITRILE	U	0.029	mg/kg	1	0.029		
METHYL-T-BUTYL ETHER	U,N,*	0.050	mg/kg	1	0.05		
2-BUTANONE	U	0.064	mg/kg	1	0.064		
METHYLENE CHLORIDE	N	3.1	mg/kg	1	0.036		
4-METHYL-2-PENTANONE	U	0.017	mg/kg	1	0.017		
METHYLMETHACRYLATE	U	0.020	mg/kg	1	0.02		
NAPHTHALENE	U	0.052	mg/kg	1	0.052		
NITROBENZENE	U,N	0.061	mg/kg	1	0.061		
2-NITROPROPANE	U	0.043	mg/kg	1	0.043		
PENTACHLOROETHANE	U	0.15	mg/kg	1	0.15		
N-PROPYLBENZENE	U	0.018	mg/kg	1	0.018		
STYRENE	U	0.033	mg/kg	1	0.033		
1,1,1,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
1,1,2,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
TETRACHLOROETHENE	U	0.033	mg/kg	1	0.033		
TETRAHYDROFURAN	U	0.046	mg/kg	1	0.046		
TOLUENE	U	0.020	mg/kg	1	0.02		
1,2,3-TRICHLOROBENZENE	U	0.045	mg/kg	1	0.045		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3609-8
 Lab ID: L150951-13 (P152966-13)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 12:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3609-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.039	mg/kg	1	0.039		
1,1,1-TRICHLOROETHANE	U	0.026	mg/kg	1	0.026		
1,1,2-TRICHLOROETHANE	U	0.024	mg/kg	1	0.024		
TRICHLOROETHENE	U	0.027	mg/kg	1	0.027		
1,2,3-TRICHLOROPROPANE	U	0.031	mg/kg	1	0.031		
1,2,4-TRIMETHYLBENZENE	U	0.017	mg/kg	1	0.017		
1,3,5-TRIMETHYLBENZENE	U	0.019	mg/kg	1	0.019		
VINYL ACETATE	U	0.053	mg/kg	1	0.053		
VINYL CHLORIDE	U,N	0.037	mg/kg	1	0.037		
O-XYLENE	U	0.023	mg/kg	1	0.023		
M+P XYLENES	U	0.029	mg/kg	1	0.029		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		86.8	% recovery	1			
D5-CHLOROBENZENE		85.6	% recovery	1			
D4-1,4-DICHLOROBENZENE	N	29.8	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		117	% recovery	1			
D4-DICHLOROETHANE		109	% recovery	1			
D8-TOLUENE		99.2	% recovery	1			
4-BROMOFLUOROBENZENE		82.0	% recovery	1			
Run ID: R182207 / Work Group No.: WG153312							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 10:46							

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
TARGET ANALYTES						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBEZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3609-8
 Lab ID: L150951-13 (P152966-13)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 12:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3609-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.74	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		105	% recovery	1	1		
D8-NAPHTHALENE		111	% recovery	1	1		
D10-ACENAPHTHENE		104	% recovery	1	1		
D10-PHENANTHRENE		107	% recovery	1	1		
D12-CHRYSENE		104	% recovery	1	1		
D12-PERYLENE		104	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	53	% recovery	1			
D5-PHENOL	D	51	% recovery	1			
D5-NITROBENZENE	D	56	% recovery	1			
2-FLUOROBIPHENYL	D	58	% recovery	1			
2,4,6-TRIBROMOPHENOL		59	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3609-8
 Lab ID: L150951-13 (P152966-13)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 12:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3609-8; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		88	% recovery	1		RL/ML	

Run ID: R182200 / Work Group No.: WG153325
 Prep Date1: 06-APR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 06:24

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC		1.21	mg/kg	.0898	0.898
BARIUM		84.1	mg/kg	.0898	0.18
BERYLLIUM		0.223	mg/kg	.0898	0.0449
CADMIUM		0.184	mg/kg	.0898	0.0808
COBALT		6.28	mg/kg	.0898	0.0987
CHROMIUM		34.9	mg/kg	.0898	0.18
COPPER		7.85	mg/kg	.0898	0.359
MOLYBDENUM	U	0.180	mg/kg	.0898	0.18
NICKEL		19.2	mg/kg	.0898	0.269
LEAD		14.2	mg/kg	.0898	0.628
ANTIMONY	U	0.898	mg/kg	.0898	0.898
SELENIUM	U	1.17	mg/kg	.0898	1.17
THALLIUM	U	0.987	mg/kg	.0898	0.987
VANADIUM		24.4	mg/kg	.0898	0.718
ZINC		27.2	mg/kg	.0898	0.359

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 11:28

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.055	mg/kg	1	0.02
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.031	mg/kg	1	0.01
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Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3709-8
 Lab ID: L150951-14 (P152966-14)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3709-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	U	18	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		69.0	% recovery	1			
Run ID: R181744 / Work Group No.: WG153431							
Prep Date1: 03-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 06:42							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	0.57	mg/kg	1	0.57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		109	% recovery	1			
D5-CHLOROBENZENE		107	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		102	% recovery	1			
D4-DICHLOROETHANE		94.8	% recovery	1			
D8-TOLUENE		99.6	% recovery	1			
4-BROMOFLUOROBENZENE		89.6	% recovery	1			
Run ID: R182219 / Work Group No.: WG153313							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 11:26							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE		0.22	mg/kg	1	0.075		
ACROLEIN	U	0.068	mg/kg	1	0.068		
ACRYLONITRILE	U	0.050	mg/kg	1	0.05		
ALLYL CHLORIDE	U	0.040	mg/kg	1	0.04		
TERT-AMYL METHYL ETHER	U	0.022	mg/kg	1	0.022		
BENZENE	U	0.023	mg/kg	1	0.023		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.022	mg/kg	1	0.022		
BROMOBENZENE	U	0.015	mg/kg	1	0.015		
BROMOCHLOROMETHANE	U	0.030	mg/kg	1	0.03		
BROMODICHLOROMETHANE	U	0.021	mg/kg	1	0.021		
BROMOFORM	U	0.020	mg/kg	1	0.02		
BROMOMETHANE	U	0.12	mg/kg	1	0.12		
1,3-BUTADIENE	U	0.062	mg/kg	1	0.062		
TERT-BUTYL ALCOHOL	U	0.51	mg/kg	1	0.51		
N-BUTYLBENZENE	U	0.019	mg/kg	1	0.019		
SEC-BUTYLBENZENE	U	0.017	mg/kg	1	0.017		
TERT-BUTYLBENZENE	U	0.016	mg/kg	1	0.016		
CARBON DISULFIDE	U	0.032	mg/kg	1	0.032		
CARBON TETRACHLORIDE	U	0.025	mg/kg	1	0.025		
CHLOROACETONITRILE	U	0.029	mg/kg	1	0.029		
CHLOROBENZENE	U	0.022	mg/kg	1	0.022		
1-CHLOROBUTANE	U	0.025	mg/kg	1	0.025		
CHLOROETHANE	U	0.048	mg/kg	1	0.048		
2-CHLOROETHYLVINYL ETHER	U	0.058	mg/kg	1	0.058		
CHLOROFORM	U	0.024	mg/kg	1	0.024		
CHLOROMETHANE	U	0.053	mg/kg	1	0.053		
O-CHLOROTOLUENE	U	0.023	mg/kg	1	0.023		
P-CHLOROTOLUENE	U	0.018	mg/kg	1	0.018		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3709-8
 Lab ID: L150951-14 (P152966-14)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3709-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.043	mg/kg	1	0.043		
DIBROMOCHLOROPROPANE	U	0.032	mg/kg	1	0.032		
DIBROMOMETHANE	U	0.024	mg/kg	1	0.024		
1,2-DICHLOROBENZENE	U	0.019	mg/kg	1	0.019		
1,3-DICHLOROBENZENE	U	0.026	mg/kg	1	0.026		
1,4-DICHLOROBENZENE	U	0.028	mg/kg	1	0.028		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.026	mg/kg	1	0.026		
DICHLORODIFLUOROMETHANE	U	0.035	mg/kg	1	0.035		
1,1-DICHLOROETHANE	U	0.033	mg/kg	1	0.033		
1,2-DICHLOROETHANE	U	0.025	mg/kg	1	0.025		
1,1-DICHLOROETHENE	U	0.032	mg/kg	1	0.032		
CIS-1,2-DICHLOROETHENE	U	0.028	mg/kg	1	0.028		
TRANS-1,2-DICHLOROETHENE	U	0.025	mg/kg	1	0.025		
1,2-DICHLOROPROPANE	U	0.032	mg/kg	1	0.032		
1,3-DICHLOROPROPANE	U	0.022	mg/kg	1	0.022		
SEC-DICHLOROPROPANE	U	0.039	mg/kg	1	0.039		
1,1-DICHLORO-2-PROPANONE	U	0.036	mg/kg	1	0.036		
1,1-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
CIS-1,3-DICHLOROPROPENE	U	0.029	mg/kg	1	0.029		
TRANS-1,3-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
DIISOPROPYL ETHER	U	0.042	mg/kg	1	0.042		
ETHYL ACETATE	U	0.038	mg/kg	1	0.038		
ETHYL BENZENE	U	0.027	mg/kg	1	0.027		
ETHYL-T-BUTYL ETHER	U	0.028	mg/kg	1	0.028		
ETHYLENE DIBROMIDE	U	0.024	mg/kg	1	0.024		
ETHYL ETHER	U	0.050	mg/kg	1	0.05		
ETHYLMETHACRYLATE	U	0.026	mg/kg	1	0.026		
FLUOROTRICHLOROMETHANE	U	0.041	mg/kg	1	0.041		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBUTADIENE	U	0.034	mg/kg	1	0.034		
HEXACHLOROETHANE	U	0.020	mg/kg	1	0.02		
2-HEXANONE	U	0.039	mg/kg	1	0.039		
IODOMETHANE	U	0.093	mg/kg	1	0.093		
ISOPROPYLBENZENE	U	0.022	mg/kg	1	0.022		
P-ISOPROPYLTOLUENE	U	0.026	mg/kg	1	0.026		
METHYLACRYLATE	U	0.022	mg/kg	1	0.022		
METHYLACRYLONITRILE	U	0.029	mg/kg	1	0.029		
METHYL-T-BUTYL ETHER	U	0.050	mg/kg	1	0.05		
2-BUTANONE	U	0.064	mg/kg	1	0.064		
METHYLENE CHLORIDE		5.0	mg/kg	1	0.036		
4-METHYL-2-PENTANONE	U	0.017	mg/kg	1	0.017		
METHYLMETHACRYLATE	U	0.020	mg/kg	1	0.02		
NAPHTHALENE	U	0.052	mg/kg	1	0.052		
NITROBENZENE	U	0.061	mg/kg	1	0.061		
2-NITROPROPANE	U	0.043	mg/kg	1	0.043		
PENTACHLOROETHANE	U	0.15	mg/kg	1	0.15		
N-PROPYLBENZENE	U	0.018	mg/kg	1	0.018		
STYRENE	U	0.033	mg/kg	1	0.033		
1,1,1,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
1,1,2,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
TETRACHLOROETHENE	U	0.033	mg/kg	1	0.033		
TETRAHYDROFURAN	U	0.046	mg/kg	1	0.046		
TOLUENE	U	0.020	mg/kg	1	0.02		
1,2,3-TRICHLOROBENZENE	U	0.045	mg/kg	1	0.045		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3709-8
 Lab ID: L150951-14 (P152966-14)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3709-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.039	mg/kg	1	0.039		
1,1,1-TRICHLOROETHANE	U	0.026	mg/kg	1	0.026		
1,1,2-TRICHLOROETHANE	U	0.024	mg/kg	1	0.024		
TRICHLOROETHENE	U	0.027	mg/kg	1	0.027		
1,2,3-TRICHLOROPROPANE	U	0.031	mg/kg	1	0.031		
1,2,4-TRIMETHYLBENZENE	U	0.017	mg/kg	1	0.017		
1,3,5-TRIMETHYLBENZENE	U	0.019	mg/kg	1	0.019		
VINYL ACETATE	U	0.053	mg/kg	1	0.053		
VINYL CHLORIDE	U	0.037	mg/kg	1	0.037		
O-XYLENE	U	0.023	mg/kg	1	0.023		
M+P XYLENES	U	0.029	mg/kg	1	0.029		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		86.6	% recovery	1			
D5-CHLOROBENZENE		84.4	% recovery	1			
D4-1,4-DICHLOROBENZENE	N	35.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		103	% recovery	1			
D4-DICHLOROETHANE		95.6	% recovery	1			
D8-TOLUENE		99.0	% recovery	1			
4-BROMOFLUOROBENZENE		85.2	% recovery	1			
Run ID: R182207 / Work Group No.: WG153312							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 11:26							

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
TARGET ANALYTES						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBEZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3709-8
 Lab ID: L150951-14 (P152966-14)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3709-8 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.26	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		102	% recovery	1	1		
D8-NAPHTHALENE		109	% recovery	1	1		
D10-ACENAPHTHENE		101	% recovery	1	1		
D10-PHENANTHRENE		99.7	% recovery	1	1		
D12-CHRYSENE		98.2	% recovery	1	1		
D12-PERYLENE		99.2	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	52	% recovery	1			
D5-PHENOL	D	50	% recovery	1			
D5-NITROBENZENE	D	59	% recovery	1			
2-FLUOROBIPHENYL	D	59	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	47	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3709-8
 Lab ID: L150951-14 (P152966-14)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:00pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3709-8 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		85	% recovery	1		RL/ML	
Run ID: R182200 / Work Group No.: WG153325							
Prep Date1: 06-APR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 07:08							

Method: EPA 6010B - ICP Metals	Soil						
TARGET ANALYTES							
ARSENIC		5.24	mg/kg	.0998		0.998	
BARIUM		258	mg/kg	.0998		0.2	
BERYLLIUM		0.563	mg/kg	.0998		0.0499	
CADMIUM		0.234	mg/kg	.0998		0.0898	
COBALT		9.68	mg/kg	.0998		0.11	
CHROMIUM		45.5	mg/kg	.0998		0.2	
COPPER		14.7	mg/kg	.0998		0.399	
MOLYBDENUM	U	0.200	mg/kg	.0998		0.2	
NICKEL		55.6	mg/kg	.0998		0.299	
LEAD		4.20	mg/kg	.0998		0.699	
ANTIMONY	U	0.998	mg/kg	.0998		0.998	
SELENIUM	U	1.30	mg/kg	.0998		1.3	
THALLIUM	U	1.10	mg/kg	.0998		1.1	
VANADIUM		41.2	mg/kg	.0998		0.798	
ZINC		40.0	mg/kg	.0998		0.399	
Run ID: R182072 / Work Group No.: WG153563							
Prep Date1: 16-APR-09 Analyzed 16-Apr-09 11:32							

Method: EPA 7471 - Mercury: Cold Vapor	Soil						
TARGET ANALYTES							
MERCURY		0.043	mg/kg	1		0.02	
Run ID: R181530 / Work Group No.: WG153272							
Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08							

Method: EPA 7761 - Silver: Graphite Furnace	Soil						
TARGET ANALYTES							
SILVER		0.16	mg/kg	1		0.01	
Run ID: R182102 / Work Group No.: WG153558							
Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3809-8
 Lab ID: L150951-15 (P152966-15)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3809-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	U	18	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		71.3	% recovery	1			
Run ID: R181744 / Work Group No.: WG153431							
Prep Date1: 03-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 07:08							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	0.57	mg/kg	1	0.57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		112	% recovery	1			
D5-CHLOROBENZENE		104	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		101	% recovery	1			
D4-DICHLOROETHANE		95.8	% recovery	1			
D8-TOLUENE		98.8	% recovery	1			
4-BROMOFLUOROBENZENE		90.4	% recovery	1			
Run ID: R182219 / Work Group No.: WG153313							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 12:06							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE		0.15	mg/kg	1	0.075		
ACROLEIN	U	0.068	mg/kg	1	0.068		
ACRYLONITRILE	U	0.050	mg/kg	1	0.05		
ALLYL CHLORIDE	U	0.040	mg/kg	1	0.04		
TERT-AMYL METHYL ETHER	U	0.022	mg/kg	1	0.022		
BENZENE	U	0.023	mg/kg	1	0.023		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.022	mg/kg	1	0.022		
BROMOBENZENE	U	0.015	mg/kg	1	0.015		
BROMOCHLOROMETHANE	U	0.030	mg/kg	1	0.03		
BROMODICHLOROMETHANE	U	0.021	mg/kg	1	0.021		
BROMOFORM	U	0.020	mg/kg	1	0.02		
BROMOMETHANE	U	0.12	mg/kg	1	0.12		
1,3-BUTADIENE	U	0.062	mg/kg	1	0.062		
TERT-BUTYL ALCOHOL	U	0.51	mg/kg	1	0.51		
N-BUTYLBENZENE	U	0.019	mg/kg	1	0.019		
SEC-BUTYLBENZENE	U	0.017	mg/kg	1	0.017		
TERT-BUTYLBENZENE	U	0.016	mg/kg	1	0.016		
CARBON DISULFIDE		0.097	mg/kg	1	0.032		
CARBON TETRACHLORIDE	U	0.025	mg/kg	1	0.025		
CHLOROACETONITRILE	U	0.029	mg/kg	1	0.029		
CHLOROBENZENE	U	0.022	mg/kg	1	0.022		
1-CHLOROBUTANE	U	0.025	mg/kg	1	0.025		
CHLOROETHANE	U	0.048	mg/kg	1	0.048		
2-CHLOROETHYLVINYL ETHER	U	0.058	mg/kg	1	0.058		
CHLOROFORM	U	0.024	mg/kg	1	0.024		
CHLOROMETHANE	U	0.053	mg/kg	1	0.053		
O-CHLOROTOLUENE	U	0.023	mg/kg	1	0.023		
P-CHLOROTOLUENE	U	0.018	mg/kg	1	0.018		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3809-8
 Lab ID: L150951-15 (P152966-15)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3809-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.043	mg/kg	1	0.043		
DIBROMOCHLOROPROPANE	U	0.032	mg/kg	1	0.032		
DIBROMOMETHANE	U	0.024	mg/kg	1	0.024		
1,2-DICHLOROBENZENE	U	0.019	mg/kg	1	0.019		
1,3-DICHLOROBENZENE	U	0.026	mg/kg	1	0.026		
1,4-DICHLOROBENZENE	U	0.028	mg/kg	1	0.028		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.026	mg/kg	1	0.026		
DICHLORODIFLUOROMETHANE	U	0.035	mg/kg	1	0.035		
1,1-DICHLOROETHANE	U	0.033	mg/kg	1	0.033		
1,2-DICHLOROETHANE	U	0.025	mg/kg	1	0.025		
1,1-DICHLOROETHENE	U	0.032	mg/kg	1	0.032		
CIS-1,2-DICHLOROETHENE	U	0.028	mg/kg	1	0.028		
TRANS-1,2-DICHLOROETHENE	U	0.025	mg/kg	1	0.025		
1,2-DICHLOROPROPANE	U	0.032	mg/kg	1	0.032		
1,3-DICHLOROPROPANE	U	0.022	mg/kg	1	0.022		
SEC-DICHLOROPROPANE	U	0.039	mg/kg	1	0.039		
1,1-DICHLORO-2-PROPANONE	U	0.036	mg/kg	1	0.036		
1,1-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
CIS-1,3-DICHLOROPROPENE	U	0.029	mg/kg	1	0.029		
TRANS-1,3-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
DIISOPROPYL ETHER	U	0.042	mg/kg	1	0.042		
ETHYL ACETATE	U	0.038	mg/kg	1	0.038		
ETHYL BENZENE	U	0.027	mg/kg	1	0.027		
ETHYL-T-BUTYL ETHER	U	0.028	mg/kg	1	0.028		
ETHYLENE DIBROMIDE	U	0.024	mg/kg	1	0.024		
ETHYL ETHER	U	0.050	mg/kg	1	0.05		
ETHYLMETHACRYLATE	U	0.026	mg/kg	1	0.026		
FLUOROTRICHLOROMETHANE	U	0.041	mg/kg	1	0.041		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBUTADIENE	U	0.034	mg/kg	1	0.034		
HEXACHLOROETHANE	U	0.020	mg/kg	1	0.02		
2-HEXANONE	U	0.039	mg/kg	1	0.039		
IODOMETHANE	U	0.093	mg/kg	1	0.093		
ISOPROPYLBENZENE	U	0.022	mg/kg	1	0.022		
P-ISOPROPYLTOLUENE	U	0.026	mg/kg	1	0.026		
METHYLACRYLATE	U	0.022	mg/kg	1	0.022		
METHYLACRYLONITRILE	U	0.029	mg/kg	1	0.029		
METHYL-T-BUTYL ETHER	U	0.050	mg/kg	1	0.05		
2-BUTANONE	U	0.064	mg/kg	1	0.064		
METHYLENE CHLORIDE		3.0	mg/kg	1	0.036		
4-METHYL-2-PENTANONE	U	0.017	mg/kg	1	0.017		
METHYLMETHACRYLATE	U	0.020	mg/kg	1	0.02		
NAPHTHALENE	U	0.052	mg/kg	1	0.052		
NITROBENZENE	U	0.061	mg/kg	1	0.061		
2-NITROPROPANE	U	0.043	mg/kg	1	0.043		
PENTACHLOROETHANE	U	0.15	mg/kg	1	0.15		
N-PROPYLBENZENE	U	0.018	mg/kg	1	0.018		
STYRENE	U	0.033	mg/kg	1	0.033		
1,1,1,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
1,1,2,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
TETRACHLOROETHENE	U	0.033	mg/kg	1	0.033		
TETRAHYDROFURAN	U	0.046	mg/kg	1	0.046		
TOLUENE	U	0.020	mg/kg	1	0.02		
1,2,3-TRICHLOROBENZENE	U	0.045	mg/kg	1	0.045		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3809-8
 Lab ID: L150951-15 (P152966-15)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3809-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.039	mg/kg	1	0.039		
1,1,1-TRICHLOROETHANE	U	0.026	mg/kg	1	0.026		
1,1,2-TRICHLOROETHANE	U	0.024	mg/kg	1	0.024		
TRICHLOROETHENE	U	0.027	mg/kg	1	0.027		
1,2,3-TRICHLOROPROPANE	U	0.031	mg/kg	1	0.031		
1,2,4-TRIMETHYLBENZENE	U	0.017	mg/kg	1	0.017		
1,3,5-TRIMETHYLBENZENE	U	0.019	mg/kg	1	0.019		
VINYL ACETATE	U	0.053	mg/kg	1	0.053		
VINYL CHLORIDE	U	0.037	mg/kg	1	0.037		
O-XYLENE	U	0.023	mg/kg	1	0.023		
M+P XYLENES	U	0.029	mg/kg	1	0.029		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		88.8	% recovery	1			
D5-CHLOROBENZENE		82.2	% recovery	1			
D4-1,4-DICHLOROBENZENE	N	33.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		103	% recovery	1			
D4-DICHLOROETHANE		96.8	% recovery	1			
D8-TOLUENE		98.4	% recovery	1			
4-BROMOFLUOROBENZENE		86.0	% recovery	1			

Run ID: R182207 / Work Group No.: WG153312

Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 12:06

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
TARGET ANALYTES						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBENZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3809-8
 Lab ID: L150951-15 (P152966-15)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3809-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL	U	0.045	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		114	% recovery	1	1		
D8-NAPHTHALENE		118	% recovery	1	1		
D10-ACENAPHTHENE		107	% recovery	1	1		
D10-PHENANTHRENE		111	% recovery	1	1		
D12-CHRYSENE		107	% recovery	1	1		
D12-PERYLENE		107	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	43	% recovery	1			
D5-PHENOL	D	38	% recovery	1			
D5-NITROBENZENE	D	48	% recovery	1			
2-FLUOROBIPHENYL	D	50	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	45	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3809-8
 Lab ID: L150951-15 (P152966-15)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3809-8; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		85	% recovery	1		RL/ML	

Run ID: R182200 / Work Group No.: WG153325
 Prep Date1: 06-APR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 07:53

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC		1.21	mg/kg	.0919	0.919		
BARIUM		87.5	mg/kg	.0919	0.184		
BERYLLIUM		0.200	mg/kg	.0919	0.046		
CADMIUM		0.219	mg/kg	.0919	0.0827		
COBALT		7.00	mg/kg	.0919	0.101		
CHROMIUM		32.2	mg/kg	.0919	0.184		
COPPER		7.45	mg/kg	.0919	0.368		
MOLYBDENUM	U	0.184	mg/kg	.0919	0.184		
NICKEL		24.6	mg/kg	.0919	0.276		
LEAD		3.47	mg/kg	.0919	0.643		
ANTIMONY	U	0.919	mg/kg	.0919	0.919		
SELENIUM	U	1.19	mg/kg	.0919	1.19		
THALLIUM	U	1.01	mg/kg	.0919	1.01		
VANADIUM		22.6	mg/kg	.0919	0.735		
ZINC		26.0	mg/kg	.0919	0.368		

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 11:35

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.038	mg/kg	1	0.02		
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.029	mg/kg	1	0.01		
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Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609-8
 Lab ID: L150951-16 (P152966-16)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609-8; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	U	18	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		68.1	% recovery	1			
Run ID: R181744 / Work Group No.: WG153431							
Prep Date1: 03-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 07:34							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	0.57	mg/kg	1	0.57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		111	% recovery	1			
D5-CHLOROBENZENE		112	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		103	% recovery	1			
D4-DICHLOROETHANE		97.0	% recovery	1			
D8-TOLUENE		99.0	% recovery	1			
4-BROMOFLUOROBENZENE		90.4	% recovery	1			
Run ID: R182219 / Work Group No.: WG153313							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 12:45							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE		0.23	mg/kg	1	0.075		
ACROLEIN	U	0.068	mg/kg	1	0.068		
ACRYLONITRILE	U	0.050	mg/kg	1	0.05		
ALLYL CHLORIDE	U	0.040	mg/kg	1	0.04		
TERT-AMYL METHYL ETHER	U	0.022	mg/kg	1	0.022		
BENZENE	U	0.023	mg/kg	1	0.023		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.022	mg/kg	1	0.022		
BROMOBENZENE	U	0.015	mg/kg	1	0.015		
BROMOCHLOROMETHANE	U	0.030	mg/kg	1	0.03		
BROMODICHLOROMETHANE	U	0.021	mg/kg	1	0.021		
BROMOFORM	U	0.020	mg/kg	1	0.02		
BROMOMETHANE	U	0.12	mg/kg	1	0.12		
1,3-BUTADIENE	U	0.062	mg/kg	1	0.062		
TERT-BUTYL ALCOHOL	U	0.51	mg/kg	1	0.51		
N-BUTYLBENZENE	U	0.019	mg/kg	1	0.019		
SEC-BUTYLBENZENE	U	0.017	mg/kg	1	0.017		
TERT-BUTYLBENZENE	U	0.016	mg/kg	1	0.016		
CARBON DISULFIDE	U	0.032	mg/kg	1	0.032		
CARBON TETRACHLORIDE	U	0.025	mg/kg	1	0.025		
CHLOROACETONITRILE	U	0.029	mg/kg	1	0.029		
CHLOROBENZENE	U	0.022	mg/kg	1	0.022		
1-CHLOROBUTANE	U	0.025	mg/kg	1	0.025		
CHLOROETHANE	U	0.048	mg/kg	1	0.048		
2-CHLOROETHYLVINYL ETHER	U	0.058	mg/kg	1	0.058		
CHLOROFORM	U	0.024	mg/kg	1	0.024		
CHLOROMETHANE	U	0.053	mg/kg	1	0.053		
O-CHLOROTOLUENE	U	0.023	mg/kg	1	0.023		
P-CHLOROTOLUENE	U	0.018	mg/kg	1	0.018		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609-8
 Lab ID: L150951-16 (P152966-16)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.043	mg/kg	1	0.043		
DIBROMOCHLOROPROPANE	U	0.032	mg/kg	1	0.032		
DIBROMOMETHANE	U	0.024	mg/kg	1	0.024		
1,2-DICHLOROBENZENE	U	0.019	mg/kg	1	0.019		
1,3-DICHLOROBENZENE	U	0.026	mg/kg	1	0.026		
1,4-DICHLOROBENZENE	U	0.028	mg/kg	1	0.028		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.026	mg/kg	1	0.026		
DICHLORODIFLUOROMETHANE	U	0.035	mg/kg	1	0.035		
1,1-DICHLOROETHANE	U	0.033	mg/kg	1	0.033		
1,2-DICHLOROETHANE	U	0.025	mg/kg	1	0.025		
1,1-DICHLOROETHENE	U	0.032	mg/kg	1	0.032		
CIS-1,2-DICHLOROETHENE	U	0.028	mg/kg	1	0.028		
TRANS-1,2-DICHLOROETHENE	U	0.025	mg/kg	1	0.025		
1,2-DICHLOROPROPANE	U	0.032	mg/kg	1	0.032		
1,3-DICHLOROPROPANE	U	0.022	mg/kg	1	0.022		
SEC-DICHLOROPROPANE	U	0.039	mg/kg	1	0.039		
1,1-DICHLORO-2-PROPANONE	U	0.036	mg/kg	1	0.036		
1,1-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
CIS-1,3-DICHLOROPROPENE	U	0.029	mg/kg	1	0.029		
TRANS-1,3-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
DIISOPROPYL ETHER	U	0.042	mg/kg	1	0.042		
ETHYL ACETATE	U	0.038	mg/kg	1	0.038		
ETHYL BENZENE	U	0.027	mg/kg	1	0.027		
ETHYL-T-BUTYL ETHER	U	0.028	mg/kg	1	0.028		
ETHYLENE DIBROMIDE	U	0.024	mg/kg	1	0.024		
ETHYL ETHER	U	0.050	mg/kg	1	0.05		
ETHYLMETHACRYLATE	U	0.026	mg/kg	1	0.026		
FLUOROTRICHLOROMETHANE	U	0.041	mg/kg	1	0.041		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBUTADIENE	U	0.034	mg/kg	1	0.034		
HEXACHLOROETHANE	U	0.020	mg/kg	1	0.02		
2-HEXANONE	U	0.039	mg/kg	1	0.039		
IODOMETHANE	U	0.093	mg/kg	1	0.093		
ISOPROPYLBENZENE	U	0.022	mg/kg	1	0.022		
P-ISOPROPYLTOLUENE	U	0.026	mg/kg	1	0.026		
METHYLACRYLATE	U	0.022	mg/kg	1	0.022		
METHYLACRYLONITRILE	U	0.029	mg/kg	1	0.029		
METHYL-T-BUTYL ETHER	U	0.050	mg/kg	1	0.05		
2-BUTANONE	U	0.064	mg/kg	1	0.064		
METHYLENE CHLORIDE		3.6	mg/kg	1	0.036		
4-METHYL-2-PENTANONE	U	0.017	mg/kg	1	0.017		
METHYLMETHACRYLATE	U	0.020	mg/kg	1	0.02		
NAPHTHALENE	U	0.052	mg/kg	1	0.052		
NITROBENZENE	U	0.061	mg/kg	1	0.061		
2-NITROPROPANE	U	0.043	mg/kg	1	0.043		
PENTACHLOROETHANE	U	0.15	mg/kg	1	0.15		
N-PROPYLBENZENE	U	0.018	mg/kg	1	0.018		
STYRENE	U	0.033	mg/kg	1	0.033		
1,1,1,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
1,1,2,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
TETRACHLOROETHENE	U	0.033	mg/kg	1	0.033		
TETRAHYDROFURAN	U	0.046	mg/kg	1	0.046		
TOLUENE	U	0.020	mg/kg	1	0.02		
1,2,3-TRICHLOROBENZENE	U	0.045	mg/kg	1	0.045		

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609-8
 Lab ID: L150951-16 (P152966-16)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.039	mg/kg	1	0.039		
1,1,1-TRICHLOROETHANE	U	0.026	mg/kg	1	0.026		
1,1,2-TRICHLOROETHANE	U	0.024	mg/kg	1	0.024		
TRICHLOROETHENE	U	0.027	mg/kg	1	0.027		
1,2,3-TRICHLOROPROPANE	U	0.031	mg/kg	1	0.031		
1,2,4-TRIMETHYLBENZENE	U	0.017	mg/kg	1	0.017		
1,3,5-TRIMETHYLBENZENE	U	0.019	mg/kg	1	0.019		
VINYL ACETATE	U	0.053	mg/kg	1	0.053		
VINYL CHLORIDE	U	0.037	mg/kg	1	0.037		
O-XYLENE	U	0.023	mg/kg	1	0.023		
M+P XYLENES	U	0.029	mg/kg	1	0.029		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		87.8	% recovery	1			
D5-CHLOROBENZENE		88.2	% recovery	1			
D4-1,4-DICHLOROBENZENE	N	33.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		104	% recovery	1			
D4-DICHLOROETHANE		97.4	% recovery	1			
D8-TOLUENE		98.2	% recovery	1			
4-BROMOFLUOROBENZENE		86.0	% recovery	1			
Run ID: R182207 / Work Group No.: WG153312							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 12:45							

Method: EPA 8270C - Semivolatle Organics: GC/MS						Soil	
TARGET ANALYTES							
ACENAPHTHENE	U	0.027	mg/kg	1	0.027		
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048		
ANILINE	U	0.053	mg/kg	1	0.053		
ANTHRACENE	U	0.074	mg/kg	1	0.074		
AZOBENZENE	U	0.081	mg/kg	1	0.081		
BENZIDINE	U	1.0	mg/kg	1	1		
BENZO(A)ANTHRACENE		0.15	mg/kg	1	0.078		
BENZO(B)FLUORANTHENE		0.12	mg/kg	1	0.05		
BENZO(K)FLUORANTHENE		0.19	mg/kg	1	0.042		
BENZO(GHI)PERYLENE		0.13	mg/kg	1	0.12		
BENZO(A)PYRENE		0.21	mg/kg	1	0.065		
BENZOIC ACID	U	1.0	mg/kg	1	1		
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083		
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078		
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054		
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076		
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18		
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055		
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057		
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039		
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029		
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051		
CHRYSENE		0.19	mg/kg	1	0.061		
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063		
DIBENZOFURAN	U	0.045	mg/kg	1	0.045		
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16		
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609-8
 Lab ID: L150951-16 (P152966-16)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE		0.10	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.14	mg/kg	1	0.045		
PYRENE		0.16	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		103	% recovery	1	1		
D8-NAPHTHALENE		105	% recovery	1	1		
D10-ACENAPHTHENE		98.0	% recovery	1	1		
D10-PHENANTHRENE		103	% recovery	1	1		
D12-CHRYSENE		100	% recovery	1	1		
D12-PERYLENE		104	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	43	% recovery	1			
D5-PHENOL	D	44	% recovery	1			
D5-NITROBENZENE	D	51	% recovery	1			
2-FLUOROBIPHENYL	D	55	% recovery	1			
2,4,6-TRIBROMOPHENOL		60	% recovery	1			

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609-8
 Lab ID: L150951-16 (P152966-16)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 09:00am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609-8; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		92	% recovery	1		RL/ML	

Run ID: R182200 / Work Group No.: WG153325
 Prep Date1: 06-APR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 08:37

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC		2.67	mg/kg	.0893	0.893
BARIUM		19.8	mg/kg	.0893	0.179
BERYLLIUM		0.185	mg/kg	.0893	0.0446
CADMIUM		0.163	mg/kg	.0893	0.0804
COBALT		5.42	mg/kg	.0893	0.0982
CHROMIUM		29.5	mg/kg	.0893	0.179
COPPER		10.4	mg/kg	.0893	0.357
MOLYBDENUM		0.179	mg/kg	.0893	0.179
NICKEL		24.4	mg/kg	.0893	0.268
LEAD		11.9	mg/kg	.0893	0.625
ANTIMONY	U	0.893	mg/kg	.0893	0.893
SELENIUM	U	1.16	mg/kg	.0893	1.16
THALLIUM	U	0.982	mg/kg	.0893	0.982
VANADIUM		22.2	mg/kg	.0893	0.714
ZINC		36.0	mg/kg	.0893	0.357

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 11:43

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.083	mg/kg	1	0.02
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.035	mg/kg	1	0.01
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Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

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 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709-8
 Lab ID: L150951-17 (P152966-17)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 10:15am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	U	18	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		76.7	% recovery	1			
Run ID: R181744 / Work Group No.: WG153431							
Prep Date1: 03-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 08:00							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	0.57	mg/kg	1	0.57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		115	% recovery	1			
D5-CHLOROBENZENE		105	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		98.8	% recovery	1			
D4-DICHLOROETHANE		93.6	% recovery	1			
D8-TOLUENE		97.8	% recovery	1			
4-BROMOFLUOROBENZENE		89.0	% recovery	1			
Run ID: R182219 / Work Group No.: WG153313							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 13:25							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE		0.13	mg/kg	1	0.075		
ACROLEIN	U	0.068	mg/kg	1	0.068		
ACRYLONITRILE	U	0.050	mg/kg	1	0.05		
ALLYL CHLORIDE	U	0.040	mg/kg	1	0.04		
TERT-AMYL METHYL ETHER	U	0.022	mg/kg	1	0.022		
BENZENE	U	0.023	mg/kg	1	0.023		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.022	mg/kg	1	0.022		
BROMOBENZENE	U	0.015	mg/kg	1	0.015		
BROMOCHLOROMETHANE	U	0.030	mg/kg	1	0.03		
BROMODICHLOROMETHANE	U	0.021	mg/kg	1	0.021		
BROMOFORM	U	0.020	mg/kg	1	0.02		
BROMOMETHANE	U	0.12	mg/kg	1	0.12		
1,3-BUTADIENE	U	0.062	mg/kg	1	0.062		
TERT-BUTYL ALCOHOL	U	0.51	mg/kg	1	0.51		
N-BUTYLBENZENE	U	0.019	mg/kg	1	0.019		
SEC-BUTYLBENZENE	U	0.017	mg/kg	1	0.017		
TERT-BUTYLBENZENE	U	0.016	mg/kg	1	0.016		
CARBON DISULFIDE	U	0.032	mg/kg	1	0.032		
CARBON TETRACHLORIDE	U	0.025	mg/kg	1	0.025		
CHLOROACETONITRILE	U	0.029	mg/kg	1	0.029		
CHLOROBENZENE	U	0.022	mg/kg	1	0.022		
1-CHLOROBUTANE	U	0.025	mg/kg	1	0.025		
CHLOROETHANE	U	0.048	mg/kg	1	0.048		
2-CHLOROETHYLVINYL ETHER	U	0.058	mg/kg	1	0.058		
CHLOROFORM	U	0.024	mg/kg	1	0.024		
CHLOROMETHANE	U	0.053	mg/kg	1	0.053		
O-CHLOROTOLUENE	U	0.023	mg/kg	1	0.023		
P-CHLOROTOLUENE	U	0.018	mg/kg	1	0.018		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709-8
 Lab ID: L150951-17 (P152966-17)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 10:15am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.043	mg/kg	1	0.043		
DIBROMOCHLOROPROPANE	U	0.032	mg/kg	1	0.032		
DIBROMOMETHANE	U	0.024	mg/kg	1	0.024		
1,2-DICHLOROBENZENE	U	0.019	mg/kg	1	0.019		
1,3-DICHLOROBENZENE	U	0.026	mg/kg	1	0.026		
1,4-DICHLOROBENZENE	U	0.028	mg/kg	1	0.028		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.026	mg/kg	1	0.026		
DICHLORODIFLUOROMETHANE	U	0.035	mg/kg	1	0.035		
1,1-DICHLOROETHANE	U	0.033	mg/kg	1	0.033		
1,2-DICHLOROETHANE	U	0.025	mg/kg	1	0.025		
1,1-DICHLOROETHENE	U	0.032	mg/kg	1	0.032		
CIS-1,2-DICHLOROETHENE	U	0.028	mg/kg	1	0.028		
TRANS-1,2-DICHLOROETHENE	U	0.025	mg/kg	1	0.025		
1,2-DICHLOROPROPANE	U	0.032	mg/kg	1	0.032		
1,3-DICHLOROPROPANE	U	0.022	mg/kg	1	0.022		
SEC-DICHLOROPROPANE	U	0.039	mg/kg	1	0.039		
1,1-DICHLORO-2-PROPANONE	U	0.036	mg/kg	1	0.036		
1,1-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
CIS-1,3-DICHLOROPROPENE	U	0.029	mg/kg	1	0.029		
TRANS-1,3-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
DIISOPROPYL ETHER	U	0.042	mg/kg	1	0.042		
ETHYL ACETATE	U	0.038	mg/kg	1	0.038		
ETHYL BENZENE	U	0.027	mg/kg	1	0.027		
ETHYL-T-BUTYL ETHER	U	0.028	mg/kg	1	0.028		
ETHYLENE DIBROMIDE	U	0.024	mg/kg	1	0.024		
ETHYL ETHER	U	0.050	mg/kg	1	0.05		
ETHYLMETHACRYLATE	U	0.026	mg/kg	1	0.026		
FLUOROTRICHLOROMETHANE	U	0.041	mg/kg	1	0.041		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBUTADIENE	U	0.034	mg/kg	1	0.034		
HEXACHLOROETHANE	U	0.020	mg/kg	1	0.02		
2-HEXANONE	U	0.039	mg/kg	1	0.039		
IODOMETHANE	U	0.093	mg/kg	1	0.093		
ISOPROPYLBENZENE	U	0.022	mg/kg	1	0.022		
P-ISOPROPYLTOLUENE	U	0.026	mg/kg	1	0.026		
METHYLACRYLATE	U	0.022	mg/kg	1	0.022		
METHYLACRYLONITRILE	U	0.029	mg/kg	1	0.029		
METHYL-T-BUTYL ETHER	U	0.050	mg/kg	1	0.05		
2-BUTANONE	U	0.064	mg/kg	1	0.064		
METHYLENE CHLORIDE		5.1	mg/kg	1	0.036		
4-METHYL-2-PENTANONE	U	0.017	mg/kg	1	0.017		
METHYLMETHACRYLATE	U	0.020	mg/kg	1	0.02		
NAPHTHALENE	U	0.052	mg/kg	1	0.052		
NITROBENZENE	U	0.061	mg/kg	1	0.061		
2-NITROPROPANE	U	0.043	mg/kg	1	0.043		
PENTACHLOROETHANE	U	0.15	mg/kg	1	0.15		
N-PROPYLBENZENE	U	0.018	mg/kg	1	0.018		
STYRENE	U	0.033	mg/kg	1	0.033		
1,1,1,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
1,1,2,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
TETRACHLOROETHENE	U	0.033	mg/kg	1	0.033		
TETRAHYDROFURAN	U	0.046	mg/kg	1	0.046		
TOLUENE	U	0.020	mg/kg	1	0.02		
1,2,3-TRICHLOROBENZENE	U	0.045	mg/kg	1	0.045		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709-8
 Lab ID: L150951-17 (P152966-17)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 10:15am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.039	mg/kg	1	0.039		
1,1,1-TRICHLOROETHANE	U	0.026	mg/kg	1	0.026		
1,1,2-TRICHLOROETHANE	U	0.024	mg/kg	1	0.024		
TRICHLOROETHENE	U	0.027	mg/kg	1	0.027		
1,2,3-TRICHLOROPROPANE	U	0.031	mg/kg	1	0.031		
1,2,4-TRIMETHYLBENZENE	U	0.017	mg/kg	1	0.017		
1,3,5-TRIMETHYLBENZENE	U	0.019	mg/kg	1	0.019		
VINYL ACETATE	U	0.053	mg/kg	1	0.053		
VINYL CHLORIDE	U	0.037	mg/kg	1	0.037		
O-XYLENE	U	0.023	mg/kg	1	0.023		
M+P XYLENES	U	0.029	mg/kg	1	0.029		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		91.0	% recovery	1			
D5-CHLOROBENZENE		83.0	% recovery	1			
D4-1,4-DICHLOROBENZENE	N	28.2	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		100	% recovery	1			
D4-DICHLOROETHANE		94.0	% recovery	1			
D8-TOLUENE		97.0	% recovery	1			
4-BROMOFLUOROBENZENE		85.2	% recovery	1			

Run ID: R182207 / Work Group No.: WG153312
 Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 13:25

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil
TARGET ANALYTES						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBENZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709-8
 Lab ID: L150951-17 (P152966-17)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 10:15am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709-8; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		1.7	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		97.9	% recovery	1	1		
D8-NAPHTHALENE		101	% recovery	1	1		
D10-ACENAPHTHENE		93.6	% recovery	1	1		
D10-PHENANTHRENE		97.6	% recovery	1	1		
D12-CHRYSENE		93.1	% recovery	1	1		
D12-PERYLENE		95.3	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	48	% recovery	1			
D5-PHENOL	D	48	% recovery	1			
D5-NITROBENZENE	D	57	% recovery	1			
2-FLUOROBIPHENYL	D	58	% recovery	1			
2,4,6-TRIBROMOPHENOL		61	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709-8
 Lab ID: L150951-17 (P152966-17)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 10:15am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709-8; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		92	% recovery	1		RL/ML	
Run ID: R182200 / Work Group No.: WG153325							
Prep Date1: 06-APR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 09:21							

Method: EPA 6010B - ICP Metals	Soil						
TARGET ANALYTES							
ARSENIC		1.44	mg/kg	.0849		0.849	
BARIUM		84.2	mg/kg	.0849		0.17	
BERYLLIUM		0.250	mg/kg	.0849		0.0424	
CADMIUM		0.136	mg/kg	.0849		0.0764	
COBALT		26.0	mg/kg	.0849		0.0934	
CHROMIUM		34.2	mg/kg	.0849		0.17	
COPPER		6.67	mg/kg	.0849		0.34	
MOLYBDENUM		0.188	mg/kg	.0849		0.17	
NICKEL		27.1	mg/kg	.0849		0.255	
LEAD		13.5	mg/kg	.0849		0.594	
ANTIMONY	U	0.849	mg/kg	.0849		0.849	
SELENIUM	U	1.10	mg/kg	.0849		1.1	
THALLIUM	U	0.934	mg/kg	.0849		0.934	
VANADIUM		27.0	mg/kg	.0849		0.679	
ZINC		25.8	mg/kg	.0849		0.34	
Run ID: R182072 / Work Group No.: WG153563							
Prep Date1: 16-APR-09 Analyzed 16-Apr-09 11:47							

Method: EPA 7471 - Mercury: Cold Vapor	Soil						
TARGET ANALYTES							
MERCURY		0.042	mg/kg	1		0.02	
Run ID: R181530 / Work Group No.: WG153272							
Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08							

Method: EPA 7761 - Silver: Graphite Furnace	Soil						
TARGET ANALYTES							
SILVER		0.012	mg/kg	1		0.01	
Run ID: R182102 / Work Group No.: WG153558							
Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0809-16
 Lab ID: L150951-18 (P152966-18)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 11:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0809-16; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	U	18	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		60.0	% recovery	1			
Run ID: R181744 / Work Group No.: WG153431							
Prep Date1: 03-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 08:25							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	0.57	mg/kg	1	0.57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		110	% recovery	1			
D5-CHLOROBENZENE		102	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		112	% recovery	1			
D4-DICHLOROETHANE		102	% recovery	1			
D8-TOLUENE		97.6	% recovery	1			
4-BROMOFLUOROBENZENE		96.2	% recovery	1			
Run ID: R182219 / Work Group No.: WG153313							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 02:52							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE		0.27	mg/kg	1	0.075		
ACROLEIN	U	0.068	mg/kg	1	0.068		
ACRYLONITRILE	U	0.050	mg/kg	1	0.05		
ALLYL CHLORIDE	U	0.040	mg/kg	1	0.04		
TERT-AMYL METHYL ETHER	U	0.022	mg/kg	1	0.022		
BENZENE	U	0.023	mg/kg	1	0.023		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.022	mg/kg	1	0.022		
BROMOBENZENE	U	0.015	mg/kg	1	0.015		
BROMOCHLOROMETHANE	U	0.030	mg/kg	1	0.03		
BROMODICHLOROMETHANE	U	0.021	mg/kg	1	0.021		
BROMOFORM	U	0.020	mg/kg	1	0.02		
BROMOMETHANE	U	0.12	mg/kg	1	0.12		
1,3-BUTADIENE	U	0.062	mg/kg	1	0.062		
TERT-BUTYL ALCOHOL	U	0.51	mg/kg	1	0.51		
N-BUTYLBENZENE	U	0.019	mg/kg	1	0.019		
SEC-BUTYLBENZENE	U	0.017	mg/kg	1	0.017		
TERT-BUTYLBENZENE	U	0.016	mg/kg	1	0.016		
CARBON DISULFIDE	U	0.032	mg/kg	1	0.032		
CARBON TETRACHLORIDE	U	0.025	mg/kg	1	0.025		
CHLOROACETONITRILE	U	0.029	mg/kg	1	0.029		
CHLOROBENZENE	U	0.022	mg/kg	1	0.022		
1-CHLOROBUTANE	U	0.025	mg/kg	1	0.025		
CHLOROETHANE	U	0.048	mg/kg	1	0.048		
2-CHLOROETHYLVINYL ETHER	U	0.058	mg/kg	1	0.058		
CHLOROFORM	U	0.024	mg/kg	1	0.024		
CHLOROMETHANE	U	0.053	mg/kg	1	0.053		
O-CHLOROTOLUENE	U	0.023	mg/kg	1	0.023		
P-CHLOROTOLUENE	U	0.018	mg/kg	1	0.018		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0809-16
 Lab ID: L150951-18 (P152966-18)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 11:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0809-16; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.043	mg/kg	1	0.043		
DIBROMOCHLOROPROPANE	U	0.032	mg/kg	1	0.032		
DIBROMOMETHANE	U	0.024	mg/kg	1	0.024		
1,2-DICHLOROBENZENE	U	0.019	mg/kg	1	0.019		
1,3-DICHLOROBENZENE	U	0.026	mg/kg	1	0.026		
1,4-DICHLOROBENZENE	U	0.028	mg/kg	1	0.028		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.026	mg/kg	1	0.026		
DICHLORODIFLUOROMETHANE	U	0.035	mg/kg	1	0.035		
1,1-DICHLOROETHANE	U	0.033	mg/kg	1	0.033		
1,2-DICHLOROETHANE	U	0.025	mg/kg	1	0.025		
1,1-DICHLOROETHENE	U	0.032	mg/kg	1	0.032		
CIS-1,2-DICHLOROETHENE	U	0.028	mg/kg	1	0.028		
TRANS-1,2-DICHLOROETHENE	U	0.025	mg/kg	1	0.025		
1,2-DICHLOROPROPANE	U	0.032	mg/kg	1	0.032		
1,3-DICHLOROPROPANE	U	0.022	mg/kg	1	0.022		
SEC-DICHLOROPROPANE	U	0.039	mg/kg	1	0.039		
1,1-DICHLORO-2-PROPANONE	U	0.036	mg/kg	1	0.036		
1,1-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
CIS-1,3-DICHLOROPROPENE	U	0.029	mg/kg	1	0.029		
TRANS-1,3-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
DIISOPROPYL ETHER	U	0.042	mg/kg	1	0.042		
ETHYL ACETATE	U	0.038	mg/kg	1	0.038		
ETHYL BENZENE	U	0.027	mg/kg	1	0.027		
ETHYL-T-BUTYL ETHER	U	0.028	mg/kg	1	0.028		
ETHYLENE DIBROMIDE	U	0.024	mg/kg	1	0.024		
ETHYL ETHER	U	0.050	mg/kg	1	0.05		
ETHYLMETHACRYLATE	U	0.026	mg/kg	1	0.026		
FLUOROTRICHLOROMETHANE	U	0.041	mg/kg	1	0.041		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBUTADIENE	U	0.034	mg/kg	1	0.034		
HEXACHLOROETHANE	U	0.020	mg/kg	1	0.02		
2-HEXANONE	U	0.039	mg/kg	1	0.039		
IODOMETHANE	U	0.093	mg/kg	1	0.093		
ISOPROPYLBENZENE	U	0.022	mg/kg	1	0.022		
P-ISOPROPYLTOLUENE	U	0.026	mg/kg	1	0.026		
METHYLACRYLATE	U	0.022	mg/kg	1	0.022		
METHYLACRYLONITRILE	U	0.029	mg/kg	1	0.029		
METHYL-T-BUTYL ETHER	U	0.050	mg/kg	1	0.05		
2-BUTANONE	U	0.064	mg/kg	1	0.064		
METHYLENE CHLORIDE		7.6	mg/kg	1	0.036		
4-METHYL-2-PENTANONE	U	0.017	mg/kg	1	0.017		
METHYLMETHACRYLATE	U	0.020	mg/kg	1	0.02		
NAPHTHALENE	U	0.052	mg/kg	1	0.052		
NITROBENZENE	U	0.061	mg/kg	1	0.061		
2-NITROPROPANE	U	0.043	mg/kg	1	0.043		
PENTACHLOROETHANE	U	0.15	mg/kg	1	0.15		
N-PROPYLBENZENE	U	0.018	mg/kg	1	0.018		
STYRENE	U	0.033	mg/kg	1	0.033		
1,1,1,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
1,1,2,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
TETRACHLOROETHENE	U	0.033	mg/kg	1	0.033		
TETRAHYDROFURAN	U	0.046	mg/kg	1	0.046		
TOLUENE	U	0.020	mg/kg	1	0.02		
1,2,3-TRICHLOROBENZENE	U	0.045	mg/kg	1	0.045		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0809-16
 Lab ID: L150951-18 (P152966-18)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 11:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0809-16; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.039	mg/kg	1	0.039		
1,1,1-TRICHLOROETHANE	U	0.026	mg/kg	1	0.026		
1,1,2-TRICHLOROETHANE	U	0.024	mg/kg	1	0.024		
TRICHLOROETHENE	U	0.027	mg/kg	1	0.027		
1,2,3-TRICHLOROPROPANE	U	0.031	mg/kg	1	0.031		
1,2,4-TRIMETHYLBENZENE	U	0.017	mg/kg	1	0.017		
1,3,5-TRIMETHYLBENZENE	U	0.019	mg/kg	1	0.019		
VINYL ACETATE	U	0.053	mg/kg	1	0.053		
VINYL CHLORIDE	U	0.037	mg/kg	1	0.037		
O-XYLENE	U	0.023	mg/kg	1	0.023		
M+P XYLENES	U	0.029	mg/kg	1	0.029		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		87.4	% recovery	1			
D5-CHLOROENZENE		80.2	% recovery	1			
D4-1,4-DICHLOROBENZENE	N	30.4	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		115	% recovery	1			
D4-DICHLOROETHANE		104	% recovery	1			
D8-TOLUENE		98.0	% recovery	1			
4-BROMOFLUOROBENZENE		90.2	% recovery	1			
Run ID: R182207 / Work Group No.: WG153312							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 02:52							

Method: EPA 8270C - Semivolatle Organics: GC/MS						Soil
TARGET ANALYTES						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOENZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROENZENE	U	0.021	mg/kg	1	0.021	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0809-16
 Lab ID: L150951-18 (P152966-18)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 11:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0809-16; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.52	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		100	% recovery	1	1		
D8-NAPHTHALENE		103	% recovery	1	1		
D10-ACENAPHTHENE		95.3	% recovery	1	1		
D10-PHENANTHRENE		95.9	% recovery	1	1		
D12-CHRYSENE		90.9	% recovery	1	1		
D12-PERYLENE		93.2	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	54	% recovery	1			
D5-PHENOL	D	51	% recovery	1			
D5-NITROBENZENE		63	% recovery	1			
2-FLUOROBIPHENYL		64	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	47	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0809-16
 Lab ID: L150951-18 (P152966-18)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 11:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0809-16; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
D14-P-TERPHENYL		88	% recovery	1			
Run ID: R182200 / Work Group No.: WG153325							
Prep Date1: 06-APR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 10:05							

Method: EPA 6010B - ICP Metals	Soil						
TARGET ANALYTES							
ARSENIC		1.29	mg/kg	.0962		0.962	
BARIUM		272	mg/kg	.0962		0.192	
BERYLLIUM		0.514	mg/kg	.0962		0.0481	
CADMIUM	U	0.0865	mg/kg	.0962		0.0865	
COBALT		5.90	mg/kg	.0962		0.106	
CHROMIUM		28.0	mg/kg	.0962		0.192	
COPPER		20.2	mg/kg	.0962		0.385	
MOLYBDENUM	U	0.192	mg/kg	.0962		0.192	
NICKEL		41.4	mg/kg	.0962		0.288	
LEAD		4.07	mg/kg	.0962		0.673	
ANTIMONY	U	0.962	mg/kg	.0962		0.962	
SELENIUM	U	1.25	mg/kg	.0962		1.25	
THALLIUM	U	1.06	mg/kg	.0962		1.06	
VANADIUM		21.7	mg/kg	.0962		0.769	
ZINC		43.4	mg/kg	.0962		0.385	
Run ID: R182072 / Work Group No.: WG153563							
Prep Date1: 16-APR-09 Analyzed 16-Apr-09 11:56							

Method: EPA 7471 - Mercury: Cold Vapor	Soil						
TARGET ANALYTES							
MERCURY		0.051	mg/kg	1		0.02	
Run ID: R181530 / Work Group No.: WG153272							
Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08							

Method: EPA 7761 - Silver: Graphite Furnace	Soil						
TARGET ANALYTES							
SILVER		0.10	mg/kg	1		0.01	
Run ID: R182102 / Work Group No.: WG153558							
Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0909-16
 Lab ID: L150951-19 (P152966-19)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 12:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0909-16 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	T	26	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)		490	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		67.6	% recovery	1			
Run ID: R181744 / Work Group No.: WG153431							
Prep Date1: 03-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 08:51							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	0.57	mg/kg	1	0.57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		110	% recovery	1			
D5-CHLOROBENZENE		108	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		103	% recovery	1			
D4-DICHLOROETHANE		96.2	% recovery	1			
D8-TOLUENE		98.8	% recovery	1			
4-BROMOFLUOROBENZENE		102	% recovery	1			
Run ID: R182219 / Work Group No.: WG153313							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 03:31							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE		1.9	mg/kg	1	0.075		
ACROLEIN	U	0.068	mg/kg	1	0.068		
ACRYLONITRILE	U	0.050	mg/kg	1	0.05		
ALLYL CHLORIDE	U	0.040	mg/kg	1	0.04		
TERT-AMYL METHYL ETHER	U	0.022	mg/kg	1	0.022		
BENZENE	U	0.023	mg/kg	1	0.023		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.022	mg/kg	1	0.022		
BROMOBENZENE	U	0.015	mg/kg	1	0.015		
BROMOCHLOROMETHANE	U	0.030	mg/kg	1	0.03		
BROMODICHLOROMETHANE	U	0.021	mg/kg	1	0.021		
BROMOFORM	U	0.020	mg/kg	1	0.02		
BROMOMETHANE	U	0.12	mg/kg	1	0.12		
1,3-BUTADIENE	U	0.062	mg/kg	1	0.062		
TERT-BUTYL ALCOHOL	U	0.51	mg/kg	1	0.51		
N-BUTYLBENZENE		0.046	mg/kg	1	0.019		
SEC-BUTYLBENZENE	U	0.017	mg/kg	1	0.017		
TERT-BUTYLBENZENE	U	0.016	mg/kg	1	0.016		
CARBON DISULFIDE	U	0.032	mg/kg	1	0.032		
CARBON TETRACHLORIDE	U	0.025	mg/kg	1	0.025		
CHLOROACETONITRILE	U	0.029	mg/kg	1	0.029		
CHLOROBENZENE	U	0.022	mg/kg	1	0.022		
1-CHLOROBUTANE	U	0.025	mg/kg	1	0.025		
CHLOROETHANE	U	0.048	mg/kg	1	0.048		
2-CHLOROETHYLVINYL ETHER	U	0.058	mg/kg	1	0.058		
CHLOROFORM	U	0.024	mg/kg	1	0.024		
CHLOROMETHANE	U	0.053	mg/kg	1	0.053		
O-CHLOROTOLUENE	U	0.023	mg/kg	1	0.023		
P-CHLOROTOLUENE	U	0.018	mg/kg	1	0.018		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0909-16
 Lab ID: L150951-19 (P152966-19)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 12:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0909-16 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.043	mg/kg	1	0.043		
DIBROMOCHLOROPROPANE	U	0.032	mg/kg	1	0.032		
DIBROMOMETHANE	U	0.024	mg/kg	1	0.024		
1,2-DICHLOROBENZENE	U	0.019	mg/kg	1	0.019		
1,3-DICHLOROBENZENE	U	0.026	mg/kg	1	0.026		
1,4-DICHLOROBENZENE	U	0.028	mg/kg	1	0.028		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.026	mg/kg	1	0.026		
DICHLORODIFLUOROMETHANE	U	0.035	mg/kg	1	0.035		
1,1-DICHLOROETHANE	U	0.033	mg/kg	1	0.033		
1,2-DICHLOROETHANE	U	0.025	mg/kg	1	0.025		
1,1-DICHLOROETHENE	U	0.032	mg/kg	1	0.032		
CIS-1,2-DICHLOROETHENE	U	0.028	mg/kg	1	0.028		
TRANS-1,2-DICHLOROETHENE	U	0.025	mg/kg	1	0.025		
1,2-DICHLOROPROPANE	U	0.032	mg/kg	1	0.032		
1,3-DICHLOROPROPANE	U	0.022	mg/kg	1	0.022		
SEC-DICHLOROPROPANE	U	0.039	mg/kg	1	0.039		
1,1-DICHLORO-2-PROPANONE	U	0.036	mg/kg	1	0.036		
1,1-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
CIS-1,3-DICHLOROPROPENE	U	0.029	mg/kg	1	0.029		
TRANS-1,3-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
DIISOPROPYL ETHER	U	0.042	mg/kg	1	0.042		
ETHYL ACETATE	U	0.038	mg/kg	1	0.038		
ETHYL BENZENE	U	0.027	mg/kg	1	0.027		
ETHYL-T-BUTYL ETHER	U	0.028	mg/kg	1	0.028		
ETHYLENE DIBROMIDE	U	0.024	mg/kg	1	0.024		
ETHYL ETHER	U	0.050	mg/kg	1	0.05		
ETHYLMETHACRYLATE	U	0.026	mg/kg	1	0.026		
FLUOROTRICHLOROMETHANE	U	0.041	mg/kg	1	0.041		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBUTADIENE	U	0.034	mg/kg	1	0.034		
HEXACHLOROETHANE	U	0.020	mg/kg	1	0.02		
2-HEXANONE	U	0.039	mg/kg	1	0.039		
IODOMETHANE	U	0.093	mg/kg	1	0.093		
ISOPROPYLBENZENE	U	0.022	mg/kg	1	0.022		
P-ISOPROPYLTOLUENE	U	0.026	mg/kg	1	0.026		
METHYLACRYLATE	U	0.022	mg/kg	1	0.022		
METHYLACRYLONITRILE	U	0.029	mg/kg	1	0.029		
METHYL-T-BUTYL ETHER	U	0.050	mg/kg	1	0.05		
2-BUTANONE	U	0.064	mg/kg	1	0.064		
METHYLENE CHLORIDE		4.6	mg/kg	1	0.036		
4-METHYL-2-PENTANONE	U	0.017	mg/kg	1	0.017		
METHYLMETHACRYLATE	U	0.020	mg/kg	1	0.02		
NAPHTHALENE	U	0.052	mg/kg	1	0.052		
NITROBENZENE	U	0.061	mg/kg	1	0.061		
2-NITROPROPANE	U	0.043	mg/kg	1	0.043		
PENTACHLOROETHANE	U	0.15	mg/kg	1	0.15		
N-PROPYLBENZENE	U	0.018	mg/kg	1	0.018		
STYRENE	U	0.033	mg/kg	1	0.033		
1,1,1,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
1,1,2,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
TETRACHLOROETHENE	U	0.033	mg/kg	1	0.033		
TETRAHYDROFURAN	U	0.046	mg/kg	1	0.046		
TOLUENE	U	0.020	mg/kg	1	0.02		
1,2,3-TRICHLOROBENZENE	U	0.045	mg/kg	1	0.045		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0909-16
 Lab ID: L150951-19 (P152966-19)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 12:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0909-16 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.039	mg/kg	1	0.039		
1,1,1-TRICHLOROETHANE	U	0.026	mg/kg	1	0.026		
1,1,2-TRICHLOROETHANE	U	0.024	mg/kg	1	0.024		
TRICHLOROETHENE	U	0.027	mg/kg	1	0.027		
1,2,3-TRICHLOROPROPANE	U	0.031	mg/kg	1	0.031		
1,2,4-TRIMETHYLBENZENE		0.029	mg/kg	1	0.017		
1,3,5-TRIMETHYLBENZENE	U	0.019	mg/kg	1	0.019		
VINYL ACETATE	U	0.053	mg/kg	1	0.053		
VINYL CHLORIDE	U	0.037	mg/kg	1	0.037		
O-XYLENE	U	0.023	mg/kg	1	0.023		
M+P XYLENES	U	0.029	mg/kg	1	0.029		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		87.8	% recovery	1			
D5-CHLOROBENZENE		85.4	% recovery	1			
D4-1,4-DICHLOROBENZENE		67.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		105	% recovery	1			
D4-DICHLOROETHANE		97.0	% recovery	1			
D8-TOLUENE		98.4	% recovery	1			
4-BROMOFLUOROBENZENE		97.6	% recovery	1			
Run ID: R182207 / Work Group No.: WG153312							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 03:31							

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil	
TARGET ANALYTES							
ACENAPHTHENE	U	0.027	mg/kg	1	0.027		
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048		
ANILINE	U	0.053	mg/kg	1	0.053		
ANTHRACENE	U	0.074	mg/kg	1	0.074		
AZOBENZENE	U	0.081	mg/kg	1	0.081		
BENZIDINE	U	1.0	mg/kg	1	1		
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078		
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05		
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042		
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12		
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065		
BENZOIC ACID	U	1.0	mg/kg	1	1		
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083		
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078		
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054		
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076		
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18		
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055		
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057		
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039		
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029		
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051		
CHRYSENE	U	0.061	mg/kg	1	0.061		
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063		
DIBENZOFURAN	U	0.045	mg/kg	1	0.045		
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16		
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0909-16
 Lab ID: L150951-19 (P152966-19)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 12:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0909-16 ; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.67	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		97.0	% recovery	1	1		
D8-NAPHTHALENE		101	% recovery	1	1		
D10-ACENAPHTHENE		92.7	% recovery	1	1		
D10-PHENANTHRENE		91.9	% recovery	1	1		
D12-CHRYSENE		89.5	% recovery	1	1		
D12-PERYLENE		91.7	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	51	% recovery	1			
D5-PHENOL	D	47	% recovery	1			
D5-NITROBENZENE	D	58	% recovery	1			
2-FLUOROBIPHENYL		62	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	46	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0909-16
 Lab ID: L150951-19 (P152966-19)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 12:30pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0909-16 ; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
D14-P-TERPHENYL		86	% recovery	1			

Run ID: R182200 / Work Group No.: WG153325
 Prep Date1: 06-APR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 10:49

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC	U	1.02	mg/kg	.102	1.02		
BARIUM		166	mg/kg	.102	0.203		
BERYLLIUM		0.420	mg/kg	.102	0.0508		
CADMIUM	U	0.0915	mg/kg	.102	0.0915		
COBALT		2.92	mg/kg	.102	0.112		
CHROMIUM		28.9	mg/kg	.102	0.203		
COPPER		10.0	mg/kg	.102	0.407		
MOLYBDENUM	U	0.203	mg/kg	.102	0.203		
NICKEL		20.4	mg/kg	.102	0.305		
LEAD		4.14	mg/kg	.102	0.711		
ANTIMONY	U	1.02	mg/kg	.102	1.02		
SELENIUM	U	1.32	mg/kg	.102	1.32		
THALLIUM	U	1.12	mg/kg	.102	1.12		
VANADIUM		18.9	mg/kg	.102	0.813		
ZINC		20.3	mg/kg	.102	0.407		

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 12:00

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.045	mg/kg	1	0.02		
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.047	mg/kg	1	0.01		
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Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609-20
 Lab ID: L150951-20 (P152966-20)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 09:15am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609-20; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	U	18	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		56.5	% recovery	1			
Run ID: R181744 / Work Group No.: WG153431							
Prep Date1: 03-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 09:17							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	0.57	mg/kg	1	0.57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		111	% recovery	1			
D5-CHLOROBENZENE		113	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		103	% recovery	1			
D4-DICHLOROETHANE		95.2	% recovery	1			
D8-TOLUENE		98.0	% recovery	1			
4-BROMOFLUOROBENZENE		99.0	% recovery	1			
Run ID: R182219 / Work Group No.: WG153313							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 04:11							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE		0.21	mg/kg	1	0.075		
ACROLEIN	U	0.068	mg/kg	1	0.068		
ACRYLONITRILE	U	0.050	mg/kg	1	0.05		
ALLYL CHLORIDE	U	0.040	mg/kg	1	0.04		
TERT-AMYL METHYL ETHER	U	0.022	mg/kg	1	0.022		
BENZENE	U	0.023	mg/kg	1	0.023		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.022	mg/kg	1	0.022		
BROMOBENZENE	U	0.015	mg/kg	1	0.015		
BROMOCHLOROMETHANE	U	0.030	mg/kg	1	0.03		
BROMODICHLOROMETHANE	U	0.021	mg/kg	1	0.021		
BROMOFORM	U	0.020	mg/kg	1	0.02		
BROMOMETHANE	U	0.12	mg/kg	1	0.12		
1,3-BUTADIENE	U	0.062	mg/kg	1	0.062		
TERT-BUTYL ALCOHOL	U	0.51	mg/kg	1	0.51		
N-BUTYLBENZENE	U	0.019	mg/kg	1	0.019		
SEC-BUTYLBENZENE	U	0.017	mg/kg	1	0.017		
TERT-BUTYLBENZENE	U	0.016	mg/kg	1	0.016		
CARBON DISULFIDE	U	0.032	mg/kg	1	0.032		
CARBON TETRACHLORIDE	U	0.025	mg/kg	1	0.025		
CHLOROACETONITRILE	U	0.029	mg/kg	1	0.029		
CHLOROBENZENE	U	0.022	mg/kg	1	0.022		
1-CHLOROBUTANE	U	0.025	mg/kg	1	0.025		
CHLOROETHANE	U	0.048	mg/kg	1	0.048		
2-CHLOROETHYLVINYL ETHER	U	0.058	mg/kg	1	0.058		
CHLOROFORM	U	0.024	mg/kg	1	0.024		
CHLOROMETHANE	U	0.053	mg/kg	1	0.053		
O-CHLOROTOLUENE	U	0.023	mg/kg	1	0.023		
P-CHLOROTOLUENE	U	0.018	mg/kg	1	0.018		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609-20
 Lab ID: L150951-20 (P152966-20)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 09:15am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609-20; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.043	mg/kg	1	0.043		
DIBROMOCHLOROPROPANE	U	0.032	mg/kg	1	0.032		
DIBROMOMETHANE	U	0.024	mg/kg	1	0.024		
1,2-DICHLOROBENZENE	U	0.019	mg/kg	1	0.019		
1,3-DICHLOROBENZENE	U	0.026	mg/kg	1	0.026		
1,4-DICHLOROBENZENE	U	0.028	mg/kg	1	0.028		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.026	mg/kg	1	0.026		
DICHLORODIFLUOROMETHANE	U	0.035	mg/kg	1	0.035		
1,1-DICHLOROETHANE	U	0.033	mg/kg	1	0.033		
1,2-DICHLOROETHANE	U	0.025	mg/kg	1	0.025		
1,1-DICHLOROETHENE	U	0.032	mg/kg	1	0.032		
CIS-1,2-DICHLOROETHENE	U	0.028	mg/kg	1	0.028		
TRANS-1,2-DICHLOROETHENE	U	0.025	mg/kg	1	0.025		
1,2-DICHLOROPROPANE	U	0.032	mg/kg	1	0.032		
1,3-DICHLOROPROPANE	U	0.022	mg/kg	1	0.022		
SEC-DICHLOROPROPANE	U	0.039	mg/kg	1	0.039		
1,1-DICHLORO-2-PROPANONE	U	0.036	mg/kg	1	0.036		
1,1-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
CIS-1,3-DICHLOROPROPENE	U	0.029	mg/kg	1	0.029		
TRANS-1,3-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
DIISOPROPYL ETHER	U	0.042	mg/kg	1	0.042		
ETHYL ACETATE	U	0.038	mg/kg	1	0.038		
ETHYL BENZENE	U	0.027	mg/kg	1	0.027		
ETHYL-T-BUTYL ETHER	U	0.028	mg/kg	1	0.028		
ETHYLENE DIBROMIDE	U	0.024	mg/kg	1	0.024		
ETHYL ETHER	U	0.050	mg/kg	1	0.05		
ETHYLMETHACRYLATE	U	0.026	mg/kg	1	0.026		
FLUOROTRICHLOROMETHANE	U	0.041	mg/kg	1	0.041		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBUTADIENE	U	0.034	mg/kg	1	0.034		
HEXACHLOROETHANE	U	0.020	mg/kg	1	0.02		
2-HEXANONE	U	0.039	mg/kg	1	0.039		
IODOMETHANE	U	0.093	mg/kg	1	0.093		
ISOPROPYLBENZENE	U	0.022	mg/kg	1	0.022		
P-ISOPROPYLTOLUENE	U	0.026	mg/kg	1	0.026		
METHYLACRYLATE	U	0.022	mg/kg	1	0.022		
METHYLACRYLONITRILE	U	0.029	mg/kg	1	0.029		
METHYL-T-BUTYL ETHER	U	0.050	mg/kg	1	0.05		
2-BUTANONE	U	0.064	mg/kg	1	0.064		
METHYLENE CHLORIDE		2.2	mg/kg	1	0.036		
4-METHYL-2-PENTANONE	U	0.017	mg/kg	1	0.017		
METHYLMETHACRYLATE	U	0.020	mg/kg	1	0.02		
NAPHTHALENE	U	0.052	mg/kg	1	0.052		
NITROBENZENE	U	0.061	mg/kg	1	0.061		
2-NITROPROPANE	U	0.043	mg/kg	1	0.043		
PENTACHLOROETHANE	U	0.15	mg/kg	1	0.15		
N-PROPYLBENZENE	U	0.018	mg/kg	1	0.018		
STYRENE	U	0.033	mg/kg	1	0.033		
1,1,1,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
1,1,2,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
TETRACHLOROETHENE	U	0.033	mg/kg	1	0.033		
TETRAHYDROFURAN	U	0.046	mg/kg	1	0.046		
TOLUENE	U	0.020	mg/kg	1	0.02		
1,2,3-TRICHLOROBENZENE	U	0.045	mg/kg	1	0.045		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
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 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609-20
 Lab ID: L150951-20 (P152966-20)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 09:15am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609-20; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.039	mg/kg	1	0.039		
1,1,1-TRICHLOROETHANE	U	0.026	mg/kg	1	0.026		
1,1,2-TRICHLOROETHANE	U	0.024	mg/kg	1	0.024		
TRICHLOROETHENE	U	0.027	mg/kg	1	0.027		
1,2,3-TRICHLOROPROPANE	U	0.031	mg/kg	1	0.031		
1,2,4-TRIMETHYLBENZENE	U	0.017	mg/kg	1	0.017		
1,3,5-TRIMETHYLBENZENE	U	0.019	mg/kg	1	0.019		
VINYL ACETATE	U	0.053	mg/kg	1	0.053		
VINYL CHLORIDE	U	0.037	mg/kg	1	0.037		
O-XYLENE	U	0.023	mg/kg	1	0.023		
M+P XYLENES	U	0.029	mg/kg	1	0.029		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		88.2	% recovery	1			
D5-CHLOROBENZENE		89.0	% recovery	1			
D4-1,4-DICHLOROBENZENE	N	48.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		105	% recovery	1			
D4-DICHLOROETHANE		96.2	% recovery	1			
D8-TOLUENE		97.4	% recovery	1			
4-BROMOFLUOROBENZENE		94.2	% recovery	1			

Run ID: R182207 / Work Group No.: WG153312

Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 04:11

Method: EPA 8270C - Semivolatiles Organics: GC/MS						Soil	
TARGET ANALYTES							
ACENAPHTHENE	U	0.027	mg/kg	1	0.027		
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048		
ANILINE	U	0.053	mg/kg	1	0.053		
ANTHRACENE	U	0.074	mg/kg	1	0.074		
AZOBENZENE	U	0.081	mg/kg	1	0.081		
BENZIDINE	U	1.0	mg/kg	1	1		
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078		
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05		
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042		
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12		
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065		
BENZOIC ACID	U	1.0	mg/kg	1	1		
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083		
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078		
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054		
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076		
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18		
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055		
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057		
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039		
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029		
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051		
CHRYSENE	U	0.061	mg/kg	1	0.061		
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063		
DIBENZOFURAN	U	0.045	mg/kg	1	0.045		
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16		
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609-20
 Lab ID: L150951-20 (P152966-20)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 09:15am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609-20; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.66	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		103	% recovery	1	1		
D8-NAPHTHALENE		107	% recovery	1	1		
D10-ACENAPHTHENE		97.0	% recovery	1	1		
D10-PHENANTHRENE		98.8	% recovery	1	1		
D12-CHRYSENE		95.0	% recovery	1	1		
D12-PERYLENE		96.8	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	53	% recovery	1			
D5-PHENOL	D	50	% recovery	1			
D5-NITROBENZENE	D	61	% recovery	1			
2-FLUOROBIPHENYL		64	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	48	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0609-20
 Lab ID: L150951-20 (P152966-20)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 09:15am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0609-20; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D14-P-TERPHENYL		89	% recovery	1		RL/ML	

Run ID: R182200 / Work Group No.: WG153325
 Prep Date1: 06-APR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 11:34

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC	U	0.825	mg/kg	.0825	0.825
BARIUM		44.9	mg/kg	.0825	0.165
BERYLLIUM		0.253	mg/kg	.0825	0.0413
CADMIUM	U	0.0743	mg/kg	.0825	0.0743
COBALT		4.34	mg/kg	.0825	0.0908
CHROMIUM		30.5	mg/kg	.0825	0.165
COPPER		5.75	mg/kg	.0825	0.33
MOLYBDENUM	U	0.165	mg/kg	.0825	0.165
NICKEL		18.2	mg/kg	.0825	0.248
LEAD		2.12	mg/kg	.0825	0.578
ANTIMONY	U	0.825	mg/kg	.0825	0.825
SELENIUM	U	1.07	mg/kg	.0825	1.07
THALLIUM	U	0.908	mg/kg	.0825	0.908
VANADIUM		21.2	mg/kg	.0825	0.66
ZINC		19.7	mg/kg	.0825	0.33

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 12:03

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.038	mg/kg	1	0.02
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Run ID: R181530 / Work Group No.: WG153272
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.034	mg/kg	1	0.01
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Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709-16
 Lab ID: L150951-21 (P152966-21)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 10:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709-16; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	U	18	mg/kg	1	18		
<i>INTERNAL STANDARD</i>							
5-A-ANDROSTANE		56.1	% recovery	1			
Run ID: R181744 / Work Group No.: WG153431							
Prep Date1: 03-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 09:43							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
<i>TARGET ANALYTES</i>							
GASOLINE	U	0.57	mg/kg	1	0.57		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		110	% recovery	1			
D5-CHLOROBENZENE		109	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		102	% recovery	1			
D4-DICHLOROETHANE		98.0	% recovery	1			
D8-TOLUENE		102	% recovery	1			
4-BROMOFLUOROBENZENE		97.4	% recovery	1			
Run ID: R182219 / Work Group No.: WG153313							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 04:50							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACETONE		0.25	mg/kg	1	0.075		
ACROLEIN	U	0.068	mg/kg	1	0.068		
ACRYLONITRILE	U	0.050	mg/kg	1	0.05		
ALLYL CHLORIDE	U	0.040	mg/kg	1	0.04		
TERT-AMYL METHYL ETHER	U	0.022	mg/kg	1	0.022		
BENZENE	U	0.023	mg/kg	1	0.023		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.022	mg/kg	1	0.022		
BROMOBENZENE	U	0.015	mg/kg	1	0.015		
BROMOCHLOROMETHANE	U	0.030	mg/kg	1	0.03		
BROMODICHLOROMETHANE	U	0.021	mg/kg	1	0.021		
BROMOFORM	U	0.020	mg/kg	1	0.02		
BROMOMETHANE	U	0.12	mg/kg	1	0.12		
1,3-BUTADIENE	U	0.062	mg/kg	1	0.062		
TERT-BUTYL ALCOHOL	U	0.51	mg/kg	1	0.51		
N-BUTYLBENZENE	U	0.019	mg/kg	1	0.019		
SEC-BUTYLBENZENE	U	0.017	mg/kg	1	0.017		
TERT-BUTYLBENZENE	U	0.016	mg/kg	1	0.016		
CARBON DISULFIDE	U	0.032	mg/kg	1	0.032		
CARBON TETRACHLORIDE	U	0.025	mg/kg	1	0.025		
CHLOROACETONITRILE	U	0.029	mg/kg	1	0.029		
CHLOROBENZENE	U	0.022	mg/kg	1	0.022		
1-CHLOROBUTANE	U	0.025	mg/kg	1	0.025		
CHLOROETHANE	U	0.048	mg/kg	1	0.048		
2-CHLOROETHYLVINYL ETHER	U	0.058	mg/kg	1	0.058		
CHLOROFORM	U	0.024	mg/kg	1	0.024		
CHLOROMETHANE	U	0.053	mg/kg	1	0.053		
O-CHLOROTOLUENE	U	0.023	mg/kg	1	0.023		
P-CHLOROTOLUENE	U	0.018	mg/kg	1	0.018		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709-16
 Lab ID: L150951-21 (P152966-21)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 10:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709-16; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
DIBROMOCHLOROMETHANE	U	0.043	mg/kg	1	0.043		
DIBROMOCHLOROPROPANE	U	0.032	mg/kg	1	0.032		
DIBROMOMETHANE	U	0.024	mg/kg	1	0.024		
1,2-DICHLOROBENZENE	U	0.019	mg/kg	1	0.019		
1,3-DICHLOROBENZENE	U	0.026	mg/kg	1	0.026		
1,4-DICHLOROBENZENE	U	0.028	mg/kg	1	0.028		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.026	mg/kg	1	0.026		
DICHLORODIFLUOROMETHANE	U	0.035	mg/kg	1	0.035		
1,1-DICHLOROETHANE	U	0.033	mg/kg	1	0.033		
1,2-DICHLOROETHANE	U	0.025	mg/kg	1	0.025		
1,1-DICHLOROETHENE	U	0.032	mg/kg	1	0.032		
CIS-1,2-DICHLOROETHENE	U	0.028	mg/kg	1	0.028		
TRANS-1,2-DICHLOROETHENE	U	0.025	mg/kg	1	0.025		
1,2-DICHLOROPROPANE	U	0.032	mg/kg	1	0.032		
1,3-DICHLOROPROPANE	U	0.022	mg/kg	1	0.022		
SEC-DICHLOROPROPANE	U	0.039	mg/kg	1	0.039		
1,1-DICHLORO-2-PROPANONE	U	0.036	mg/kg	1	0.036		
1,1-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
CIS-1,3-DICHLOROPROPENE	U	0.029	mg/kg	1	0.029		
TRANS-1,3-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
DIISOPROPYL ETHER	U	0.042	mg/kg	1	0.042		
ETHYL ACETATE	U	0.038	mg/kg	1	0.038		
ETHYL BENZENE	U	0.027	mg/kg	1	0.027		
ETHYL-T-BUTYL ETHER	U	0.028	mg/kg	1	0.028		
ETHYLENE DIBROMIDE	U	0.024	mg/kg	1	0.024		
ETHYL ETHER	U	0.050	mg/kg	1	0.05		
ETHYLMETHACRYLATE	U	0.026	mg/kg	1	0.026		
FLUOROTRICHLOROMETHANE	U	0.041	mg/kg	1	0.041		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBUTADIENE	U	0.034	mg/kg	1	0.034		
HEXACHLOROETHANE	U	0.020	mg/kg	1	0.02		
2-HEXANONE	U	0.039	mg/kg	1	0.039		
IODOMETHANE	U	0.093	mg/kg	1	0.093		
ISOPROPYLBENZENE	U	0.022	mg/kg	1	0.022		
P-ISOPROPYLTOLUENE	U	0.026	mg/kg	1	0.026		
METHYLACRYLATE	U	0.022	mg/kg	1	0.022		
METHYLACRYLONITRILE	U	0.029	mg/kg	1	0.029		
METHYL-T-BUTYL ETHER	U	0.050	mg/kg	1	0.05		
2-BUTANONE	U	0.064	mg/kg	1	0.064		
METHYLENE CHLORIDE		5.7	mg/kg	1	0.036		
4-METHYL-2-PENTANONE	U	0.017	mg/kg	1	0.017		
METHYLMETHACRYLATE	U	0.020	mg/kg	1	0.02		
NAPHTHALENE	U	0.052	mg/kg	1	0.052		
NITROBENZENE	U	0.061	mg/kg	1	0.061		
2-NITROPROPANE	U	0.043	mg/kg	1	0.043		
PENTACHLOROETHANE	U	0.15	mg/kg	1	0.15		
N-PROPYLBENZENE	U	0.018	mg/kg	1	0.018		
STYRENE	U	0.033	mg/kg	1	0.033		
1,1,1,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
1,1,2,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
TETRACHLOROETHENE	U	0.033	mg/kg	1	0.033		
TETRAHYDROFURAN	U	0.046	mg/kg	1	0.046		
TOLUENE	U	0.020	mg/kg	1	0.02		
1,2,3-TRICHLOROBENZENE	U	0.045	mg/kg	1	0.045		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709-16
 Lab ID: L150951-21 (P152966-21)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 10:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709-16; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,2,4-TRICHLOROBENZENE	U	0.039	mg/kg	1	0.039		
1,1,1-TRICHLOROETHANE	U	0.026	mg/kg	1	0.026		
1,1,2-TRICHLOROETHANE	U	0.024	mg/kg	1	0.024		
TRICHLOROETHENE	U	0.027	mg/kg	1	0.027		
1,2,3-TRICHLOROPROPANE	U	0.031	mg/kg	1	0.031		
1,2,4-TRIMETHYLBENZENE	U	0.017	mg/kg	1	0.017		
1,3,5-TRIMETHYLBENZENE	U	0.019	mg/kg	1	0.019		
VINYL ACETATE	U	0.053	mg/kg	1	0.053		
VINYL CHLORIDE	U	0.037	mg/kg	1	0.037		
O-XYLENE	U	0.023	mg/kg	1	0.023		
M+P XYLENES	U	0.029	mg/kg	1	0.029		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		87.4	% recovery	1			
D5-CHLOROBENZENE		85.8	% recovery	1			
D4-1,4-DICHLOROBENZENE	N	39.8	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		104	% recovery	1			
D4-DICHLOROETHANE		99.0	% recovery	1			
D8-TOLUENE		102	% recovery	1			
4-BROMOFLUOROBENZENE		93.0	% recovery	1			

Run ID: R182207 / Work Group No.: WG153312
 Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 04:50

Method: EPA 8270C - Semivolatle Organics: GC/MS						Soil
TARGET ANALYTES						
ACENAPHTHENE	U	0.027	mg/kg	1	0.027	
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048	
ANILINE	U	0.053	mg/kg	1	0.053	
ANTHRACENE	U	0.074	mg/kg	1	0.074	
AZOBENZENE	U	0.081	mg/kg	1	0.081	
BENZIDINE	U	1.0	mg/kg	1	1	
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078	
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05	
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042	
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12	
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065	
BENZOIC ACID	U	1.0	mg/kg	1	1	
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083	
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078	
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054	
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034	
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036	
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076	
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18	
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055	
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057	
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039	
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029	
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051	
CHRYSENE	U	0.061	mg/kg	1	0.061	
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045	
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16	
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021	

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709-16
 Lab ID: L150951-21 (P152966-21)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 10:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709-16; Soil Sample

Method Reference						Matrix	Tag
Parameter	Qualifier	Result	Units	Dilution	MDL	RL/ML	
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.76	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		105	% recovery	1	1		
D8-NAPHTHALENE		108	% recovery	1	1		
D10-ACENAPHTHENE		101	% recovery	1	1		
D10-PHENANTHRENE		100	% recovery	1	1		
D12-CHRYSENE		97.2	% recovery	1	1		
D12-PERYLENE		97.9	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	44	% recovery	1			
D5-PHENOL	D	44	% recovery	1			
D5-NITROBENZENE	D	43	% recovery	1			
2-FLUOROBIPHENYL	D	56	% recovery	1			
2,4,6-TRIBROMOPHENOL	D	44	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 0709-16
 Lab ID: L150951-21 (P152966-21)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 24 2009, 10:30am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 0709-16; Soil Sample

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
D14-P-TERPHENYL		84	% recovery	1			
Run ID: R182200 / Work Group No.: WG153325							
Prep Date1: 06-APR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 12:18							

Method: EPA 6010B - ICP Metals	Soil						
TARGET ANALYTES							
ARSENIC	U	0.951	mg/kg	.0951		0.951	
BARIUM		260	mg/kg	.0951		0.19	
BERYLLIUM		0.479	mg/kg	.0951		0.0475	
CADMIUM	U	0.0856	mg/kg	.0951		0.0856	
COBALT		5.66	mg/kg	.0951		0.105	
CHROMIUM		46.3	mg/kg	.0951		0.19	
COPPER		10.5	mg/kg	.0951		0.38	
MOLYBDENUM		0.205	mg/kg	.0951		0.19	
NICKEL		28.6	mg/kg	.0951		0.285	
LEAD		3.94	mg/kg	.0951		0.665	
ANTIMONY	U	0.951	mg/kg	.0951		0.951	
SELENIUM	U	1.24	mg/kg	.0951		1.24	
THALLIUM	U	1.05	mg/kg	.0951		1.05	
VANADIUM		44.3	mg/kg	.0951		0.76	
ZINC		51.3	mg/kg	.0951		0.38	
Run ID: R182072 / Work Group No.: WG153563							
Prep Date1: 16-APR-09 Analyzed 16-Apr-09 12:06							

Method: EPA 7471 - Mercury: Cold Vapor	Soil						
TARGET ANALYTES							
MERCURY		0.037	mg/kg	1		0.02	
Run ID: R181537 / Work Group No.: WG153273							
Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08							

Method: EPA 7761 - Silver: Graphite Furnace	Soil						
TARGET ANALYTES							
SILVER		0.074	mg/kg	1		0.01	
Run ID: R182102 / Work Group No.: WG153558							
Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26							

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3409-5
 Lab ID: L150951-22 (P152966-22)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:50am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3409-5 ; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
TARGET ANALYTES							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)		350	mg/kg	1	18		
INTERNAL STANDARD							
5-A-ANDROSTANE		58.5	% recovery	1			
Run ID: R181744 / Work Group No.: WG153431							
Prep Date1: 03-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 10:09							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
TARGET ANALYTES							
GASOLINE	U	0.57	mg/kg	1	0.57		
INTERNAL STANDARD							
FLUOROBENZENE		112	% recovery	1			
D5-CHLOROBENZENE		110	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		104	% recovery	1			
D4-DICHLOROETHANE		97.8	% recovery	1			
D8-TOLUENE		100	% recovery	1			
4-BROMOFLUOROBENZENE		95.4	% recovery	1			
Run ID: R182219 / Work Group No.: WG153313							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 14:04							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
TARGET ANALYTES							
ACETONE		0.79	mg/kg	1	0.075		
ACROLEIN	U	0.068	mg/kg	1	0.068		
ACRYLONITRILE	U	0.050	mg/kg	1	0.05		
ALLYL CHLORIDE	U	0.040	mg/kg	1	0.04		
TERT-AMYL METHYL ETHER	U	0.022	mg/kg	1	0.022		
BENZENE	U	0.023	mg/kg	1	0.023		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.022	mg/kg	1	0.022		
BROMOBENZENE	U	0.015	mg/kg	1	0.015		
BROMOCHLOROMETHANE	U	0.030	mg/kg	1	0.03		
BROMODICHLOROMETHANE	U	0.021	mg/kg	1	0.021		
BROMOFORM	U	0.020	mg/kg	1	0.02		
BROMOMETHANE	U	0.12	mg/kg	1	0.12		
1,3-BUTADIENE	U	0.062	mg/kg	1	0.062		
TERT-BUTYL ALCOHOL	U	0.51	mg/kg	1	0.51		
N-BUTYLBENZENE	U	0.019	mg/kg	1	0.019		
SEC-BUTYLBENZENE	U	0.017	mg/kg	1	0.017		
TERT-BUTYLBENZENE	U	0.016	mg/kg	1	0.016		
CARBON DISULFIDE	U	0.032	mg/kg	1	0.032		
CARBON TETRACHLORIDE	U	0.025	mg/kg	1	0.025		
CHLOROACETONITRILE	U	0.029	mg/kg	1	0.029		
CHLOROBENZENE	U	0.022	mg/kg	1	0.022		
1-CHLOROBUTANE	U	0.025	mg/kg	1	0.025		
CHLOROETHANE	U	0.048	mg/kg	1	0.048		
2-CHLOROETHYLVINYL ETHER	U	0.058	mg/kg	1	0.058		
CHLOROFORM	U	0.024	mg/kg	1	0.024		
CHLOROMETHANE	U	0.071	mg/kg	1	0.053		
O-CHLOROTOLUENE	U	0.023	mg/kg	1	0.023		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3409-5
 Lab ID: L150951-22 (P152966-22)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:50am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3409-5 ; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
P-CHLOROTOLUENE	U	0.018	mg/kg	1	0.018		
DIBROMOCHLOROMETHANE	U	0.043	mg/kg	1	0.043		
DIBROMOCHLOROPROPANE	U	0.032	mg/kg	1	0.032		
DIBROMOMETHANE	U	0.024	mg/kg	1	0.024		
1,2-DICHLOROBENZENE	U	0.019	mg/kg	1	0.019		
1,3-DICHLOROBENZENE	U	0.026	mg/kg	1	0.026		
1,4-DICHLOROBENZENE	U	0.028	mg/kg	1	0.028		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.026	mg/kg	1	0.026		
DICHLORODIFLUOROMETHANE	U	0.035	mg/kg	1	0.035		
1,1-DICHLOROETHANE	U	0.033	mg/kg	1	0.033		
1,2-DICHLOROETHANE	U	0.025	mg/kg	1	0.025		
1,1-DICHLOROETHENE	U	0.032	mg/kg	1	0.032		
CIS-1,2-DICHLOROETHENE	U	0.028	mg/kg	1	0.028		
TRANS-1,2-DICHLOROETHENE	U	0.025	mg/kg	1	0.025		
1,2-DICHLOROPROPANE	U	0.032	mg/kg	1	0.032		
1,3-DICHLOROPROPANE	U	0.022	mg/kg	1	0.022		
SEC-DICHLOROPROPANE	U	0.039	mg/kg	1	0.039		
1,1-DICHLORO-2-PROPANONE	U	0.036	mg/kg	1	0.036		
1,1-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
CIS-1,3-DICHLOROPROPENE	U	0.029	mg/kg	1	0.029		
TRANS-1,3-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
DIISOPROPYL ETHER	U	0.042	mg/kg	1	0.042		
ETHYL ACETATE	U	0.038	mg/kg	1	0.038		
ETHYL BENZENE	U	0.027	mg/kg	1	0.027		
ETHYL-T-BUTYL ETHER	U	0.028	mg/kg	1	0.028		
ETHYLENE DIBROMIDE	U	0.024	mg/kg	1	0.024		
ETHYL ETHER	U	0.050	mg/kg	1	0.05		
ETHYLMETHACRYLATE	U	0.026	mg/kg	1	0.026		
FLUOROTRICHLOROMETHANE	U	0.041	mg/kg	1	0.041		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBUTADIENE	U	0.034	mg/kg	1	0.034		
HEXACHLOROETHANE	U	0.020	mg/kg	1	0.02		
2-HEXANONE	U	0.039	mg/kg	1	0.039		
IODOMETHANE	U	0.093	mg/kg	1	0.093		
ISOPROPYLBENZENE	U	0.022	mg/kg	1	0.022		
P-ISOPROPYLTOLUENE	U	0.026	mg/kg	1	0.026		
METHYLACRYLATE	U	0.022	mg/kg	1	0.022		
METHYLACRYLONITRILE	U	0.029	mg/kg	1	0.029		
METHYL-T-BUTYL ETHER	U	0.050	mg/kg	1	0.05		
2-BUTANONE	U	0.064	mg/kg	1	0.064		
METHYLENE CHLORIDE	U	6.7	mg/kg	1	0.036		
4-METHYL-2-PENTANONE	U	0.017	mg/kg	1	0.017		
METHYLMETHACRYLATE	U	0.020	mg/kg	1	0.02		
NAPHTHALENE	U	0.052	mg/kg	1	0.052		
NITROBENZENE	U	0.061	mg/kg	1	0.061		
2-NITROPROPANE	U	0.043	mg/kg	1	0.043		
PENTACHLOROETHANE	U	0.15	mg/kg	1	0.15		
N-PROPYLBENZENE	U	0.018	mg/kg	1	0.018		
STYRENE	U	0.033	mg/kg	1	0.033		
1,1,1,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
1,1,2,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
TETRACHLOROETHENE	U	0.033	mg/kg	1	0.033		
TETRAHYDROFURAN	U	0.046	mg/kg	1	0.046		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3409-5
 Lab ID: L150951-22 (P152966-22)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:50am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3409-5 ; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Parameter	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
	TOLUENE	U	0.020	mg/kg	1	0.02	RL/ML	
	1,2,3-TRICHLOROBENZENE	U	0.045	mg/kg	1	0.045		
	1,2,4-TRICHLOROBENZENE	U	0.039	mg/kg	1	0.039		
	1,1,1-TRICHLOROETHANE	U	0.026	mg/kg	1	0.026		
	1,1,2-TRICHLOROETHANE	U	0.024	mg/kg	1	0.024		
	TRICHLOROETHENE	U	0.027	mg/kg	1	0.027		
	1,2,3-TRICHLOROPROPANE	U	0.031	mg/kg	1	0.031		
	1,2,4-TRIMETHYLBENZENE	U	0.017	mg/kg	1	0.017		
	1,3,5-TRIMETHYLBENZENE	U	0.019	mg/kg	1	0.019		
	VINYL ACETATE	U	0.053	mg/kg	1	0.053		
	VINYL CHLORIDE	U	0.037	mg/kg	1	0.037		
	O-XYLENE	U	0.023	mg/kg	1	0.023		
	M+P XYLENES	U	0.029	mg/kg	1	0.029		
	INTERNAL STANDARD							
	FLUOROBENZENE		88.4	% recovery	1			
	D5-CHLOROBENZENE		86.4	% recovery	1			
	D4-1,4-DICHLOROBENZENE		50.0	% recovery	1			
	SURROGATE							
	DIBROMOFLUOROMETHANE		105	% recovery	1			
	D4-DICHLOROETHANE		98.8	% recovery	1			
	D8-TOLUENE		99.8	% recovery	1			
	4-BROMOFLUOROBENZENE		91.0	% recovery	1			
	Run ID: R182207 / Work Group No.: WG153312							
	Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 14:04							

Method: EPA 8270C - Semivolatile Organics: GC/MS	Soil
TARGET ANALYTES	
ACENAPHTHENE	U 0.027 mg/kg 1 0.027
ACENAPHTHYLENE	U 0.048 mg/kg 1 0.048
ANILINE	U 0.053 mg/kg 1 0.053
ANTHRACENE	U 0.074 mg/kg 1 0.074
AZOBENZENE	U 0.081 mg/kg 1 0.081
BENZIDINE	U 1.0 mg/kg 1 1
BENZO(A)ANTHRACENE	U 0.078 mg/kg 1 0.078
BENZO(B)FLUORANTHENE	U 0.050 mg/kg 1 0.05
BENZO(K)FLUORANTHENE	U 0.042 mg/kg 1 0.042
BENZO(GHI)PERYLENE	U 0.12 mg/kg 1 0.12
BENZO(A)PYRENE	U 0.065 mg/kg 1 0.065
BENZOIC ACID	U 1.0 mg/kg 1 1
BENZYL ALCOHOL	U 0.083 mg/kg 1 0.083
BUTYLBENZYL PHTHALATE	U 0.078 mg/kg 1 0.078
BIS(2-CHLOROETHOXY)METHANE	U 0.054 mg/kg 1 0.054
BIS(2-CHLOROETHYL)ETHER	U 0.034 mg/kg 1 0.034
BIS(2-CHLOROISOPROPYL)ETHER	U 0.036 mg/kg 1 0.036
BIS(2-ETHYLHEXYL)PHTHALATE	U 0.076 mg/kg 1 0.076
4-BROMOPHENYL PHENYL ETHER	U 0.18 mg/kg 1 0.18
4-CHLOROANILINE	U 0.055 mg/kg 1 0.055
P-CHLORO-M-CRESOL	U 0.057 mg/kg 1 0.057
2-CHLORONAPHTHALENE	U 0.039 mg/kg 1 0.039
2-CHLOROPHENOL	U 0.029 mg/kg 1 0.029
4-CHLOROPHENYL PHENYL ETHER	U 0.051 mg/kg 1 0.051
CHRYSENE	U 0.061 mg/kg 1 0.061
DIBENZO(A,H)ANTHRACENE	U 0.063 mg/kg 1 0.063

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3409-5
 Lab ID: L150951-22 (P152966-22)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:50am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3409-5 ; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045		
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16		
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL		0.17	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		101	% recovery	1	1		
D8-NAPHTHALENE		105	% recovery	1	1		
D10-ACENAPHTHENE		97.9	% recovery	1	1		
D10-PHENANTHRENE		104	% recovery	1	1		
D12-CHRYSENE		100	% recovery	1	1		
D12-PERYLENE		105	% recovery	1	1		
SURROGATE							
2-FLUOROPHENOL	D	40	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3409-5
 Lab ID: L150951-22 (P152966-22)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 10:50am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3409-5 ; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D5-PHENOL	D	38	% recovery	1		RL/ML	
D5-NITROBENZENE	D	46	% recovery	1			
2-FLUOROBIPHENYL	D	50	% recovery	1			
2,4,6-TRIBROMOPHENOL		57	% recovery	1			
D14-P-TERPHENYL		86	% recovery	1			

Run ID: R182200 / Work Group No.: WG153325
 Prep Date1: 06-APR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 13:02

Method: EPA 6010B - ICP Metals	Soil					
TARGET ANALYTES						
ARSENIC		1.30	mg/kg	.0904	0.904	
BARIUM		39.7	mg/kg	.0904	0.181	
BERYLLIUM		0.368	mg/kg	.0904	0.0452	
CADMIUM	U	0.0814	mg/kg	.0904	0.0814	
COBALT		7.62	mg/kg	.0904	0.0995	
CHROMIUM		68.4	mg/kg	.0904	0.181	
COPPER		21.9	mg/kg	.0904	0.362	
MOLYBDENUM	U	0.181	mg/kg	.0904	0.181	
NICKEL		41.1	mg/kg	.0904	0.271	
LEAD		8.60	mg/kg	.0904	0.633	
ANTIMONY	U	0.904	mg/kg	.0904	0.904	
SELENIUM	U	1.18	mg/kg	.0904	1.18	
THALLIUM	U	0.995	mg/kg	.0904	0.995	
VANADIUM		55.6	mg/kg	.0904	0.723	
ZINC		55.1	mg/kg	.0904	0.362	

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 12:10

Method: EPA 6010B: WET - ICP Scan	WET-Citric					
TARGET ANALYTES						
CHROMIUM		871	ug/L	11	33	

Run ID: R182305 / Work Group No.: WG153675
 Prep Date1: 22-APR-09 Analyzed 22-Apr-09 10:25

Method: EPA 7471 - Mercury: Cold Vapor	Soil					
TARGET ANALYTES						
MERCURY		0.081	mg/kg	1	0.02	

Run ID: R181537 / Work Group No.: WG153273
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace	Soil					
TARGET ANALYTES						
SILVER		0.067	mg/kg	1	0.01	

Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3509-5
 Lab ID: L150951-23 (P152966-23)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:20am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3509-5; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
TARGET ANALYTES							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)		12,000	mg/kg	1	18		
INTERNAL STANDARD							
5-A-ANDROSTANE		94.7	% recovery	1			
Run ID: R181744 / Work Group No.: WG153431							
Prep Date1: 03-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 10:35							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
TARGET ANALYTES							
GASOLINE		5.6	mg/kg	1	0.57		
INTERNAL STANDARD							
FLUOROBENZENE		107	% recovery	1			
D5-CHLOROBENZENE		112	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		104	% recovery	1			
D4-DICHLOROETHANE		96.4	% recovery	1			
D8-TOLUENE		107	% recovery	1			
4-BROMOFLUOROBENZENE		108	% recovery	1			
Run ID: R182219 / Work Group No.: WG153313							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 14:44							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
TARGET ANALYTES							
ACETONE		0.46	mg/kg	1	0.075		
ACROLEIN	U	0.068	mg/kg	1	0.068		
ACRYLONITRILE	U	0.050	mg/kg	1	0.05		
ALLYL CHLORIDE	U	0.040	mg/kg	1	0.04		
TERT-AMYL METHYL ETHER	U	0.022	mg/kg	1	0.022		
BENZENE	U	0.023	mg/kg	1	0.023		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.022	mg/kg	1	0.022		
BROMOBENZENE	U	0.015	mg/kg	1	0.015		
BROMOCHLOROMETHANE	U	0.030	mg/kg	1	0.03		
BROMODICHLOROMETHANE	U	0.021	mg/kg	1	0.021		
BROMOFORM	U	0.020	mg/kg	1	0.02		
BROMOMETHANE	U	0.12	mg/kg	1	0.12		
1,3-BUTADIENE	U	0.062	mg/kg	1	0.062		
TERT-BUTYL ALCOHOL	U	0.51	mg/kg	1	0.51		
N-BUTYLBENZENE		0.069	mg/kg	1	0.019		
SEC-BUTYLBENZENE	U	0.017	mg/kg	1	0.017		
TERT-BUTYLBENZENE	U	0.016	mg/kg	1	0.016		
CARBON DISULFIDE	U	0.032	mg/kg	1	0.032		
CARBON TETRACHLORIDE	U	0.025	mg/kg	1	0.025		
CHLOROACETONITRILE	U	0.029	mg/kg	1	0.029		
CHLOROBENZENE	U	0.022	mg/kg	1	0.022		
1-CHLOROBUTANE	U	0.025	mg/kg	1	0.025		
CHLOROETHANE	U	0.048	mg/kg	1	0.048		
2-CHLOROETHYLVINYL ETHER	U	0.058	mg/kg	1	0.058		
CHLOROFORM	U	0.024	mg/kg	1	0.024		
CHLOROMETHANE		0.070	mg/kg	1	0.053		
O-CHLOROTOLUENE	U	0.023	mg/kg	1	0.023		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3509-5
 Lab ID: L150951-23 (P152966-23)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:20am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3509-5; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
P-CHLOROTOLUENE	U	0.018	mg/kg	1	0.018		
DIBROMOCHLOROMETHANE	U	0.043	mg/kg	1	0.043		
DIBROMOCHLOROPROPANE	U	0.032	mg/kg	1	0.032		
DIBROMOMETHANE	U	0.024	mg/kg	1	0.024		
1,2-DICHLOROBENZENE	U	0.019	mg/kg	1	0.019		
1,3-DICHLOROBENZENE	U	0.026	mg/kg	1	0.026		
1,4-DICHLOROBENZENE	U	0.028	mg/kg	1	0.028		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.026	mg/kg	1	0.026		
DICHLORODIFLUOROMETHANE	U	0.035	mg/kg	1	0.035		
1,1-DICHLOROETHANE	U	0.033	mg/kg	1	0.033		
1,2-DICHLOROETHANE	U	0.025	mg/kg	1	0.025		
1,1-DICHLOROETHENE	U	0.032	mg/kg	1	0.032		
CIS-1,2-DICHLOROETHENE	U	0.028	mg/kg	1	0.028		
TRANS-1,2-DICHLOROETHENE	U	0.025	mg/kg	1	0.025		
1,2-DICHLOROPROPANE	U	0.032	mg/kg	1	0.032		
1,3-DICHLOROPROPANE	U	0.022	mg/kg	1	0.022		
SEC-DICHLOROPROPANE	U	0.039	mg/kg	1	0.039		
1,1-DICHLORO-2-PROPANONE	U	0.036	mg/kg	1	0.036		
1,1-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
CIS-1,3-DICHLOROPROPENE	U	0.029	mg/kg	1	0.029		
TRANS-1,3-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
DIISOPROPYL ETHER	U	0.042	mg/kg	1	0.042		
ETHYL ACETATE	U	0.038	mg/kg	1	0.038		
ETHYL BENZENE	U	0.027	mg/kg	1	0.027		
ETHYL-T-BUTYL ETHER	U	0.028	mg/kg	1	0.028		
ETHYLENE DIBROMIDE	U	0.024	mg/kg	1	0.024		
ETHYL ETHER	U	0.050	mg/kg	1	0.05		
ETHYLMETHACRYLATE	U	0.026	mg/kg	1	0.026		
FLUOROTRICHLOROMETHANE	U	0.041	mg/kg	1	0.041		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBUTADIENE	U	0.034	mg/kg	1	0.034		
HEXACHLOROETHANE	U	0.020	mg/kg	1	0.02		
2-HEXANONE	U	0.039	mg/kg	1	0.039		
IODOMETHANE	U	0.093	mg/kg	1	0.093		
ISOPROPYLBENZENE	U	0.022	mg/kg	1	0.022		
P-ISOPROPYLTOLUENE	U	0.026	mg/kg	1	0.026		
METHYLACRYLATE	U	0.022	mg/kg	1	0.022		
METHYLACRYLONITRILE	U	0.029	mg/kg	1	0.029		
METHYL-T-BUTYL ETHER	U	0.050	mg/kg	1	0.05		
2-BUTANONE		0.13	mg/kg	1	0.064		
METHYLENE CHLORIDE		4.5	mg/kg	1	0.036		
4-METHYL-2-PENTANONE	U	0.017	mg/kg	1	0.017		
METHYLMETHACRYLATE	U	0.020	mg/kg	1	0.02		
NAPHTHALENE	U	0.052	mg/kg	1	0.052		
NITROBENZENE	U	0.061	mg/kg	1	0.061		
2-NITROPROPANE	U	0.043	mg/kg	1	0.043		
PENTACHLOROETHANE	U	0.15	mg/kg	1	0.15		
N-PROPYLBENZENE	U	0.018	mg/kg	1	0.018		
STYRENE	U	0.033	mg/kg	1	0.033		
1,1,1,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
1,1,2,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
TETRACHLOROETHENE	U	0.033	mg/kg	1	0.033		
TETRAHYDROFURAN	U	0.046	mg/kg	1	0.046		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3509-5
 Lab ID: L150951-23 (P152966-23)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:20am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3509-5; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
TOLUENE	U	0.020	mg/kg	1	0.02		
1,2,3-TRICHLOROBENZENE	U	0.045	mg/kg	1	0.045		
1,2,4-TRICHLOROBENZENE	U	0.039	mg/kg	1	0.039		
1,1,1-TRICHLOROETHANE	U	0.026	mg/kg	1	0.026		
1,1,2-TRICHLOROETHANE	U	0.024	mg/kg	1	0.024		
TRICHLOROETHENE	U	0.027	mg/kg	1	0.027		
1,2,3-TRICHLOROPROPANE	U	0.031	mg/kg	1	0.031		
1,2,4-TRIMETHYLBENZENE		0.053	mg/kg	1	0.017		
1,3,5-TRIMETHYLBENZENE		0.030	mg/kg	1	0.019		
VINYL ACETATE	U	0.053	mg/kg	1	0.053		
VINYL CHLORIDE	U	0.037	mg/kg	1	0.037		
O-XYLENE	U	0.023	mg/kg	1	0.023		
M+P XYLENES	U	0.029	mg/kg	1	0.029		
INTERNAL STANDARD							
FLUOROBENZENE		85.0	% recovery	1			
D5-CHLOROBENZENE		88.4	% recovery	1			
D4-1,4-DICHLOROBENZENE		75.2	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		106	% recovery	1			
D4-DICHLOROETHANE		97.4	% recovery	1			
D8-TOLUENE		106	% recovery	1			
4-BROMOFLUOROBENZENE		104	% recovery	1			
Run ID: R182207 / Work Group No.: WG153312							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 14:44							

Method: EPA 8270C - Semivolatile Organics: GC/MS						Soil	
TARGET ANALYTES							
ACENAPHTHENE	U	0.027	mg/kg	1	0.027		
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048		
ANILINE	U	0.053	mg/kg	1	0.053		
ANTHRACENE	U	0.074	mg/kg	1	0.074		
AZOBENZENE	U	0.081	mg/kg	1	0.081		
BENZIDINE	U	1.0	mg/kg	1	1		
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078		
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05		
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042		
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12		
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065		
BENZOIC ACID	U	1.0	mg/kg	1	1		
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083		
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078		
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054		
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036		
BIS(2-ETHYLHEXYL)PHTHALATE		0.23	mg/kg	1	0.076		
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18		
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055		
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057		
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039		
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029		
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051		
CHRYSENE	U	0.061	mg/kg	1	0.061		
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3509-5
 Lab ID: L150951-23 (P152966-23)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:20am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3509-5; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix RL/ML	Tag
DIBENZOFURAN	U	0.045	mg/kg	1	0.045		
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16		
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE		0.077	mg/kg	1	0.062		
PHENOL		0.31	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
<i>INTERNAL STANDARD</i>							
D4-1,4-DICHLOROBENZENE		94.0	% recovery	1	1		
D8-NAPHTHALENE		100	% recovery	1	1		
D10-ACENAPHTHENE		103	% recovery	1	1		
D10-PHENANTHRENE		103	% recovery	1	1		
D12-CHRYSENE		125	% recovery	1	1		
D12-PERYLENE		102	% recovery	1	1		
<i>SURROGATE</i>							
2-FLUOROPHENOL	D	47	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3509-5
 Lab ID: L150951-23 (P152966-23)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 11:20am Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3509-5; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D5-PHENOL	D	49	% recovery	1		RL/ML	
D5-NITROBENZENE	D	59	% recovery	1			
2-FLUOROBIPHENYL		61	% recovery	1			
2,4,6-TRIBROMOPHENOL		64	% recovery	1			
D14-P-TERPHENYL		78	% recovery	1			

Run ID: R182200 / Work Group No.: WG153325
 Prep Date1: 06-APR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 13:46

Method: EPA 6010B - ICP Metals	Soil						
TARGET ANALYTES							
ARSENIC		8.10	mg/kg	.0945		0.945	
BARIUM		50.7	mg/kg	.0945		0.189	
BERYLLIUM		0.340	mg/kg	.0945		0.0473	
CADMIUM		0.200	mg/kg	.0945		0.0851	
COBALT		7.78	mg/kg	.0945		0.104	
CHROMIUM		62.6	mg/kg	.0945		0.189	
COPPER		24.4	mg/kg	.0945		0.378	
MOLYBDENUM		0.432	mg/kg	.0945		0.189	
NICKEL		40.6	mg/kg	.0945		0.284	
LEAD		19.1	mg/kg	.0945		0.662	
ANTIMONY	U	0.945	mg/kg	.0945		0.945	
SELENIUM	U	1.23	mg/kg	.0945		1.23	
THALLIUM	U	1.04	mg/kg	.0945		1.04	
VANADIUM		52.8	mg/kg	.0945		0.756	
ZINC		68.9	mg/kg	.0945		0.378	

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 12:13

Method: EPA 6010B: WET - ICP Scan	WET-Citric						
TARGET ANALYTES							
CHROMIUM		784	ug/L	11		33	

Run ID: R182305 / Work Group No.: WG153675
 Prep Date1: 22-APR-09 Analyzed 22-Apr-09 10:41

Method: EPA 7471 - Mercury: Cold Vapor	Soil						
TARGET ANALYTES							
MERCURY		0.16	mg/kg	1		0.02	

Run ID: R181537 / Work Group No.: WG153273
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace	Soil						
TARGET ANALYTES							
SILVER		0.063	mg/kg	1		0.01	

Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3809-5
 Lab ID: L150951-24 (P152966-24)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:20pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3809-5; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Method: CALIFORNIA LUFT MANUAL - Diesel:ASE:GC/MS						Soil	
TARGET ANALYTES							
DIESEL	U	1.5	mg/kg	1	1.5		
MOTOR OIL COMPOSITE (C21-C32)	T	96	mg/kg	1	18		
INTERNAL STANDARD							
5-A-ANDROSTANE		69.6	% recovery	1			
Run ID: R181744 / Work Group No.: WG153431							
Prep Date1: 03-APR-09 Prep Date2: 09-APR-09 Analyzed 10-Apr-09 11:01							
Method: CALIFORNIA LUFT MANUAL GC/MS - Gasoline:MeOH Ext.:GC/MS						Soil	
TARGET ANALYTES							
GASOLINE	U	0.57	mg/kg	1	0.57		
INTERNAL STANDARD							
FLUOROBENZENE		115	% recovery	1			
D5-CHLOROBENZENE		111	% recovery	1			
SURROGATE							
DIBROMOFLUOROMETHANE		98.4	% recovery	1			
D4-DICHLOROETHANE		95.2	% recovery	1			
D8-TOLUENE		97.8	% recovery	1			
4-BROMOFLUOROBENZENE		94.8	% recovery	1			
Run ID: R182219 / Work Group No.: WG153313							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 15:24							
Method: EPA 8260B - Volatile Organics: GC/MS						Soil	
TARGET ANALYTES							
ACETONE		0.59	mg/kg	1	0.075		
ACROLEIN	U	0.068	mg/kg	1	0.068		
ACRYLONITRILE	U	0.050	mg/kg	1	0.05		
ALLYL CHLORIDE	U	0.040	mg/kg	1	0.04		
TERT-AMYL METHYL ETHER	U	0.022	mg/kg	1	0.022		
BENZENE	U	0.023	mg/kg	1	0.023		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.022	mg/kg	1	0.022		
BROMOBENZENE	U	0.015	mg/kg	1	0.015		
BROMOCHLOROMETHANE	U	0.030	mg/kg	1	0.03		
BROMODICHLOROMETHANE	U	0.021	mg/kg	1	0.021		
BROMOFORM	U	0.020	mg/kg	1	0.02		
BROMOMETHANE	U	0.12	mg/kg	1	0.12		
1,3-BUTADIENE	U	0.062	mg/kg	1	0.062		
TERT-BUTYL ALCOHOL	U	0.51	mg/kg	1	0.51		
N-BUTYLBENZENE	U	0.019	mg/kg	1	0.019		
SEC-BUTYLBENZENE	U	0.017	mg/kg	1	0.017		
TERT-BUTYLBENZENE	U	0.016	mg/kg	1	0.016		
CARBON DISULFIDE	U	0.032	mg/kg	1	0.032		
CARBON TETRACHLORIDE	U	0.025	mg/kg	1	0.025		
CHLOROACETONITRILE	U	0.029	mg/kg	1	0.029		
CHLOROBENZENE	U	0.022	mg/kg	1	0.022		
1-CHLOROBUTANE	U	0.025	mg/kg	1	0.025		
CHLOROETHANE	U	0.048	mg/kg	1	0.048		
2-CHLOROETHYLVINYL ETHER	U	0.058	mg/kg	1	0.058		
CHLOROFORM	U	0.024	mg/kg	1	0.024		
CHLOROMETHANE	U	0.053	mg/kg	1	0.053		
O-CHLOROTOLUENE	U	0.023	mg/kg	1	0.023		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3809-5
 Lab ID: L150951-24 (P152966-24)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:20pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3809-5; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
P-CHLOROTOLUENE	U	0.018	mg/kg	1	0.018		
DIBROMOCHLOROMETHANE	U	0.043	mg/kg	1	0.043		
DIBROMOCHLOROPROPANE	U	0.032	mg/kg	1	0.032		
DIBROMOMETHANE	U	0.024	mg/kg	1	0.024		
1,2-DICHLOROBENZENE	U	0.019	mg/kg	1	0.019		
1,3-DICHLOROBENZENE	U	0.026	mg/kg	1	0.026		
1,4-DICHLOROBENZENE	U	0.028	mg/kg	1	0.028		
TRANS-1,4-DICHLORO-2-BUTENE	U	0.026	mg/kg	1	0.026		
DICHLORODIFLUOROMETHANE	U	0.035	mg/kg	1	0.035		
1,1-DICHLOROETHANE	U	0.033	mg/kg	1	0.033		
1,2-DICHLOROETHANE	U	0.025	mg/kg	1	0.025		
1,1-DICHLOROETHENE	U	0.032	mg/kg	1	0.032		
CIS-1,2-DICHLOROETHENE	U	0.028	mg/kg	1	0.028		
TRANS-1,2-DICHLOROETHENE	U	0.025	mg/kg	1	0.025		
1,2-DICHLOROPROPANE	U	0.032	mg/kg	1	0.032		
1,3-DICHLOROPROPANE	U	0.022	mg/kg	1	0.022		
SEC-DICHLOROPROPANE	U	0.039	mg/kg	1	0.039		
1,1-DICHLORO-2-PROPANONE	U	0.036	mg/kg	1	0.036		
1,1-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
CIS-1,3-DICHLOROPROPENE	U	0.029	mg/kg	1	0.029		
TRANS-1,3-DICHLOROPROPENE	U	0.022	mg/kg	1	0.022		
DIISOPROPYL ETHER	U	0.042	mg/kg	1	0.042		
ETHYL ACETATE	U	0.038	mg/kg	1	0.038		
ETHYL BENZENE	U	0.027	mg/kg	1	0.027		
ETHYL-T-BUTYL ETHER	U	0.028	mg/kg	1	0.028		
ETHYLENE DIBROMIDE	U	0.024	mg/kg	1	0.024		
ETHYL ETHER	U	0.050	mg/kg	1	0.05		
ETHYLMETHACRYLATE	U	0.026	mg/kg	1	0.026		
FLUOROTRICHLOROMETHANE	U	0.041	mg/kg	1	0.041		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBUTADIENE	U	0.034	mg/kg	1	0.034		
HEXACHLOROETHANE	U	0.020	mg/kg	1	0.02		
2-HEXANONE	U	0.039	mg/kg	1	0.039		
IODOMETHANE	U	0.093	mg/kg	1	0.093		
ISOPROPYLBENZENE	U	0.022	mg/kg	1	0.022		
P-ISOPROPYLTOLUENE	U	0.026	mg/kg	1	0.026		
METHYLACRYLATE	U	0.022	mg/kg	1	0.022		
METHYLACRYLONITRILE	U	0.029	mg/kg	1	0.029		
METHYL-T-BUTYL ETHER	U	0.050	mg/kg	1	0.05		
2-BUTANONE	U	0.12	mg/kg	1	0.064		
METHYLENE CHLORIDE	U	8.6	mg/kg	1	0.036		
4-METHYL-2-PENTANONE	U	0.017	mg/kg	1	0.017		
METHYLMETHACRYLATE	U	0.020	mg/kg	1	0.02		
NAPHTHALENE	U	0.052	mg/kg	1	0.052		
NITROBENZENE	U	0.061	mg/kg	1	0.061		
2-NITROPROPANE	U	0.043	mg/kg	1	0.043		
PENTACHLOROETHANE	U	0.15	mg/kg	1	0.15		
N-PROPYLBENZENE	U	0.018	mg/kg	1	0.018		
STYRENE	U	0.033	mg/kg	1	0.033		
1,1,1,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
1,1,2,2-TETRACHLOROETHANE	U	0.023	mg/kg	1	0.023		
TETRACHLOROETHENE	U	0.033	mg/kg	1	0.033		
TETRAHYDROFURAN	U	0.046	mg/kg	1	0.046		

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM
 Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3809-5
 Lab ID: L150951-24 (P152966-24)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:20pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3809-5; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
TOLUENE	U	0.020	mg/kg	1	0.02		
1,2,3-TRICHLOROBENZENE	U	0.045	mg/kg	1	0.045		
1,2,4-TRICHLOROBENZENE	U	0.039	mg/kg	1	0.039		
1,1,1-TRICHLOROETHANE	U	0.026	mg/kg	1	0.026		
1,1,2-TRICHLOROETHANE	U	0.024	mg/kg	1	0.024		
TRICHLOROETHENE	U	0.027	mg/kg	1	0.027		
1,2,3-TRICHLOROPROPANE	U	0.031	mg/kg	1	0.031		
1,2,4-TRIMETHYLBENZENE	U	0.017	mg/kg	1	0.017		
1,3,5-TRIMETHYLBENZENE	U	0.019	mg/kg	1	0.019		
VINYL ACETATE	U	0.053	mg/kg	1	0.053		
VINYL CHLORIDE	U	0.037	mg/kg	1	0.037		
O-XYLENE	U	0.023	mg/kg	1	0.023		
M+P XYLENES	U	0.029	mg/kg	1	0.029		
<i>INTERNAL STANDARD</i>							
FLUOROBENZENE		90.8	% recovery	1			
D5-CHLOROBENZENE		87.2	% recovery	1			
D4-1,4-DICHLOROBENZENE		66.0	% recovery	1			
<i>SURROGATE</i>							
DIBROMOFLUOROMETHANE		101	% recovery	1			
D4-DICHLOROETHANE		96.6	% recovery	1			
D8-TOLUENE		98.0	% recovery	1			
4-BROMOFLUOROBENZENE		91.0	% recovery	1			
Run ID: R182207 / Work Group No.: WG153312							
Prep Date1: 06-APR-09 Prep Date2: 06-APR-09 Analyzed 07-Apr-09 15:24							

Method: EPA 8270C - Semivolatile Organics: GC/MS						Soil	
<i>TARGET ANALYTES</i>							
ACENAPHTHENE	U	0.027	mg/kg	1	0.027		
ACENAPHTHYLENE	U	0.048	mg/kg	1	0.048		
ANILINE	U	0.053	mg/kg	1	0.053		
ANTHRACENE	U	0.074	mg/kg	1	0.074		
AZOBENZENE	U	0.081	mg/kg	1	0.081		
BENZIDINE	U	1.0	mg/kg	1	1		
BENZO(A)ANTHRACENE	U	0.078	mg/kg	1	0.078		
BENZO(B)FLUORANTHENE	U	0.050	mg/kg	1	0.05		
BENZO(K)FLUORANTHENE	U	0.042	mg/kg	1	0.042		
BENZO(GHI)PERYLENE	U	0.12	mg/kg	1	0.12		
BENZO(A)PYRENE	U	0.065	mg/kg	1	0.065		
BENZOIC ACID	U	1.0	mg/kg	1	1		
BENZYL ALCOHOL	U	0.083	mg/kg	1	0.083		
BUTYLBENZYL PHTHALATE	U	0.078	mg/kg	1	0.078		
BIS(2-CHLOROETHOXY)METHANE	U	0.054	mg/kg	1	0.054		
BIS(2-CHLOROETHYL)ETHER	U	0.034	mg/kg	1	0.034		
BIS(2-CHLOROISOPROPYL)ETHER	U	0.036	mg/kg	1	0.036		
BIS(2-ETHYLHEXYL)PHTHALATE	U	0.076	mg/kg	1	0.076		
4-BROMOPHENYL PHENYL ETHER	U	0.18	mg/kg	1	0.18		
4-CHLOROANILINE	U	0.055	mg/kg	1	0.055		
P-CHLORO-M-CRESOL	U	0.057	mg/kg	1	0.057		
2-CHLORONAPHTHALENE	U	0.039	mg/kg	1	0.039		
2-CHLOROPHENOL	U	0.029	mg/kg	1	0.029		
4-CHLOROPHENYL PHENYL ETHER	U	0.051	mg/kg	1	0.051		
CHRYSENE	U	0.061	mg/kg	1	0.061		
DIBENZO(A,H)ANTHRACENE	U	0.063	mg/kg	1	0.063		

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EAST BAY MUNICIPAL UTILITY DISTRICT
 Laboratory Services Division
 PO Box 24055, MS 59, Oakland, CA 94623
 Phone (510)287-1432 Fax (510)465-5462
Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

Site: MISC Miscellaneous - Unidentified Site
 Locator: MISC Miscellaneous sample, see sample comments for location
 ClientID: Sample Location: 3809-5
 Lab ID: L150951-24 (P152966-24)
 Sample Type: GRAB (Instantaneous Grab)
 Date Collected: Mar 27 2009, 01:20pm Sample collector: S PARKER/ALISTO
 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3809-5; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
Parameter						RL/ML	
DIBENZOFURAN	U	0.045	mg/kg	1	0.045		
DI-N-BUTYL PHTHALATE	U	0.16	mg/kg	1	0.16		
1,2-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,3-DICHLOROBENZENE	U	0.021	mg/kg	1	0.021		
1,4-DICHLOROBENZENE	U,N	0.022	mg/kg	1	0.022		
3,3'-DICHLOROBENZIDINE	U	0.080	mg/kg	1	0.08		
2,4-DICHLOROPHENOL	U	0.045	mg/kg	1	0.045		
DIETHYL PHTHALATE	U	0.099	mg/kg	1	0.099		
2,4-DIMETHYLPHENOL	U	0.057	mg/kg	1	0.057		
DIMETHYL PHTHALATE	U	0.055	mg/kg	1	0.055		
4,6-DINITRO-O-CRESOL	U	1.0	mg/kg	1	1		
2,4-DINITROPHENOL	U	1.0	mg/kg	1	1		
2,4-DINITROTOLUENE	U	0.074	mg/kg	1	0.074		
2,6-DINITROTOLUENE	U	0.071	mg/kg	1	0.071		
DI-N-OCTYL PHTHALATE	U	0.057	mg/kg	1	0.057		
FLUORANTHENE	U	0.20	mg/kg	1	0.2		
FLUORENE	U	0.039	mg/kg	1	0.039		
HEXACHLOROBENZENE	U	0.092	mg/kg	1	0.092		
HEXACHLOROBUTADIENE	U	0.029	mg/kg	1	0.029		
HEXACHLOROCYCLOPENTADIENE	U	1.0	mg/kg	1	1		
HEXACHLOROETHANE	U	0.029	mg/kg	1	0.029		
INDENO(1,2,3-CD)PYRENE	U	0.068	mg/kg	1	0.068		
ISOPHORONE	U	0.055	mg/kg	1	0.055		
2-METHYLNAPHTHALENE	U	0.063	mg/kg	1	0.063		
2-CRESOL	U	0.056	mg/kg	1	0.056		
3-,4-METHYLPHENOL	U	0.046	mg/kg	1	0.046		
NAPHTHALENE	U	0.021	mg/kg	1	0.021		
2-NITROANILINE	U	0.071	mg/kg	1	0.071		
3-NITROANILINE	U	0.059	mg/kg	1	0.059		
4-NITROANILINE	U	0.11	mg/kg	1	0.11		
NITROBENZENE	U	0.066	mg/kg	1	0.066		
2-NITROPHENOL	U	0.026	mg/kg	1	0.026		
4-NITROPHENOL	U	1.0	mg/kg	1	1		
N-NITROSODIMETHYLAMINE	U	0.042	mg/kg	1	0.042		
N-NITROSODIPHENYLAMINE	U	0.29	mg/kg	1	0.29		
N-NITROSODI-N-PROPYLAMINE	U	0.042	mg/kg	1	0.042		
PENTACHLOROPHENOL	U	1.0	mg/kg	1	1		
PHENANTHRENE	U	0.062	mg/kg	1	0.062		
PHENOL	N	0.15	mg/kg	1	0.045		
PYRENE	U	0.15	mg/kg	1	0.15		
PYRIDINE	U	1.0	mg/kg	1	1		
1,2,4-TRICHLOROBENZENE	U	0.020	mg/kg	1	0.02		
2,4,5-TRICHLOROPHENOL	U	0.078	mg/kg	1	0.078		
2,4,6-TRICHLOROPHENOL	U	1.0	mg/kg	1	1		
INTERNAL STANDARD							
D4-1,4-DICHLOROBENZENE		124	% recovery	1	1		
D8-NAPHTHALENE		127	% recovery	1	1		
D10-ACENAPHTHENE		122	% recovery	1	1		
D10-PHENANTHRENE		125	% recovery	1	1		
D12-CHRYSENE		121	% recovery	1	1		
D12-PERYLENE		125	% recovery	1	1		
SURROGATE							
2-FLUOROPHENOL	D	50	% recovery	1			

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Analytical Results Report

LSR#: B793-9512-1 TRENCH SPOILS PROGRAM

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 ClientID: Sample Location: 3809-5
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 Sample Type: GRAB (Instantaneous Grab)
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 Date Received: Apr 01 2009, 07:52am Sample receiver: KLORENZO
 Sample Comments: Adeline Maintenance Facility Groundwater Location: 3809-5; Soil Sample;
 WET Cr added 16-APR-09 KLL

Method Reference	Qualifier	Result	Units	Dilution	MDL	Matrix	Tag
D5-PHENOL	D	48	% recovery	1		RL/ML	
D5-NITROBENZENE	D	55	% recovery	1			
2-FLUOROBIPHENYL	D	56	% recovery	1			
2,4,6-TRIBROMOPHENOL		62	% recovery	1			
D14-P-TERPHENYL		81	% recovery	1			

Run ID: R182200 / Work Group No.: WG153325
 Prep Date1: 06-APR-09 Prep Date2: 07-APR-09 Analyzed 08-Apr-09 14:30

Method: EPA 6010B - ICP Metals Soil

TARGET ANALYTES

ARSENIC		5.02	mg/kg	.0909	0.909	
BARIUM		74.1	mg/kg	.0909	0.182	
BERYLLIUM		0.365	mg/kg	.0909	0.0455	
CADMIUM		0.110	mg/kg	.0909	0.0818	
COBALT		7.26	mg/kg	.0909	0.1	
CHROMIUM		58.7	mg/kg	.0909	0.182	
COPPER		22.2	mg/kg	.0909	0.364	
MOLYBDENUM		0.514	mg/kg	.0909	0.182	
NICKEL		39.9	mg/kg	.0909	0.273	
LEAD		20.3	mg/kg	.0909	0.636	
ANTIMONY	U	0.909	mg/kg	.0909	0.909	
SELENIUM	U	1.18	mg/kg	.0909	1.18	
THALLIUM	U	1.00	mg/kg	.0909	1	
VANADIUM		48.7	mg/kg	.0909	0.727	
ZINC		48.0	mg/kg	.0909	0.364	

Run ID: R182072 / Work Group No.: WG153563
 Prep Date1: 16-APR-09 Analyzed 16-Apr-09 12:22

Method: EPA 6010B: WET - ICP Scan WET-Citric

TARGET ANALYTES

CHROMIUM		766	ug/L	11	33	
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Run ID: R182305 / Work Group No.: WG153675
 Prep Date1: 22-APR-09 Analyzed 22-Apr-09 10:44

Method: EPA 7471 - Mercury: Cold Vapor Soil

TARGET ANALYTES

MERCURY		0.13	mg/kg	1	0.02	
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Run ID: R181537 / Work Group No.: WG153273
 Prep Date1: 06-APR-09 Analyzed 06-Apr-09 08:08

Method: EPA 7761 - Silver: Graphite Furnace Soil

TARGET ANALYTES

SILVER		0.057	mg/kg	1	0.01	
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Run ID: R182102 / Work Group No.: WG153558
 Prep Date1: 10-APR-09 Prep Date2: 16-APR-09 Analyzed 16-Apr-09 08:26

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