URS Greiner Woodward Clyde
A Division of URS Corporation

500 12th Street, Suite 200
Oakland, CA 94607-4014
Tel: 510.893.3600
Fax: 510.874.3268
Offices Worldwide

October 19, 1999
Project No. 51099670600

1155 Clay St
Oak

Mr. Larry Seto
Alameda County Environmental Health Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Subject: Soil Characterization Study and Excavation Work Plan for Parcel T9 in Oakland, California

Dear Mr. Seto:

URS Greiner Woodward Clyde (URSGWC) is pleased to provide this letter report describing the results of soil sampling at the subject property in Oakland, California. The work was performed in accordance with Task 1 of our proposal to Shorenstein Company, L.P. dated September 15, 1999. The primary objective of the soil sampling was to characterize the non-hazardous nature of remaining soil at the site for the purpose of disposal at an authorized landfill. This report concludes with a short description of the soil excavation work planned to support the redevelopment of the site.

BACKGROUND

At Parcel T9 (1155 Clay Street), Woodward-Clyde observed the excavation of contaminated fill material and documented these activities in a report dated November 27, 1991. Contaminated fill was removed from the site. One area of diesel-impacted native soil was excavated to a maximum depth of approximately 34 feet below street level. This area was then backfilled with approximately 8 feet of lean cement overlain by approximately 4 feet of compacted soil. Confirmation soil samples were collected on a regular grid across the site to confirm that the contaminated fill had been removed from the site.

Based on available data, native soil below the fill material is not believed to be impacted by chemicals, with the possible exception of:

- in the southwest corner (40 feet by 25 feet) where gasoline may be present from a depth of 6 to 11 feet City of Oakland Datum (C.O.O.D.), and
- given the possible occurrence of hydrocarbon-impacted groundwater beneath the site, within a band above the water table where hydrocarbon-impacted groundwater may smear hydrocarbons within the soil matrix ("smear zone").

The measured groundwater elevation in August 1999 was about +8 feet relative to the City of Oakland Datum (C.O.O.D.). The assumed depth of the excavation for the foundation for the planned structure is approximately +5 feet C.O.O.D.

The site is currently enclosed by a fence with sloped sides down to the elevation of the former excavation.

DESCRIPTION OF SOIL SAMPLE COLLECTION

Eight soil borings were drilled using the GeoProbe "direct-push" method on September 20, 1999. Soil samples were collected continuously in a plastic sleeve. Within each designated sampling interval, from 4 to 5 six-inch sample sleeves were prepared in the field and submitted to the analytical laboratory for compositing into a single sample for analysis.

At each of the 8 boring locations, a composite sample of the native soil above the potential smear zone (referred to as a "shallow" sample) was collected and analyzed for: total petroleum hydrocarbons as gasoline (TPH-G), total extractable petroleum hydrocarbons (TEPH) as diesel (TEPH-D) and motor oil, benzene, toluene, ethylbenzene and xylenes (BTEX), CAM 17 metals, and soluble threshold level concentration (STLC) for lead.

At four of the boring locations (C1, C2, C3 and C4), a native soil sample within the potential smear zone (referred to as a "deep" sample) was obtained using the direct push method. At four of the boring locations (C5, C6, C7 and C8), a deeper sample within the potential smear zone could not be obtained using the direct push method. Therefore, a hollow-stem auger drill rig was mobilized at the site on September 23, 1999 to collect deep soil samples within a few feet of the original boring locations designated as C5 and C6. The deep soil samples were analyzed for: total petroleum hydrocarbons as gasoline (TPH-G), total extractable petroleum hydrocarbons (TEPH) as diesel and motor oil, BTEX, CAM 17 metals, and STLC for lead. In addition, to aid in the characterization of the soils, these two deep soil samples were also analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs).

For each sample, if the STLC result for lead exceeded the California hazardous waste criterion (5 mg/L), then the sample would be analyzed using the toxicity characteristic leachate procedure (TCLP) for lead.

During the advancement of boring C1, a petroleum hydrocarbon odor was present in deep soils, and 98 parts per million (ppm) of volatile organic compounds were measured with a photoionization detector (PID).

The soil boring logs are provided in Appendix A. Table 1 indicates the depth of sampling at each of the locations.

SOIL SAMPLING RESULTS

Results for soil samples submitted to Chromalab Inc. are presented in Table 1. The complete laboratory report is provided as an attachment (Appendix B).

Total Petroleum Hydrocarbons-Gasoline, Total Extractable Petroleum Hydrocarbons, and BTEX

The laboratory reports no detection above the reporting limit for TPH-gasoline, TEPH-motor oil, and BTEX in the samples. The results for TEPH-diesel in the samples ranged from non-detect (less than 1 mg/kg) to 1.2 mg/kg, thus documenting very low concentrations of this type of petroleum hydrocarbon. The observed hydrocarbon odor in deep soils at location C1 are likely due to the presence of very low concentrations of total petroleum hydrocarbons in deep soil.

The results suggest that petroleum hydrocarbon impacted soils remain in the southwest corner of the property. When and if such soils are excavated, a composite sample should be collected for confirmation of the classification of these soils as non-hazardous materials. Furthermore, the results suggest that there does not appear to be petroleum hydrocarbons in soils above the current groundwater elevation (i.e., within a smear zone) at the locations sampled as part of this investigation.

Heavy Metals

The laboratory analytical results for heavy metals in soils showed only a slight variability between sampling locations. Total lead results in the samples ranged from 1.4 to 5.2 mg/kg, which are within the range of natural background concentrations for the region. None of the total lead results exceeded the Industrial PRG of 1,000 mg/kg or the landfill acceptance criterion of 50 mg/kg. There is no City of Oakland Risk-Based Corrective Action (RBCA) Tier 1 Risk-Based Screening Level (RBSL) for lead in soil.

The laboratory analytical results for other heavy metals in soils were less than Industrial PRGs, and they meet landfill acceptance criteria. There are no relevant City of Oakland RBCA Tier 1 RBSLs for metals in soil, since the soils at the site are not surficial, groundwater is not used for drinking water, and metals are not volatile.

STLC and TCLP for Lead

The laboratory reported STLC results for lead in soil samples were non-detect (less than 1.0 mg/L). These analytical results do not exceed the California hazardous waste criteria of 5 mg/L, thus indicating that such soils would not have to be handled as California hazardous waste if excavated from the site.

Given that the STLC for lead was not exceeded, the soil samples were generally not analyzed for TCLP for lead. However, two deep soil samples (C5 Comp. and C6 Comp.) were analyzed for TCLP for lead, and the results were non-detect.

VOCs

The results for VOCs were non-detect in the two samples (C5 Comp. and C6 Comp.).

SVOCs

The results for SVOCs were non-detect in the two samples (C5 Comp. and C6 Comp.).

QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) REVIEW

A QA/QC review of the soil analytical data provided by Chromalab Inc. was undertaken to evaluate the accuracy and precision of the laboratory results for use in this report. The review was performed on the analytical data following USEPA guidelines. Parameters that were reviewed included:

- method holding times,
- blank contamination,
- matrix spike (MS) and matrix spike duplicate (MSD) recoveries and spike duplicate relative percent differences,
- laboratory control sample and laboratory control sample duplicate recoveries and spike duplicate relative percent differences,
- surrogate compound recoveries,
- and petroleum hydrocarbon false positives.

MS/MSD recoveries were outside the laboratory control limits for CAM 17 metals, TEPH-diesel, TPH-gasoline and BTEX. However, a sample from this project was not used for the spike analyses (i.e., a sample from the laboratory batch was used). As such, the matrix interference encountered during the spike analyses is not necessarily representative of the project samples. Consequently, the sample results were not qualified based on the MS/MSD recoveries.

The laboratory indicated that the concentrations reported as TEPH-diesel for samples C4-Shallow, C5-Shallow, and C1-Deep did not match the laboratory diesel standard. These sample concentrations are therefore not representative of diesel fuel.

The QA/QC review found the data to be of acceptable quality. The data have no limitations for use, except for the TEPH-diesel results discussed above.

CONCLUSIONS

Based on the results of this investigation work at the site, we conclude:

- The soil analytical results are consistent with historical results for petroleum hydrocarbons and metals.
- The soil analytical results for VOCs and SVOCs were non-detect which is consistent with the history of the site.
- Petroleum hydrocarbon impacted soils appear to be limited in extent to the southwest corner of the property.
- The STLC results for lead indicate that the soil would not be considered a California hazardous waste if excavated.

PLANNED SCOPE OF EXCAVATION WORK AT THE SITE

The current development plan for the site involves excavation of soil down to a depth of +5 feet C.O.O.D. for the construction of two levels of underground parking and a high-rise building. The total volume of soil to be excavated is estimated to be about 45,000 cubic yards. Prior to and during the excavation work, a dewatering system will be operated to lower the groundwater level below the bottom of the excavation. The extracted groundwater will be treated with a granular activated carbon adsorption system prior to discharge to the storm drain system under an NPDES permit.

The analytical data for the soil is currently being evaluated by an authorized landfill facility for acceptance of the soil as non-hazardous waste. During the soil excavation work in the southwest corner of the parcel, soil samples will be collected for field measurement of volatile organic vapors and laboratory analysis of TEPH-D, TPH-G, BTEX, and MTBE. Following completion of the excavation to the intended depth, a representative number of soil samples (i.e., up to 10 samples) will be collected from the bottom of the excavation for laboratory analysis of TEPH-D, TPH-G, BTEX, and MTBE. Soil samples will also be collected for laboratory analysis at locations where field observations (e.g., PID measurements, odors, staining of soil, etc.) indicate the potential presence of contamination.

Following completion of the excavation work and receipt of laboratory analytical results, a report will be prepared and submitted to the Alameda County Department of Environmental Health for their review as documentation of the site soil conditions following the work.

Estimation of the cost of handling and disposal of excavated soils is reserved for subsequent work to be performed by URSGWC for Shorenstein.

LIMITATIONS

This report was prepared by URSGWC for the use of Shorenstein Company, L.P. The scope of work was agreed upon by Shorenstein Company, L.P. Any reliance on this report by third parties shall be at such party's sole risk.

The work was conducted in general accordance with the accepted standard of practice that exists in northern California at the time. No other warranty is either expressed or implied. Judgements leading to conclusions and recommendations are generally made with an incomplete knowledge of the subsurface conditions present. More extensive studies including additional subsurface investigation can tend to reduce the inherent uncertainties associated with inferring subsurface conditions.

We sincerely appreciate the opportunity to assist you with this important project. Please feel free to call either of the undersigned if you have any questions regarding this letter report.

Jay B. Clare, P.E.
Project Manager

Albert Ridley, C.E.G.
Senior Consultant

Attachments:
Table 1 - Summary of Laboratory Analysis Results for Soil Samples
Figure 1 - Location of Soil Borings
Appendix A - Soil Boring Logs
Appendix B - Analytical Laboratory Reports

cc: Nicholas Loukianoff, Shorenstein Company, L.P.
Alex Greenwood, City of Oakland
Andrew Clark-Clough, City of Oakland
David Ralph, City of Oakland
Bob Lyons, City of Oakland
Philip Pogledich, Pillsbury, Madison & Sutro

Table 1.
Summary of Laboratory Analysis Results for Soil Samples

				SHALLOW							
Sample ID	Units	Industrial Soil PRG (see notes)	Landfill Acceptance Criteria (see notes)	C1-Shallow	C2-Shallow	C3-Shallow	C4-Shallow	C5-Shallow	C6-Shallow	C7-Shallow	C8-Shallow
Sampling Date				09/20/99	09/20/99	09/20/99	09/20/99	09/20/99	09/20/99	09/20/99	09/20/99
Depth (ft)	feet bgs			3-12	2.5-14	2.5-14	2.5-12.5	2.5-7	2.5-12	3-15	2.5-8
TPH by EPA Method 8015M											
TPH-Gasoline	mg/kg	n/a	5,000-15,000	<1	<1	<1	<1	<1	<1	<1	<1
TEPH-Diesel	mg/kg	n/a	5,000-15,000	<1	<1	<1	1.2	1.0	<1	<1	<1
TEPH-Motor Oil	mg/kg	n/a	5,000-15,000	<50	<50	<50	<50	<50	<50	<50	<50
BTEX by EPA Method 8020											
Benzene	mg/kg	1.36	10.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	mg/kg	2,800	n/a	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethyl benzene	mg/kg	690	n/a	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene(s)	mg/kg	990	n/a	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
VOCs and SVOCs by EPA Methods 8260A and 8270A											
VOCs	ug/kg	varies	varies	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	mg/kg	varies	varies	NA	NA	NA	NA	NA	NA	NA	NA
Lead (STLC and TCLP)											
STLC	mg/L	n/a	5	<1	<1	<1	<1	<1	<1	<1	<1
TCLP	mg/L	n/a	5	NA	NA	NA	NA	NA	NA	NA	NA
Title 22 Metals by EPA Method 6010											
Antimony	mg/kg	749	150	<2	<2	<2	<2	<2	<2	<2	<2
Arsenic	mg/kg	2.99	50	1.7	1.6	1.2	1.4	1.6	1.7	1.2	1.1
Barium	mg/kg	100,000	1,000	45	43	39	41	41	45	58	40
Beryllium	mg/kg	3,400	7.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium	mg/kg	934	10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	448	50	35	45	41	40	45	48	48	35
Cobalt	mg/kg	28,600	800	5.3	4.3	4.5	5.5	5.2	6.0	5.0	4.5
Copper	mg/kg	69,600	250	7.6	6.5	5.7	7.7	6.3	7.5	6.7	6.8
Lead	mg/kg	1,000	50	2.2	2.5	1.7	4.3	5.2	2.2	1.9	2.1
Mercury	mg/kg	562	2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Molybdenum	mg/kg	9,370	3,500	<1	<1	<1	<1	<1	<1	<1	<1
Nickel	mg/kg	37,500	200	29	29	31	27	32	36	33	28
Selenium	mg/kg	9,370	10	<2	<2	<2	<2	<2	<2	<2	<2
Silver	mg/kg	9,370	50	<1	<1	<1	<1	<1	<1	<1	<1
Thallium	mg/kg	150	70	<1	<1	<1	<1	<1	<1	<1	<1
Vanadium	mg/kg	13,100	240	26	26	22	23	27	28	25	23
Zinc	mg/kg	100,000	2,500	19	20	18	19	21	23	20	19

Notes:

= Results exceeding the Preliminary Remedial Goal (PRG) USEPA 1998, Region 9 PRG Tables. May. Industrial Soil

= Results exceeding landfill acceptance criteria of BFI Vasco Road, Livermore, CA. Results exceeding total metals limits require the Waste Extraction Test (STLC), but do not necessarily disqualify the acceptance of the material.

feet bgs = feet below ground surface.

NA = not analyzed

ND = not detected (detection limit different for each analyte; see analytical report)

n/a = not available/applicable

Table 1.
Summary of Laboratory Analysis Results for Soil Samples

				DEEP					
Sample ID	Units	Industrial Soil PRG (see notes)	Landfill Acceptance Criteria (see notes)	C1-Deep	C2-Deep	C3-Deep	C4-Deep	C5 Comp.	C6 Comp.
Sampling Date				09/20/99	09/20/99	09/20/99	09/20/99	09/23/99	09/23/99
Depth (ft)	feet bgs			13.5-19.5	15-19.5	15-19.5	14-17	10-13	14-16.5
TPH by EPA Method 8015M									
TPH-Gasoline	mg/kg	n/a	5,000-15,000	<1	<1	<1	<1	<1	<1
TEPH-Diesel	mg/kg	n/a	5,000-15,000	1.2	<1	<1	<1	<1	<1
TEPH-Motor Oil	mg/kg	n/a	5,000-15,000	<50	<50	<50	<50	<50	<50
BTEX by EPA Method 8020									
Benzene	mg/kg	1.36	10.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	mg/kg	2,800	n/a	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethyl benzene	mg/kg	690	n/a	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene(s)	mg/kg	990	n/a	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
VOCs and SVOCs by EPA Methods 8260A and 8270A									
VOCs	ug/kg	varies	varies	NA	NA	NA	NA	ND	ND
SVOCs	mg/kg	varies	varies	NA	NA	NA	NA	ND	ND
Lead (STLC and TCLP)									
STLC	mg/L	n/a	5	<1	<1	<1	<1	<1	<1
TCLP	mg/L	n/a	5	NA	NA	NA	NA	<1	<1
Title 22 Metals by EPA Method 6010									
Antimony	mg/kg	749	150	<2	<2	<2	<2	<2	<2
Arsenic	mg/kg	2.99	50	1.1	<1	1.6	<1	<1	1.0
Barium	mg/kg	100,000	1,000	35	29	35	31	26	27
Beryllium	mg/kg	3,400	7.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium	mg/kg	934	10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	448	50	40	31	41	38	35	39
Cobalt	mg/kg	28,600	800	4.5	4.4	4.8	4.6	4.4	4.6
Copper	mg/kg	69,600	250	6.6	4.3	5.1	4.8	6.7	16
Lead	mg/kg	1,000	50	1.8	1.4	1.4	1.5	1.5	1.4
Mercury	mg/kg	562	2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Molybdenum	mg/kg	9,370	3,500	<1	<1	<1	<1	<1	<1
Nickel	mg/kg	37,500	200	30	28	30	32	29	30
Selenium	mg/kg	9,370	10	<2	<2	<2	<2	<2	<2
Silver	mg/kg	9,370	50	<1	<1	<1	<1	<1	<1
Thallium	mg/kg	150	70	<1	<1	<1	<1	<1	<1
Vanadium	mg/kg	13,100	240	23	20	25	22	19	22
Zinc	mg/kg	100,000	2,500	18	17	18	19	17	22

Notes:

= Results exceeding the Preliminary Remedial Goal (PRG) USEPA 1998. Region 9 PRG Tables. May. Industrial Soil

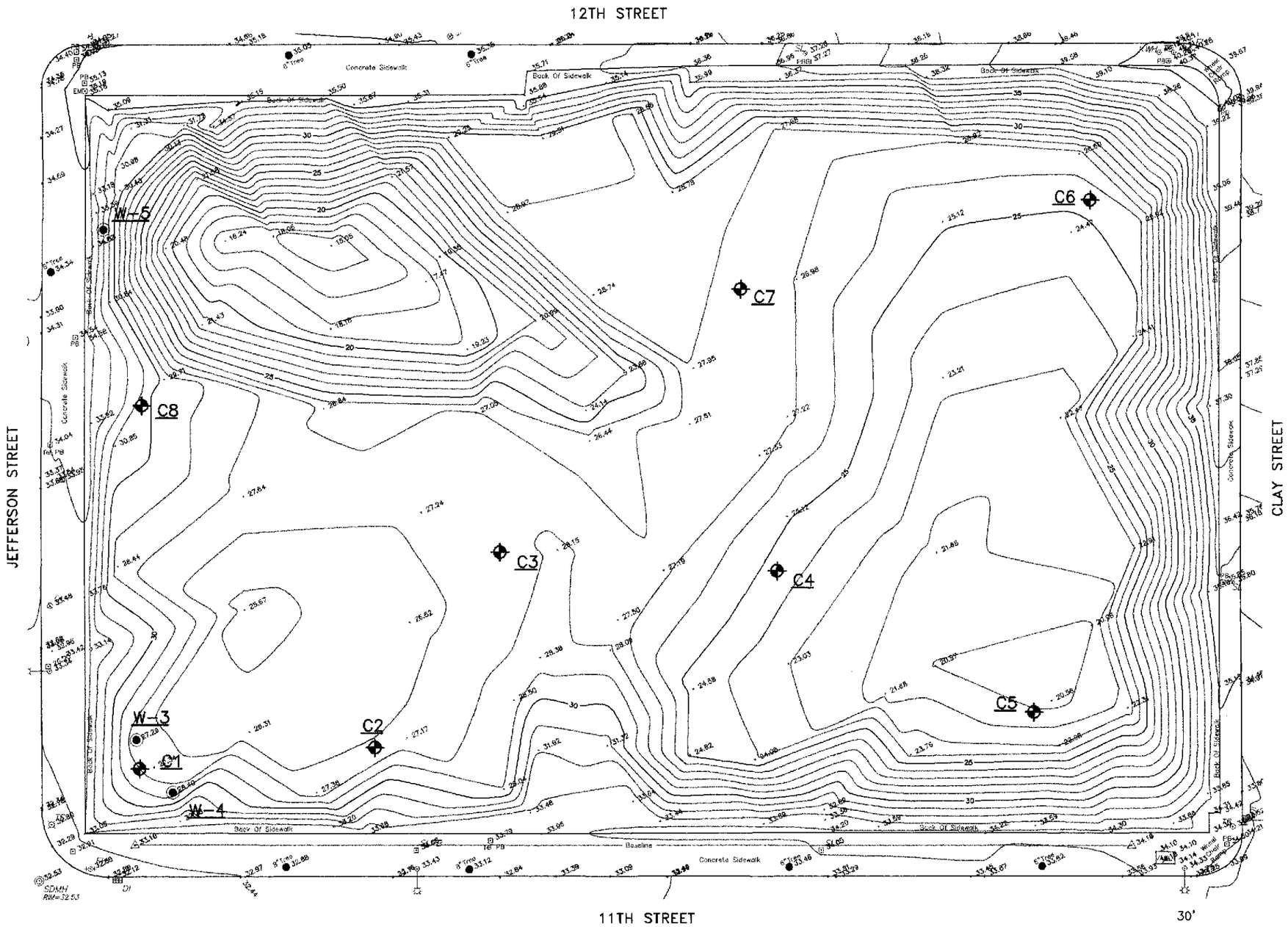
= Results exceeding landfill acceptance criteria of BFI Vasco Road, Livermore, CA. Results exceeding total metals limits require the Waste Extraction Test (STLC), but do not necessarily disqualify the acceptance of the material.

feet bgs = feet below ground surface.

NA = not analyzed

ND = not detected (detection limit different for each analyte; see analytical report)

n/a = not available/applicable



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Project No. 5109967060	SHORENSTEIN PARCEL T9 OAKLAND	LOCATION OF SOIL BORINGS	Figure 1
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Appendix A
Soil Boring Logs

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C1	**9/20/1999**	**09/20/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe	**21'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
Moist, brown- to red- medium sand	1.00				
	2.00				
	3.00		C1-Shallow-3.0		
	4.00				
	5.00		C1-Shallow-5.5		
w/trace coarse sand	6.00				
	7.00				
			C1-Shallow-7.5		
	8.00				
	9.00				top of soil boring from 8' to 9.5' stuck in sampler (change from 4' section borings to 3' sections)
Moist, brown medium sand with trace oxidation	10.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C1 (cont.)	**09/20/1999**	**09/20/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe	**21'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
	10.00				All C1-shallow samples composited in lab
			C1-shallow-11.0		
	11.00				
			C1-shallow-12.0		12 ft is the break between shallow and deep samples
	12.00				
Moist, brown medium sand (oxidized) w/ trace lenses of gray silty sand					
	13.00		C1-Deep-13.5		
	14.00		C1-Deep-14.5		all C1-Deep-** samples composited in lab for analysis
no silty sand	15.00				
	16.00		C1-Deep-16.0		
oxidation no longer present, color change to gray and brown					
	17.00				
			C1-Deep-17.5		
	18.00				
Wet gray, medium- to coarse- sand					gasoline/oil smell
	19.00			PID=98	
			C1-Deep-19.5		
same lithology down to 21 ft	20.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C2	**9/20/1999**	**09/20/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe	**20'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
Moist,oxidized, brown- to red- medium sand	1.00 – 2.00				
	2.00 – 3.00		C2-Shallow-2.5		
	3.00 – 4.00				
	4.00 – 5.00		C2-Shallow-5.5		
Moist, gray, medium sand w/little oxidation lenses and trace gravel	5.00 – 6.00				
	6.00 – 7.00				
	7.00 – 8.00		C2-Shallow-8.5		
Moist, gray, medium- to coarse- sand with trace 1 cm black thin lenses (1 cm long)	8.00 – 9.00				
	9.00 – 10.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C2 (cont.)	**09/20/1999**	**09/20/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe	**20'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
	10.00				All C2-shallow samples composited in lab
Moist, gray, medium sand w/ mostly oxidation	11.00		C2-shallow-11.5		
	12.00				
	13.00				
			C2-Shallow-14.0		14 ft is the break between shallow and deep samples
w/ trace oxidation	14.00				all C2-Deep-** samples composited in lab for analysis
			C2-Deep-15.0		
	15.00				
			C2-Deep-16.0		
	16.00				
w/ trace coarse sand and no oxidation			C2-Deep-17.0		
	17.00				
			C2-Deep-18.0		
	18.00			PID=0	
	19.00		C2-Deep-19.5		
	20.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C3	**9/20/1999**	**09/20/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe	**20'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
dry, red- to brown- medium sand					
moist	1.00				
Gray, medium sand w/ trace oxidized gravel	2.00				
			C3-Shallow-2.5		
	3.00				
	4.00				
	5.00		C3-Shallow-5.5		
	6.00				
	7.00				
Moist, gray, medium- to coarse- sand with trace 1 cm black thin lenses (1 cm long)	8.00		C3-Shallow-8.5		
	9.00				
no black lenses, trace oxidation	10.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C3 (cont.)	**09/20/1999**	**09/20/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe	**20'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
	10.00				All C3-shallow samples composited in lab
	11.00		C3-shallow-11.5		
	12.00				
	13.00				
Red- to brown- dry to moist medium sand w/ trace gravel	14.00		C3-Shallow-14.0		14 ft is the break between shallow and deep samples
	15.00		C3-Deep-15.0		all C3-Deep-** samples composited in lab for analysis
	16.00		C3-Deep-16.0	PID=0	
Gray medium- to coarse- sand	17.00		C3-Deep-17.0		
	18.00		C3-Deep-18.0		
	19.00		C3-Deep-19.5		
	20.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C4	**9/20/1999**	**09/20/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe	**17'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
dry, oxidized, medium sand	1.00				
	2.00				
w/ trace gravel			C4-Shallow-2.5		
	3.00				
	4.00		C4-Shallow-4.5		
no gravel	5.00				
	6.00		C4-Shallow-6.5		
	7.00				
Moist, gray, medium- to coarse- sand with little oxidation	8.00				
	9.00		C4-Shallow-9.0		
	10.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C4 (cont.)	**09/20/1999**	**09/20/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe	**17'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
	10.00				All C4-shallow samples composited in lab
moist, gray sand w/ trace oxidation					
	11.00				
	12.00				
oxidized silty sand					
			C4-Shallow-12.5		
	13.00				
			C4-Deep-14.0		14 ft is the break between shallow and deep samples
	14.00				all C4-Deep-** samples composited in lab for analysis
			C4-Deep-15.0		
	15.00				
			C4-Deep-16.0		
	16.00				
Wet, gray, medium- to coarse- sand			C4-Deep-17.0		
	17.00				
	18.00				
	19.00				
	20.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C5	**9/20/1999**	**09/23/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe and Marl 11 hollow stem auger	**13'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
dry sand w/ trace brick fragments					
dry clean gravel (fill)					
	1.00				
	2.00				
moist, oxidized medium sand					
w/ trace 1-5 mm diameter roots			C5-Shallow-2.5		
	3.00				
	4.00				
			C5-Shallow-5.0		
	5.00				
			C5-Shallow-6.0		
Dark brown to dark orange, medium- to coarse- sand	6.00				
			C5-Shallow-7.0		
	7.00				
	8.00				Probe stuck at depth of 11ft. Finished soil boring with hollow stem auger
	9.00				
	10.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C5 (cont.)	**09/20/1999**	**09/23/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe and Marl 11 hollow stem auger	**13'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
moist, gray, medium- to coarse- sand w/ little oxidation	10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00 18.00 19.00 20.00		1 sample per 6 inches (6 samples) C5-Deep-10.0 to C5-Deep-12.5		10 ft is the break between shallow and deep samples all C5-Deep-** samples composited in lab 2, 18" samples in 3, 6" sections

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C6	**9/20/1999**	**09/23/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe and Marl 11 hollow stem auger	**17'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
dry oxidized medium sand w/ trace gravel	1.00				
	2.00				
			C6-Shallow-2.5		
	3.00				
	4.00				
			C6-Shallow-5.0		
	5.00				
w/ trace oxidized gravel (purple)					
no gravel	6.00				
	7.00				
			C6-Shallow-7.5		
	8.00				
	9.00				
			C6-Shallow-9.5		
	10.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C6 (cont.)	**09/20/1999**	**09/23/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe and Marl 11 hollow stem auger	**17'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
moist, gray, medium- to coarse- sand w/ little oxidation	10.00				
	11.00				resistance at 12 ft with geoprobe rig.
	12.00		C6-Shallow-12.0		12 ft is the break between shallow and deep samples
	13.00				
	14.00				
	15.00		1 sample per 6 inches (6 samples) C6-Deep-14.0 to C6-Deep-16.5		all C6-Deep-** samples composited in lab 2, 18" samples in 3, 6" sections
	16.00				
	17.00				
	18.00				
	19.00				
	20.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C7	**9/20/1999**	**09/20/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe	**16'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
dry oxidized medium sand	1.00				
	2.00				
			C7-Shallow-3.0		
	3.00				
	4.00				
	5.00				
			C7-Shallow-6.0		
Moist, gray medium sand w/ trace oxidation	6.00				
	7.00				
w/ trace coarse sand					
	8.00				
	9.00		C7-Shallow-9.0		
	10.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C7 (cont.)	**09/20/1999**	**09/20/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe	**16'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
moist, gray medium sand w/ trace oxidation	10.00				All C7-shallow samples composited in lab
	11.00				
	12.00		C7-Shallow-12.0		
	13.00				
	14.00				
			C7-Shallow-15.0		
	15.00				
	16.00				Not able to push deeper
	17.00				
	18.00				
	19.00				
	20.00				

Prepared by: CP
Checked by: JC

BOREHOLE LOG

URS Greiner Woodward Clyde

Project and Location	Elevation and datum	Project No.
Shorenstein Parcel T9	**na**	**510996706000**
Borehole Identification Number	Date Started	Date Finished
C8	**9/20/1999**	**09/20/1999**
Drilling Equipment	Completion Depth	Supervised By
GeoProbe	**8'**	**C. Prunier**

Material Description	(feet)	recovery	Sample Details: Identification	Sample Details: PID Response (ppm)	Remarks
dry oxidized medium sand	1.00				
	2.00				
w/ some oxidation and trace rootlets			C8-Shallow-2.5		
	3.00				
no rootlets					
	4.00				
			C8-Shallow-4.5		
	5.00				
			C8-Shallow-6.0		
	6.00				
					C8-Shallow-** samples composited in lab for analysis
	7.00				
			C8-Shallow-8.0		
	8.00				Material too hard to continue pushing
	9.00				
	10.00				

Prepared by: CP
Checked by: JC

Appendix B
Analytical Laboratory Reports

URS Greiner Woodward Clyde- Oakland
500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn.: Mr. Jay Clare

Project: 510996706000
Shorestein Parcel T9

Dear Jay,

Attached is our report for your samples received on Tuesday September 21, 1999. This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

The report contains a Case Narrative detailing sample receipt and analysis.

Please note that any unused portion of the samples will be discarded after October 21, 1999 unless you have requested otherwise. We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

Sincerely,

Afsaneh Salimpour

To: URS Greiner Woodward Clyde- Oakland
Attn.: Jay Clare

CASE NARRATIVE

General and Sample Comments

We (ChromaLab, Inc.) received 13 Soil samples, on Sep 21 1999 11:23AM.

Per QC Batch Comments

Gas BTEX	Soil	QC Batch#: 1999/09/27.01-02

S1 >> MS Lab#: 1999/09/27.01-02-004

Compound Flag(s)

mso MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

S1 >> MSD Lab#: 1999/09/27.01-02-005

mso MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

GBTEX	Soil	QC Batch#: 1999/09/28.01-02

SB7+193E-1 >> MS Lab#: 1999/09/28.01-02-004

mso MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

>> MSD Lab#: 1999/09/28.01-02-005

mso MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

GBTEX	Soil	QC Batch#: 1999/09/28.01-04

SB7+193E-14.5 >> MSD Lab#: 1999/09/28.01-04-005

mso MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

Mercury (Hg)	Soil	QC Batch#: 1999/09/24.02-16

Alameda Creek >> MS Lab#: 1999/09/24.02-16-075

mso MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

MISC metals - No Hg	Soil	QC Batch#: 1999/09/24.02-15

Lab#: 1999/09/24.02-15-013

mso MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

TEPH	Soil	QC Batch#: 1999/09/28.03-10

S1 >> MSD Lab#: 1999/09/28.03-10-005

msl Analyte MS/MSD recoveries were out of QC limits due to Parent sample target analyte concentration exceeding the spiked amount by greater than 4X.

To: URS Greiner Woodward Clyde- Oakland
Attn.: Jay Clare

CASE NARRATIVE

Per QC Batch Comments

C4-Shallow-2.5.4.5,6.5,9.0,12.5 Lab#: 1999-09-0347-006

Compound Flag(s)

nhc Compounds reported are in the Diesel range. They do no exhibit a pattern characteristic of hydrocarbon.

C5-Shallow-2.5,5.0,6.0,7.0 Lab#: 1999-09-0347-008

nhc Compounds reported are in the Diesel range. They do no exhibit a pattern characteristic of hydrocarbon.

C1-Deep-13.5,14.5,16.0,17.5,19.5 Lab#: 1999-09-0347-012

ed Hydrocarbon reported is in the early Diesel range, and does not match our Diesel standard

CAM 17 Metals

URS Greiner Woodward Clyde- Oakland

500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn: Jay Clare

Phone: (510) 874-3027 Fax: (510) 874-3268

Project #: 510996706000

Project: Shorestein Parcel T9

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
C1-Shallow-3.0,5.5,7.5,11.0,12.0	Soil	09/20/1999 08:40	1
C2-Shallow-2.5,5.5,8.5,11.5,14.0	Soil	09/20/1999 10:37	2
C2-Deep-15.0,16.0,17.0,18.0,19.5	Soil	09/20/1999 11:08	3
C3-Shallow-2.5,5.5,8.5,11.5,14.0	Soil	09/20/1999 11:37	4
C3-Deep-15.0,16.0,17.0,18.0,19.5	Soil	09/20/1999 12:10	5
C4-Shallow-2.5.4.5,6.5,9.0,12.5	Soil	09/20/1999 13:15	6
C4-Deep-14.0,15.0,16.0,17.0	Soil	09/20/1999 13:50	7
C5-Shallow-2.5,5.0,6.0,7.0	Soil	09/20/1999 13:00	8
C6-Shallow-2.5,5.0,7.5,9.5,12.0	Soil	09/20/1999 15:55	9
C7-Shallow-3.0,6.0,9.0,12.0,15.0	Soil	09/20/1999 16:20	10
C8-Shallow-2.5,4.5,6.0,8.0	Soil	09/20/1999 16:50	11
C1-Deep-13.5,14.5,16.0,17.5,19.5	Soil	09/20/1999 09:46	12

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C1-Shallow-3.0,5.5,7.5,11.0,12.0**	Lab Sample ID:	**1999-09-0347-001**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/24/1999 15:59
Sampled:	09/20/1999 08:40	QC-Batch:	1999/09/24-02.15
Matrix:	Soil		

Sample/Analysis Flag: . (See Legend & Note section)

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/24/1999 19:51	
Arsenic	1.7	1.0	mg/Kg	1.00	09/24/1999 19:51	
Barium	45	1.0	mg/Kg	1.00	09/24/1999 19:51	
Beryllium	ND	0.50	mg/Kg	1.00	09/24/1999 19:51	
Cadmium	ND	0.50	mg/Kg	1.00	09/24/1999 19:51	
Chromium	35	1.0	mg/Kg	1.00	09/24/1999 19:51	
Cobalt	5.3	1.0	mg/Kg	1.00	09/24/1999 19:51	
Copper	7.6	1.0	mg/Kg	1.00	09/24/1999 19:51	
Lead	2.2	1.0	mg/Kg	1.00	09/24/1999 19:51	
Molybdenum	ND	1.0	mg/Kg	1.00	09/24/1999 19:51	
Nickel	29	1.0	mg/Kg	1.00	09/24/1999 19:51	
Selenium	ND	2.0	mg/Kg	1.00	09/24/1999 19:51	
Silver	ND	1.0	mg/Kg	1.00	09/24/1999 19:51	
Thallium	ND	1.0	mg/Kg	1.00	09/24/1999 19:51	
Vanadium	26	1.0	mg/Kg	1.00	09/24/1999 19:51	
Zinc	19	1.0	mg/Kg	1.00	09/24/1999 19:51	
Mercury	ND	0.050	mg/Kg	1.00	09/27/1999 09:42	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C2-Shallow-2.5,5.5,8.5,11.5,14.0**	Lab Sample ID:	**1999-09-0347-002**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/24/1999 15:59
Sampled:	09/20/1999 10:37	QC-Batch:	1999/09/24-02.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/24/1999 19:54	
Arsenic	1.6	1.0	mg/Kg	1.00	09/24/1999 19:54	
Barium	43	1.0	mg/Kg	1.00	09/24/1999 19:54	
Beryllium	ND	0.50	mg/Kg	1.00	09/24/1999 19:54	
Cadmium	ND	0.50	mg/Kg	1.00	09/24/1999 19:54	
Chromium	45	1.0	mg/Kg	1.00	09/24/1999 19:54	
Cobalt	4.3	1.0	mg/Kg	1.00	09/24/1999 19:54	
Copper	6.5	1.0	mg/Kg	1.00	09/24/1999 19:54	
Lead	2.5	1.0	mg/Kg	1.00	09/24/1999 19:54	
Molybdenum	ND	1.0	mg/Kg	1.00	09/24/1999 19:54	
Nickel	29	1.0	mg/Kg	1.00	09/24/1999 19:54	
Selenium	ND	2.0	mg/Kg	1.00	09/24/1999 19:54	
Silver	ND	1.0	mg/Kg	1.00	09/24/1999 19:54	
Thallium	ND	1.0	mg/Kg	1.00	09/24/1999 19:54	
Vanadium	26	1.0	mg/Kg	1.00	09/24/1999 19:54	
Zinc	20	1.0	mg/Kg	1.00	09/24/1999 19:54	
Mercury	ND	0.050	mg/Kg	1.00	09/27/1999 09:43	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C2-Deep-15.0,16.0,17.0,18.0,19.5**	Lab Sample ID:	**1999-09-0347-003**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/24/1999 15:59
Sampled:	09/20/1999 11:08	QC-Batch:	1999/09/24-02.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/24/1999 19:57	
Arsenic	ND	1.0	mg/Kg	1.00	09/24/1999 19:57	
Barium	29	1.0	mg/Kg	1.00	09/24/1999 19:57	
Beryllium	ND	0.50	mg/Kg	1.00	09/24/1999 19:57	
Cadmium	ND	0.50	mg/Kg	1.00	09/24/1999 19:57	
Chromium	31	1.0	mg/Kg	1.00	09/24/1999 19:57	
Cobalt	4.4	1.0	mg/Kg	1.00	09/24/1999 19:57	
Copper	4.3	1.0	mg/Kg	1.00	09/24/1999 19:57	
Lead	1.4	1.0	mg/Kg	1.00	09/24/1999 19:57	
Molybdenum	ND	1.0	mg/Kg	1.00	09/24/1999 19:57	
Nickel	28	1.0	mg/Kg	1.00	09/24/1999 19:57	
Selenium	ND	2.0	mg/Kg	1.00	09/24/1999 19:57	
Silver	ND	1.0	mg/Kg	1.00	09/24/1999 19:57	
Thallium	ND	1.0	mg/Kg	1.00	09/24/1999 19:57	
Vanadium	20	1.0	mg/Kg	1.00	09/24/1999 19:57	
Zinc	17	1.0	mg/Kg	1.00	09/24/1999 19:57	
Mercury	ND	0.050	mg/Kg	1.00	09/27/1999 09:44	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C3-Shallow-2.5,5.5,8.5,11.5,14.0**	Lab Sample ID:	**1999-09-0347-004**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/24/1999 15:59
Sampled:	09/20/1999 11:37	QC-Batch:	1999/09/24-02.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/24/1999 20:00	
Arsenic	1.2	1.0	mg/Kg	1.00	09/24/1999 20:00	
Barium	39	1.0	mg/Kg	1.00	09/24/1999 20:00	
Beryllium	ND	0.50	mg/Kg	1.00	09/24/1999 20:00	
Cadmium	ND	0.50	mg/Kg	1.00	09/24/1999 20:00	
Chromium	41	1.0	mg/Kg	1.00	09/24/1999 20:00	
Cobalt	4.5	1.0	mg/Kg	1.00	09/24/1999 20:00	
Copper	5.7	1.0	mg/Kg	1.00	09/24/1999 20:00	
Lead	1.7	1.0	mg/Kg	1.00	09/24/1999 20:00	
Molybdenum	ND	1.0	mg/Kg	1.00	09/24/1999 20:00	
Nickel	31	1.0	mg/Kg	1.00	09/24/1999 20:00	
Selenium	ND	2.0	mg/Kg	1.00	09/24/1999 20:00	
Silver	ND	1.0	mg/Kg	1.00	09/24/1999 20:00	
Thallium	ND	1.0	mg/Kg	1.00	09/24/1999 20:00	
Vanadium	22	1.0	mg/Kg	1.00	09/24/1999 20:00	
Zinc	18	1.0	mg/Kg	1.00	09/24/1999 20:00	
Mercury	ND	0.050	mg/Kg	1.00	09/27/1999 09:45	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C3-Deep-15.0,16.0,17.0,18.0,19.5**	Lab Sample ID:	**1999-09-0347-005**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/24/1999 15:59
Sampled:	09/20/1999 12:10	QC-Batch:	1999/09/24-02.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/24/1999 20:03	
Arsenic	1.6	1.0	mg/Kg	1.00	09/24/1999 20:03	
Barium	35	1.0	mg/Kg	1.00	09/24/1999 20:03	
Beryllium	ND	0.50	mg/Kg	1.00	09/24/1999 20:03	
Cadmium	ND	0.50	mg/Kg	1.00	09/24/1999 20:03	
Chromium	41	1.0	mg/Kg	1.00	09/24/1999 20:03	
Cobalt	4.8	1.0	mg/Kg	1.00	09/24/1999 20:03	
Copper	5.1	1.0	mg/Kg	1.00	09/24/1999 20:03	
Lead	1.4	1.0	mg/Kg	1.00	09/24/1999 20:03	
Molybdenum	ND	1.0	mg/Kg	1.00	09/24/1999 20:03	
Nickel	30	1.0	mg/Kg	1.00	09/24/1999 20:03	
Selenium	ND	2.0	mg/Kg	1.00	09/24/1999 20:03	
Silver	ND	1.0	mg/Kg	1.00	09/24/1999 20:03	
Thallium	ND	1.0	mg/Kg	1.00	09/24/1999 20:03	
Vanadium	25	1.0	mg/Kg	1.00	09/24/1999 20:03	
Zinc	18	1.0	mg/Kg	1.00	09/24/1999 20:03	
Mercury	ND	0.050	mg/Kg	1.00	09/27/1999 09:47	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C4-Shallow-2.5.4.5,6.5,9.0,12.5**	Lab Sample ID:	**1999-09-0347-006**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/24/1999 15:59
Sampled:	09/20/1999 13:15	QC-Batch:	1999/09/24-02.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/24/1999 20:06	
Arsenic	1.4	1.0	mg/Kg	1.00	09/24/1999 20:06	
Barium	41	1.0	mg/Kg	1.00	09/24/1999 20:06	
Beryllium	ND	0.50	mg/Kg	1.00	09/24/1999 20:06	
Cadmium	ND	0.50	mg/Kg	1.00	09/24/1999 20:06	
Chromium	40	1.0	mg/Kg	1.00	09/24/1999 20:06	
Cobalt	5.5	1.0	mg/Kg	1.00	09/24/1999 20:06	
Copper	7.7	1.0	mg/Kg	1.00	09/24/1999 20:06	
Lead	4.3	1.0	mg/Kg	1.00	09/24/1999 20:06	
Molybdenum	ND	1.0	mg/Kg	1.00	09/24/1999 20:06	
Nickel	27	1.0	mg/Kg	1.00	09/24/1999 20:06	
Selenium	ND	2.0	mg/Kg	1.00	09/24/1999 20:06	
Silver	ND	1.0	mg/Kg	1.00	09/24/1999 20:06	
Thallium	ND	1.0	mg/Kg	1.00	09/24/1999 20:06	
Vanadium	23	1.0	mg/Kg	1.00	09/24/1999 20:06	
Zinc	19	1.0	mg/Kg	1.00	09/24/1999 20:06	
Mercury	ND	0.050	mg/Kg	1.00	09/27/1999 09:48	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C4-Deep-14.0,15.0,16.0,17.0**	Lab Sample ID:	**1999-09-0347-007**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/24/1999 15:59
Sampled:	09/20/1999 13:50	QC-Batch:	1999/09/24-02.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/24/1999 20:09	
Arsenic	ND	1.0	mg/Kg	1.00	09/24/1999 20:09	
Barium	31	1.0	mg/Kg	1.00	09/24/1999 20:09	
Beryllium	ND	0.50	mg/Kg	1.00	09/24/1999 20:09	
Cadmium	ND	0.50	mg/Kg	1.00	09/24/1999 20:09	
Chromium	38	1.0	mg/Kg	1.00	09/24/1999 20:09	
Cobalt	4.6	1.0	mg/Kg	1.00	09/24/1999 20:09	
Copper	4.8	1.0	mg/Kg	1.00	09/24/1999 20:09	
Lead	1.5	1.0	mg/Kg	1.00	09/24/1999 20:09	
Molybdenum	ND	1.0	mg/Kg	1.00	09/24/1999 20:09	
Nickel	32	1.0	mg/Kg	1.00	09/24/1999 20:09	
Selenium	ND	2.0	mg/Kg	1.00	09/24/1999 20:09	
Silver	ND	1.0	mg/Kg	1.00	09/24/1999 20:09	
Thallium	ND	1.0	mg/Kg	1.00	09/24/1999 20:09	
Vanadium	22	1.0	mg/Kg	1.00	09/24/1999 20:09	
Zinc	19	1.0	mg/Kg	1.00	09/24/1999 20:09	
Mercury	ND	0.050	mg/Kg	1.00	09/27/1999 09:52	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C5-Shallow-2.5,5.0,6.0,7.0**	Lab Sample ID:	**1999-09-0347-008**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/24/1999 15:59
Sampled:	09/20/1999 13:00	QC-Batch:	1999/09/24-02.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/24/1999 20:29	
Arsenic	1.6	1.0	mg/Kg	1.00	09/24/1999 20:29	
Barium	41	1.0	mg/Kg	1.00	09/24/1999 20:29	
Beryllium	ND	0.50	mg/Kg	1.00	09/24/1999 20:29	
Cadmium	ND	0.50	mg/Kg	1.00	09/24/1999 20:29	
Chromium	45	1.0	mg/Kg	1.00	09/24/1999 20:29	
Cobalt	5.2	1.0	mg/Kg	1.00	09/24/1999 20:29	
Copper	6.3	1.0	mg/Kg	1.00	09/24/1999 20:29	
Lead	5.2	1.0	mg/Kg	1.00	09/24/1999 20:29	
Molybdenum	ND	1.0	mg/Kg	1.00	09/24/1999 20:29	
Nickel	32	1.0	mg/Kg	1.00	09/24/1999 20:29	
Selenium	ND	2.0	mg/Kg	1.00	09/24/1999 20:29	
Silver	ND	1.0	mg/Kg	1.00	09/24/1999 20:29	
Thallium	ND	1.0	mg/Kg	1.00	09/24/1999 20:29	
Vanadium	27	1.0	mg/Kg	1.00	09/24/1999 20:29	
Zinc	21	1.0	mg/Kg	1.00	09/24/1999 20:29	
Mercury	ND	0.050	mg/Kg	1.00	09/27/1999 09:53	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C6-Shallow-2.5,5.0,7.5,9.5,12.0**	Lab Sample ID:	**1999-09-0347-009**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/24/1999 15:59
Sampled:	09/20/1999 15:55	QC-Batch:	1999/09/24-02.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/24/1999 20:32	
Arsenic	1.7	1.0	mg/Kg	1.00	09/24/1999 20:32	
Barium	45	1.0	mg/Kg	1.00	09/24/1999 20:32	
Beryllium	ND	0.50	mg/Kg	1.00	09/24/1999 20:32	
Cadmium	ND	0.50	mg/Kg	1.00	09/24/1999 20:32	
Chromium	48	1.0	mg/Kg	1.00	09/24/1999 20:32	
Cobalt	6.0	1.0	mg/Kg	1.00	09/24/1999 20:32	
Copper	7.5	1.0	mg/Kg	1.00	09/24/1999 20:32	
Lead	2.2	1.0	mg/Kg	1.00	09/24/1999 20:32	
Molybdenum	ND	1.0	mg/Kg	1.00	09/24/1999 20:32	
Nickel	36	1.0	mg/Kg	1.00	09/24/1999 20:32	
Selenium	ND	2.0	mg/Kg	1.00	09/24/1999 20:32	
Silver	ND	1.0	mg/Kg	1.00	09/24/1999 20:32	
Thallium	ND	1.0	mg/Kg	1.00	09/24/1999 20:32	
Vanadium	28	1.0	mg/Kg	1.00	09/24/1999 20:32	
Zinc	23	1.0	mg/Kg	1.00	09/24/1999 20:32	
Mercury	ND	0.050	mg/Kg	1.00	09/27/1999 09:54	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C7-Shallow-3.0,6.0,9.0,12.0,15.0**	Lab Sample ID:	**1999-09-0347-010**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/24/1999 15:59
Sampled:	09/20/1999 16:20	QC-Batch:	1999/09/24-02.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/24/1999 20:35	
Arsenic	1.2	1.0	mg/Kg	1.00	09/24/1999 20:35	
Barium	58	1.0	mg/Kg	1.00	09/24/1999 20:35	
Beryllium	ND	0.50	mg/Kg	1.00	09/24/1999 20:35	
Cadmium	ND	0.50	mg/Kg	1.00	09/24/1999 20:35	
Chromium	48	1.0	mg/Kg	1.00	09/24/1999 20:35	
Cobalt	5.0	1.0	mg/Kg	1.00	09/24/1999 20:35	
Copper	6.7	1.0	mg/Kg	1.00	09/24/1999 20:35	
Lead	1.9	1.0	mg/Kg	1.00	09/24/1999 20:35	
Molybdenum	ND	1.0	mg/Kg	1.00	09/24/1999 20:35	
Nickel	33	1.0	mg/Kg	1.00	09/24/1999 20:35	
Selenium	ND	2.0	mg/Kg	1.00	09/24/1999 20:35	
Silver	ND	1.0	mg/Kg	1.00	09/24/1999 20:35	
Thallium	ND	1.0	mg/Kg	1.00	09/24/1999 20:35	
Vanadium	25	1.0	mg/Kg	1.00	09/24/1999 20:35	
Zinc	20	1.0	mg/Kg	1.00	09/24/1999 20:35	
Mercury	ND	0.050	mg/Kg	1.00	09/27/1999 09:55	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C8-Shallow-2.5,4.5,6.0,8.0**	Lab Sample ID:	**1999-09-0347-011**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/24/1999 15:59
Sampled:	09/20/1999 16:50	QC-Batch:	1999/09/24-02.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/24/1999 20:38	
Arsenic	1.1	1.0	mg/Kg	1.00	09/24/1999 20:38	
Barium	40	1.0	mg/Kg	1.00	09/24/1999 20:38	
Beryllium	ND	0.50	mg/Kg	1.00	09/24/1999 20:38	
Cadmium	ND	0.50	mg/Kg	1.00	09/24/1999 20:38	
Chromium	35	1.0	mg/Kg	1.00	09/24/1999 20:38	
Cobalt	4.5	1.0	mg/Kg	1.00	09/24/1999 20:38	
Copper	6.8	1.0	mg/Kg	1.00	09/24/1999 20:38	
Lead	2.1	1.0	mg/Kg	1.00	09/24/1999 20:38	
Molybdenum	ND	1.0	mg/Kg	1.00	09/24/1999 20:38	
Nickel	28	1.0	mg/Kg	1.00	09/24/1999 20:38	
Selenium	ND	2.0	mg/Kg	1.00	09/24/1999 20:38	
Silver	ND	1.0	mg/Kg	1.00	09/24/1999 20:38	
Thallium	ND	1.0	mg/Kg	1.00	09/24/1999 20:38	
Vanadium	23	1.0	mg/Kg	1.00	09/24/1999 20:38	
Zinc	19	1.0	mg/Kg	1.00	09/24/1999 20:38	
Mercury	ND	0.050	mg/Kg	1.00	09/27/1999 09:56	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C1-Deep-13.5,14.5,16.0,17.5,19.5**	Lab Sample ID:	**1999-09-0347-012**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/24/1999 15:59
Sampled:	09/20/1999 09:46	QC-Batch:	1999/09/24-02.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/24/1999 20:41	
Arsenic	1.1	1.0	mg/Kg	1.00	09/24/1999 20:41	
Barium	35	1.0	mg/Kg	1.00	09/24/1999 20:41	
Beryllium	ND	0.50	mg/Kg	1.00	09/24/1999 20:41	
Cadmium	ND	0.50	mg/Kg	1.00	09/24/1999 20:41	
Chromium	40	1.0	mg/Kg	1.00	09/24/1999 20:41	
Cobalt	4.5	1.0	mg/Kg	1.00	09/24/1999 20:41	
Copper	6.6	1.0	mg/Kg	1.00	09/24/1999 20:41	
Lead	1.8	1.0	mg/Kg	1.00	09/24/1999 20:41	
Molybdenum	ND	1.0	mg/Kg	1.00	09/24/1999 20:41	
Nickel	30	1.0	mg/Kg	1.00	09/24/1999 20:41	
Selenium	ND	2.0	mg/Kg	1.00	09/24/1999 20:41	
Silver	ND	1.0	mg/Kg	1.00	09/24/1999 20:41	
Thallium	ND	1.0	mg/Kg	1.00	09/24/1999 20:41	
Vanadium	23	1.0	mg/Kg	1.00	09/24/1999 20:41	
Zinc	18	1.0	mg/Kg	1.00	09/24/1999 20:41	
Mercury	ND	0.050	mg/Kg	1.00	09/27/1999 09:58	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

Batch QC Report
CAM 17 Metals

Method Blank | **Soil** | **QC Batch # 1999/09/24-02.15**

MB: 1999/09/24-02.15-008

Date Extracted: 09/24/1999 15:59

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	09/24/1999 18:47	
Arsenic	ND	1.0	mg/Kg	09/24/1999 18:47	
Barium	ND	1.0	mg/Kg	09/24/1999 18:47	
Beryllium	ND	0.50	mg/Kg	09/24/1999 18:47	
Cadmium	ND	0.50	mg/Kg	09/24/1999 18:47	
Chromium	ND	1.0	mg/Kg	09/24/1999 18:47	
Cobalt	ND	1.0	mg/Kg	09/24/1999 18:47	
Copper	ND	1.0	mg/Kg	09/24/1999 18:47	
Lead	ND	1.0	mg/Kg	09/24/1999 18:47	
Molybdenum	ND	1.0	mg/Kg	09/24/1999 18:47	
Nickel	ND	1.0	mg/Kg	09/24/1999 18:47	
Selenium	ND	2.0	mg/Kg	09/24/1999 18:47	
Silver	ND	1.0	mg/Kg	09/24/1999 18:47	
Thallium	ND	1.0	mg/Kg	09/24/1999 18:47	
Vanadium	ND	1.0	mg/Kg	09/24/1999 18:47	
Zinc	ND	1.0	mg/Kg	09/24/1999 18:47	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

Batch QC Report
CAM 17 Metals

Method Blank **Soil** **QC Batch # 1999/09/24-02.16**

MB: 1999/09/24-02.16-056 Date Extracted: 09/24/1999 16:08

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	09/27/1999 09:37	

To: **URS Greiner Woodward Clyde- Oakland**

Attn: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/24-02.15**

LCS: 1999/09/24-02.15-009 Extracted: 09/24/1999 15:59 Analyzed: 09/24/1999 18:51

LCSD: 1999/09/24-02.15-010 Extracted: 09/24/1999 15:59 Analyzed: 09/24/1999 18:56

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Antimony	107	94.9	100.0	100.0	107.0	94.9	12.0	80-120	20		
Arsenic	110	97.7	100.0	100.0	110.0	97.7	11.8	80-120	20		
Barium	108	95.7	100.0	100.0	108.0	95.7	12.1	80-120	20		
Beryllium	106	94.4	100.0	100.0	106.0	94.4	11.6	80-120	20		
Cadmium	107	95.3	100.0	100.0	107.0	95.3	11.6	80-120	20		
Chromium	106	93.8	100.0	100.0	106.0	93.8	12.2	80-120	20		
Cobalt	107	94.5	100.0	100.0	107.0	94.5	12.4	80-120	20		
Copper	110	96.9	100.0	100.0	110.0	96.9	12.7	80-120	20		
Lead	106	94.2	100.0	100.0	106.0	94.2	11.8	80-120	20		
Molybdenum	110	97.9	100.0	100.0	110.0	97.9	11.6	80-120	20		
Nickel	108	95.3	100.0	100.0	108.0	95.3	12.5	80-120	20		
Selenium	105	93.6	100.0	100.0	105.0	93.6	11.5	80-120	20		
Silver	108	95.5	100.0	100.0	108.0	95.5	12.3	80-120	20		
Thallium	105	94.2	100.0	100.0	105.0	94.2	10.8	80-120	20		
Vanadium	109	96.4	100.0	100.0	109.0	96.4	12.3	80-120	20		
Zinc	107	95.1	100.0	100.0	107.0	95.1	11.8	80-120	20		

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/24-02.16**

LCS: 1999/09/24-02.16-057 Extracted: 09/24/1999 16:08 Analyzed: 09/27/1999 09:38

LCSD: 1999/09/24-02.16-058 Extracted: 09/24/1999 16:08 Analyzed: 09/27/1999 09:39

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Mercury	0.565	0.551	0.500	0.500	113.0	110.2	2.5	85-115	20		

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 7471A
6010B

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/09/24-02.15**

Sample ID: **Alameda Creek** Lab Sample ID: 1999-09-0373-001

MS: 1999/09/24-02.15-013 Extracted: 09/24/1999 15:59 Analyzed: 09/24/1999 19:05 Dilution: 1.0

MSD: 1999/09/24-02.15-014 Extracted: 09/24/1999 15:59 Analyzed: 09/24/1999 19:09 Dilution: 1.0

Compound	Conc [mg/Kg]			Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Antimony	71.3	76.0	ND	100.0	100.0	71.3	76.0	6.4	75-125	20	mso	
Arsenic	93.3	99.0	3.67	100.0	100.0	89.6	95.3	6.2	75-125	20		
Barium	163	173	89.5	100.0	100.0	73.5	83.5	12.7	75-125	20	mso	
Beryllium	88.1	92.8	ND	100.0	100.0	88.1	92.8	5.2	75-125	20		
Cadmium	86.0	89.8	ND	100.0	100.0	86.0	89.8	4.3	75-125	20		
Chromium	125	136	46.9	100.0	100.0	78.1	89.1	13.2	75-125	20		
Cobalt	91.9	97.1	7.95	100.0	100.0	84.0	89.1	5.9	75-125	20		
Copper	108	115	16.9	100.0	100.0	91.1	98.1	7.4	75-125	20		
Lead	90.0	93.9	6.40	100.0	100.0	83.6	87.5	4.6	75-125	20		
Molybdenum	87.2	92.0	ND	100.0	100.0	87.2	92.0	5.4	75-125	20		
Nickel	139	150	58.6	100.0	100.0	80.4	91.4	12.8	75-125	20		
Selenium	86.6	91.1	ND	100.0	100.0	86.6	91.1	5.1	75-125	20		
Silver	92.5	97.1	ND	100.0	100.0	92.5	97.1	4.9	75-125	20		
Thallium	80.3	83.2	ND	100.0	100.0	80.3	83.2	3.5	75-125	20		
Vanadium	113	120	26.0	100.0	100.0	87.0	94.0	7.7	75-125	20		
Zinc	123	132	41.2	100.0	100.0	81.8	90.8	10.4	75-125	20		

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 7471A
6010B

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/09/24-02.16**

Sample ID: **Alameda Creek** Lab Sample ID: 1999-09-0373-001

MS: 1999/09/24-02.16-075 Extracted: 09/24/1999 16:08 Analyzed: 09/27/1999 10:00 Dilution: 1.0

MSD: 1999/09/24-02.16-076 Extracted: 09/24/1999 16:08 Analyzed: 09/27/1999 10:01 Dilution: 1.0

Compound	Conc [mg/Kg]			Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Mercury	0.593	0.550	ND	0.500	0.500	118.6	110.0	7.5	85-115	20	mso	

To: **URS Greiner Woodward Clyde- Oakland**

Attn:Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

Legend & Notes

CAM 17 Metals

QC Compound Flags

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

CAM W.E.T. (STLC) Lead

URS Greiner Woodward Clyde- Oakland

☒ 500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn: Jay Clare

Phone: (510) 874-3027 Fax: (510) 874-3268

Project #: 510996706000

Project: Shorestein Parcel T9

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
C1-Shallow-3.0,5.5,7.5,11.0,12.0	Soil	09/20/1999 08:40	1
C2-Shallow-2.5,5.5,8.5,11.5,14.0	Soil	09/20/1999 10:37	2
C2-Deep-15.0,16.0,17.0,18.0,19.5	Soil	09/20/1999 11:08	3
C3-Shallow-2.5,5.5,8.5,11.5,14.0	Soil	09/20/1999 11:37	4
C3-Deep-15.0,16.0,17.0,18.0,19.5	Soil	09/20/1999 12:10	5
C4-Shallow-2.5.4.5,6.5,9.0,12.5	Soil	09/20/1999 13:15	6
C4-Deep-14.0,15.0,16.0,17.0	Soil	09/20/1999 13:50	7
C5-Shallow-2.5,5.0,6.0,7.0	Soil	09/20/1999 13:00	8
C6-Shallow-2.5,5.0,7.5,9.5,12.0	Soil	09/20/1999 15:55	9
C7-Shallow-3.0,6.0,9.0,12.0,15.0	Soil	09/20/1999 16:20	10
C8-Shallow-2.5,4.5,6.0,8.0	Soil	09/20/1999 16:50	11
C1-Deep-13.5,14.5,16.0,17.5,19.5	Soil	09/20/1999 09:46	12

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C1-Shallow-3.0,5.5,7.5,11.0,12.0**	Lab Sample ID:	**1999-09-0347-001**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/27/1999
Sampled:	09/20/1999 08:40	QC-Batch:	1999/09/27-03.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/27/1999	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID: **C2-Shallow-2.5,5.5,8.5,11.5,14.0**
Lab Sample ID: **1999-09-0347-002**
Project: 510996706000
Shorestein Parcel T9
Received: 09/21/1999 11:23
Extracted: 09/27/1999
Sampled: 09/20/1999 10:37
QC-Batch: 1999/09/27-03.17
Matrix: Soil

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/27/1999	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C2-Deep-15.0,16.0,17.0,18.0,19.5**	Lab Sample ID:	**1999-09-0347-003**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/27/1999
Sampled:	09/20/1999 11:08	QC-Batch:	1999/09/27-03.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/27/1999	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B

Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C3-Shallow-2.5,5.5,8.5,11.5,14.0**	Lab Sample ID:	**1999-09-0347-004**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/27/1999
Sampled:	09/20/1999 11:37	QC-Batch:	1999/09/27-03.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/27/1999	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C3-Deep-15.0,16.0,17.0,18.0,19.5**	Lab Sample ID:	**1999-09-0347-005**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/27/1999
Sampled:	09/20/1999 12:10	QC-Batch:	1999/09/27-03.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/27/1999	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C4-Shallow-2.5.4.5,6.5,9.0,12.5**	Lab Sample ID:	**1999-09-0347-006**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/27/1999
Sampled:	09/20/1999 13:15	QC-Batch:	1999/09/27-03.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/27/1999	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C4-Deep-14.0,15.0,16.0,17.0**	Lab Sample ID:	**1999-09-0347-007**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/27/1999
Sampled:	09/20/1999 13:50	QC-Batch:	1999/09/27-03.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/27/1999	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C5-Shallow-2.5,5.0,6.0,7.0**	Lab Sample ID:	**1999-09-0347-008**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/27/1999
Sampled:	09/20/1999 13:00	QC-Batch:	1999/09/27-03.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/27/1999	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C6-Shallow-2.5,5.0,7.5,9.5,12.0**	Lab Sample ID:	**1999-09-0347-009**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/27/1999
Sampled:	09/20/1999 15:55	QC-Batch:	1999/09/27-03.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/27/1999	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C7-Shallow-3.0,6.0,9.0,12.0,15.0**	Lab Sample ID:	**1999-09-0347-010**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/27/1999
Sampled:	09/20/1999 16:20	QC-Batch:	1999/09/27-03.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/27/1999	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C8-Shallow-2.5,4.5,6.0,8.0**	Lab Sample ID:	**1999-09-0347-011**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/27/1999
Sampled:	09/20/1999 16:50	QC-Batch:	1999/09/27-03.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/27/1999	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C1-Deep-13.5,14.5,16.0,17.5,19.5**	Lab Sample ID:	**1999-09-0347-012**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/27/1999
Sampled:	09/20/1999 09:46	QC-Batch:	1999/09/27-03.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/27/1999	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

Batch QC Report
CAM W.E.T. (STLC) Lead

Method Blank | **Soil** | **QC Batch # 1999/09/27-03.17**

MB: 1999/09/27-03.17-001 | Date Extracted: 09/27/1999

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Lead	ND	1.0	mg/L	09/27/1999	

To: **URS Greiner Woodward Clyde- Oakland**
Attn: Jay Clare

Test Method: 6010B
Prep Method: 3005A

Batch QC Report

CAM W.E.T. (STLC) Lead

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/27-03.17**

LCS: 1999/09/27-03.17-002 Extracted: 09/27/1999 Analyzed: 09/27/1999
LCSD: 1999/09/27-03.17-003 Extracted: 09/27/1999 Analyzed: 09/27/1999

Compound	Conc. [mg/L]		Exp.Conc. [mg/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Lead	48.8	49.2	50.0	50.0	97.6	98.4	0.8	80-120	20		

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B

Prep Method: 3005A

Batch QC Report

CAM W.E.T. (STLC) Lead

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/09/27-03.17**

Sample ID: **SPN-W,E SPS-E,W** Lab Sample ID: 1999-09-0342-001

MS: 1999/09/27-03.17-004 Extracted: 09/27/1999 Analyzed: 09/27/1999 Dilution: 1.0

MSD: 1999/09/27-03.17-005 Extracted: 09/27/1999 Analyzed: 09/27/1999 Dilution: 1.0

Compound	Conc [mg/L]			Exp.Conc. [mg/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Lead	57.7	57.4	7.16	50.0	50.0	101.1	100.5	0.6	75-125	20		

Total Extractable Petroleum Hydrocarbons (TEPH)

URS Greiner Woodward Clyde- Oakland
500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn: Jay Clare
Phone: (510) 874-3027 Fax: (510) 874-3268

Project #: 510996706000
Project: Shorestein Parcel T9

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
C1-Shallow-3.0,5.5,7.5,11.0,12.0	Soil	09/20/1999 08:40	1
C2-Shallow-2.5,5.5,8.5,11.5,14.0	Soil	09/20/1999 10:37	2
C2-Deep-15.0,16.0,17.0,18.0,19.5	Soil	09/20/1999 11:08	3
C3-Shallow-2.5,5.5,8.5,11.5,14.0	Soil	09/20/1999 11:37	4
C3-Deep-15.0,16.0,17.0,18.0,19.5	Soil	09/20/1999 12:10	5
C4-Shallow-2.5.4.5,6.5,9.0,12.5	Soil	09/20/1999 13:15	6
C4-Deep-14.0,15.0,16.0,17.0	Soil	09/20/1999 13:50	7
C5-Shallow-2.5,5.0,6.0,7.0	Soil	09/20/1999 13:00	8
C6-Shallow-2.5,5.0,7.5,9.5,12.0	Soil	09/20/1999 15:55	9
C7-Shallow-3.0,6.0,9.0,12.0,15.0	Soil	09/20/1999 16:20	10
C8-Shallow-2.5,4.5,6.0,8.0	Soil	09/20/1999 16:50	11
C1-Deep-13.5,14.5,16.0,17.5,19.5	Soil	09/20/1999 09:46	12

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C1-Shallow-3.0,5.5,7.5,11.0,12.0**	Lab Sample ID:	**1999-09-0347-001**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 09:00
Sampled:	09/20/1999 08:40	QC-Batch:	1999/09/28-03.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	09/29/1999 13:04	
Motor Oil	ND	50	mg/Kg	1.00	09/29/1999 13:04	
Surrogate(s)						
o-Terphenyl	89.8	60-130	%	1.00	09/29/1999 13:04	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C2-Shallow-2.5,5.5,8.5,11.5,14.0**	Lab Sample ID:	**1999-09-0347-002**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 09:00
Sampled:	09/20/1999 10:37	QC-Batch:	1999/09/28-03.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	09/29/1999 13:48	
Motor Oil	ND	50	mg/Kg	1.00	09/29/1999 13:48	
Surrogate(s)						
o-Terphenyl	86.7	60-130	%	1.00	09/29/1999 13:48	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C2-Deep-15.0,16.0,17.0,18.0,19.5**	Lab Sample ID:	**1999-09-0347-003**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 09:00
Sampled:	09/20/1999 11:08	QC-Batch:	1999/09/28-03.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	09/29/1999 14:31	
Motor Oil	ND	50	mg/Kg	1.00	09/29/1999 14:31	
Surrogate(s)						
o-Terphenyl	95.0	60-130	%	1.00	09/29/1999 14:31	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C3-Shallow-2.5,5.5,8.5,11.5,14.0**	Lab Sample ID:	**1999-09-0347-004**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 09:00
Sampled:	09/20/1999 11:37	QC-Batch:	1999/09/28-03.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	09/29/1999 15:15	
Motor Oil	ND	50	mg/Kg	1.00	09/29/1999 15:15	
Surrogate(s)						
o-Terphenyl	88.8	60-130	%	1.00	09/29/1999 15:15	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C3-Deep-15.0,16.0,17.0,18.0,19.5**	Lab Sample ID:	**1999-09-0347-005**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 09:00
Sampled:	09/20/1999 12:10	QC-Batch:	1999/09/28-03.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	09/29/1999 15:59	
Motor Oil	ND	50	mg/Kg	1.00	09/29/1999 15:59	
Surrogate(s)						
o-Terphenyl	101.7	60-130	%	1.00	09/29/1999 15:59	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C4-Shallow-2.5.4.5,6.5,9.0,12.5**	Lab Sample ID:	**1999-09-0347-006**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 09:00
Sampled:	09/20/1999 13:15	QC-Batch:	1999/09/28-03.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	1.2	1.0	mg/Kg	1.00	09/29/1999 16:43	nhc
Motor Oil	ND	50	mg/Kg	1.00	09/29/1999 16:43	
Surrogate(s)						
o-Terphenyl	103.7	60-130	%	1.00	09/29/1999 16:43	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C4-Deep-14.0,15.0,16.0,17.0**	Lab Sample ID:	**1999-09-0347-007**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 09:00
Sampled:	09/20/1999 13:50	QC-Batch:	1999/09/28-03.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	09/29/1999 17:29	
Motor Oil	ND	50	mg/Kg	1.00	09/29/1999 17:29	
Surrogate(s)						
o-Terphenyl	67.1	60-130	%	1.00	09/29/1999 17:29	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C5-Shallow-2.5,5.0,6.0,7.0**	Lab Sample ID:	**1999-09-0347-008**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 09:00
Sampled:	09/20/1999 13:00	QC-Batch:	1999/09/28-03.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	1.0	1.0	mg/Kg	1.00	09/29/1999 17:27	nhc
Motor Oil	ND	50	mg/Kg	1.00	09/29/1999 17:27	
Surrogate(s)						
o-Terphenyl	97.9	60-130	%	1.00	09/29/1999 17:27	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C6-Shallow-2.5,5.0,7.5,9.5,12.0**	Lab Sample ID:	**1999-09-0347-009**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 09:00
Sampled:	09/20/1999 15:55	QC-Batch:	1999/09/28-03.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	09/29/1999 13:35	
Motor Oil	ND	50	mg/Kg	1.00	09/29/1999 13:35	
Surrogate(s)						
o-Terphenyl	83.0	60-130	%	1.00	09/29/1999 13:35	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C7-Shallow-3.0,6.0,9.0,12.0,15.0**	Lab Sample ID:	**1999-09-0347-010**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 09:00
Sampled:	09/20/1999 16:20	QC-Batch:	1999/09/28-03.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	09/29/1999 14:21	
Motor Oil	ND	50	mg/Kg	1.00	09/29/1999 14:21	
Surrogate(s)						
o-Terphenyl	83.0	60-130	%	1.00	09/29/1999 14:21	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C8-Shallow-2.5,4.5,6.0,8.0**	Lab Sample ID:	**1999-09-0347-011**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 09:00
Sampled:	09/20/1999 16:50	QC-Batch:	1999/09/28-03.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	09/29/1999 15:08	
Motor Oil	ND	50	mg/Kg	1.00	09/29/1999 15:08	
Surrogate(s)						
o-Terphenyl	77.5	60-130	%	1.00	09/29/1999 15:08	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C1-Deep-13.5,14.5,16.0,17.5,19.5**	Lab Sample ID:	**1999-09-0347-012**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 09:00
Sampled:	09/20/1999 09:46	QC-Batch:	1999/09/28-03.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	1.2	1.0	mg/Kg	1.00	09/29/1999 15:55	ed
Motor Oil	ND	50	mg/Kg	1.00	09/29/1999 15:55	
Surrogate(s)						
o-Terphenyl	76.6	60-130	%	1.00	09/29/1999 15:55	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Batch QC Report
Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank | **Soil** | **QC Batch # 1999/09/28-03.10**

MB: 1999/09/28-03.10-001 | Date Extracted: 09/28/1999 09:00

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	1	mg/Kg	09/29/1999 09:25	
Motor Oil	ND	50	mg/Kg	09/29/1999 09:25	
Surrogate(s)					
o-Terphenyl	87.0	60-130	%	09/29/1999 09:25	

To: **URS Greiner Woodward Clyde- Oakland**
Attn: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/28-03.10**

LCS: 1999/09/28-03.10-002 Extracted: 09/28/1999 09:00 Analyzed: 09/29/1999 10:54
LCSD: 1999/09/28-03.10-003 Extracted: 09/28/1999 09:00 Analyzed: 09/29/1999 11:26

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Diesel	25.9	27.7	41.7	41.7	62.1	66.4	6.7	60-130	25		
Surrogate(s)											
o-Terphenyl	17.1	22.2	20.0	20.0	85.5	111.0		60-130			

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/09/28-03.10**

Sample ID: **S1** Lab Sample ID: 1999-09-0323-001

MS: 1999/09/28-03.10-004 Extracted: 09/28/1999 09:00 Analyzed: 09/29/1999 16:17 Dilution: 1.0
MSD: 1999/09/28-03.10-005 Extracted: 09/28/1999 09:00 Analyzed: 09/29/1999 16:50 Dilution: 1.0

Compound	Conc [mg/Kg]			Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Diesel	60.9	85.0	510	41.7	41.7	-1077	-1019	-5.5	60-130	25		msl
Surrogate(s)												
o-Terphenyl	17.7	12.5		20.0	20.0	88.5	62.5		60-130			

To: **URS Greiner Woodward Clyde- Oakland**
Attn:Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Legend & Notes

Total Extractable Petroleum Hydrocarbons (TEPH)

QC Compound Flags

msl

Analyte MS/MSD recoveries were out of QC limits due to Parent sample target analyte concentration exceeding the spiked amount by greater than 4X.

Analyte Flags

ed

Hydrocarbon reported is in the early Diesel range, and does not match our Diesel standard

nhc

Compounds reported are in the Diesel range. They do no exhibit a pattern characteristic of hydrocarbon.

Gas/BTEX

URS Greiner Woodward Clyde- Oakland

500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn: Jay Clare

Phone: (510) 874-3027 Fax: (510) 874-3268

Project #: 510996706000

Project: Shorestein Parcel T9

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
C1-Shallow-3.0,5.5,7.5,11.0,12.0	Soil	09/20/1999 08:40	1
C2-Shallow-2.5,5.5,8.5,11.5,14.0	Soil	09/20/1999 10:37	2
C2-Deep-15.0,16.0,17.0,18.0,19.5	Soil	09/20/1999 11:08	3
C3-Shallow-2.5,5.5,8.5,11.5,14.0	Soil	09/20/1999 11:37	4
C3-Deep-15.0,16.0,17.0,18.0,19.5	Soil	09/20/1999 12:10	5
C4-Shallow-2.5.4.5,6.5,9.0,12.5	Soil	09/20/1999 13:15	6
C4-Deep-14.0,15.0,16.0,17.0	Soil	09/20/1999 13:50	7
C5-Shallow-2.5,5.0,6.0,7.0	Soil	09/20/1999 13:00	8
C6-Shallow-2.5,5.0,7.5,9.5,12.0	Soil	09/20/1999 15:55	9
C7-Shallow-3.0,6.0,9.0,12.0,15.0	Soil	09/20/1999 16:20	10
C8-Shallow-2.5,4.5,6.0,8.0	Soil	09/20/1999 16:50	11
C1-Deep-13.5,14.5,16.0,17.5,19.5	Soil	09/20/1999 09:46	12

CHROMALAB, INC.

Environmental Services (SDB)

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID: **C1-Shallow-3.0,5.5,7.5,11.0,12.0**

Project: 510996706000
Shorestein Parcel T9

Sampled: 09/20/1999 08:40

Matrix: Soil

Lab Sample ID: **1999-09-0347-001**

Received: 09/21/1999 11:23

Extracted: 09/27/1999 16:58

QC-Batch: 1999/09/27-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/27/1999 16:58	
Benzene	ND	0.0050	mg/Kg	1.00	09/27/1999 16:58	
Toluene	ND	0.0050	mg/Kg	1.00	09/27/1999 16:58	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/27/1999 16:58	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/27/1999 16:58	
Surrogate(s)						
Trifluorotoluene	94.8	53-125	%	1.00	09/27/1999 16:58	
4-Bromofluorobenzene-FID	73.8	58-124	%	1.00	09/27/1999 16:58	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID: **C2-Shallow-2.5,5.5,8.5,11.5,14.0**

Lab Sample ID: **1999-09-0347-002**

Project: 510996706000
Shorestein Parcel T9

Received: 09/21/1999 11:23

Sampled: 09/20/1999 10:37

Extracted: 09/27/1999 17:26

Matrix: Soil

QC-Batch: 1999/09/27-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/27/1999 17:26	
Benzene	ND	0.0050	mg/Kg	1.00	09/27/1999 17:26	
Toluene	ND	0.0050	mg/Kg	1.00	09/27/1999 17:26	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/27/1999 17:26	
Xylene(s)						
Surrogate(s)						
Trifluorotoluene	89.7	53-125	%	1.00	09/27/1999 17:26	
4-Bromofluorobenzene-FID	68.7	58-124	%	1.00	09/27/1999 17:26	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID: **C2-Deep-15.0,16.0,17.0,18.0,19.5**

Lab Sample ID: **1999-09-0347-003**

Project: 510996706000
Shorestein Parcel T9

Received: 09/21/1999 11:23

Sampled: 09/20/1999 11:08

Extracted: 09/28/1999 16:54

Matrix: Soil

QC-Batch: 1999/09/28-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/28/1999 16:54	
Benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 16:54	
Toluene	ND	0.0050	mg/Kg	1.00	09/28/1999 16:54	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 16:54	
Xylene(s)						
Surrogate(s)						
Trifluorotoluene	92.5	53-125	%	1.00	09/28/1999 16:54	
4-Bromofluorobenzene-FID	80.8	58-124	%	1.00	09/28/1999 16:54	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID:	**C3-Shallow-2.5,5.5,8.5,11.5,14.0**	Lab Sample ID:	**1999-09-0347-004**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/29/1999 09:41
Sampled:	09/20/1999 11:37	QC-Batch:	1999/09/29-01.04
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/29/1999 09:41	
Benzene	ND	0.0050	mg/Kg	1.00	09/29/1999 09:41	
Toluene	ND	0.0050	mg/Kg	1.00	09/29/1999 09:41	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/29/1999 09:41	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/29/1999 09:41	
Surrogate(s)						
Trifluorotoluene	82.9	53-125	%	1.00	09/29/1999 09:41	
4-Bromofluorobenzene-FID	79.2	58-124	%	1.00	09/29/1999 09:41	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID:	**C3-Deep-15.0,16.0,17.0,18.0,19.5**	Lab Sample ID:	**1999-09-0347-005**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
Sampled:	09/20/1999 12:10	Extracted:	09/29/1999 06:12
Matrix:	Soil	QC-Batch:	1999/09/28-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/29/1999 06:12	
Benzene	ND	0.0050	mg/Kg	1.00	09/29/1999 06:12	
Toluene	ND	0.0050	mg/Kg	1.00	09/29/1999 06:12	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/29/1999 06:12	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/29/1999 06:12	
Surrogate(s)						
Trifluorotoluene	79.2	53-125	%	1.00	09/29/1999 06:12	
4-Bromofluorobenzene-FID	63.4	58-124	%	1.00	09/29/1999 06:12	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID:	**C4-Shallow-2.5.4.5,6.5,9.0,12.5**	Lab Sample ID:	**1999-09-0347-006**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 15:59
Sampled:	09/20/1999 13:15	QC-Batch:	1999/09/28-01.04
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/28/1999 15:59	
Benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 15:59	
Toluene	ND	0.0050	mg/Kg	1.00	09/28/1999 15:59	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 15:59	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/28/1999 15:59	
Surrogate(s)						
Trifluorotoluene	85.5	53-125	%	1.00	09/28/1999 15:59	
4-Bromofluorobenzene-FID	78.6	58-124	%	1.00	09/28/1999 15:59	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID: **C4-Deep-14.0,15.0,16.0,17.0**

Project: 510996706000
Shorestein Parcel T9

Lab Sample ID: **1999-09-0347-007**

Received: 09/21/1999 11:23

Sampled: 09/20/1999 13:50

Extracted: 09/28/1999 21:01

Matrix: Soil

QC-Batch: 1999/09/28-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/28/1999 21:01	
Benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 21:01	
Toluene	ND	0.0050	mg/Kg	1.00	09/28/1999 21:01	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 21:01	
Xylene(s)						
Surrogate(s)						
Trifluorotoluene	86.4	53-125	%	1.00	09/28/1999 21:01	
4-Bromofluorobenzene-FID	75.0	58-124	%	1.00	09/28/1999 21:01	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID: **C5-Shallow-2.5,5.0,6.0,7.0**

Project: 510996706000
Shorestein Parcel T9

Sampled: 09/20/1999 13:00

Matrix: Soil

Lab Sample ID: **1999-09-0347-008**

Received: 09/21/1999 11:23

Extracted: 09/28/1999 20:34

QC-Batch: 1999/09/28-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/28/1999 20:34	
Benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 20:34	
Toluene	ND	0.0050	mg/Kg	1.00	09/28/1999 20:34	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 20:34	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/28/1999 20:34	
Surrogate(s)						
Trifluorotoluene	88.0	53-125	%	1.00	09/28/1999 20:34	
4-Bromofluorobenzene-FID	77.2	58-124	%	1.00	09/28/1999 20:34	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID: **C6-Shallow-2.5,5.0,7.5,9.5,12.0**

Project: 510996706000
Shorestein Parcel T9

Sampled: 09/20/1999 15:55

Matrix: Soil

Lab Sample ID: **1999-09-0347-009**

Received: 09/21/1999 11:23

Extracted: 09/29/1999 04:48

QC-Batch: 1999/09/28-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/29/1999 04:48	
Benzene	ND	0.0050	mg/Kg	1.00	09/29/1999 04:48	
Toluene	ND	0.0050	mg/Kg	1.00	09/29/1999 04:48	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/29/1999 04:48	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/29/1999 04:48	
Surrogate(s)						
Trifluorotoluene	81.7	53-125	%	1.00	09/29/1999 04:48	
4-Bromofluorobenzene-FID	68.9	58-124	%	1.00	09/29/1999 04:48	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID:	**C7-Shallow-3.0,6.0,9.0,12.0,15.0**	Lab Sample ID:	**1999-09-0347-010**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 20:07
Sampled:	09/20/1999 16:20	QC-Batch:	1999/09/28-01.04
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/28/1999 20:07	
Benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 20:07	
Toluene	ND	0.0050	mg/Kg	1.00	09/28/1999 20:07	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 20:07	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/28/1999 20:07	
Surrogate(s)						
Trifluorotoluene	80.1	53-125	%	1.00	09/28/1999 20:07	
4-Bromofluorobenzene-FID	71.6	58-124	%	1.00	09/28/1999 20:07	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID:	**C8-Shallow-2.5,4.5,6.0,8.0**	Lab Sample ID:	**1999-09-0347-011**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 21:56
Sampled:	09/20/1999 16:50	QC-Batch:	1999/09/28-01.04
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/28/1999 21:56	
Benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 21:56	
Toluene	ND	0.0050	mg/Kg	1.00	09/28/1999 21:56	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 21:56	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/28/1999 21:56	
Surrogate(s)						
Trifluorotoluene	78.7	53-125	%	1.00	09/28/1999 21:56	
4-Bromofluorobenzene-FID	68.4	58-124	%	1.00	09/28/1999 21:56	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID:	**C1-Deep-13.5,14.5,16.0,17.5,19.5**	Lab Sample ID:	**1999-09-0347-012**
Project:	510996706000 Shorestein Parcel T9	Received:	09/21/1999 11:23
		Extracted:	09/28/1999 21:29
Sampled:	09/20/1999 09:46	QC-Batch:	1999/09/28-01.04
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/28/1999 21:29	
Benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 21:29	
Toluene	ND	0.0050	mg/Kg	1.00	09/28/1999 21:29	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/28/1999 21:29	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/28/1999 21:29	
Surrogate(s)						
Trifluorotoluene	83.1	53-125	%	1.00	09/28/1999 21:29	
4-Bromofluorobenzene-FID	74.3	58-124	%	1.00	09/28/1999 21:29	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report
Gas/BTEX

Method Blank | **Soil** | **QC Batch # 1999/09/27-01.02**

MB: 1999/09/27-01.02-001

Date Extracted: 09/27/1999 06:48

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	09/27/1999 06:48	
Benzene	ND	0.0050	mg/Kg	09/27/1999 06:48	
Toluene	ND	0.0050	mg/Kg	09/27/1999 06:48	
Ethyl benzene	ND	0.0050	mg/Kg	09/27/1999 06:48	
Xylene(s)	ND	0.0050	mg/Kg	09/27/1999 06:48	
Surrogate(s)					
Trifluorotoluene	112.0	53-125	%	09/27/1999 06:48	
4-Bromofluorobenzene-FID	95.0	58-124	%	09/27/1999 06:48	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report
Gas/BTEX

Method Blank | **Soil** | **QC Batch # 1999/09/28-01.02**

MB: 1999/09/28-01.02-001

Date Extracted: 09/28/1999 05:52

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	09/28/1999 05:52	
Benzene	ND	0.0050	mg/Kg	09/28/1999 05:52	
Toluene	ND	0.0050	mg/Kg	09/28/1999 05:52	
Ethyl benzene	ND	0.0050	mg/Kg	09/28/1999 05:52	
Xylene(s)	ND	0.0050	mg/Kg	09/28/1999 05:52	
Surrogate(s)					
Trifluorotoluene	112.0	53-125	%	09/28/1999 05:52	
4-Bromofluorobenzene-FID	92.8	58-124	%	09/28/1999 05:52	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report
Gas/BTEX

Method Blank | **Soil** | **QC Batch # 1999/09/28-01.04**

MB: 1999/09/28-01.04-001

Date Extracted: 09/28/1999 05:52

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	09/28/1999 05:52	
Benzene	ND	0.0050	mg/Kg	09/28/1999 05:52	
Toluene	ND	0.0050	mg/Kg	09/28/1999 05:52	
Ethyl benzene	ND	0.0050	mg/Kg	09/28/1999 05:52	
Xylene(s)	ND	0.0050	mg/Kg	09/28/1999 05:52	
Surrogate(s)					
Trifluorotoluene	96.8	53-125	%	09/28/1999 05:52	
4-Bromofluorobenzene-FID	90.4	58-124	%	09/28/1999 05:52	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report
Gas/BTEX

Method Blank | **Soil** | **QC Batch # 1999/09/29-01.04**

MB: 1999/09/29-01.04-001

Date Extracted: 09/29/1999 05:56

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	09/29/1999 05:56	
Benzene	ND	0.0050	mg/Kg	09/29/1999 05:56	
Toluene	ND	0.0050	mg/Kg	09/29/1999 05:56	
Ethyl benzene	ND	0.0050	mg/Kg	09/29/1999 05:56	
Xylene(s)	ND	0.0050	mg/Kg	09/29/1999 05:56	
Surrogate(s)					
Trifluorotoluene	99.2	53-125	%	09/29/1999 05:56	
4-Bromofluorobenzene-FID	85.0	58-124	%	09/29/1999 05:56	

To: **URS Greiner Woodward Clyde- Oakland**

Attn: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/27-01.02**

LCS: 1999/09/27-01.02-002 Extracted: 09/27/1999 07:15 Analyzed: 09/27/1999 07:15

LCSD: 1999/09/27-01.02-003 Extracted: 09/27/1999 07:42 Analyzed: 09/27/1999 07:42

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Gasoline	0.429	0.415	0.500	0.500	85.8	83.0	3.3	75-125	35		
Benzene	0.101	0.0821	0.1000	0.1000	101.0	82.1	20.6	77-123	35		
Toluene	0.0992	0.0830	0.1000	0.1000	99.2	83.0	17.8	78-122	35		
Ethyl benzene	0.0945	0.0819	0.1000	0.1000	94.5	81.9	14.3	70-130	35		
Xylene(s)	0.285	0.241	0.300	0.300	95.0	80.3	16.8	75-125	35		
Surrogate(s)											
Trifluorotoluene	454	378	500	500	90.8	75.6		53-125			
4-Bromofluorobenzene-FI	522	479	500	500	104.4	95.8		58-124			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/28-01.02**

LCS: 1999/09/28-01.02-002 Extracted: 09/28/1999 06:40 Analyzed: 09/28/1999 06:40

LCSD: 1999/09/28-01.02-003 Extracted: 09/28/1999 07:07 Analyzed: 09/28/1999 07:07

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Gasoline	0.425	0.413	0.500	0.500	85.0	82.6	2.9	75-125	35		
Benzene	0.100	0.0906	0.1000	0.1000	100.0	90.6	9.9	77-123	35		
Toluene	0.0955	0.0897	0.1000	0.1000	95.5	89.7	6.3	78-122	35		
Ethyl benzene	0.0910	0.0911	0.1000	0.1000	91.0	91.1	0.1	70-130	35		
Xylene(s)	0.269	0.258	0.300	0.300	89.7	86.0	4.2	75-125	35		
Surrogate(s)											
Trifluorotoluene	455	394	500	500	91.0	78.8		53-125			
4-Bromofluorobenzene-FI	405	443	500	500	81.0	88.6		58-124			

To: **URS Greiner Woodward Clyde- Oakland**

Test Method: 8020
8015M

Attn: Jay Clare

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/28-01.04**

LCS: 1999/09/28-01.04-002 Extracted: 09/28/1999 06:19 Analyzed: 09/28/1999 06:19

LCSD: 1999/09/28-01.04-003 Extracted: 09/28/1999 06:46 Analyzed: 09/28/1999 06:46

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Gasoline	0.480	0.474	0.500	0.500	96.0	94.8	1.3	75-125	35		
Benzene	0.0929	0.0871	0.1000	0.1000	92.9	87.1	6.4	77-123	35		
Toluene	0.0923	0.0861	0.1000	0.1000	92.3	86.1	7.0	78-122	35		
Ethyl benzene	0.0903	0.0842	0.1000	0.1000	90.3	84.2	7.0	70-130	35		
Xylene(s)	0.269	0.252	0.300	0.300	89.7	84.0	6.6	75-125	35		
Surrogate(s)											
Trifluorotoluene	477	452	500	500	95.4	90.4		53-125			
4-Bromofluorobenzene-FI	450	468	500	500	90.0	93.6		58-124			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Attn: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/29-01.04**

LCS: 1999/09/29-01.04-002 Extracted: 09/29/1999 06:23 Analyzed: 09/29/1999 06:23

LCSD: 1999/09/29-01.04-003 Extracted: 09/29/1999 08:47 Analyzed: 09/29/1999 08:47

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Gasoline	0.486	0.484	0.500	0.500	97.2	96.8	0.4	75-125	35		
Benzene	0.0844	0.0813	0.1000	0.1000	84.4	81.3	3.7	77-123	35		
Toluene	0.0858	0.0834	0.1000	0.1000	85.8	83.4	2.8	78-122	35		
Ethyl benzene	0.0852	0.0835	0.1000	0.1000	85.2	83.5	2.0	70-130	35		
Xylene(s)	0.255	0.250	0.300	0.300	85.0	83.3	2.0	75-125	35		
Surrogate(s)											
Trifluorotoluene	452	457	500	500	90.4	91.4		53-125			
4-Bromofluorobenzene-FI	451	476	500	500	90.2	95.2		58-124			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Test Method: 8020
8015M

Attn.: Jay Clare

Prep Method: 5030

Batch QC Report

Gas/BTEX

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/09/27-01.02**

Sample ID: **S1** Lab Sample ID: 1999-09-0323-001

MS: 1999/09/27-01.02-004 Extracted: 09/27/1999 14:26 Analyzed: 09/27/1999 14:26 Dilution: 1.0

MSD: 1999/09/27-01.02-005 Extracted: 09/27/1999 14:54 Analyzed: 09/27/1999 14:54 Dilution: 1.0

Compound	Conc [mg/Kg]			Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Gasoline	0.279	0.295	ND	0.500	0.500	55.8	59.0	5.6	65-135	35	mso	mso
Benzene	0.0624	0.0568	ND	0.1000	0.1000	62.4	56.8	9.4	65-135	35	mso	mso
Toluene	0.0615	0.0710	ND	0.1000	0.1000	61.5	71.0	14.3	65-135	35	mso	
Ethyl benzene	0.0576	0.0520	ND	0.1000	0.1000	57.6	52.0	10.2	65-135	35	mso	mso
Xylene(s)	0.166	0.171	ND	0.300	0.300	55.3	57.0	3.0	65-135	35	mso	mso
Surrogate(s)												
Trifluorotoluene	313	296		500	500	62.6	59.2		53-125			

To: **URS Greiner Woodward Clyde- Oakland**

Test Method: 8020
8015M

Attn.: Jay Clare

Prep Method: 5030

Batch QC Report

Gas/BTEX

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/09/28-01.04**

Sample ID: **SB7+193E-14.5** Lab Sample ID: 1999-09-0265-016

MS: 1999/09/28-01.04-004 Extracted: 09/28/1999 18:17 Analyzed: 09/28/1999 18:17 Dilution: 1.0

MSD: 1999/09/28-01.04-005 Extracted: 09/28/1999 18:45 Analyzed: 09/28/1999 18:45 Dilution: 1.0

Compound	Conc [mg/Kg]			Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Gasoline	0.357	0.314	ND	0.496	0.500	72.0	62.8	13.6	65-135	35		mso
Benzene	0.0664	0.0631	ND	0.0992	0.1000	66.9	63.1	5.8	65-135	35		mso
Toluene	0.0679	0.0643	ND	0.0992	0.1000	68.4	64.3	6.2	65-135	35		mso
Ethyl benzene	0.0670	0.0640	ND	0.0992	0.1000	67.5	64.0	5.3	65-135	35		mso
Xylene(s)	0.201	0.192	ND	0.298	0.300	67.4	64.0	5.2	65-135	35		mso
Surrogate(s)												
Trifluorotoluene	379	351		500	500	75.8	70.2		53-125			
4-Bromofluorobenzene-	325	297		500	500	65.0	59.4		58-124			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0347

To: **URS Greiner Woodward Clyde- Oakland**

Test Method: 8020
8015M

Attn.: Jay Clare

Prep Method: 5030

Batch QC Report

Gas/BTEX

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/09/28-01.02**

Sample ID: **SB7+193E-1** Lab Sample ID: 1999-09-0265-012

MS: 1999/09/28-01.02-004 Extracted: 09/28/1999 16:10 Analyzed: 09/28/1999 16:10 Dilution: 1.0

MSD: 1999/09/28-01.02-005 Extracted: 09/29/1999 10:58 Analyzed: 09/29/1999 10:58 Dilution: 1.0

Compound	Conc [mg/Kg]			Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Gasoline	0.244	0.270	ND	0.482	0.499	50.6	54.1	6.7	65-135	35	mso	mso
Benzene	0.0570	0.0587	ND	0.0963	0.0998	59.2	58.8	0.7	65-135	35	mso	mso
Toluene	0.0600	0.0618	ND	0.0963	0.0998	62.3	61.9	0.6	65-135	35	mso	mso
Ethyl benzene	0.0514	0.0558	ND	0.0963	0.0998	53.4	55.9	4.6	65-135	35	mso	mso
Xylene(s)	0.136	0.165	ND	0.289	0.299	47.1	55.2	15.8	65-135	35	mso	mso
Surrogate(s)												
Trifluorotoluene	282	297		500	500	56.4	59.4		53-125			

9909347

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

Reference #: 48083

Chain of Custody

DATE 9/20 PAGE 1 of 12

PROJ MGR Jay Clare
COMPANY URS Greiner WC
ADDRESS 500 12th St Suite 201
Oakland, CA 94607
SAMPLERS (SIGNATURE) Craig Pruner (PHONE NO.) (FAX NO.)

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☒ Gas w/☒ BTEX ☐MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) ☒Diesel ☒M.O. ☐ Other	PURGEABLE HALOCARBONS, (EVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)		☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☒W.E.T. (STLC) for Lead ☐TCLP	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)	TCLP for Lead			NUMBER OF CONTAINERS
C1-Shallow-3.0	9/20	840	S	Ø	X			X										X		X		X				1
C1-Shallow-5.5	9/20	845	S	Ø																						1
C1-Shallow-7.5	9/20	922	S	Ø																						1
C1-Shallow-11.0	9/20	926	S	Ø																						1
~~C1-Shallow-12.0~~ C1-Shallow-12.0	9/20	935	S	Ø																						1
~~C1-Deep-12.5~~	~~9/20~~	~~937~~	~~S~~																							~~1~~
~~C1-Deep-13.5~~	~~9/20~~	~~946~~	~~S~~																							~~1~~
~~C1-Deep 14.5~~	~~9/20~~	~~952~~	~~S~~																							~~1~~
~~C1-Deep 16.0~~	~~9/20~~	~~959~~	~~S~~																							~~1~~

Composite 7

PROJECT INFORMATION

PROJECT NAME: Sherenstein Parcel T9
PROJECT NUMBER: 51099670600
P.O. #:
TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS: 5
HEAD SPACE:
TEMPERATURE: 5.5°C
CONFORMS TO RECORD:

SPECIAL INSTRUCTIONS/COMMENTS:
Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report
Composite these 5 samples
Only Analyze Composite sample

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3
(SIGNATURE) Craig Pruner (TIME) 845	(SIGNATURE) (TIME)	(SIGNATURE) (TIME) 1805
(PRINTED NAME) Craig Pruner (DATE) 9/21	(PRINTED NAME) (DATE)	(PRINTED NAME) B Mercer (DATE) 9/21/99
(COMPANY) URSGWC	(COMPANY)	(COMPANY) Chromalab
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3**
(SIGNATURE) (TIME) 1335	(SIGNATURE) (TIME)	(SIGNATURE) Denise Harrington (TIME)
(PRINTED NAME) (DATE) 9.21.99	(PRINTED NAME) (DATE)	(PRINTED NAME) D. Harrington (DATE) 1805
(COMPANY)	(COMPANY)	(COMPANY) Chromalab 9/21/99

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

190347

Reference #: 48083

Chain of Custody

DATE 9/20 PAGE 2 OF 12

PROJ MGR Tay Clark
COMPANY URS Greiner WC
ADDRESS 500 12th St Suite 200
Oakland, CA 94607
SAMPLERS (SIGNATURE) Craig Prunier
(PHONE NO.)
(FAX NO.)

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☒ Gas w/ ☒ BTEX ☐ MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) ☒ Diesel ☐ M.O. ☐ Other	PURGEABLE HALOCARBONS (EHVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)		☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☒ W.E.T. (STLC) for Lead ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)	TCLP for Lead			NUMBER OF CONTAINERS
C1 Deep 17.5	9/20	1004	S		X			X									X		X		X				
C1-Deep 19.5	9/20	1015	S																						
C1-Shallow-2.5	9/20	1037	S		X			X									X		X		X				1
C2-Shallow-5.5	9/20	1045	S																						1
C2-Shallow-8.5	9/20	1058	S																						1
C2-Shallow 11.5	9/20	1100	S																						1
C2-Shallow-14.0	9/20	1105	S																						1

PROJECT INFORMATION

PROJECT NAME: 5109970600D
PROJECT NUMBER: Shorenstein Parcel T9
P.O. #
TAT: (STANDARD 5-DAY) | 24 | 48 | 72 | OTHER

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS: 5
HEAD SPACE:
TEMPERATURE:
CONFORMS TO RECORD:

SPECIAL INSTRUCTIONS/COMMENTS:
Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report
Composite these 5 samples
ONLY analyse Composite Sample

RELINQUISHED BY 1.
(SIGNATURE) Craig Prunier (TIME) 845
(PRINTED NAME) Craig Prunier (DATE) 9/21
(COMPANY) URS GWC

RECEIVED BY 1.
(SIGNATURE) (TIME) 1335
(PRINTED NAME) R. Marcus 9-21-99 (DATE)
(COMPANY) Chromalab

RELINQUISHED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RECEIVED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RELINQUISHED BY 3
(SIGNATURE) (TIME) 1805
(PRINTED NAME) R. Marcus 9-21-99 (DATE)
(COMPANY) Chromalab

RECEIVED BY (LABORATORY) 3
(SIGNATURE) Denise Harrington (TIME)
(PRINTED NAME) D. Harrington 1805 (DATE)
(COMPANY) Chromalab 9/21/99

090347

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

Reference #: 48083

Chain of Custody

DATE 9/20 PAGE 3 OF 12

PROJ MGR Jay Clare
COMPANY URS Greiner Woodward Clyde
ADDRESS 500 12th St Suite 200
Oakland, CA 94607
SAMPLERS (SIGNATURE) (PHONE NO.)
(FAX NO.)

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☒ Gas w/☒ BTEX ☐MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) ☒Diesel ☒M.O. ☐ Other	PURGEABLE HALOCARBONS, (HVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)		☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☒ W.E.T. (STLC) for Lead ☒ TCLP for Lead	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)				NUMBER OF CONTAINERS
C2-Deep-15.0	9/20	1108	S		X			X									X		X					1
C2-Deep-16.0	9/20	1110	S																					1
C2-Deep-17.0	9/20	1115	S																					1
C2-Deep-18.0	9/20	1120	S																					1
C2-Deep-19.5	9/20	1130	S																					1

PROJECT INFORMATION

PROJECT NAME: Shorenstein Parcel T9
PROJECT NUMBER: 510996706000
P.O. #:

TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	5
HEAD SPACE	
TEMPERATURE	
CONFORMS TO RECORD	

SPECIAL INSTRUCTIONS/COMMENTS:
Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report
Composite these 5 samples
ONLY Analyse Composite Sample

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3
(SIGNATURE) 845 (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) 1805 (TIME)
Craig Prunier 9/21 (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	R Murray 9/21/99 (PRINTED NAME) (DATE)
URSGWC (COMPANY)	(COMPANY)	Chromalab (COMPANY)
RECEIVED BY	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3**
(SIGNATURE) 1735 (TIME)	(SIGNATURE) (TIME)	Denise Harrington (SIGNATURE) (TIME)
R Murray 9/21/99 (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	D. Harrington 1805 (PRINTED NAME) (DATE)
(COMPANY)	(COMPANY)	Chromalab 9/21/99

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

090347

Reference #: 48083

Chain of Custody

DATE 9/20 PAGE 4 OF 12

PROJ MGR Jay Clare
COMPANY URS Greiner WC
ADDRESS 500 12th St Suite 200
Oakland, CA, 94607
SAMPLERS (SIGNATURE) Craig Purvis
(PHONE NO.)
(FAX NO.)

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☒ Gas w/ ☒ BTEX ☐ MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 3015M) ☐ Diesel / ☒ M.O. ☐ Other	PURGEABLE HALOCARBONS, (EHVOC) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)		☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☒ W.E.T. (STLC) for Lead ☒ TCLP for Lead	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)				NUMBER OF CONTAINERS
C3-Shallow-2.5	9/20	1137	S		X			X										X		X						1
C3-Shallow-5.5	9/20	1145	S																							1
C3-Shallow-8.5	9/20	1155	S																							1
C3-Shallow-11.5	9/20	1200	S																							1
C3-Shallow-14.0	9/20	1205	S																							1

PROJECT INFORMATION

PROJECT NAME: Shorenstein Parcel TG
PROJECT NUMBER: 51099670600
P.O. #:
TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS: 5
HEAD SPACE:
TEMPERATURE:
CONFORMS TO RECORD:

SPECIAL INSTRUCTIONS/COMMENTS:
Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report
Composite these 5 samples
Only Analyze Composite Sample

RELINQUISHED BY	RECEIVED BY
1. Craig Purvis (SIGNATURE) 845 (TIME)	1. (SIGNATURE) 1135 (TIME)
Craig Purvis (PRINTED NAME) 9/21 (DATE)	B Marron (PRINTED NAME) 9/21-99 (DATE)
URS GWC (COMPANY)	(COMPANY)
2. (SIGNATURE) (TIME)	2. (SIGNATURE) (TIME)
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY)	(COMPANY)
3. (SIGNATURE) 1805 (TIME)	RECEIVED BY (LABORATORY) 3. Denise Harrington (SIGNATURE) (TIME)
B Marron 9/21-99 (PRINTED NAME) (DATE)	D. Harrington 1805 (PRINTED NAME)
Chromalab (COMPANY)	Chromalab 9/21/99 (DATE)

CHROMALAB, INC.

090347

Environmental Services (SUB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

Reference #: 48083

Chain of Custody

DATE 9/20 PAGE 5 OF 12

PROJ MGR: Jay Clark
COMPANY: URS Greiner Woodward Clyde
ADDRESS: 500 12th St Suite 200, Oakland CA 94607
SAMPLERS (SIGNATURE): Craig Pirnie
(PHONE NO.)
(FAX NO.)

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☒ Gas w/☒ BTEX ☐MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TPH (EPA 8015M) ☐Diesel ☒M.O. ☐ Other	PURGEABLE HALOCARBONS (EPVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B-F, E-F)		☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☒ W.E.T. (STLC) For Lead ☒ TCLP For Lead	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)				NUMBER OF CONTAINERS
C3-Deep-15.0	9/20	1210	S	☒	X			X										X		X					1
C3-Deep-16.0	9/20	1213	S	☒				X										X		X					1
C3-Deep-17.0	9/20	1216	S	☒														X		X					1
C3-Deep-18.0	9/20	1218	S	☒														X		X					1
C3-Deep 19.5	9/20	1220	S	☒														X		X					1

PROJECT INFORMATION

PROJECT NAME: Shorenstein Parcel T9
PROJECT NUMBER: 510 99676 0000
P.O. #:
TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	5
HEAD SPACE	
TEMPERATURE	
CONFORMS TO RECORD	

SPECIAL INSTRUCTIONS/COMMENTS:
Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report
Composite these 5 samples
ONLY analyse Composite Sample

RELINQUISHED BY 1.
(SIGNATURE) 845 (TIME)
Craig Pirnie 9/20 (DATE)
(PRINTED NAME)
URS GWC
(COMPANY)

RECEIVED BY 1.
(SIGNATURE) 1335 (TIME)
K Moroney 9/21-99 (DATE)
(PRINTED NAME)
Chromalab
(COMPANY)

RELINQUISHED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RECEIVED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RELINQUISHED BY 3.
(SIGNATURE) 1805 (TIME)
K Moroney 9-21-99 (DATE)
(PRINTED NAME)
Chromalab
(COMPANY)

RECEIVED BY (LABORATORY) 3.
Denise Harrington
(SIGNATURE) (TIME)
D. Harrington 1805
(PRINTED NAME) (DATE)
Chromalab 9/21/99

090547

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

Reference #: 48083

Chain of Custody

DATE 9/20 PAGE 6 OF 12

PROJ MGR: Jay Clare
COMPANY: URS Greiner Woodward Clyde
ADDRESS: 500 12th St Suite 200
Oakland, CA 94607
SAMPLER (SIGNATURE): Craig Prunier (PHONE NO.) (FAX NO.)

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☒ Gas w/ BTEX ☐MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TPH (EPA 8015M) ☒Diesel ☒M.O. ☐ Other	PURGEABLE HALOCARBONS (EVOC) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)		☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☒ W.E.T. (STLC) for Lead ☒ TCLP for Lead	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)				NUMBER OF CONTAINERS
C4-Shallow-2.5	9/20	1315	S		X			X										X		X						1
C4-Shallow-4.5	9/20	1320	S																							1
C4-Shallow-6.5	9/20	1325	S																							1
C4-Shallow-9.0	9/20	1330	S																							1
C4-Shallow-11.5	9/20	1338	S																							1

PROJECT INFORMATION

PROJECT NAME: Sorenstein Parcel T9
PROJECT NUMBER: 51099706000
P.O. #:

TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:
Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report
Composite these 5 samples
Only analyse composite Sample

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	5
HEAD SPACE	
TEMPERATURE	
CONFORMS TO RECORD	

RELINQUISHED BY 1.
(SIGNATURE) 845 (TIME)
Craig Prunier 9/21 (DATE)
(PRINTED NAME)
URS GWC
(COMPANY)

RECEIVED BY 1.
(SIGNATURE) 1335 (TIME)
B Moore 9-21-99 (DATE)
(PRINTED NAME)
Chromalab
(COMPANY)

RELINQUISHED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RECEIVED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RELINQUISHED BY 3.
(SIGNATURE) 1805 (TIME)
B Moore 9/21-99 (DATE)
(PRINTED NAME)
Chromalab
(COMPANY)

RECEIVED BY (LABORATORY) 3.
Denise Harrington
(SIGNATURE) (TIME)
D. Harrington 1805
(PRINTED NAME) (DATE)
Chromalab 9/21/99

090347

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

Reference #: 48083

Chain of Custody

DATE 9/20 PAGE 7 OF 12

PROJ MGR: Jay Clare
COMPANY: URS Greiner Woodward Clyde
ADDRESS: 500 12th St Suite 200, Oakland, CA 94607
SAMPLERS (SIGNATURE): Craig Pronie (PHONE NO.) (FAX NO.)

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☒ Gas w/ ☒ BTEX ☐MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 3015M) ☒ Diesel ☐ MO. ☐ Other	PURGEABLE HALOCARBONS (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8250)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B – F, E – F)	☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☒ W.E.T. (STLC) for Lead ☒ TCLP for Lead	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)	NUMBER OF CONTAINERS
C4-deep-14.0	9/20	1350	S		X			X													1
C4-deep-15.0	9/20	1355	S														X		X		1
C4-deep-16.0	9/20	1400	S																		1
C4-deep-17.0	9/20	1410	S																		1

PROJECT INFORMATION

PROJECT NAME: Shorenstein Parcel T9
PROJECT NUMBER: 51099-670000
P.O. #:

TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:
Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report
Composite these 4 samples
ONLY Analyse Composite Sample

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	4
HEAD SPACE	
TEMPERATURE	
CONFORMS TO RECORD	

RELINQUISHED BY 1.
(SIGNATURE) Craig Pronie (TIME) 845 ~~945~~
(PRINTED NAME) Craig Pronie (DATE) 9/21
(COMPANY) URS GWC

RECEIVED BY 1.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RELINQUISHED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RECEIVED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RELINQUISHED BY 3.
(SIGNATURE) (TIME) 1805
(PRINTED NAME) (DATE) 9/21/99
(COMPANY)

RECEIVED BY (LABORATORY) 3.
Denise Harrington
(SIGNATURE) (TIME)
D. Harrington 1805
(PRINTED NAME) (DATE)
Chromalab 9/21/99

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

990397

Reference #: 48083

Chain of Custody

DATE 9/20 PAGE 8 OF 12

PROJ MGR: Jay Clare
COMPANY: URS Greiner WC
ADDRESS: 500 12th St Suite 200
Oakland CA 94607
SAMPLERS (SIGNATURE): Craig Prunier
(PHONE NO.)
(FAX NO.)

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☒ Gas w/ ☒ BTEX ☐ MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TPH (EPA 3015M) ☒ Diesel ☐ M.O. ☐ Other	PURGEABLE HALOCARBONS, (EHVOC) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B - F, E - F)		☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☒ W.E.T. (STLC) for Lead ☒ TCLP for Lead	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H2O)				NUMBER OF CONTAINERS
C5-shallow-2.5	9/20	1445	S	Ø	X			X										X		X					1
C5-shallow-5.0		1300		Ø																					1
C5-Shallow-6.0		1305		Ø																					1
C5-Shallow-7.0		1310		Ø																					1
C5-Shallow-				Ø																					1

PROJECT INFORMATION

PROJECT NAME: Shorenstein Parcel T9
PROJECT NUMBER: 51 09967 06000
P.O. #:

TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:
Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report
Composite these 4 samples
Only Analyse Composite Sample

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	4
HEAD SPACE	
TEMPERATURE	
CONFORMS TO RECORD	

RELINQUISHED BY 1.
(SIGNATURE) Craig Prunier 845 (TIME)
(PRINTED NAME) Craig Prunier 9/21 (DATE)
(COMPANY) URS GWC

RECEIVED BY 1.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RELINQUISHED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RECEIVED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RELINQUISHED BY 3
(SIGNATURE) 1805 (TIME)
(PRINTED NAME) 9/20/99 (DATE)
(COMPANY)

RECEIVED BY (LABORATORY) 3
(SIGNATURE) Denise Harrington (TIME)
(PRINTED NAME) D. Harrington 1805 (DATE)
(COMPANY) Chromalab 9/21/99

090347

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

Reference #: 48083

Chain of Custody

DATE 9/20 PAGE 9 OF 12

PROJ MGR Jay Clare
COMPANY URSGWC
ADDRESS 500 12th St Suite 200
Oakland CA 94607
SAMPLERS (SIGNATURE) Craig Prunier (PHONE NO.) (FAX NO.)

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☒ Gas w/☒ BTEX ☐MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) ☒Diesel/☐MO_☐Other	PURGEABLE HALOCARBONS, (EDCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)		☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☒ W.E.T. (STLC) Tri-Lead ☒ TCLP for Lead	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)				NUMBER OF CONTAINERS
C6-Shallow-2.5	9/20	1555	S		X			X																	1
C6-Shallow-5.0	9/20	1600	S															X		X					1
C6-Shallow-7.5	9/20	1605	S																						1
C6-Shallow-9.5	9/20	1610	S																						1
C6-Shallow-12.0	9/20	1615	S																						1

PROJECT INFORMATION

PROJECT NAME: Shorenstein Parcel T4
PROJECT NUMBER: 510996706000
P.O. #:

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS: 5
HEAD SPACE:
TEMPERATURE:
CONFORMS TO RECORD:

TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:
Report: [] Routine [] Level 2 [] Level 3 [] Level 4 [] Electronic Report
Composite these 5 samples
Only Analyse Composite Sample

RELINQUISHED BY 1.
(SIGNATURE) Craig Prunier 615 (TIME)
(PRINTED NAME) Craig Prunier 9/21 (DATE)
(COMPANY) URSGWC

RECEIVED BY 1.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RELINQUISHED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RECEIVED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RELINQUISHED BY 3
(SIGNATURE) 1805 (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RECEIVED BY (LABORATORY) 3
(SIGNATURE) Denise Harrington (TIME)
(PRINTED NAME) D. Harrington 1805 (DATE)
Chromalab 9/21/99

090947

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

Reference #: 48083

Chain of Custody

DATE 9/20 PAGE 10 OF 12

PROJ. MGR: Jay Clare
COMPANY: URS GWL
ADDRESS: 500 12th St Suite 200
Oakland, CA 94607
SAMPLED (SIGNATURE): Craig Pruner
(PHONE NO.)
(FAX NO.)

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☒ Gas w/ ☒ BTEX ☐ MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TPH (EPA 3015M) ☒ Diesel ☐ M.O. ☐ Other	PURGEABLE HALOCARBONS (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8250)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B-F, E-F)		☐ PESTICIDES (EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☒ W.E.T. (STLC) for Lead ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)				NUMBER OF CONTAINERS
C7-shallow-3.0	9/20	1620	S	0	X			X									X		X						1
C7-shallow-6.0	↓	1625	S	0																					1
C7-shallow-9.0		1630	S	0																					1
C7-shallow-12.0		1635	S	0																					1
C7-Shallow-15.0	↓	1640	S	0																					1
																									5

PROJECT INFORMATION

PROJECT NAME: Shorenstein Parcel T9
PROJECT NUMBER: 510996706000
P.O. #:
TAT: (STANDARD) 5-DAY | 24 | 48 | 72 | OTHER

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS: 5
HEAD SPACE:
TEMPERATURE:
CONFORMS TO RECORD:

SPECIAL INSTRUCTIONS/COMMENTS:
Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report
Composite these 5 samples
Only Analyse Composite

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
(SIGNATURE) Craig Pruner 845 (TIME) 9/21 (DATE)	(SIGNATURE) (TIME)	(SIGNATURE) 1805 (TIME)
(PRINTED NAME) Craig Pruner (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) R. Mann 9-21-99 (DATE)
(COMPANY) URS GWL	(COMPANY)	(COMPANY) Chromalab
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3.**
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) Denise Harrington (TIME)
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) D. Harrington 1805 (DATE)
(COMPANY)	(COMPANY)	(COMPANY) Chromalab 9/21/99

90347

CHROMALAB, INC.

Environmental Services (SUB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

Reference #: 48083

Chain of Custody

DATE _____ PAGE 11 OF 12

PROJ. MGR. Jay Clare
COMPANY URS Corp WC
ADDRESS 500 12th St Suite 200
Oakland, CA 94607
SAMPLERS (SIGNATURE) _____ (PHONE NO.) _____ (FAX NO.) _____

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) X Gas w/ X BTEX MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 3015M) X Diesel X M.O. Other	PURGEABLE HALOCARBONS, (HVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8250)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B - F, E - F)		☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	S.W.E.T. (STLC) for Lead & TCLP for Lead	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)				NUMBER OF CONTAINERS
C8-Shallow-2.5	9/20	1650	S		X			X										X		X						1
C8-Shallow-4.5	9/20	1700	S																							1
C8-Shallow-6.0	9/20	1705	S																							1
C8-Shallow-8.0	9/20	1715	S																							1

PROJECT INFORMATION

PROJECT NAME: Shorenstein Parcel T9
PROJECT NUMBER: 51099670000
P.O. #

TAT: STANDARD 5 DAY | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:
Report: Routine Level 2 Level 3 Level 4 Electronic Report
Composite these 4 samples
Only Analyze Composite Sample

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS: 4
HEAD SPACE:
TEMPERATURE:
CONDITIONS TO RECEIVE:

	1.	2.	3.
RELINQUISHED BY (SIGNATURE)	Craig Prunier		R Moon
(TIME)	845		1805
(PRINTED NAME)	Craig Prunier		R Moon
(DATE)	9/21		9.24.99
(COMPANY)	URS Corp WC		Chromalab
RECEIVED BY (SIGNATURE)			Denise Harrington
(TIME)			1805
(PRINTED NAME)			D. Harrington
(DATE)			9/21/99
(COMPANY)			Chromalab

090397

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

Reference #: 48083

Chain of Custody

DATE 9/20 PAGE 12 OF 12

PROJ. MGR. Jay Clare
COMPANY URSGWC
ADDRESS 500 12th St Suite 200
Oakland, CA 94607
SAMPLERS (SIGNATURE) (PHONE NO.)
(FAX NO.)

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☐ Gas w/ ☐ BTEX ☐MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TPH (EPA 3015M) ☐ Diesel ☐ M.O. ☐ Other	PURGEABLE HALOCARBONS (EPHCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B + F, E + F)		☐ PESTICIDES (EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☐ W.E.T. (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)				NUMBER OF CONTAINERS
C1-Deep-12.5	9/20	937	S	0		Don't Analyze or Add to Composite Sample																				
C1-Deep-13.5	9/20	946	S	0																						
C1-Deep-14.5	9/20	952	S																							1
C1-Deep-16.0	9/20	959	S																							1
C1-Deep-17.5	9/20	1004	S																							1
C1-Deep-19.5	9/20	1015	S																							1
																										1

PROJECT INFORMATION

PROJECT NAME: Shorenstein Parcel TG
PROJECT NUMBER: 21059.706000
P.O. #

TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:
Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report
Composite the 5 Samples
Only Analyse Composite Sample. Discard C1-deep-12.5

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	5
HEAD SPACE	
TEMPERATURE	
CONFORMS TO RECORD	

RELINQUISHED BY 1: (SIGNATURE) (TIME) 845; Cray Prunier (PRINTED NAME) (DATE) 9/20; URSGWC (COMPANY)

RECEIVED BY 1: (SIGNATURE) (TIME); (PRINTED NAME) (DATE); (COMPANY)

RELINQUISHED BY 2.: (SIGNATURE) (TIME); (PRINTED NAME) (DATE); (COMPANY)

RECEIVED BY 2.: (SIGNATURE) (TIME); (PRINTED NAME) (DATE); (COMPANY)

RELINQUISHED BY 3: (SIGNATURE) 1805; (PRINTED NAME) (DATE) 9-21-95; (COMPANY)

RECEIVED BY (LABORATORY) 3: Denise Harrington (SIGNATURE) (TIME); D. Harrington 1805 (PRINTED NAME) (DATE); Chromalab 9/21/95 (COMPANY)

URS Greiner Woodward Clyde- Oakland
500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn.: Mr. Jay Clare

Dear Jay,

Attached is our report for your samples received on Friday September 24, 1999. This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after October 24, 1999 unless you have requested otherwise. We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

Sincerely,

Afsaneh Salimpour

Total Extractable Petroleum Hydrocarbons (TEPH)

URS Greiner Woodward Clyde- Oakland

500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn: Jay Clare

Phone: (510) 874-3027 Fax: (510) 874-3268

Project #: 510996706000

Project:

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
C5 Composite	Soil	09/23/1999	1
C6 Composite	Soil	09/23/1999	2

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C5 Composite**	Lab Sample ID:	**1999-09-0422-001**
Project:	510996706000	Received:	09/24/1999 17:40
		Extracted:	09/30/1999 09:00
Sampled:	09/23/1999	QC-Batch:	1999/09/30-02.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	10/01/1999 23:11	
Motor Oil	ND	50	mg/Kg	1.00	10/01/1999 23:11	
Surrogate(s)						
o-Terphenyl	91.6	60-130	%	1.00	10/01/1999 23:11	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0422

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8015M

Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**C6 Composite**	Lab Sample ID:	**1999-09-0422-002**
Project:	510996706000	Received:	09/24/1999 17:40
		Extracted:	09/30/1999 09:00
Sampled:	09/23/1999	QC-Batch:	1999/09/30-02.10
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	10/01/1999 23:55	
Motor Oil	ND	50	mg/Kg	1.00	10/01/1999 23:55	
Surrogate(s)						
o-Terphenyl	94.4	60-130	%	1.00	10/01/1999 23:55	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8015M
Prep Method: 3550/8015M

Batch QC Report
Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank | **Soil** | **QC Batch # 1999/09/30-02.10**

MB: 1999/09/30-02.10-001 | Date Extracted: 09/30/1999 09:00

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	1	mg/Kg	10/04/1999 10:36	
Motor Oil	ND	50	mg/Kg	10/04/1999 10:36	
Surrogate(s)					
o-Terphenyl	104.5	60-130	%	10/04/1999 10:36	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0422

To: **URS Greiner Woodward Clyde- Oakland**

Attn: Jay Clare

Test Method: 8015M

Prep Method: 3550/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/30-02.10**

LCS: 1999/09/30-02.10-002 Extracted: 09/30/1999 09:00 Analyzed: 10/01/1999 12:14

LCSD: 1999/09/30-02.10-003 Extracted: 09/30/1999 09:00 Analyzed: 10/01/1999 12:58

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Diesel	32.4	28.3	41.7	41.7	77.7	67.9	13.5	60-130	25		
Surrogate(s)											
o-Terphenyl	20.5	19.6	20.0	20.0	102.5	98.0		60-130			

TCLP Lead

URS Greiner Woodward Clyde- Oakland

500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn: Jay Clare

Phone: (510) 874-3027 Fax: (510) 874-3268

Project #: 510996706000

Project:

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
C5 Composite	Soil	09/23/1999	1
C6 Composite	Soil	09/23/1999	2

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3010A

TCLP Lead

Sample ID:	**C5 Composite**	Lab Sample ID:	**1999-09-0422-001**
Project:	510996706000	Received:	09/24/1999 17:40
		Extracted:	09/30/1999 08:00
Sampled:	09/23/1999	QC-Batch:	1999/09/30-01.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/30/1999 10:05	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3010A

TCLP Lead

Sample ID:	**C6 Composite**	Lab Sample ID:	**1999-09-0422-002**
Project:	510996706000	Received:	09/24/1999 17:40
		Extracted:	09/30/1999 08:00
Sampled:	09/23/1999	QC-Batch:	1999/09/30-01.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/30/1999 10:09	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3010A

Batch QC Report
TCLP Lead

Method Blank | **Soil** | **QC Batch # 1999/09/30-01.15**

MB: 1999/09/30-01.15-014

Date Extracted: 09/30/1999 08:00

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Lead	ND	0.50	mg/L	09/30/1999 09:53	

To: **URS Greiner Woodward Clyde- Oakland**
Attn: Jay Clare

Test Method: 6010B
Prep Method: 3010A

Batch QC Report

TCLP Lead

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/30-01.15**

LCS: 1999/09/30-01.15-015 Extracted: 09/30/1999 08:00 Analyzed: 09/30/1999 09:58
LCSD: 1999/09/30-01.15-016 Extracted: 09/30/1999 08:00 Analyzed: 09/30/1999 10:02

Compound	Conc. [mg/L]		Exp.Conc. [mg/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Lead	4.88	4.85	5.00	5.00	97.6	97.0	0.6	80-120	20		

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0422

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B

Prep Method: 3010A

Batch QC Report

TCLP Lead

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/09/30-01.15**

Sample ID: **SCI-1@4** Lab Sample ID: 1999-09-0469-001

MS: 1999/09/30-01.15-027 Extracted: 09/30/1999 08:00 Analyzed: 09/30/1999 10:51 Dilution: 1.0

MSD: 1999/09/30-01.15-028 Extracted: 09/30/1999 08:00 Analyzed: 09/30/1999 10:55 Dilution: 1.0

Compound	Conc [mg/L]			Exp.Conc. [mg/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Lead	8.20	8.34	3.56	5.00	5.00	92.8	95.6	3.0	75-125	20		

CHROMALAB, INC.
Environmental Services (SDB)

Submission #: 1999-09-0422

CAM W.E.T. (STLC) Lead

URS Greiner Woodward Clyde- Oakland
500 12th Street, Suite 200
Oakland, CA 94607-4014
Attn: Jay Clare
Phone: (510) 874-3027 Fax: (510) 874-3268
Project #: 510996706000
Project:

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
C5 Composite	Soil	09/23/1999	1
C6 Composite	Soil	09/23/1999	2

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C5 Composite**	Lab Sample ID:	**1999-09-0422-001**
Project:	510996706000	Received:	09/24/1999 17:40
		Extracted:	09/30/1999 17:47
Sampled:	09/23/1999	QC-Batch:	1999/09/30-01.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/30/1999 19:59	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

CAM W.E.T. (STLC) Lead

Sample ID:	**C6 Composite**	Lab Sample ID:	**1999-09-0422-002**
Project:	510996706000	Received:	09/24/1999 17:40
		Extracted:	09/30/1999 17:47
Sampled:	09/23/1999	QC-Batch:	1999/09/30-01.17
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	ND	1.0	mg/L	1.00	09/30/1999 20:10	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 6010B
Prep Method: 3005A

Batch QC Report
CAM W.E.T. (STLC) Lead

Method Blank | **Soil** | **QC Batch # 1999/09/30-01.17**

MB: 1999/09/30-01.17-017 | Date Extracted: 09/30/1999 17:47

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Lead	ND	0.50	mg/L	09/30/1999 19:38	

To: **URS Greiner Woodward Clyde- Oakland**
Attn: Jay Clare

Test Method: 6010B
Prep Method: 3005A

Batch QC Report

CAM W.E.T. (STLC) Lead

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/30-01.17**

LCS: 1999/09/30-01.17-020 Extracted: 09/30/1999 17:47 Analyzed: 09/30/1999 19:51
LCSD: 1999/09/30-01.17-021 Extracted: 09/30/1999 17:47 Analyzed: 09/30/1999 19:55

Compound	Conc. [mg/L]		Exp.Conc. [mg/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Lead	50.4	50.2	50.0	50.0	100.8	100.4	0.4	80-120	20		

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B

Prep Method: 3005A

Batch QC Report

CAM W.E.T. (STLC) Lead

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/09/30-01.17**

Sample ID: **C5 Composite** Lab Sample ID: 1999-09-0422-001

MS: 1999/09/30-01.17-023 Extracted: 09/30/1999 17:47 Analyzed: 09/30/1999 20:03 Dilution: 1.0

MSD: 1999/09/30-01.17-024 Extracted: 09/30/1999 17:47 Analyzed: 09/30/1999 20:07 Dilution: 1.0

Compound	Conc [mg/L]			Exp.Conc. [mg/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Lead	50.0	50.8	ND	50.0	50.0	100.0	101.6	1.6	75-125	20		

CAM 17 Metals

URS Greiner Woodward Clyde- Oakland

500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn: Jay Clare

Phone: (510) 874-3027 Fax: (510) 874-3268

Project #: 510996706000 Project:

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
C5 Composite	Soil	09/23/1999	1
C6 Composite	Soil	09/23/1999	2

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C5 Composite**	Lab Sample ID:	**1999-09-0422-001**
Project:	510996706000	Received:	09/24/1999 17:40
		Extracted:	09/28/1999 08:23
Sampled:	09/23/1999	QC-Batch:	1999/09/28-04.15
Matrix:	Soil		

Sample/Analysis Flag: . (See Legend & Note section)

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/28/1999 14:41	
Arsenic	ND	1.0	mg/Kg	1.00	09/28/1999 14:41	
Barium	26	1.0	mg/Kg	1.00	09/28/1999 14:41	
Beryllium	ND	0.50	mg/Kg	1.00	09/28/1999 14:41	
Cadmium	ND	0.50	mg/Kg	1.00	09/28/1999 14:41	
Chromium	35	1.0	mg/Kg	1.00	09/28/1999 14:41	
Cobalt	4.4	1.0	mg/Kg	1.00	09/28/1999 14:41	
Copper	6.7	1.0	mg/Kg	1.00	09/28/1999 14:41	
Lead	1.5	1.0	mg/Kg	1.00	09/28/1999 14:41	
Molybdenum	ND	1.0	mg/Kg	1.00	09/28/1999 14:41	
Nickel	29	1.0	mg/Kg	1.00	09/28/1999 14:41	
Selenium	ND	2.0	mg/Kg	1.00	09/28/1999 14:41	
Silver	ND	1.0	mg/Kg	1.00	09/28/1999 14:41	
Thallium	ND	1.0	mg/Kg	1.00	09/28/1999 14:41	
Vanadium	19	1.0	mg/Kg	1.00	09/28/1999 14:41	
Zinc	17	1.0	mg/Kg	1.00	09/28/1999 14:41	
Mercury	ND	0.050	mg/Kg	1.00	09/29/1999 12:17	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID:	**C6 Composite**	Lab Sample ID:	**1999-09-0422-002**
Project:	510996706000	Received:	09/24/1999 17:40
		Extracted:	09/28/1999 08:23
Sampled:	09/23/1999	QC-Batch:	1999/09/28-04.15
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	09/28/1999 14:44	
Arsenic	1.0	1.0	mg/Kg	1.00	09/28/1999 14:44	
Barium	27	1.0	mg/Kg	1.00	09/28/1999 14:44	
Beryllium	ND	0.50	mg/Kg	1.00	09/28/1999 14:44	
Cadmium	ND	0.50	mg/Kg	1.00	09/28/1999 14:44	
Chromium	39	1.0	mg/Kg	1.00	09/28/1999 14:44	
Cobalt	4.6	1.0	mg/Kg	1.00	09/28/1999 14:44	
Copper	16	1.0	mg/Kg	1.00	09/28/1999 14:44	
Lead	1.4	1.0	mg/Kg	1.00	09/28/1999 14:44	
Molybdenum	ND	1.0	mg/Kg	1.00	09/28/1999 14:44	
Nickel	30	1.0	mg/Kg	1.00	09/28/1999 14:44	
Selenium	ND	2.0	mg/Kg	1.00	09/28/1999 14:44	
Silver	ND	1.0	mg/Kg	1.00	09/28/1999 14:44	
Thallium	ND	1.0	mg/Kg	1.00	09/28/1999 14:44	
Vanadium	22	1.0	mg/Kg	1.00	09/28/1999 14:44	
Zinc	22	1.0	mg/Kg	1.00	09/28/1999 14:44	
Mercury	ND	0.050	mg/Kg	1.00	09/29/1999 12:18	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

Batch QC Report
CAM 17 Metals

Method Blank | **Soil** | **QC Batch # 1999/09/28-04.15**

MB: 1999/09/28-04.15-069

Date Extracted: 09/28/1999 08:23

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	09/28/1999 14:03	
Arsenic	ND	1.0	mg/Kg	09/28/1999 14:03	
Barium	ND	1.0	mg/Kg	09/28/1999 14:03	
Beryllium	ND	0.50	mg/Kg	09/28/1999 14:03	
Cadmium	ND	0.50	mg/Kg	09/28/1999 14:03	
Chromium	ND	1.0	mg/Kg	09/28/1999 14:03	
Cobalt	ND	1.0	mg/Kg	09/28/1999 14:03	
Copper	ND	1.0	mg/Kg	09/28/1999 14:03	
Lead	ND	1.0	mg/Kg	09/28/1999 14:03	
Molybdenum	ND	1.0	mg/Kg	09/28/1999 14:03	
Nickel	ND	1.0	mg/Kg	09/28/1999 14:03	
Selenium	ND	2.0	mg/Kg	09/28/1999 14:03	
Silver	ND	1.0	mg/Kg	09/28/1999 14:03	
Thallium	ND	1.0	mg/Kg	09/28/1999 14:03	
Vanadium	ND	1.0	mg/Kg	09/28/1999 14:03	
Zinc	ND	1.0	mg/Kg	09/28/1999 14:03	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

Batch QC Report
CAM 17 Metals

Method Blank | **Soil** | **QC Batch # 1999/09/28-03.16**

MB: 1999/09/28-03.16-022

Date Extracted: 09/28/1999 11:17

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	09/29/1999 12:10	

To: **URS Greiner Woodward Clyde- Oakland**

Attn: Jay Clare

Test Method: 7471A, 6010B

Prep Method: 3050B, 7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/28-04.15**

LCS: 1999/09/28-04.15-070 Extracted: 09/28/1999 08:23 Analyzed: 09/28/1999 14:07

LCSD: 1999/09/28-04.15-071 Extracted: 09/28/1999 08:23 Analyzed: 09/28/1999 14:12

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Antimony	95.9	95.5	100.0	100.0	95.9	95.5	0.4	80-120	20		
Arsenic	97.6	97.6	100.0	100.0	97.6	97.6	0.0	80-120	20		
Barium	95.4	96.3	100.0	100.0	95.4	96.3	0.9	80-120	20		
Beryllium	95.6	95.0	100.0	100.0	95.6	95.0	0.6	80-120	20		
Cadmium	94.7	95.7	100.0	100.0	94.7	95.7	1.1	80-120	20		
Chromium	93.7	94.7	100.0	100.0	93.7	94.7	1.1	80-120	20		
Cobalt	95.0	96.0	100.0	100.0	95.0	96.0	1.0	80-120	20		
Copper	97.3	98.6	100.0	100.0	97.3	98.6	1.3	80-120	20		
Lead	94.3	94.1	100.0	100.0	94.3	94.1	0.2	80-120	20		
Molybdenum	95.2	95.5	100.0	100.0	95.2	95.5	0.3	80-120	20		
Nickel	94.7	95.7	100.0	100.0	94.7	95.7	1.1	80-120	20		
Selenium	94.6	94.5	100.0	100.0	94.6	94.5	0.1	80-120	20		
Silver	95.1	96.2	100.0	100.0	95.1	96.2	1.2	80-120	20		
Thallium	95.0	95.1	100.0	100.0	95.0	95.1	0.1	80-120	20		
Vanadium	95.3	96.3	100.0	100.0	95.3	96.3	1.0	80-120	20		
Zinc	95.5	96.4	100.0	100.0	95.5	96.4	0.9	80-120	20		

To: **URS Greiner Woodward Clyde- Oakland**

Attn: Jay Clare

Test Method: 7471A
6010B

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/28-03.16**

LCS: 1999/09/28-03.16-023 Extracted: 09/28/1999 11:17 Analyzed: 09/29/1999 12:11

LCSD: 1999/09/28-03.16-024 Extracted: 09/28/1999 11:17 Analyzed: 09/29/1999 12:12

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Mercury	0.556	0.546	0.500	0.500	111.2	109.2	1.8	85-115	20		

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 7471A
6010B

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/09/28-04.15**

Sample ID: **06700** Lab Sample ID: 1999-09-0432-010

MS: 1999/09/28-04.15-088 Extracted: 09/28/1999 08:23 Analyzed: 09/28/1999 15:25 Dilution: 1.0

MSD: 1999/09/28-04.15-089 Extracted: 09/28/1999 08:23 Analyzed: 09/28/1999 15:29 Dilution: 1.0

Compound	Conc [mg/Kg]			Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Antimony	54.5	55.6	ND	100.0	100.0	54.5	55.6	2.0	75-125	20	mso	mso
Arsenic	83.1	84.0	9.31	100.0	100.0	73.8	74.7	1.2	75-125	20	mso	mso
Barium	191	195	109	100.0	100.0	82.0	86.0	4.8	75-125	20		
Beryllium	72.9	74.8	ND	100.0	100.0	72.9	74.8	2.6	75-125	20	mso	mso
Cadmium	69.7	71.8	ND	100.0	100.0	69.7	71.8	3.0	75-125	20	mso	mso
Chromium	119	123	43.9	100.0	100.0	75.1	79.1	5.2	75-125	20		
Cobalt	80.6	81.4	8.70	100.0	100.0	71.9	72.7	1.1	75-125	20	mso	mso
Copper	111	113	29.0	100.0	100.0	82.0	84.0	2.4	75-125	20		
Lead	102	103	29.4	100.0	100.0	72.6	73.6	1.4	75-125	20	mso	mso
Molybdenum	68.0	69.3	ND	100.0	100.0	68.0	69.3	1.9	75-125	20	mso	mso
Nickel	118	121	42.4	100.0	100.0	75.6	78.6	3.9	75-125	20		
Selenium	67.2	68.8	ND	100.0	100.0	67.2	68.8	2.4	75-125	20	mso	mso
Silver	75.5	78.0	ND	100.0	100.0	75.5	78.0	3.3	75-125	20		
Thallium	66.8	68.1	ND	100.0	100.0	66.8	68.1	1.9	75-125	20	mso	mso
Vanadium	119	122	41.8	100.0	100.0	77.2	80.2	3.8	75-125	20		
Zinc	102	105	28.5	100.0	100.0	73.5	76.5	4.0	75-125	20	mso	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 7471A
6010B

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/09/28-03.16**

Sample ID: **06700** Lab Sample ID: 1999-09-0432-010

MS: 1999/09/28-03.16-039 Extracted: 09/28/1999 11:17 Analyzed: 09/29/1999 12:30 Dilution: 1.0

MSD: 1999/09/28-03.16-040 Extracted: 09/28/1999 11:17 Analyzed: 09/29/1999 12:32 Dilution: 1.0

Compound	Conc [mg/Kg]			Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Mercury	0.661	0.682	0.0715	0.500	0.500	117.9	122.1	3.5	85-115	20	mso	mso

To: **URS Greiner Woodward Clyde- Oakland**

Attn:Jay Clare

Test Method: 6010B
7471A

Prep Method: 3050B
7471A

Legend & Notes

CAM 17 Metals

QC Compound Flags

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0422

Gas/BTEX

URS Greiner Woodward Clyde- Oakland

500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn: Jay Clare

Phone: (510) 874-3027 Fax: (510) 874-3268

Project #: 510996706000

Project:

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
C5 Composite	Soil	09/23/1999	1
C6 Composite	Soil	09/23/1999	2

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0422

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID:	**C5 Composite**	Lab Sample ID:	**1999-09-0422-001**
Project:	510996706000	Received:	09/24/1999 17:40
		Extracted:	09/29/1999 16:20
Sampled:	09/23/1999	QC-Batch:	1999/09/29-01.04
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/29/1999 16:20	
Benzene	ND	0.0050	mg/Kg	1.00	09/29/1999 16:20	
Toluene	ND	0.0050	mg/Kg	1.00	09/29/1999 16:20	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/29/1999 16:20	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/29/1999 16:20	
Surrogate(s)						
Trifluorotoluene	97.0	53-125	%	1.00	09/29/1999 16:20	
4-Bromofluorobenzene-FID	77.9	58-124	%	1.00	09/29/1999 16:20	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0422

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX

Sample ID:	**C6 Composite**	Lab Sample ID:	**1999-09-0422-002**
Project:	510996706000	Received:	09/24/1999 17:40
		Extracted:	09/29/1999 18:05
Sampled:	09/23/1999	QC-Batch:	1999/09/29-01.04
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	09/29/1999 18:05	
Benzene	ND	0.0050	mg/Kg	1.00	09/29/1999 18:05	
Toluene	ND	0.0050	mg/Kg	1.00	09/29/1999 18:05	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/29/1999 18:05	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/29/1999 18:05	
Surrogate(s)						
Trifluorotoluene	81.7	53-125	%	1.00	09/29/1999 18:05	
4-Bromofluorobenzene-FID	69.7	58-124	%	1.00	09/29/1999 18:05	

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report
Gas/BTEX

Method Blank | **Soil** | **QC Batch # 1999/09/29-01.04**

MB: 1999/09/29-01.04-001

Date Extracted: 09/29/1999 05:56

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	09/29/1999 05:56	
Benzene	ND	0.0050	mg/Kg	09/29/1999 05:56	
Toluene	ND	0.0050	mg/Kg	09/29/1999 05:56	
Ethyl benzene	ND	0.0050	mg/Kg	09/29/1999 05:56	
Xylene(s)	ND	0.0050	mg/Kg	09/29/1999 05:56	
Surrogate(s)					
Trifluorotoluene	99.2	53-125	%	09/29/1999 05:56	
4-Bromofluorobenzene-FID	85.0	58-124	%	09/29/1999 05:56	

To: **URS Greiner Woodward Clyde- Oakland**

Attn: Jay Clare

Test Method: 8015M
8020

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/09/29-01.04**

LCS: 1999/09/29-01.04-002 Extracted: 09/29/1999 06:23 Analyzed: 09/29/1999 06:23

LCSD: 1999/09/29-01.04-003 Extracted: 09/29/1999 08:47 Analyzed: 09/29/1999 08:47

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Gasoline	0.486	0.484	0.500	0.500	97.2	96.8	0.4	75-125	35		
Benzene	0.0844	0.0813	0.1000	0.1000	84.4	81.3	3.7	77-123	35		
Toluene	0.0858	0.0834	0.1000	0.1000	85.8	83.4	2.8	78-122	35		
Ethyl benzene	0.0852	0.0835	0.1000	0.1000	85.2	83.5	2.0	70-130	35		
Xylene(s)	0.255	0.250	0.300	0.300	85.0	83.3	2.0	75-125	35		
Surrogate(s)											
Trifluorotoluene	452	457	500	500	90.4	91.4		53-125			
4-Bromofluorobenzene-FI	451	476	500	500	90.2	95.2		58-124			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-09-0422

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report

Gas/BTEX

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/09/29-01.04**

Sample ID: **GS @ 15.5`**

Lab Sample ID: 1999-09-0461-001

MS: 1999/09/29-01.04-004 Extracted: 09/29/1999 13:00 Analyzed: 09/29/1999 13:00 Dilution: 1.0

MSD: 1999/09/29-01.04-005 Extracted: 09/29/1999 13:28 Analyzed: 09/29/1999 13:28 Dilution: 1.0

Compound	Conc [mg/Kg]			Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Gasoline	0.405	0.368	ND	0.459	0.485	88.2	75.9	15.0	65-135	35		
Benzene	0.0700	0.0668	ND	0.0917	0.0971	76.3	68.8	10.3	65-135	35		
Toluene	0.0710	0.0687	ND	0.0917	0.0971	77.4	70.8	8.9	65-135	35		
Ethyl benzene	0.0713	0.0689	ND	0.0917	0.0971	77.8	71.0	9.1	65-135	35		
Xylene(s)	0.211	0.206	ND	0.275	0.291	76.7	70.8	8.0	65-135	35		
Surrogate(s)												
Trifluorotoluene	428	370		500	500	85.6	74.0		53-125			
4-Bromofluorobenzene-	370	343		500	500	74.0	68.6		58-124			

99-09-0422 48168

URS Greiner Woodward Clyde
Jay Clare 500 12th Street, Suite 200, Oakland, CA 94607-4014
510.893.3600

Chain of Custody Record

and M.Q

PROJECT NO: 51099706000

SAMPLERS: (Signature)

DATE	TIME	SAMPLE NUMBER	Sample Matrix (Soil, (W)ater, (A)ir	ANALYSES: EPA Method	EPA Method	EPA Method	EPA Method	TPH (EPA 8015M) & BTEX	TEPH (8015M) Diesel	CAM17 Metals	STLC for Lead	TCLP for Lead				Number of Containers	REMARKS (Sample preservation, handling procedures, etc.)
9/23	1430	C5-Deep-10.0	S					X	X	X	X	X				1	Composite all C5 samples. ONLY Analyse Composite Sample
	1435	C5-Deep-10.5	S													1	
	1440	C5-Deep-11.0	S													1	
	1442	C5-Deep-11.5	S													1	
	1445	C5-Deep-12.0	S													1	
	1450	C5-Deep-12.5	S													1	
	1510	C6-Deep-14.0						X	X	X	X	X				1	Composite all C6 samples ONLY Analyse Composite Sample
	1512	C6-Deep-14.5														1	
	1515	C6-Deep-15.0														1	
	1517	C6-Deep-15.5														1	
	1520	C6-Deep-16.0														1	
	1525	C6-Deep-16.5														1	

Send results to Jay Clare @ URS

4.7°C

TOTAL NUMBER OF CONTAINERS: 12

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
	9/24/99 0830	1110		9/24/99 1740	Denise Harrington

METHOD OF SHIPMENT	SHIPPED BY: (Signature)	COURIER: (Signature)	RECEIVED FOR LAB BY (Signature)	DATE/TIME
Courier				

URS Greiner Woodward Clyde- Oakland
500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn.: Mr. Jay Clare

Dear Jay,

Attached is our report for your samples received on Wednesday October 6, 1999. This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after November 5, 1999 unless you have requested otherwise. We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

Sincerely,

Afsaneh Salimpour

CHROMALAB, INC.
Environmental Services (SDB)

Submission #: 1999-10-0098

Semi-volatile Organic Compounds

URS Greiner Woodward Clyde- Oakland

500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn: Jay Clare

Phone: (510) 874-3027 Fax: (510) 874-3268

Project #:

Project:

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
C5 Comp	Soil	09/23/1999	1
C6 Comp	Soil	09/23/1999	2

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds

Sample ID: **C5 Comp**
Project:
Sampled: 09/23/1999
Matrix: Soil

Lab Sample ID: **1999-10-0098-001**
Received: 09/24/1999 17:40
Extracted: 10/06/1999 13:20
QC-Batch: 1999/10/06-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/09/1999 02:17	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/09/1999 02:17	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Hexachloroethane	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Isophorone	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Naphthalene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/09/1999 02:17	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/09/1999 02:17	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/09/1999 02:17	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/09/1999 02:17	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/09/1999 02:17	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/09/1999 02:17	
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds

Sample ID: **C5 Comp**
Project:

Sampled: 09/23/1999
Matrix: Soil

Lab Sample ID: **1999-10-0098-001**
Received: 09/24/1999 17:40
Extracted: 10/06/1999 13:20
QC-Batch: 1999/10/06-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/09/1999 02:17	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/09/1999 02:17	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Fluorene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/09/1999 02:17	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/09/1999 02:17	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/09/1999 02:17	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Anthracene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/09/1999 02:17	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Pyrene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/09/1999 02:17	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/09/1999 02:17	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/09/1999 02:17	
Chrysene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/09/1999 02:17	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/09/1999 02:17	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/09/1999 02:17	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/09/1999 02:17	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/09/1999 02:17	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/09/1999 02:17	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/09/1999 02:17	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/09/1999 02:17	
Surrogate(s)						
Nitrobenzene-d5	38.2	23-120	%	1.00	10/09/1999 02:17	
2-Fluorobiphenyl	51.2	30-115	%	1.00	10/09/1999 02:17	
p-Terphenyl-d14	100.3	18-137	%	1.00	10/09/1999 02:17	
Phenol-d5	50.3	24-113	%	1.00	10/09/1999 02:17	
2-Fluorophenol	38.0	25-121	%	1.00	10/09/1999 02:17	
2,4,6-Tribromophenol	75.4	19-122	%	1.00	10/09/1999 02:17	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds

Sample ID: **C6 Comp**
Project:

Sampled: 09/23/1999
Matrix: Soil

Lab Sample ID: **1999-10-0098-002**
Received: 09/24/1999 17:40
Extracted: 10/06/1999 13:20
QC-Batch: 1999/10/06-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/09/1999 03:00	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/09/1999 03:00	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Hexachloroethane	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Isophorone	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Naphthalene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/09/1999 03:00	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/09/1999 03:00	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/09/1999 03:00	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/09/1999 03:00	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/09/1999 03:00	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/09/1999 03:00	
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds

Sample ID:	**C6 Comp**	Lab Sample ID:	**1999-10-0098-002**
Project:		Received:	09/24/1999 17:40
		Extracted:	10/06/1999 13:20
Sampled:	09/23/1999	QC-Batch:	1999/10/06-02.11
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/09/1999 03:00	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/09/1999 03:00	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Fluorene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/09/1999 03:00	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/09/1999 03:00	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/09/1999 03:00	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Anthracene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/09/1999 03:00	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Pyrene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/09/1999 03:00	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/09/1999 03:00	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/09/1999 03:00	
Chrysene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/09/1999 03:00	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/09/1999 03:00	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/09/1999 03:00	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/09/1999 03:00	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/09/1999 03:00	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/09/1999 03:00	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/09/1999 03:00	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/09/1999 03:00	
Surrogate(s)						
Nitrobenzene-d5	55.6	23-120	%	1.00	10/09/1999 03:00	
2-Fluorobiphenyl	64.2	30-115	%	1.00	10/09/1999 03:00	
p-Terphenyl-d14	92.8	18-137	%	1.00	10/09/1999 03:00	
Phenol-d5	56.9	24-113	%	1.00	10/09/1999 03:00	
2-Fluorophenol	50.6	25-121	%	1.00	10/09/1999 03:00	
2,4,6-Tribromophenol	73.3	19-122	%	1.00	10/09/1999 03:00	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8270A
Prep Method: 3550/8270A

Batch QC Report
Semi-volatile Organic Compounds

Method Blank | **Soil** | **QC Batch # 1999/10/06-02.11**

MB: 1999/10/06-02.11-001 | Date Extracted: 10/06/1999

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	10/06/1999 22:41	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	10/06/1999 22:41	
2-Chlorophenol	ND	0.10	mg/Kg	10/06/1999 22:41	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	10/06/1999 22:41	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	10/06/1999 22:41	
Benzyl alcohol	ND	0.20	mg/Kg	10/06/1999 22:41	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	10/06/1999 22:41	
2-Methylphenol	ND	0.10	mg/Kg	10/06/1999 22:41	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	10/06/1999 22:41	
4-Methylphenol	ND	0.20	mg/Kg	10/06/1999 22:41	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	10/06/1999 22:41	
Hexachloroethane	ND	0.10	mg/Kg	10/06/1999 22:41	
Nitrobenzene	ND	0.10	mg/Kg	10/06/1999 22:41	
Isophorone	ND	0.10	mg/Kg	10/06/1999 22:41	
2-Nitrophenol	ND	0.10	mg/Kg	10/06/1999 22:41	
2,4-Dimethylphenol	ND	0.10	mg/Kg	10/06/1999 22:41	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	10/06/1999 22:41	
2,4-Dichlorophenol	ND	0.10	mg/Kg	10/06/1999 22:41	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	10/06/1999 22:41	
Naphthalene	ND	0.10	mg/Kg	10/06/1999 22:41	
4-Chloroaniline	ND	0.20	mg/Kg	10/06/1999 22:41	
Hexachlorobutadiene	ND	0.10	mg/Kg	10/06/1999 22:41	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	10/06/1999 22:41	
2-Methylnaphthalene	ND	0.10	mg/Kg	10/06/1999 22:41	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	10/06/1999 22:41	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	10/06/1999 22:41	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	10/06/1999 22:41	
2-Chloronaphthalene	ND	0.10	mg/Kg	10/06/1999 22:41	
2-Nitroaniline	ND	0.50	mg/Kg	10/06/1999 22:41	
Dimethyl phthalate	ND	0.50	mg/Kg	10/06/1999 22:41	
Acenaphthylene	ND	0.10	mg/Kg	10/06/1999 22:41	
3-Nitroaniline	ND	0.10	mg/Kg	10/06/1999 22:41	
Acenaphthene	ND	0.10	mg/Kg	10/06/1999 22:41	
2,4-Dinitrophenol	ND	0.50	mg/Kg	10/06/1999 22:41	
4-Nitrophenol	ND	0.50	mg/Kg	10/06/1999 22:41	
Dibenzofuran	ND	0.10	mg/Kg	10/06/1999 22:41	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	10/06/1999 22:41	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	10/06/1999 22:41	
Diethyl phthalate	ND	0.50	mg/Kg	10/06/1999 22:41	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	10/06/1999 22:41	

To: **URS Greiner Woodward Clyde- Oakland** Test Method: 8270A

Attn.: Jay Clare Prep Method: 3550/8270A

Batch QC Report

Semi-volatile Organic Compounds

Method Blank **Soil** **QC Batch # 1999/10/06-02.11**

MB: 1999/10/06-02.11-001 Date Extracted: 10/06/1999

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Fluorene	ND	0.10	mg/Kg	10/06/1999 22:41	
4-Nitroaniline	ND	0.50	mg/Kg	10/06/1999 22:41	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	10/06/1999 22:41	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	10/06/1999 22:41	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	10/06/1999 22:41	
Hexachlorobenzene	ND	0.10	mg/Kg	10/06/1999 22:41	
Pentachlorophenol	ND	0.50	mg/Kg	10/06/1999 22:41	
Phenanthrene	ND	0.10	mg/Kg	10/06/1999 22:41	
Anthracene	ND	0.10	mg/Kg	10/06/1999 22:41	
Di-n-butyl phthalate	ND	2.0	mg/Kg	10/06/1999 22:41	
Fluoranthene	ND	0.10	mg/Kg	10/06/1999 22:41	
Pyrene	ND	0.10	mg/Kg	10/06/1999 22:41	
Butyl benzyl phthalate	ND	0.50	mg/Kg	10/06/1999 22:41	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	10/06/1999 22:41	
Benzo(a)anthracene	ND	0.10	mg/Kg	10/06/1999 22:41	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	10/06/1999 22:41	
Chrysene	ND	0.10	mg/Kg	10/06/1999 22:41	
Di-n-octyl phthalate	ND	0.50	mg/Kg	10/06/1999 22:41	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	10/06/1999 22:41	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	10/06/1999 22:41	
Benzo(a)pyrene	ND	0.02	mg/Kg	10/06/1999 22:41	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	10/06/1999 22:41	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	10/06/1999 22:41	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	10/06/1999 22:41	
Benzoic acid	ND	0.50	mg/Kg	10/06/1999 22:41	
Surrogate(s)					
Nitrobenzene-d5	46.8	23-120	%	10/06/1999 22:41	
2-Fluorobiphenyl	61.6	30-115	%	10/06/1999 22:41	
p-Terphenyl-d14	88.8	18-137	%	10/06/1999 22:41	
Phenol-d5	48.6	24-113	%	10/06/1999 22:41	
2-Fluorophenol	41.8	25-121	%	10/06/1999 22:41	
2,4,6-Tribromophenol	67.8	19-122	%	10/06/1999 22:41	

To: **URS Greiner Woodward Clyde- Oakland**
Attn: Jay Clare

Test Method: 8270A
Prep Method: 3550/8270A

Batch QC Report

Semi-volatile Organic Compounds

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/10/06-02.11**

LCS: 1999/10/06-02.11-002 Extracted: 10/06/1999 Analyzed: 10/06/1999 23:24
LCSD: 1999/10/06-02.11-003 Extracted: 10/06/1999 Analyzed: 10/07/1999 00:07

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Phenol	1.06	1.04	2.00	2.00	53.0	52.0	1.9	20-90	35		
2-Chlorophenol	1.21	1.18	2.00	2.00	60.5	59.0	2.5	27-123	35		
1,4-Dichlorobenzene	0.620	0.580	1.000	1.000	62.0	58.0	6.7	28-104	30		
N-Nitroso-di-n-propylamin	0.620	0.630	1.000	1.000	62.0	63.0	1.6	25-114	39		
1,2,4-Trichlorobenzene	0.660	0.640	1.000	1.000	66.0	64.0	3.1	38-107	35		
4-Chloro-3-methylphenol	1.52	1.53	2.00	2.00	76.0	76.5	0.7	26-103	33		
Acenaphthene	0.660	0.640	1.000	1.000	66.0	64.0	3.1	49-102	30		
4-Nitrophenol	0.950	1.03	2.00	2.00	47.5	51.5	8.1	17-109	35		
2,4-Dinitrotoluene	0.660	0.680	1.000	1.000	66.0	68.0	3.0	28-89	38		
Pentachlorophenol	1.29	1.18	2.00	2.00	64.5	59.0	8.9	11-114	35		
Pyrene	0.870	0.800	1.000	1.000	87.0	80.0	8.4	25-117	35		
Surrogate(s)											
Nitrobenzene-d5	8.32	13.3	25	25	33.3	53.2		23-120			
2-Fluorobiphenyl	13.7	17.2	25	25	54.8	68.8		30-115			
p-Terphenyl-d14	23.7	22.2	25	25	94.8	88.8		18-137			
Phenol-d5	19.7	27.8	50	50	39.4	55.6		24-113			
2-Fluorophenol	12.6	22.5	50	50	25.2	45.0		25-121			
2,4,6-Tribromophenol	37.9	39.6	50	50	75.8	79.2		19-122			

Volatile Organic Compounds

URS Greiner Woodward Clyde- Oakland

500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn: Jay Clare

Phone: (510) 874-3027 Fax: (510) 874-3268

Project #:

Project:

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
C5 Comp	Soil	09/23/1999	1
C6 Comp	Soil	09/23/1999	2

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds

Sample ID: **C5 Comp**
Project:

Sampled: 09/23/1999
Matrix: Soil

Lab Sample ID: **1999-10-0098-001**
Received: 09/24/1999 17:40
Extracted: 10/06/1999 17:46
QC-Batch: 1999/10/06-01.07

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/06/1999 17:46	
Benzene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Bromoform	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Bromomethane	ND	10	ug/Kg	1.00	10/06/1999 17:46	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Chloroethane	ND	10	ug/Kg	1.00	10/06/1999 17:46	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/06/1999 17:46	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/06/1999 17:46	
Chloroform	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Chloromethane	ND	10	ug/Kg	1.00	10/06/1999 17:46	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/06/1999 17:46	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/06/1999 17:46	
Dibromomethane	ND	10	ug/Kg	1.00	10/06/1999 17:46	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/06/1999 17:46	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
2-Hexanone	ND	50	ug/Kg	1.00	10/06/1999 17:46	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/06/1999 17:46	
Naphthalene	ND	10	ug/Kg	1.00	10/06/1999 17:46	
Styrene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds

Sample ID: **C5 Comp**
Project:

Sampled: 09/23/1999
Matrix: Soil

Lab Sample ID: **1999-10-0098-001**
Received: 09/24/1999 17:40
Extracted: 10/06/1999 17:46
QC-Batch: 1999/10/06-01.07

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Vinyl acetate	ND	50	ug/Kg	1.00	10/06/1999 17:46	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Total xylenes	ND	10	ug/Kg	1.00	10/06/1999 17:46	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Bromochloromethane	ND	20	ug/Kg	1.00	10/06/1999 17:46	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/06/1999 17:46	
Surrogate(s)						
4-Bromofluorobenzene	89.5	74-121	%	1.00	10/06/1999 17:46	
1,2-Dichloroethane-d4	85.4	70-121	%	1.00	10/06/1999 17:46	
Toluene-d8	87.6	81-117	%	1.00	10/06/1999 17:46	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds

Sample ID:	**C6 Comp**	Lab Sample ID:	**1999-10-0098-002**
Project:		Received:	09/24/1999 17:40
		Extracted:	10/07/1999 13:17
Sampled:	09/23/1999	QC-Batch:	1999/10/07-01.07
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/07/1999 13:17	
Benzene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Bromoform	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Bromomethane	ND	10	ug/Kg	1.00	10/07/1999 13:17	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Chloroethane	ND	10	ug/Kg	1.00	10/07/1999 13:17	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/07/1999 13:17	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/07/1999 13:17	
Chloroform	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Chloromethane	ND	10	ug/Kg	1.00	10/07/1999 13:17	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/07/1999 13:17	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/07/1999 13:17	
Dibromomethane	ND	10	ug/Kg	1.00	10/07/1999 13:17	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/07/1999 13:17	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
2-Hexanone	ND	50	ug/Kg	1.00	10/07/1999 13:17	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/07/1999 13:17	
Naphthalene	ND	10	ug/Kg	1.00	10/07/1999 13:17	
Styrene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds

Sample ID: **C6 Comp**
Project:

Sampled: 09/23/1999
Matrix: Soil

Lab Sample ID: **1999-10-0098-002**
Received: 09/24/1999 17:40
Extracted: 10/07/1999 13:17
QC-Batch: 1999/10/07-01.07

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Vinyl acetate	ND	50	ug/Kg	1.00	10/07/1999 13:17	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Total xylenes	ND	10	ug/Kg	1.00	10/07/1999 13:17	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Bromochloromethane	ND	20	ug/Kg	1.00	10/07/1999 13:17	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/07/1999 13:17	
Surrogate(s)						
4-Bromofluorobenzene	92.5	74-121	%	1.00	10/07/1999 13:17	
1,2-Dichloroethane-d4	82.5	70-121	%	1.00	10/07/1999 13:17	
Toluene-d8	85.8	81-117	%	1.00	10/07/1999 13:17	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8260A
Prep Method: 5030

Batch QC Report
Volatile Organic Compounds

Method Blank | **Soil** | **QC Batch # 1999/10/06-01.07**

MB: 1999/10/06-01.07-001 | Date Extracted: 10/06/1999 11:10

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/Kg	10/06/1999 11:10	
Benzene	ND	5.0	ug/Kg	10/06/1999 11:10	
Bromodichloromethane	ND	5.0	ug/Kg	10/06/1999 11:10	
Bromoform	ND	5.0	ug/Kg	10/06/1999 11:10	
Bromomethane	ND	10.0	ug/Kg	10/06/1999 11:10	
Carbon tetrachloride	ND	5.0	ug/Kg	10/06/1999 11:10	
Chlorobenzene	ND	5.0	ug/Kg	10/06/1999 11:10	
Chloroethane	ND	10	ug/Kg	10/06/1999 11:10	
2-Butanone(MEK)	ND	50	ug/Kg	10/06/1999 11:10	
2-Chloroethylvinyl ether	ND	50	ug/Kg	10/06/1999 11:10	
Chloroform	ND	5.0	ug/Kg	10/06/1999 11:10	
Chloromethane	ND	10	ug/Kg	10/06/1999 11:10	
Dibromochloromethane	ND	5.0	ug/Kg	10/06/1999 11:10	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	10/06/1999 11:10	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	10/06/1999 11:10	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	10/06/1999 11:10	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	10/06/1999 11:10	
1,2-Dibromoethane	ND	10	ug/Kg	10/06/1999 11:10	
Dibromomethane	ND	10	ug/Kg	10/06/1999 11:10	
Dichlorodifluoromethane	ND	10	ug/Kg	10/06/1999 11:10	
1,1-Dichloroethane	ND	5.0	ug/Kg	10/06/1999 11:10	
1,2-Dichloroethane	ND	5.0	ug/Kg	10/06/1999 11:10	
1,1-Dichloroethene	ND	5.0	ug/Kg	10/06/1999 11:10	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	10/06/1999 11:10	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	10/06/1999 11:10	
1,2-Dichloropropane	ND	5.0	ug/Kg	10/06/1999 11:10	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	10/06/1999 11:10	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	10/06/1999 11:10	
Ethylbenzene	ND	5.0	ug/Kg	10/06/1999 11:10	
2-Hexanone	ND	50	ug/Kg	10/06/1999 11:10	
Methylene chloride	ND	5.0	ug/Kg	10/06/1999 11:10	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	10/06/1999 11:10	
Naphthalene	ND	10	ug/Kg	10/06/1999 11:10	
Styrene	ND	5.0	ug/Kg	10/06/1999 11:10	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	10/06/1999 11:10	
Tetrachloroethene	ND	5.0	ug/Kg	10/06/1999 11:10	
Toluene	ND	5.0	ug/Kg	10/06/1999 11:10	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	10/06/1999 11:10	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	10/06/1999 11:10	
Trichloroethene	ND	5.0	ug/Kg	10/06/1999 11:10	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8260A
Prep Method: 5030

Batch QC Report
Volatile Organic Compounds

Method Blank | **Soil** | **QC Batch # 1999/10/06-01.07**

MB: 1999/10/06-01.07-001 | Date Extracted: 10/06/1999 11:10

Compound	Result	Rep.Limit	Units	Analyzed	Flag
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	10/06/1999 11:10	
Vinyl acetate	ND	50	ug/Kg	10/06/1999 11:10	
Vinyl chloride	ND	5.0	ug/Kg	10/06/1999 11:10	
Total xylenes	ND	10	ug/Kg	10/06/1999 11:10	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	10/06/1999 11:10	
Carbon disulfide	ND	5.0	ug/Kg	10/06/1999 11:10	
Isopropylbenzene	ND	5.0	ug/Kg	10/06/1999 11:10	
Bromobenzene	ND	5.0	ug/Kg	10/06/1999 11:10	
Bromochloromethane	ND	20	ug/Kg	10/06/1999 11:10	
Trichlorofluoromethane	ND	5.0	ug/Kg	10/06/1999 11:10	
Surrogate(s)					
4-Bromofluorobenzene	109.6	74-121	%	10/06/1999 11:10	
1,2-Dichloroethane-d4	92.6	70-121	%	10/06/1999 11:10	
Toluene-d8	105.6	81-117	%	10/06/1999 11:10	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8260A
Prep Method: 5030

Batch QC Report
Volatile Organic Compounds

Method Blank | **Soil** | **QC Batch # 1999/10/07-01.07**

MB: 1999/10/07-01.07-001 | Date Extracted: 10/07/1999 11:22

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/Kg	10/07/1999 11:22	
Benzene	ND	5.0	ug/Kg	10/07/1999 11:22	
Bromodichloromethane	ND	5.0	ug/Kg	10/07/1999 11:22	
Bromoform	ND	5.0	ug/Kg	10/07/1999 11:22	
Bromomethane	ND	10.0	ug/Kg	10/07/1999 11:22	
Carbon tetrachloride	ND	5.0	ug/Kg	10/07/1999 11:22	
Chlorobenzene	ND	5.0	ug/Kg	10/07/1999 11:22	
Chloroethane	ND	10	ug/Kg	10/07/1999 11:22	
2-Butanone(MEK)	ND	50	ug/Kg	10/07/1999 11:22	
2-Chloroethylvinyl ether	ND	50	ug/Kg	10/07/1999 11:22	
Chloroform	ND	5.0	ug/Kg	10/07/1999 11:22	
Chloromethane	ND	10	ug/Kg	10/07/1999 11:22	
Dibromochloromethane	ND	5.0	ug/Kg	10/07/1999 11:22	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	10/07/1999 11:22	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	10/07/1999 11:22	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	10/07/1999 11:22	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	10/07/1999 11:22	
1,2-Dibromoethane	ND	10	ug/Kg	10/07/1999 11:22	
Dibromomethane	ND	10	ug/Kg	10/07/1999 11:22	
Dichlorodifluoromethane	ND	10	ug/Kg	10/07/1999 11:22	
1,1-Dichloroethane	ND	5.0	ug/Kg	10/07/1999 11:22	
1,2-Dichloroethane	ND	5.0	ug/Kg	10/07/1999 11:22	
1,1-Dichloroethene	ND	5.0	ug/Kg	10/07/1999 11:22	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	10/07/1999 11:22	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	10/07/1999 11:22	
1,2-Dichloropropane	ND	5.0	ug/Kg	10/07/1999 11:22	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	10/07/1999 11:22	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	10/07/1999 11:22	
Ethylbenzene	ND	5.0	ug/Kg	10/07/1999 11:22	
2-Hexanone	ND	50	ug/Kg	10/07/1999 11:22	
Methylene chloride	ND	5.0	ug/Kg	10/07/1999 11:22	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	10/07/1999 11:22	
Naphthalene	ND	10	ug/Kg	10/07/1999 11:22	
Styrene	ND	5.0	ug/Kg	10/07/1999 11:22	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	10/07/1999 11:22	
Tetrachloroethene	ND	5.0	ug/Kg	10/07/1999 11:22	
Toluene	ND	5.0	ug/Kg	10/07/1999 11:22	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	10/07/1999 11:22	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	10/07/1999 11:22	
Trichloroethene	ND	5.0	ug/Kg	10/07/1999 11:22	

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8260A
Prep Method: 5030

Batch QC Report
Volatile Organic Compounds

Method Blank | **Soil** | **QC Batch # 1999/10/07-01.07**

MB: 1999/10/07-01.07-001 | Date Extracted: 10/07/1999 11:22

Compound	Result	Rep.Limit	Units	Analyzed	Flag
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	10/07/1999 11:22	
Vinyl acetate	ND	50	ug/Kg	10/07/1999 11:22	
Vinyl chloride	ND	5.0	ug/Kg	10/07/1999 11:22	
Total xylenes	ND	10	ug/Kg	10/07/1999 11:22	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	10/07/1999 11:22	
Carbon disulfide	ND	5.0	ug/Kg	10/07/1999 11:22	
Isopropylbenzene	ND	5.0	ug/Kg	10/07/1999 11:22	
Bromobenzene	ND	5.0	ug/Kg	10/07/1999 11:22	
Bromochloromethane	ND	20	ug/Kg	10/07/1999 11:22	
Trichlorofluoromethane	ND	5.0	ug/Kg	10/07/1999 11:22	
Surrogate(s)					
4-Bromofluorobenzene	101.0	74-121	%	10/07/1999 11:22	
1,2-Dichloroethane-d4	90.8	70-121	%	10/07/1999 11:22	
Toluene-d8	96.6	81-117	%	10/07/1999 11:22	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-10-0098

To: **URS Greiner Woodward Clyde- Oakland**

Attn: Jay Clare

Test Method: 8260A

Prep Method: 5030

Batch QC Report

Volatile Organic Compounds

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/10/06-01.07**

LCS: 1999/10/06-01.07-002 Extracted: 10/06/1999 09:52 Analyzed: 10/06/1999 09:52

LCSD: 1999/10/06-01.07-003 Extracted: 10/06/1999 10:31 Analyzed: 10/06/1999 10:31

Compound	Conc. [ug/Kg]		Exp.Conc. [ug/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Benzene	96.8	100	100.0	100.0	96.8	100.0	3.3	69-129	20		
Chlorobenzene	102	104	100.0	100.0	102.0	104.0	1.9	61-121	20		
1,1-Dichloroethene	89.3	97.6	100.0	100.0	89.3	97.6	8.9	65-125	20		
Toluene	101	103	100.0	100.0	101.0	103.0	2.0	70-130	20		
Trichloroethene	97.0	101	100.0	100.0	97.0	101.0	4.0	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	519	539	500	500	103.8	107.8		74-121			
1,2-Dichloroethane-d4	424	459	500	500	84.8	91.8		70-121			
Toluene-d8	493	501	500	500	98.6	100.2		81-117			

To: **URS Greiner Woodward Clyde- Oakland** Test Method: 8260A

Attn: Jay Clare Prep Method: 5030

Batch QC Report

Volatile Organic Compounds

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/10/07-01.07**

LCS: 1999/10/07-01.07-002 Extracted: 10/07/1999 10:04 Analyzed: 10/07/1999 10:04

LCSD: 1999/10/07-01.07-003 Extracted: 10/07/1999 10:43 Analyzed: 10/07/1999 10:43

Compound	Conc. [ug/Kg]		Exp.Conc. [ug/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Benzene	88.5	92.4	100.0	100.0	88.5	92.4	4.3	69-129	20		
Chlorobenzene	97.7	99.5	100.0	100.0	97.7	99.5	1.8	61-121	20		
1,1-Dichloroethene	73.1	84.6	100.0	100.0	73.1	84.6	14.6	65-125	20		
Toluene	102	95.9	100.0	100.0	102.0	95.9	6.2	70-130	20		
Trichloroethene	87.4	93.2	100.0	100.0	87.4	93.2	6.4	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	472	498	500	500	94.4	99.6		74-121			
1,2-Dichloroethane-d4	378	438	500	500	75.6	87.6		70-121			
Toluene-d8	492	478	500	500	98.4	95.6		81-117			

To: **URS Greiner Woodward Clyde- Oakland**
Attn.: Jay Clare

Test Method: 8260A
Prep Method: 5030

Batch QC Report

Volatile Organic Compounds

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/10/06-01.07**

Sample ID: **44-99 R2** Lab Sample ID: 1999-09-0510-002

MS: 1999/10/06-01.07-004 Extracted: 10/06/1999 19:43 Analyzed: 10/06/1999 19:43 Dilution: 1.0
MSD: 1999/10/06-01.07-005 Extracted: 10/06/1999 20:21 Analyzed: 10/06/1999 20:21 Dilution: 1.0

Compound	Conc [ug/Kg]			Exp.Conc. [ug/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Benzene	88.5	92.0	ND	95.8	99.8	92.4	92.2	0.2	69-129	20		
Chlorobenzene	95.6	99.4	ND	95.8	99.8	99.8	99.6	0.2	61-121	20		
1,1-Dichloroethene	79.1	82.6	ND	95.8	99.8	82.6	82.8	0.2	65-125	20		
Toluene	90.3	94.7	ND	95.8	99.8	94.3	94.9	0.6	70-130	20		
Trichloroethene	88.2	92.0	ND	95.8	99.8	92.1	92.2	0.1	74-134	20		
Surrogate(s)												
4-Bromofluorobenzene	492	474		500	500	98.4	94.8		74-121			
1,2-Dichloroethane-d4	429	421		500	500	85.8	84.2		70-121			
Toluene-d8	435	437		500	500	87.0	87.4		81-117			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-10-0098

To: **URS Greiner Woodward Clyde- Oakland**

Attn.: Jay Clare

Test Method: 8260A

Prep Method: 5030

Batch QC Report

Volatile Organic Compounds

Matrix Spike (MS / MSD) **Soil** **QC Batch # 1999/10/07-01.07**

Sample ID: **1-5.0** Lab Sample ID: 1999-10-0102-008

MS: 1999/10/07-01.07-004 Extracted: 10/07/1999 17:49 Analyzed: 10/07/1999 17:49 Dilution: 1.0

MSD: 1999/10/07-01.07-005 Extracted: 10/07/1999 18:28 Analyzed: 10/07/1999 18:28 Dilution: 1.0

Compound	Conc [ug/Kg]			Exp.Conc. [ug/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
Benzene	95.1	95.1	ND	98.0	98.8	97.0	96.3	0.7	69-129	20		
Chlorobenzene	99.7	98.0	ND	98.0	98.8	101.7	99.2	2.5	61-121	20		
1,1-Dichloroethene	97.1	95.6	ND	98.0	98.8	99.1	96.8	2.3	65-125	20		
Toluene	89.1	88.3	ND	98.0	98.8	90.9	89.4	1.7	70-130	20		
Trichloroethene	93.3	92.4	ND	98.0	98.8	95.2	93.5	1.8	74-134	20		
Surrogate(s)												
4-Bromofluorobenzene	463	451		500	500	92.6	90.2		74-121			
1,2-Dichloroethane-d4	398	411		500	500	79.6	82.2		70-121			
Toluene-d8	398	402		500	500	79.6	80.4		81-117		sl	sl

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

ADD ON/CHANGE ORDER

RUSH

New Submission No: 99-10-1098

Order No: _____

Original Submission Info

Client Name: URS-G. Wood. Clyde

Project Mgr: Jay Clare

Project Name: _____

Project No: _____

PO#: _____

Date Received: _____

Submission No: 1999_09_0422

Name of Caller: Jay

Call Date: 10/6 Time: _____

Add on Due Date: 10-13 Date Sampled 9/23

Comments: _____

Holding Time is up on 10/7/99

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	ANALYSIS REPORT																				NUMBER OF CONTAINERS
					TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS 8260 (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)		LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				
C5 Comp	9/23		Soil							X	X														
C6 Comp	↓		↓							X	X														