A·C·C
ENVIRONMENTAL
CONSULTANTS

October 19, 2006

Mr. Nick Thom
City Of San Leandro
Engineering and Transportation Department
835 East 14th Street, Suite 101
San Leandro, California 94577

RE: Additional Soil Characterization Report
2660 Eden Road, San Leandro, California
ACC Project Number: 6755-004-01

Dear Mr. Thom:

Please find the enclosed two copies of the Additional Soil Characterization Report for 2660 Eden Road, San Leandro, California. This additional subsurface characterization work was conducted to: 1) further characterize soil adjacent to the soilpile 2) delineate soil with suspect elevated total lead concentrations; and 3) identify the hazard and impact to groundwater. Evidence of debris and manmade materials were generally noted in shallow soil to an approximate depth of 4.5 feet below ground surface and soil sample analytical results reporting elevated lead were primarily noted at 4 feet below ground surface.

If you have any questions regarding the report, please contact me at (510) 638-8400, ext. 109.

Sincerely,

David R. DeMent, PG, REA II
Environmental Division Manager

/krb:drd

Enclosures

SOIL CHARACTERIZATION REPORT

2660 Eden Road
San Leandro, California

ACC Project Number: 6755-004-01

Prepared for:

Mr. Nick Thom
City Of San Leandro
Engineering and Transportation Department
835 East 14th Street, Suite 101
San Leandro, California 94577

October 19, 2006

Prepared By: _____
Ken Blume
Technical Writer

Reviewed By: _____
David R. DeMent, PG, REA II
Division Manager

REGISTERED GEOLOGIST
DAVID R. DEMENT
NO. 5874
STATE OF CALIFORNIA

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SOIL CHARACTERIZATION REPORT
2660 Eden Road
San Leandro, California

1.0 INTRODUCTION

At the request of the City of San Leandro (Client), ACC Environmental Consultants Inc., (ACC), has prepared this Soil Characterization Report summarizing soil characterization work performed at 2660 Eden Road (Site) located in San Leandro, California (Site). The primary goal of additional soil characterization was to obtain additional data regarding the general quality of stockpiled soil, and suspect native at-grade soil surrounding the stockpiled soil, to assist the Client in cost-effectively profiling and recycling and/or disposing of this soil during proposed future site development.

2.0 BACKGROUND

The Site is located at the west end of Eden Road, San Leandro, California (Figure 1). ACC understands that the Site was previously used as an automobile dismantling/recycling facility and more recently used to stockpile and recycle soil. Currently, the Site is largely covered with stockpiled soil. The soilpile is approximately 300 feet long, 65 feet wide, and approximately 22 feet high, and ACC estimates the volume of soil at 11,000 to 13,000 cubic yards.

Properties to the east and south of the Site are occupied by automobile dismantling/recycling facilities and the property to the west is occupied by a wastewater treatment facility. In addition to soil, the Site contains concrete and brick fragments, asphalt, debris, and various plastic and metal containers. Heavy equipment formerly at the Site was removed prior to August 2006.

Two environmental issues have been identified at the Site: 1) suspect impacts to shallow soil from historic use as an automobile dismantling/recycling facility; and 2) the unknown quality of approximately 11,000 to 13,000 cubic yards of stockpiled soil.

Based on a review of aerial photographs and information available at the City of San Leandro Building Department, the Site was occupied by an automobile wrecking yard from circa 1950 to circa 1989. Based on a review of aerial photographs, the Site appeared to be unpaved during this entire time frame. In addition, based on a review of a 1977 aerial photograph, ACC observed staining on the northwest portion of the Site. ACC was unable to determine the source of the staining, but it most likely was associated with the auto dismantling business. During site reconnaissance ACC was unable to observe the ground beneath the soil stockpile and therefore, ACC was unable to determine if there have been any significant impacts to the soil and/or subsurface from the previous use of the Site. It is ACC's opinion that the former auto dismantling operations poses a moderate potential to impact subsurface soil and groundwater.

Based on a review of historical Topographic Maps and ACC's knowledge of the history of the surrounding area, the Site was reclaimed from the San Francisco Bay between 1899 and 1947, most likely between 1920 and 1940. During this reclamation process, the Site was brought to grade with an unknown quality of fill material.

In January 2006, ACC advanced 16 exploratory borings at select representative locations in the stockpiled soil. Twelve continuously-cored soil borings were advanced into the soilpile approximately 8 feet around the perimeter and four soil borings were advanced vertically into soil adjacent to the soilpile.

Discrete and laboratory-composited samples were analyzed for total lead by EPA Method 6010B, total extractable petroleum hydrocarbons (TEPH) by EPA Method 8015M, 17 California Assessment Manual metals (CAM 17) by EPA Method 6010B/7471A, semi-volatile organic compounds (SVOCs) by EPA Method 8240, volatile organic compounds by EPA Method 8260, total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and total xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by EPA Method 8260, and polychlorinated biphenyls (PCB) by EPA Method 8082. No detectable TPHg, BTEX, MTBE or VOCs were reported at the time. Analytical results for TPHg/BTEX can be found in Table 1, TEPH can be found in Table 2, total lead results in Table 3, and CAM 17 metals in Table 4.

TABLE 1 – JANUARY 2006 TPHg/BTEX ANALYTICAL RESULTS

Sample Name	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
K-COMP	<1.1	<0.0055	<0.0055	0.0055	0.0055	<0.022
L-COMP	<1.1	<0.0053	<0.0053	0.0053	0.0053	<0.021

Notes: All results reported in milligrams per kilogram (mg/kg)
< Sample tested below the laboratory minimum detection limit indicated

TABLE 2 – JANUARY 2006 TEPH ANALYTICAL RESULTS

Sample ID	TEPH (mg/kg)
B3-2	79*
B3-4	150*
B12-2.5	25*
B1-8	140*
B5-4	12*
B9-8	15*
B13-4	24*
B15-4	50*

Notes: All results are in milligrams per kilogram (mg/kg)
** Analytical result flagged by laboratory that heavier hydrocarbons contributed to the quantitation and sample chromatographic pattern did not resemble the laboratory standard*

TABLE 3 – JANUARY 2006 LEAD ANALYTICAL RESULTS

Sample ID	Sample Depth (ft) bgs	Total Lead
B3-2	2.0	1.8
B6-2	2.0	10
B12-12.5	12.5	10
B4-4	4.0	41
B8-4	4.0	14
B14-8	8.0	40

Notes: All results are in milligrams per kilogram (mg/kg)

TABLE 4 – JANUARY 2006 CAM 17 METAL ANALYTICAL RESULTS

Constituent	C-COMP	H-COMP	I-COMP	J-COMP	North Bay Average**	Residential PRG
Antimony	6.2	<2.0	<3.2	<2.4	1.3-10	31
Arsenic	9.1	6.8	4.3	5.4	6-16	22
Barium	290	150	160	160	500	5,400
Beryllium	0.25	0.42	0.30	0.33	<1	1,100
Cadmium	2.6	0.68	0.31	0.34	---	1,400
Chromium	32	52	110	210	100-700	210
Cobalt	7.3	11	22	37	15-70	900
Copper	85	40	30	37	50-300	3,100
Lead	**1,400**	32	16	17	30-300	255
Mercury	0.14	0.18	0.085	0.16	0.082-0.13	23
Molybdenum	2.0	<0.68	<1.1	<0.81	<3	390
Nickel	35	74	310	**750**	30-200	1,600
Selenium	0.52	0.68	<0.27	0.47	0.5	390
Silver	<0.18	<0.17	<0.27	<0.20	---	390
Thallium	<0.18	<0.17	<0.27	<0.20	---	5.2
Vanadium	26	55	60	43	150-500	78
Zinc	**870**	120	54	76	150-500	23,000

Notes: All results are in milligrams per kilogram (mg/kg)
< Not detected above laboratory reporting limit indicated
*** According to United States Geologic Survey Professional Paper 1270*
***BOLDED** values exceed accepted background concentration*
PRG = United States Environmental Protection Agency Preliminary Remediation Goal

With one exception, investigated soil did not contain any significantly elevated concentrations of petroleum hydrocarbons, PCBs, SVOCs, VOCs, or metals. Concentrations of lead in stockpiled soil approximate background, naturally occurring levels.

3.0 FIELD PROCEDURES

Due to the proposed soil borings being advanced adjacent to the soil pile, some to a depth of 20 feet below ground surface (bgs), a permit was required from Alameda County Public Works Agency to perform this work. As required by law, Underground Service Alert was notified 48-hour prior to advancement of soil borings and a Site-Specific Health and Safety Plan was prepared and available onsite during field activities.

Nine exploratory soil borings were advanced on September 20, 2006 and September 21, 2006 at select, representative locations adjacent to and in the stockpiled soil. Approximate soil boring locations are illustrated on Figure 2. Given accessibility limitations, soil borings were advanced at random representative locations utilizing a limited-access, hydraulically and pneumatically-driven, track-mounted Geoprobe® sampling rig utilizing stainless steel soil probes equipped with 2-inch inside-diameter clear acetate liners. One continuously-cored soil boring was advanced into the soilpile and eight soil borings were advanced vertically into soil adjacent to and around the perimeter of the soilpile. The sampling probe and rods were pre-cleaned prior to use and between sample drives by washing them with a trisodium phosphate and potable water solution, a potable water rinse, and distilled water rinse. Upon removal from the sampler, each recovered soil core was visually inspected and logged. The sample intervals were primarily logged to assess field indications of impact and soil type and to collect representative soil samples at each soil boring location.

ACC's Professional Geologist performed the soil borings and sampling, and the subsurface materials in the soil borings were identified, classified and logged. Upon removal from the sampler, each recovered soil sample was visually inspected and logged and classified according to the Unified Soil Classification System (USCS). Following drilling and sample collection, each soil boring location was abandoned with neat soil and backfilled with neat cement, as required by Alameda County Public Works Agency. Select discrete soil sample intervals were obtained for laboratory analysis and were identified by soil boring location and approximate depth below ground surface. Each select sample interval was cut from the 4-foot liner, capped with teflon sheeting and tight-fitting polyethylene caps, labeled, and stored in a pre-chilled, insulated container to be transported following chain of custody protocol to Curtis & Tompkins, Inc. (C&T) a state-certified analytical laboratory. Discrete and laboratory-composited soil samples were analyzed for total lead by EPA Method 6010B, total nickel by EPA Method 6010B, total extractable petroleum hydrocarbons (TEPH) by EPA Method 8015B, 17 California Assessment Manual metals (CAM 17) by EPA Method 6010B/7471A, and semi-volatile organic compounds (SVOCs) by EPA Method 8240. Grab groundwater samples were analyzed for total extractable petroleum hydrocarbons (TEPH) by EPA Method 8015B, and halogenated volatile organic compounds (HVOCs) by EPA Method 8260.

4.0 FINDINGS

4.1 Field Conditions

The surface of the Site in the area of the investigation is covered with soil. Native soil conditions at the Site below four feet bgs were generally consistent. Stockpiled soil varied considerably throughout primarily due to the amount and location of fill materials noted in the stockpiled soil above grade and to a depth of four feet bgs in soils adjacent to the soil stockpile. Fill materials consisted of concrete,

asphalt, and brick fragments, gravel, wood, glass, slag, asphalt shavings, and debris. Materials interpreted as native soil consisted primarily of silts and clays. Soil screened with the PID did not report elevated readings. During sampling activities, ACC did not note any field indications of soil contamination such as visible product, strong odors or elevated PID readings, or stained soil. Groundwater was encountered during this subsurface investigation at approximately 17.75 to 18 feet bgs at the Site.

4.2 Analytical Results

No detectable HVOCs were reported in the four grab groundwater samples. Analytical results for grab groundwater TEPH are summarized in Table 5.

Four discrete samples were taken from boring B25, composited, and analyzed for CAM 17 metals and SVOCs. No SVOCs were detected, with the exception of phenol reported at 5.7 mg/kg. Reported phenol is below the residential preliminary remediation goal (PRG) of 18,000 mg/kg set by the United States Environmental Protection Agency. CAM 17 analytical results for the composited soil sample B25 are summarized in Table 6. Mercury and Selenium concentrations were found to exceed North Bay background levels, but did not exceed the residential preliminary remediation goal.

TEPH analytical results for soil samples are summarized in Table 7. TEPH-range petroleum hydrocarbons were reported at concentrations ranging from 25 to 4,400 milligrams per kilogram (mg/kg), and averaged 683 mg/kg. Milligrams per kilogram are approximately equal to parts per million. Total lead concentrations ranged from 2.5 mg/kg to 770 mg/kg in the twenty discrete soil samples analyzed and averaged 123 mg/kg. Total lead analytical results are summarized in Table 8. Elevated concentrations of lead were observed at or below 4.0 feet bgs. Total nickel concentrations ranged from 36 to 100 mg/kg, and averaged 55 mg/kg. According to the United States Geologic Survey, this value is consistent with the North Bay average background concentrations. A copy of the analytical results and chain of custody record is included as Appendix 1.

TABLE 5 – SEPTEMBER 2006 GRAB GROUNDWATER SAMPLE TEPH RESULTS

Sample ID	TEPH-d (µg/L)	TEPH-Motor Oil (µg/L)
B17-W	650[1,3]	1,500
B19-W	600[1,3]	1,000
B22-W	1,200[1,3]	1,300[2]
B23-W	750[1,3]	1,700[2]

Notes: micrograms per Liter (mg/L) approximately equal to parts per billion (ppb)
[1] Analytical result flagged by laboratory that heavier hydrocarbons contributed to the quantitation
[2] Analytical result flagged by laboratory that lighter hydrocarbons contributed to the quantitation
[3] Sample chromatographic pattern did not resemble the laboratory standard

TABLE 6 – SEPTEMBER 2006 SOIL CAM 17 METAL ANALYTICAL RESULTS

Constituent	B25-COMP	North Bay Average**	Residential PRG
Antimony	<3.0	1.3-10	31
Arsenic	3.4	6-16	0.062
Barium	63	500	5,400
Beryllium	0.36	<1	1,500
Cadmium	<0.25	---	37
Chromium	71	100-700	210
Cobalt	8.7	15-70	900
Copper	25	50-300	3,100
Lead	4.9	30-300	150
Mercury	0.25	0.082-0.13	230
Molybdenum	<1.0	<3	390
Nickel	59	30-200	1,600
Selenium	0.69	0.5	390
Silver	<0.25	---	390
Thallium	<0.25	---	5.2
Vanadium	47	150-500	780
Zinc	51	150-500	23,000

Notes: All results are in milligrams per kilogram (mg/kg), approximately equal to parts per million (ppm)
< Not detected above laboratory reporting limit indicated
*** According to United States Geologic Survey Professional Paper 1270*
PRG = United States Environmental Protection Agency Preliminary Remediation Goal

TABLE 7 – SEPTEMBER 2006 SOIL TEPH ANALYTICAL RESULTS

Sample ID	Sample Depth (ft) bgs	TEPH-d (mg/kg)	TEPH-Motor Oil (mg/kg)
B17-3.5	3.5	25[1,2]	120[1]
B18-2.0	2.0	52[1,2]	620[1]
B19-2.0	2.0	140[1,2]	830[1]
B20-2.0	2.0	1,300[1,2]	4,400
B21-2.0	2.0	27[1,2]	170[1]
B22-2.0	2.0	230[1,2]	1,900[1]
B23-2.0	2.0	42[1,2]	270[1]
B24-2.0	2.0	85[1,2]	710[1]

Notes: milligrams per kilogram (mg/kg) approximately equal to parts per million (ppm)
[1] Analytical result flagged by laboratory that heavier hydrocarbons contributed to the

quantitation, and sample chromatographic pattern did not resemble the laboratory standard
[2] *Sample chromatographic pattern did not resemble the laboratory standard*

TABLE 8 – SEPTEMBER 2006 SOIL LEAD ANALYTICAL RESULTS

Sample ID	Sample Depth (ft) bgs	Total Lead
B17-3.5	3.5	33
B17-6.0	6.0	5.3
B18-2.0	2.0	26
B18-4.0	4.0	130
B19-2.0	2.0	150
B19-4.0	4.0	450
B19-6.0	6.0	5.2
B20-2.0	2.0	31
B20-4.0	4.0	10
B21-2.0	2.0	23
B21-4.0	4.0	770
B22-2.0	2.0	7.5
B22-4.0	4.0	460
B23-2.0	2.0	23
B23-4.0	4.0	6.0
B24-2.0	2.0	32
B24-4.0	4.0	2.5
B25-5.0	5.0	24
B25-10.0	10.0	260
B25-15.0	15.0	12

Notes: All results are in milligrams per kilogram (mg/kg)

TABLE 9 – SEPTEMBER 2006 SOIL NICKEL ANALYTICAL RESULTS

Sample ID	Sample Depth (ft) bgs	Nickel (mg/kg)
B19	2.0	100
B19	4.0	55
B19	6.0	41
B20	2.0	37
B20	4.0	48
B21	2.0	36
B21	4.0	46
B22	2.0	55
B22	4.0	73

5.0 DISCUSSION

The primary goal of this additional investigation was to further characterize stockpiled soil for constituents of concern, determine the general soil quality, identify potential impacts to groundwater from former Site activities, and obtain additional data necessary to recommend cost-effective soil disposal and/or reuse. Additional soil analytical data was also necessary to evaluate potential worker safety issues and the possible need for safety mitigation measures during soil handling activities.

5.1 Soil

Consistent with the January 2006 investigation, significant amounts of fill materials and debris were noted in stockpiled soil and soil surrounding the existing soilpile during sampling activities. Fill materials were observed in all eight soil borings advanced adjacent the soil pile to depths ranging from 2.5 to 4.5 feet bgs. Analytical results indicate that general soil quality is acceptable but localized metal and TEPH impacts exist that are likely associated with the fill materials noted in the soil. Constituents of concern associated with former use as an automobile dismantling facility (metals and TEPH), were reported at relatively minor or background concentrations. Due to the presence of asphalt fragments in soil, the elevated TEPH analytical results are suspect and analytical result flags reported by the laboratory support the conclusion that the reported TEPH is likely motor-range petroleum hydrocarbons only.

Localized impacts from lead and asphalt-range petroleum hydrocarbons and the presence of fill materials throughout the majority of the stockpiled soil indicate that the soil would likely not be accepted by any third parties for recycling as fill material. However, residual concentrations of these identified constituents do not prevent use of this material onsite or immediately adjacent to the Site during development.

5.2 Groundwater

ACC collected one set of grab groundwater samples along the estimated upgradient border of the property (soil borings B17 and B19) and one set of grab groundwater samples along the estimated downgradient border of the property (soil borings B22 and B23). Analytical results reported relatively consistent concentrations of TEPH as diesel- and motor oil-range petroleum hydrocarbons in the four grab groundwater samples. No halogenated volatile organic compounds (HVOCs) were detected in any of the grab groundwater samples.

Based on the reported TEPH concentrations, no significant contribution to TEPH impact in groundwater is suspected from surface soils or stockpiled soil on the Site. This finding is consistent with Site geology and the approximate thickness of 13 to 15.5 feet of clay above first-encountered groundwater at 17.75 feet bgs.

5.3 Risk Evaluation

Isolated soils contain elevated total lead. During the January 2006 investigation, one composite soil sample reported 1,400 mg/kg lead and during the September 2006 investigation, elevated lead concentrations ranged from 260 to 770 mg/kg in four soil samples. ACC analyzed 20 discrete soil samples for total lead and the average was 123 mg/kg. Seven soil samples collected at 20 feet bgs reported an average lead concentration of 42 mg/kg. Soil samples collected at the fill material/native soil interface at approximately 4 feet bgs reported an average lead concentration of 233 mg/kg. Nickel concentrations in nine soil samples averaged 55 mg/kg, consistent with the published average nickel concentration of 30 to 200 mg/kg for this geographic region, and nickel result reported in the CAM 17 metal analysis of the 4-point composite obtained within the soil stockpile.

Based on field observations and representative soil sample analytical results, ACC is not aware of any significant environmental concerns or worker safety issues at the Site. Typical dust suppression and personal worker hygiene should be sufficient to mitigate potential worker safety exposure during soil handling activities.

6.0 CONCLUSIONS

Based on known site history, representative soil sample and grab groundwater analytical results, PID readings, and field observations, ACC has concluded the following:

- A majority of samples indicated petroleum hydrocarbons as TEPH are relatively minor and do not represent a significant worker concern or soil disposal issue;
- Concentrations of lead in the southern portion surrounding the stockpiled soil are elevated;
- Concentrations of nickel surrounding stockpiled soil approximates background, naturally occurring levels;
- Investigated soil did not contain any significantly elevated concentrations of SVOCs, HVOCs, or metals;

- Suspect soil impacts from historical site use as an automobile dismantling facility are relatively minor and do not warrant additional site investigation;

- Minor additional soil characterization may be required to profile excess soil for offsite disposal at an accepting permitted facility, such as soluble lead.

6.1 Soil Disposal Costs

ACC recommends that stockpiled soil be reused to the extent feasible onsite and during development of the property, and excess soil disposed at an accepting permitted landfill. Soil in the northern half of the soil stockpile qualifies for unrestricted use. Excess soil from the southern half of the soil stockpile contains areas with elevated lead and would be most appropriate for landfilling.

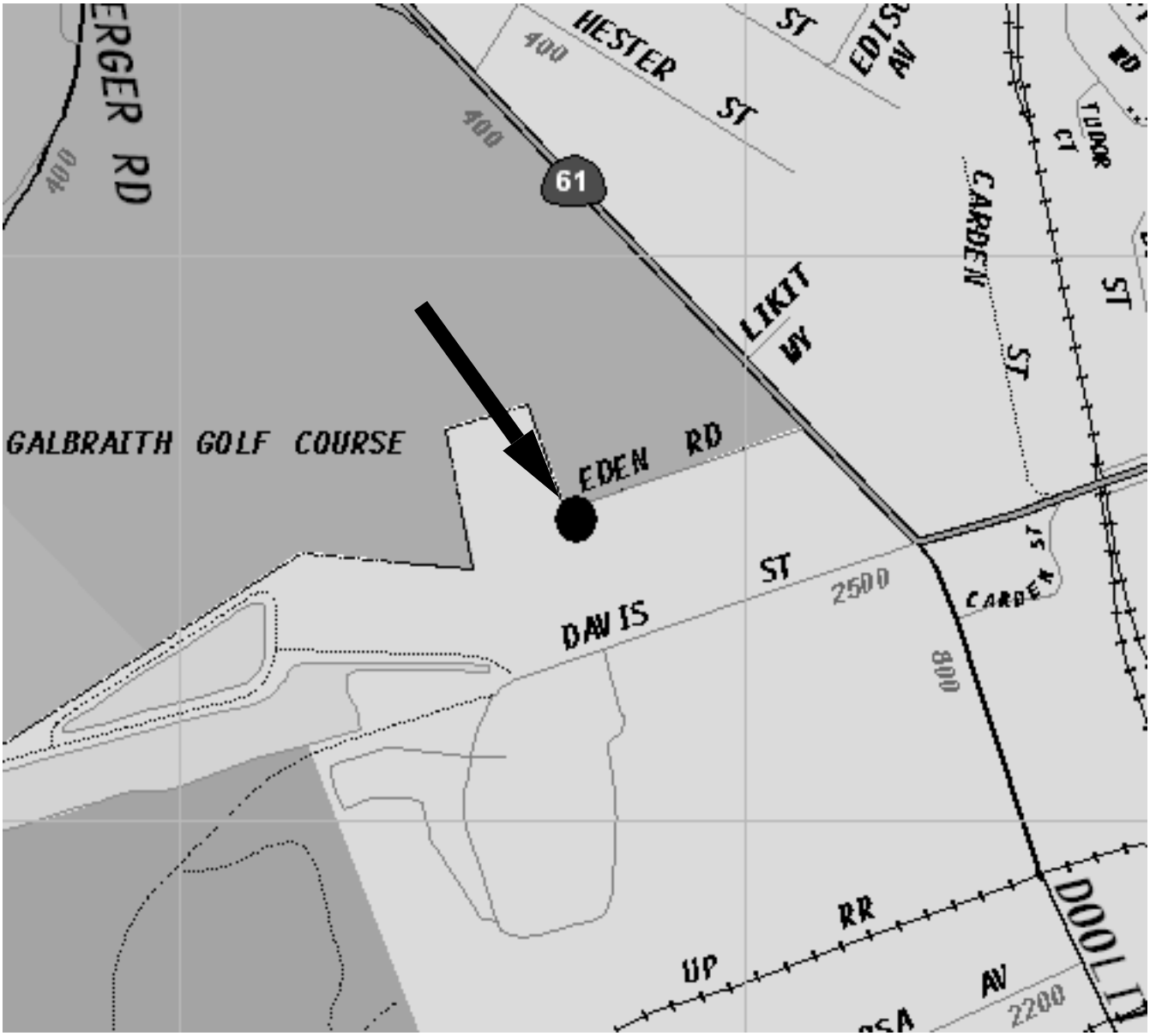
Landfills will accept soil sample analytical results for soil profiling purposes for up to one year but may require new sample analytical results after one year. If excess soil requires offsite disposal, landfills may request additional soluble metal testing for lead. Soil samples collected in September 2006 will be held by the laboratory for a minimum of six months in the event additional analytical results are requested by the accepting landfill. Assuming excess stockpiled soil is accepted by local Class II or III landfills, the estimated cost of disposal ranges from approximately $20 to $40 per ton, excluding handling and trucking fees.

7.0 LIMITATIONS

The service performed by ACC has been conducted in a manner consistent with the levels of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area. No other warranty, expressed or implied, is made.

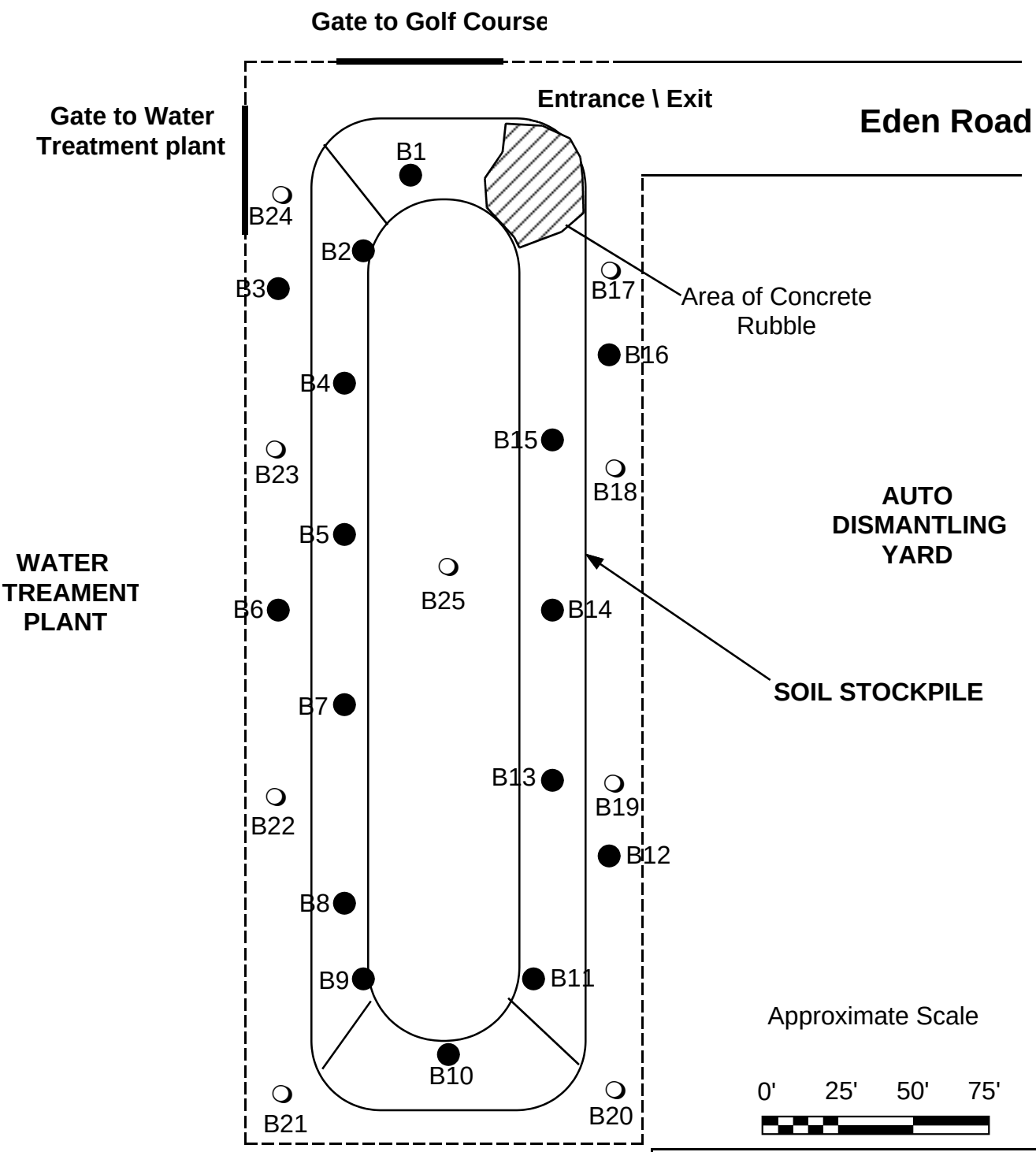
The conclusions presented in this report are professional opinions based on the indicated data described in this report and applicable regulations and guidelines currently in place. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our study.

ACC has included analytical results from a state-certified laboratory, which performs analyses according to procedures suggested by the U.S. Environmental Protection Agency and the State of California. ACC is not responsible for laboratory errors in procedure or result reporting.



Source: The Thomas Guide, Bay Area Metro, 2004

Title: ***Location Map*** ***2660 Eden Road*** ***San Leandro, California***	
Figure Number: 1	Scale: None
ACC Project: 6755-003	Drawn By: TRB
A·C·C ENVIRONMENTAL CONSULTANTS	Date: 3/16/06
Northern California 7977 Capwell Drive, Suite 100 Oakland, CA 94621 (510) 638-8400	N W E S



Legend

- B18 September 2006 Boring Location
- B3 January 2006 Boring Location
- Site Property LIne
- Gates

Title: ***Proposed Soil Boring Locations***
2660 Eden Road
San Leandro, California

Figure Number: 2	Scale: 1" - 50'
ACC Project: 6755-003-01	Drawn By:LMB
	Date:10/09/06

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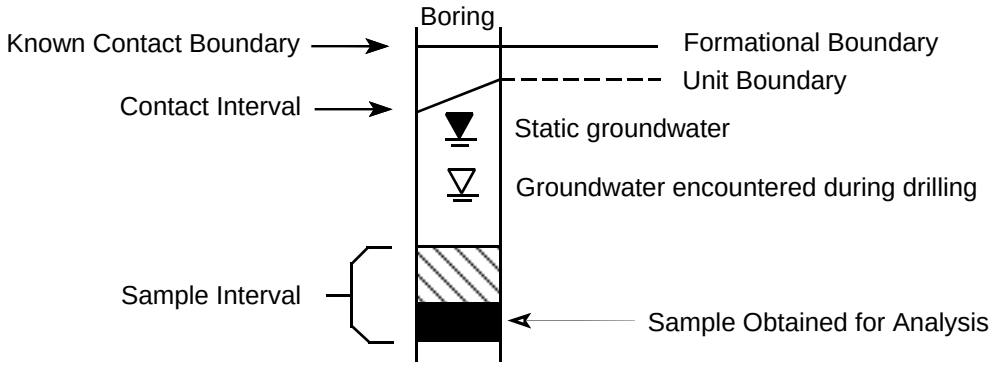
N W E S

APPENDIX 1

UNIFIED SOIL CLASSIFICATION SYSTEM

	MAJOR DIVISIONS			TYPICAL NAMES
COARSE GRAINED SOILS	GRAVELS more than half coarse fraction is larger than Number 4 sieve	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW	well graded gravels, gravel-sand mixtures
			GP	poorly graded gravels, gravel-sand mixtures
		GRAVELS WITH OVER 12% FINES	GM	silty gravels, poorly graded gravel-sand silt mixtures
			GC	clayey gravels, poorly graded gravel-sand clay mixtures
	SANDS more than half coarse fraction is smaller than Number 4 sieve	CLEAN SANDS WITH LITTLE OR NO FINES	SW	well graded sands, gravelly sands
			SP	poorly graded sands, gravelly sands
		SANDS WITH OVER 12% FINES	SM	silty sands, poorly graded sand-silt mixtures
			SC	clayey sands, poorly graded sand-clay mixtures
FINE GRAINED SOILS	SILTS AND CLAYS liquid limit less than 50		ML	inorg. silts and very fine sands, rock flour silty or clayey sands, or clayey silts w/ sl. plasticity
			CL	inorg. clays of low-med plasticity, gravelly clays, sandy clays, silty clays, lean clays
			OL	organic clays and organic silty clays of low plasticity
	SILTS AND CLAYS liquid limit greater than 50		MH	inorganic silty, micaceous or diatomacious fine sandy or silty soils, elastic silts
			CH	inorganic clays of high plasticity, fat clays
			OH	organic clays of medium to high plasticity organic silts
	HIGHLY ORGANIC SOILS		PT	peat and other highly organic soils

Legend for Boring Logs



ACC Environmental Consultants, Inc.
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Oakland, California 94621
(510) 638-8400 Fax: (510) 638-8404

Site: **SUBJECT SITE**
2660 Eden Road
San Leandro, California

Project Number: **6755-003.02**

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: David DeMent, PG
LOCATION: 2660 Eden Road, San Leandro, CA
WORK DATE: 09/20/06
BORING: B18

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Fill, brown to yellow brown to black, silt with disseminated clays, gravel, glass fragments, debris, slag, and misc. fill materials, abundant gravel 0-1' bgs
	0.2	B18-2.0		2	
7.5YR-5/2	0.1	B18-4.0		4	Clay (CL), black to dark brown, high plasticity, medium stiff, uniform, trace black organic matter, no petroleum hydrocarbon odor or discoloration, damp
5Y-4/3				6	Clay (CL), as above, olive green at 6 feet bgs
				8	**TOTAL DEPTH OF BORING: 8 feet bgs**
				10	
				12	
				14	
				16	
				18	
				20	
				22	
				24	
				26	
				28	

ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510)638-8400 FAX: (510)638-8404

Project Number
6755-003.02

Date: 09/20/06

Title: **LOG OF BORING B18**
2660 Eden Road
San Leandro, California

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: David DeMent, PG
LOCATION: 2660 Eden Road, San Leandro, CA
WORK DATE: 09/20/06
BORING: B19

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Fill, brown to yellow brown to black, silt with disseminated clays, gravel, glass fragments, debris, slag, and misc. fill materials, abundant asphalt shavings at 3.5-4.0' bgs
	0.2	B19-2.0		2	
7.5YR-5/2	0.1	B19-4.0		4	Clay (CL), black to dark brown, high plasticity, medium stiff, uniform, trace black organic matter, no petroleum hydrocarbon odor or discoloration, damp
5Y-4/3	0.3	B19-6.0		6	
				8	**TOTAL DEPTH OF BORING: 8 feet bgs**
				10	
				12	
				14	
				16	
				18 ▽	
				20	**HYROPUNCH ADVANCED TO: 20 feet bgs**
				22	
				24	
				26	
				28	

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Project Number
6755-003.02

Date: 09/20/06

Title: **LOG OF BORING B19**
2660 Eden Road
San Leandro, California

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: David DeMent, PG
LOCATION: 2660 Eden Road, San Leandro, CA
WORK DATE: 09/20/06
BORING: B20

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Fill, brown to yellow brown to black, silt with disseminated clays, gravel, glass fragments, debris, slag, and misc. fill materials, abundant gravel 0-1' bgs
	0.2	B20-2.0		2	
	0.1	B20-4.0		4	
7.5YR-3/2				6	Clay (CL), very dark brown, moderately plastic, medium stiff, uniform, roots and rootholes, no petroleum hydrocarbon odor / discoloration, damp
5Y-4/3				8	Clay (CL), as above, olive green at 7 feet bgs
				10	**TOTAL DEPTH OF BORING: 8 feet bgs**
				12	
				14	
				16	
				18	
				20	
				22	
				24	
				26	
				28	

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Project Number
6755-003.02

Date: 09/20/06

Title: **LOG OF BORING B20**
2660 Eden Road
San Leandro, California

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: David DeMent, PG
LOCATION: 2660 Eden Road, San Leandro, CA
WORK DATE: 09/20/06
BORING: B21

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Fill, brown to yellow brown to black, silt with disseminated clays, gravel, glass fragments, debris, slag, and misc. fill materials, abundant gravel 0-1' bgs
	0.1	B21-2.0		2	
	0.4	B21-3.5			Clay (CL), very dark brown, moderately plastic, medium stiff, uniform, roots, no petroleum hydro-carbon odor / discoloration, damp
7.5YR-3/2				4	
				6	
5Y-4/3					Clay (CL), as above, olive green at 7 feet bgs
				8	**TOTAL DEPTH OF BORING: 8 feet bgs**
				10	
				12	
				14	
				16	
				18	
				20	
				22	
				24	
				26	
				28	

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Project Number
6755-003.02

Date: 09/20/06

Title: **LOG OF BORING B21**
2660 Eden Road
San Leandro, California

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: David DeMent, PG
LOCATION: 2660 Eden Road, San Leandro, CA
WORK DATE: 09/20/06
BORING: B22

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Fill, brown to yellow brown to black, silt with disseminated clays, gravel, glass fragments, debris, slag, and misc. fill materials
	0.9	B22-2.0		2	
7.5YR-5/2	0.4	B22-4.0		4	Clay (CL), black to dark brown, high plasticity, medium stiff, uniform, trace black organic matter, no petroleum hydrocarbon odor or discoloration, damp
				6	
5Y-4/3	0.2			8	Silty Clay (CL), olive green, moderately plastic, 1-5% very fine to medium grain sand, no petroleum hydrocarbon odor or discoloration, damp
				10	
2.5Y-4/4	0.2			12	Clay (CL), dark olive, high to moderate plasticity, medium stiff, uniform, no petroleum hydrocarbon odor or discoloration, damp, disseminated sand noted at 14-15' bgs
				14	
5Y-4/3	0.1			16	Clay (CL), as above, light olive, increased sand content 17-18 feet bgs, silty sand noted at 17.75'
				18	**TOTAL DEPTH OF BORING: 18 feet bgs**
				20	
				22	
				24	
				26	
				28	

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Project Number
6755-003.02

Date: 09/20/06

Title: **LOG OF BORING B22**
2660 Eden Road
San Leandro, California

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: David DeMent, PG
LOCATION: 2660 Eden Road, San Leandro, CA
WORK DATE: 09/20/06
BORING: B23

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Fill, brown to yellow brown to black, silt with disseminated clays, gravel, glass fragments, debris, slag, and misc. fill materials
	0.2	B23-2.0		2	
7.5YR-5/2	0.1	B23-4.0		4	Clay (CL), black to dark brown, high plasticity, medium stiff, uniform, trace black organic matter, no petroleum hydrocarbon odor or discoloration, damp
				6	Clay (CL), as above, olive green at 7 feet bgs
5Y-4/3	0.1			8	Silty Clay (CL), olive green, moderately plastic, 1-5% very fine to medium grain sand, no petroleum hydrocarbon odor or discoloration, damp
5G-6/1				10	Silty Clay (CL), as above, gray at 10 feet bgs
	0.3			12	Clay (CL), gray, high to moderate plasticity, medium stiff, uniform, no petroleum hydrocarbon odor or discoloration, damp, disseminated sand noted at 14-15' bgs
5Y-4/3	0.1			14	
				16	Clay (CL), as above, light olive, increased sand content 17-18 feet bgs
				18	**TOTAL DEPTH OF BORING: 18 feet bgs**
				20	
				22	
				24	
				26	
				28	

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Project Number
6755-003.02

Date: 09/20/06

Title: **LOG OF BORING B23**
2660 Eden Road
San Leandro, California

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: David DeMent, PG
LOCATION: 2660 Eden Road, San Leandro, CA
WORK DATE: 09/20/06
BORING: B24

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Fill, brown to yellow brown to black, silt with disseminated clays, gravel, glass fragments, debris, slag, and misc. fill materials, abundant gravel 0-1' bgs
	0.3	B24-2.0		2	
	0.1	B24-4.0		4	
7.5YR-3/2				6	Clay (CL), very dark brown, moderately plastic, medium stiff, uniform, no petroleum hydrocarbon odor / discoloration, damp
5Y-4/3				8	Clay (CL), as above, olive green at 7.5 feet bgs
					TOTAL DEPTH OF BORING: 8 feet bgs
				10	
				12	
				14	
				16	
				18	
				20	
				22	
				24	
				26	
				28	

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Project Number
6755-003.02

Date: 09/20/06

Title: **LOG OF BORING B24**
2660 Eden Road
San Leandro, California

EQUIPMENT: Geoprobe Hydraulic Sampling Device
OPERATED BY: Environmental Control Associates
LOGGED BY: David DeMent, PG
LOCATION: 2660 Eden Road, San Leandro, CA
WORK DATE: 09/20/06
BORING: B25

Soil Color Color Code (Munsell Soil Color Chart)	PID (ppm)	SAMPLE ID	SAMPLE INTERVAL	depth below ground surface (ft)	
				0	Fill, brown to yellow brown to black, silt with disseminated clays, gravel, glass fragments, debris, slag, and misc. fill materials
				2	
7.5YR-5/2	0.2	B25-5.0		4	Clay (CL), black to dark brown, high plasticity, medium stiff, uniform, trace black organic matter, no petroleum hydrocarbon odor or discoloration, damp
				6	Clay (CL), as above, olive green at 6 feet bgs
5Y-4/3				8	Silty Clay (CL), olive green, moderately plastic, 1-5% very fine to medium grain sand, trace roots, no petroleum hydrocarbon odor or discoloration, damp
5G-6/1	0.1	B25-10.0		10	Silty Clay (CL), as above, gray at 10 feet bgs
				12	Clay (CL), gray, high to moderate plasticity, medium stiff, uniform, no petroleum hydrocarbon odor or discoloration, damp
				14	
5Y-4/3	0.2	B25-15.0		16	Clay (CL), as above, light olive at 16 feet bgs, approximately 12 inches of disseminated fine grain gravel at 17 feet bgs
				18	
	0.4	B25-19.5		20	**TOTAL DEPTH OF BORING: 20 feet bgs**
				22	
				24	
				26	
				28	

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Project Number
6755-003.02

Date: 09/20/06

Title: **LOG OF BORING B25**
2660 Eden Road
San Leandro, California

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	09/22/06

Field ID:	B17-W	Sampled:	09/20/06
Type:	SAMPLE	Prepared:	09/27/06
Lab ID:	189619-001	Analyzed:	09/28/06
Batch#:	117869		

Analyte	Result	RL
Diesel C10-C24	650 H Y	50
Motor Oil C24-C36	1,500	300

Surrogate	%REC	Limits
Hexacosane	69	65-130

Field ID:	B19-W	Sampled:	09/20/06
Type:	SAMPLE	Prepared:	09/27/06
Lab ID:	189619-002	Analyzed:	09/29/06
Batch#:	117869		

Analyte	Result	RL
Diesel C10-C24	600 H Y	50
Motor Oil C24-C36	1,000	300

Surrogate	%REC	Limits
Hexacosane	90	65-130

Field ID:	B22-W	Sampled:	09/20/06
Type:	SAMPLE	Prepared:	09/29/06
Lab ID:	189619-003	Analyzed:	10/01/06
Batch#:	117973		

Analyte	Result	RL
Diesel C10-C24	1,200 H Y	56
Motor Oil C24-C36	1,300 L	330

Surrogate	%REC	Limits
Hexacosane	87	65-130

Field ID:	B23-W	Sampled:	09/21/06
Type:	SAMPLE	Prepared:	09/27/06
Lab ID:	189619-004	Analyzed:	09/29/06
Batch#:	117873		

Analyte	Result	RL
Diesel C10-C24	750 H Y	50
Motor Oil C24-C36	1,700 L	300

Surrogate	%REC	Limits
Hexacosane	94	65-130

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	09/22/06

Type:	BLANK	Prepared:	09/27/06
Lab ID:	QC357912	Analyzed:	09/28/06
Batch#:	117869	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	89	65-130

Type:	BLANK	Prepared:	09/27/06
Lab ID:	QC357926	Analyzed:	09/29/06
Batch#:	117873	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	78	65-130

Type:	BLANK	Prepared:	09/29/06
Lab ID:	QC358341	Analyzed:	10/01/06
Batch#:	117973	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	102	65-130

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	117869
Units:	ug/L	Prepared:	09/27/06
Diln Fac:	1.000	Analyzed:	09/28/06

Type: BS
Lab ID: QC357913
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,019	81	61-133

Surrogate	%REC	Limits
Hexacosane	95	65-130

Type: BSD
Lab ID: QC357914
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,074	83	61-133	3	31

Surrogate	%REC	Limits
Hexacosane	93	65-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC357927	Batch#:	117873
Matrix:	Water	Prepared:	09/27/06
Units:	ug/L	Analyzed:	09/29/06

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,353	94	61-133

Surrogate	%REC	Limits
Hexacosane	97	65-130

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	117873
MSS Lab ID:	189575-004	Sampled:	09/20/06
Matrix:	Water	Received:	09/21/06
Units:	ug/L	Prepared:	09/27/06
Diln Fac:	1.000	Analyzed:	09/29/06

Type: MS
Lab ID: QC357928
Cleanup Method: EPA 3630C

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	61.45	2,500	2,511	98	55-134

Surrogate	%REC	Limits
Hexacosane	108	65-130

Type: MSD
Lab ID: QC357929
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,778	2,939	104	55-134	5	27

Surrogate	%REC	Limits
Hexacosane	114	65-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	117973
Units:	ug/L	Prepared:	09/29/06
Diln Fac:	1.000	Analyzed:	10/01/06

Type: BS
Lab ID: QC358342
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,038	82	61-133

Surrogate	%REC	Limits
Hexacosane	98	65-130

Type: BSD
Lab ID: QC358343
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,189	88	61-133	7	31

Surrogate	%REC	Limits
Hexacosane	98	65-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	117839
Units:	mg/Kg	Received:	09/22/06
Basis:	as received	Prepared:	09/26/06

Field ID:	B17-3.5	Diln Fac:	1.000
Type:	SAMPLE	Sampled:	09/20/06
Lab ID:	189619-005	Analyzed:	09/28/06

Analyte	Result	RL
Diesel C10-C24	25 H Y	0.99
Motor Oil C24-C36	120 H	5.0

Surrogate	%REC	Limits
Hexacosane	92	48-130

Field ID:	B18-2.0	Diln Fac:	10.00
Type:	SAMPLE	Sampled:	09/20/06
Lab ID:	189619-007	Analyzed:	09/28/06

Analyte	Result	RL
Diesel C10-C24	52 H Y	10
Motor Oil C24-C36	620 H	50

Surrogate	%REC	Limits
Hexacosane	DO	48-130

Field ID:	B19-2.0	Diln Fac:	10.00
Type:	SAMPLE	Sampled:	09/20/06
Lab ID:	189619-009	Analyzed:	09/28/06

Analyte	Result	RL
Diesel C10-C24	140 H Y	10
Motor Oil C24-C36	830 H	50

Surrogate	%REC	Limits
Hexacosane	DO	48-130

Field ID:	B20-2.0	Diln Fac:	10.00
Type:	SAMPLE	Sampled:	09/20/06
Lab ID:	189619-012	Analyzed:	10/02/06

Analyte	Result	RL
Diesel C10-C24	1,300 H Y	10
Motor Oil C24-C36	4,400	50

Surrogate	%REC	Limits
Hexacosane	DO	48-130

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	117839
Units:	mg/Kg	Received:	09/22/06
Basis:	as received	Prepared:	09/26/06

Field ID:	B21-2.0	Diln Fac:	3.000
Type:	SAMPLE	Sampled:	09/20/06
Lab ID:	189619-014	Analyzed:	09/28/06

Analyte	Result	RL
Diesel C10-C24	27 H Y	3.0
Motor Oil C24-C36	170 H	15

Surrogate	%REC	Limits
Hexacosane	67	48-130

Field ID:	B22-2.0	Diln Fac:	2.000
Type:	SAMPLE	Sampled:	09/20/06
Lab ID:	189619-016	Analyzed:	09/28/06

Analyte	Result	RL
Diesel C10-C24	230 H Y	22
Motor Oil C24-C36	1,900 H	110

Surrogate	%REC	Limits
Hexacosane	DO	48-130

Field ID:	B23-2.0	Diln Fac:	3.000
Type:	SAMPLE	Sampled:	09/21/06
Lab ID:	189619-018	Analyzed:	09/28/06

Analyte	Result	RL
Diesel C10-C24	42 H Y	3.0
Motor Oil C24-C36	270 H	15

Surrogate	%REC	Limits
Hexacosane	98	48-130

Field ID:	B24-2.0	Diln Fac:	10.00
Type:	SAMPLE	Sampled:	09/21/06
Lab ID:	189619-020	Analyzed:	09/28/06

Analyte	Result	RL
Diesel C10-C24	85 H Y	10
Motor Oil C24-C36	710 H	50

Surrogate	%REC	Limits
Hexacosane	DO	48-130

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	117839
Units:	mg/Kg	Received:	09/22/06
Basis:	as received	Prepared:	09/26/06

Type:	BLANK	Analyzed:	09/28/06
Lab ID:	QC357778	Cleanup Method:	EPA 3630C
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	96	48-130

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC357779	Batch#:	117839
Matrix:	Soil	Prepared:	09/26/06
Units:	mg/Kg	Analyzed:	09/28/06
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.51	44.31	88	59-133

Surrogate	%REC	Limits
Hexacosane	91	48-130

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Batch QC Report

Total Extractable Hydrocarbons

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	B23-2.0	Batch#:	117839
MSS Lab ID:	189619-018	Sampled:	09/21/06
Matrix:	Soil	Received:	09/22/06
Units:	mg/Kg	Prepared:	09/26/06
Basis:	as received	Analyzed:	09/28/06
Diln Fac:	3.000		

Type: MS Lab ID: QC357780

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	41.65	49.56	75.67	69	37-153

Surrogate	%REC	Limits
Hexacosane	92	48-130

Type: MSD Lab ID: QC357781

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.14	68.31	53	37-153	11	43

Surrogate	%REC	Limits
Hexacosane	84	48-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B17-W	Batch#:	117758
Lab ID:	189619-001	Sampled:	09/20/06
Matrix:	Water	Received:	09/22/06
Units:	ug/L	Analyzed:	09/25/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	128	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	117	80-122

ND= Not Detected
RL= Reporting Limit

10.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B19-W	Batch#:	117758
Lab ID:	189619-002	Sampled:	09/20/06
Matrix:	Water	Received:	09/22/06
Units:	ug/L	Analyzed:	09/25/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	126	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	119	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B22-W	Batch#:	117825
Lab ID:	189619-003	Sampled:	09/20/06
Matrix:	Water	Received:	09/22/06
Units:	ug/L	Analyzed:	09/26/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	117	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	117	80-122

ND= Not Detected
RL= Reporting Limit

12.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B23-W	Batch#:	117825
Lab ID:	189619-004	Sampled:	09/21/06
Matrix:	Water	Received:	09/22/06
Units:	ug/L	Analyzed:	09/26/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	121	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	117	80-122

ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	117758
Units:	ug/L	Analyzed:	09/25/06
Diln Fac:	1.000		

Type: BS Lab ID: QC357419

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	26.22	105	77-128
Trichloroethene	25.00	25.05	100	80-120
Chlorobenzene	25.00	24.94	100	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	97	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	101	80-122

Type: BSD Lab ID: QC357420

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	26.24	105	77-128	0	20
Trichloroethene	25.00	24.18	97	80-120	4	20
Chlorobenzene	25.00	24.04	96	80-120	4	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	105	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	101	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC357421	Batch#:	117758
Matrix:	Water	Analyzed:	09/25/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	117	80-130
Toluene-d8	98	80-120
Bromofluorobenzene	115	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	117825
Units:	ug/L	Analyzed:	09/26/06
Diln Fac:	1.000		

Type: BS Lab ID: QC357701

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	30.51	122	77-128
Trichloroethene	25.00	26.92	108	80-120
Chlorobenzene	25.00	24.55	98	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	92	80-130
Toluene-d8	98	80-120
Bromofluorobenzene	99	80-122

Type: BSD Lab ID: QC357702

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	31.72	127	77-128	4	20
Trichloroethene	25.00	26.74	107	80-120	1	20
Chlorobenzene	25.00	23.61	94	80-120	4	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	103	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	101	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC357703	Batch#:	117825
Matrix:	Water	Analyzed:	09/26/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	113	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	115	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	B25-COMPOSITE	Batch#:	117804
Lab ID:	189619-027	Sampled:	09/21/06
Matrix:	Soil	Received:	09/22/06
Units:	ug/Kg	Prepared:	09/26/06
Basis:	as received	Analyzed:	09/28/06
Diln Fac:	2.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	3,300
Phenol	5,700	3,300
bis(2-Chloroethyl)ether	ND	3,300
2-Chlorophenol	ND	3,300
1,3-Dichlorobenzene	ND	3,300
1,4-Dichlorobenzene	ND	3,300
Benzyl alcohol	ND	3,300
1,2-Dichlorobenzene	ND	3,300
2-Methylphenol	ND	3,300
bis(2-Chloroisopropyl) ether	ND	3,300
4-Methylphenol	ND	3,300
N-Nitroso-di-n-propylamine	ND	3,300
Hexachloroethane	ND	3,300
Nitrobenzene	ND	3,300
Isophorone	ND	3,300
2-Nitrophenol	ND	6,600
2,4-Dimethylphenol	ND	3,300
Benzoic acid	ND	17,000
bis(2-Chloroethoxy)methane	ND	3,300
2,4-Dichlorophenol	ND	3,300
1,2,4-Trichlorobenzene	ND	3,300
Naphthalene	ND	660
4-Chloroaniline	ND	3,300
Hexachlorobutadiene	ND	3,300
4-Chloro-3-methylphenol	ND	3,300
2-Methylnaphthalene	ND	660
Hexachlorocyclopentadiene	ND	6,600
2,4,6-Trichlorophenol	ND	3,300
2,4,5-Trichlorophenol	ND	3,300
2-Chloronaphthalene	ND	3,300
2-Nitroaniline	ND	6,600
Dimethylphthalate	ND	3,300
Acenaphthylene	ND	660
2,6-Dinitrotoluene	ND	3,300
3-Nitroaniline	ND	6,600
Acenaphthene	ND	660
2,4-Dinitrophenol	ND	6,600
4-Nitrophenol	ND	6,600
Dibenzofuran	ND	3,300
2,4-Dinitrotoluene	ND	3,300
Diethylphthalate	ND	3,300
Fluorene	ND	660
4-Chlorophenyl-phenylether	ND	3,300
4-Nitroaniline	ND	6,600
4,6-Dinitro-2-methylphenol	ND	6,600
N-Nitrosodiphenylamine	ND	3,300
Azobenzene	ND	3,300
4-Bromophenyl-phenylether	ND	3,300
Hexachlorobenzene	ND	3,300
Pentachlorophenol	ND	6,600
Phenanthrene	ND	660
Anthracene	ND	660

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	B25-COMPOSITE	Batch#:	117804
Lab ID:	189619-027	Sampled:	09/21/06
Matrix:	Soil	Received:	09/22/06
Units:	ug/Kg	Prepared:	09/26/06
Basis:	as received	Analyzed:	09/28/06
Diln Fac:	2.000		

Analyte	Result	RL
Di-n-butylphthalate	ND	3,300
Fluoranthene	ND	660
Pyrene	ND	660
Butylbenzylphthalate	ND	3,300
3,3'-Dichlorobenzidine	ND	6,600
Benzo(a)anthracene	ND	660
Chrysene	ND	660
bis(2-Ethylhexyl)phthalate	ND	3,300
Di-n-octylphthalate	ND	3,300
Benzo(b)fluoranthene	ND	660
Benzo(k)fluoranthene	ND	660
Benzo(a)pyrene	ND	660
Indeno(1,2,3-cd)pyrene	ND	660
Dibenz(a,h)anthracene	ND	660
Benzo(g,h,i)perylene	ND	660

Surrogate	%REC	Limits
2-Fluorophenol	DO	38-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	30-120
Nitrobenzene-d5	DO	46-120
2-Fluorobiphenyl	DO	49-120
Terphenyl-d14	DO	36-120

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

18.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC357623	Batch#:	117804
Matrix:	Soil	Prepared:	09/26/06
Units:	ug/Kg	Analyzed:	09/26/06
Basis:	as received		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	66
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	66
Hexachlorocyclopentadiene	ND	660
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	660
Dimethylphthalate	ND	330
Acenaphthylene	ND	66
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	660
Acenaphthene	ND	66
2,4-Dinitrophenol	ND	660
4-Nitrophenol	ND	660
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	66
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	660
4,6-Dinitro-2-methylphenol	ND	660
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	660
Phenanthrene	ND	66
Anthracene	ND	66
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC357623	Batch#:	117804
Matrix:	Soil	Prepared:	09/26/06
Units:	ug/Kg	Analyzed:	09/26/06
Basis:	as received		

Analyte	Result	RL
Fluoranthene	ND	66
Pyrene	ND	66
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	660
Benzo(a)anthracene	ND	66
Chrysene	ND	66
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	66
Benzo(k)fluoranthene	ND	66
Benzo(a)pyrene	ND	66
Indeno(1,2,3-cd)pyrene	ND	66
Dibenz(a,h)anthracene	ND	66
Benzo(g,h,i)perylene	ND	66

Surrogate	%REC	Limits
2-Fluorophenol	75	38-120
Phenol-d5	74	36-120
2,4,6-Tribromophenol	66	30-120
Nitrobenzene-d5	79	46-120
2-Fluorobiphenyl	86	49-120
Terphenyl-d14	76	36-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC357624	Batch#:	117804
Matrix:	Soil	Prepared:	09/26/06
Units:	ug/Kg	Analyzed:	09/26/06
Basis:	as received		

Analyte	Spiked	Result	%REC	Limits
Phenol	3,322	2,623	79	40-120
2-Chlorophenol	3,322	2,614	79	47-120
1,4-Dichlorobenzene	1,661	1,368	82	49-120
N-Nitroso-di-n-propylamine	1,661	1,421	86	40-120
1,2,4-Trichlorobenzene	1,661	1,392	84	50-120
4-Chloro-3-methylphenol	3,322	2,666	80	49-120
Acenaphthene	1,661	1,446	87	50-120
4-Nitrophenol	3,322	2,602	78	31-120
2,4-Dinitrotoluene	1,661	1,443	87	47-120
Pentachlorophenol	3,322	2,423	73	23-120
Pyrene	1,661	1,400	84	48-120

Surrogate	%REC	Limits
2-Fluorophenol	78	38-120
Phenol-d5	77	36-120
2,4,6-Tribromophenol	80	30-120
Nitrobenzene-d5	83	46-120
2-Fluorobiphenyl	87	49-120
Terphenyl-d14	79	36-120

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	ZZZZZZZZZZ	Batch#:	117804
MSS Lab ID:	189509-006	Sampled:	09/18/06
Matrix:	Soil	Received:	09/19/06
Units:	ug/Kg	Prepared:	09/26/06
Basis:	as received	Analyzed:	09/27/06
Diln Fac:	1.000		

Type: MS Lab ID: QC357625

Analyte	MSS Result	Spiked	Result	%REC	Limits
Phenol	<36.28	3,348	2,673	80	39-120
2-Chlorophenol	<68.22	3,348	2,641	79	45-120
1,4-Dichlorobenzene	<36.18	1,674	1,355	81	47-120
N-Nitroso-di-n-propylamine	<32.58	1,674	1,430	85	37-120
1,2,4-Trichlorobenzene	<34.42	1,674	1,388	83	45-120
4-Chloro-3-methylphenol	<70.05	3,348	2,691	80	46-120
Acenaphthene	<30.79	1,674	1,444	86	47-120
4-Nitrophenol	<65.67	3,348	2,699	81	30-120
2,4-Dinitrotoluene	<29.61	1,674	1,443	86	41-120
Pentachlorophenol	<127.9	3,348	1,367	41	22-120
Pyrene	<33.66	1,674	1,384	83	41-126

Surrogate	%REC	Limits
2-Fluorophenol	80	38-120
Phenol-d5	78	36-120
2,4,6-Tribromophenol	75	30-120
Nitrobenzene-d5	84	46-120
2-Fluorobiphenyl	85	49-120
Terphenyl-d14	78	36-120

Type: MSD Lab ID: QC357626

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	3,381	2,637	78	39-120	2	23
2-Chlorophenol	3,381	2,606	77	45-120	2	24
1,4-Dichlorobenzene	1,690	1,354	80	47-120	1	25
N-Nitroso-di-n-propylamine	1,690	1,421	84	37-120	2	27
1,2,4-Trichlorobenzene	1,690	1,404	83	45-120	0	23
4-Chloro-3-methylphenol	3,381	2,667	79	46-120	2	24
Acenaphthene	1,690	1,426	84	47-120	2	26
4-Nitrophenol	3,381	2,697	80	30-120	1	28
2,4-Dinitrotoluene	1,690	1,432	85	41-120	2	24
Pentachlorophenol	3,381	1,313	39	22-120	5	44
Pyrene	1,690	1,385	82	41-126	1	33

Surrogate	%REC	Limits
2-Fluorophenol	79	38-120
Phenol-d5	77	36-120
2,4,6-Tribromophenol	73	30-120
Nitrobenzene-d5	84	46-120
2-Fluorobiphenyl	85	49-120
Terphenyl-d14	76	36-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Nickel

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Nickel	Batch#:	117793
Matrix:	Soil	Sampled:	09/20/06
Units:	mg/Kg	Received:	09/22/06
Basis:	as received	Prepared:	09/25/06
Diln Fac:	1.000	Analyzed:	09/26/06

Field ID	Type	Lab ID	Result	RL
B19-2.0	SAMPLE	189619-009	100	1.0
B19-4.0	SAMPLE	189619-010	55	1.0
B19-6.0	SAMPLE	189619-011	41	1.0
B20-2.0	SAMPLE	189619-012	37	1.0
B20-4.0	SAMPLE	189619-013	48	1.0
B21-2.0	SAMPLE	189619-014	36	1.0
B21-4.0	SAMPLE	189619-015	46	1.0
B22-2.0	SAMPLE	189619-016	55	1.0
B22-4.0	SAMPLE	189619-017	73	1.0
	BLANK	QC357577	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Nickel

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Nickel	Diln Fac:	1.000
Field ID:	B17-3.5	Batch#:	117793
MSS Lab ID:	189619-005	Sampled:	09/20/06
Matrix:	Soil	Received:	09/22/06
Units:	mg/Kg	Prepared:	09/25/06
Basis:	as received	Analyzed:	09/26/06

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC357578		25.00	26.02	104	80-120		
BSD	QC357579		25.00	26.13	105	80-120	0	20
MS	QC357580	51.29	22.52	66.24	66	48-132		
MSD	QC357581		24.75	71.08	80	48-132	4	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Lead

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	117793
Matrix:	Soil	Received:	09/22/06
Units:	mg/Kg	Prepared:	09/25/06
Basis:	as received	Analyzed:	09/26/06

Field ID	Type	Lab ID	Result	RL	Diln Fac	Sampled
B17-3.5	SAMPLE	189619-005	33	0.15	1.000	09/20/06
B17-6.0	SAMPLE	189619-006	5.3	0.15	1.000	09/20/06
B18-2.0	SAMPLE	189619-007	26	0.15	1.000	09/20/06
B18-4.0	SAMPLE	189619-008	130	0.15	1.000	09/20/06
B19-2.0	SAMPLE	189619-009	150	0.15	1.000	09/20/06
B19-4.0	SAMPLE	189619-010	450	0.15	1.000	09/20/06
B19-6.0	SAMPLE	189619-011	5.2	0.15	1.000	09/20/06
B20-2.0	SAMPLE	189619-012	31	0.15	1.000	09/20/06
B20-4.0	SAMPLE	189619-013	10	0.15	1.000	09/20/06
B21-2.0	SAMPLE	189619-014	23	0.15	1.000	09/20/06
B21-4.0	SAMPLE	189619-015	770	0.57	5.000	09/20/06
B22-2.0	SAMPLE	189619-016	7.5	0.15	1.000	09/20/06
B22-4.0	SAMPLE	189619-017	460	0.15	1.000	09/20/06
B23-2.0	SAMPLE	189619-018	23	0.15	1.000	09/21/06
B23-4.0	SAMPLE	189619-019	6.0	0.15	1.000	09/21/06
B24-2.0	SAMPLE	189619-020	32	0.15	1.000	09/21/06
B24-4.0	SAMPLE	189619-021	2.5	0.15	1.000	09/21/06
B25-5.0	SAMPLE	189619-022	24	0.15	1.000	09/21/06
B25-10.0	SAMPLE	189619-023	260	0.15	1.000	09/21/06
B25-15.0	SAMPLE	189619-024	12	0.15	1.000	09/21/06
	BLANK	QC357577	ND	0.15	1.000	

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Lead

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Field ID:	B17-3.5	Batch#:	117793
MSS Lab ID:	189619-005	Sampled:	09/20/06
Matrix:	Soil	Received:	09/22/06
Units:	mg/Kg	Prepared:	09/25/06
Basis:	as received	Analyzed:	09/26/06

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC357578		100.0	103.5	103	80-120		
BSD	QC357579		100.0	104.7	105	80-120	1	20
MS	QC357580	33.15	90.09	102.0	76	57-120		
MSD	QC357581		99.01	108.5	76	57-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 189619		Project#:	STANDARD
Client: ACC Environmental Consultants		Location:	2660 Eden Road
Field ID:	B25-COMPOSITE	Basis:	as received
Lab ID:	189619-027	Diln Fac:	1.000
Matrix:	Soil	Sampled:	09/21/06
Units:	mg/Kg	Received:	09/22/06

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	3.0	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Arsenic	3.4	0.25	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Barium	63	0.50	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Beryllium	0.36	0.10	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Chromium	71	0.50	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Cobalt	8.7	1.0	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Copper	25	0.50	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Lead	4.9	0.15	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Mercury	0.25	0.020	117777	09/25/06	09/25/06	METHOD	EPA 7471A
Molybdenum	ND	1.0	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Nickel	59	1.0	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Selenium	0.69	0.25	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Silver	ND	0.25	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Thallium	ND	0.25	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Vanadium	47	0.50	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B
Zinc	51	1.0	117840	09/26/06	09/27/06	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7471A
Analyte:	Mercury	Basis:	as received
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC357500	Batch#:	117777
Matrix:	Soil	Prepared:	09/25/06
Units:	mg/Kg	Analyzed:	09/25/06

Result	RL
ND	0.020

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Matrix:	Soil	Batch#:	117777
Units:	mg/Kg	Prepared:	09/25/06
Basis:	as received	Analyzed:	09/25/06

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC357501	0.5000	0.5070	101	80-120		
BSD	QC357502	0.5000	0.5130	103	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	117777
MSS Lab ID:	189543-001	Sampled:	09/19/06
Matrix:	Soil	Received:	09/20/06
Units:	mg/Kg	Prepared:	09/25/06
Basis:	as received	Analyzed:	09/25/06

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC357503	0.1310	0.4808	0.5721	92	54-154		
MSD	QC357504		0.4808	0.6308	104	54-154	10	28

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC357783	Batch#:	117840
Matrix:	Soil	Prepared:	09/26/06
Units:	mg/Kg	Analyzed:	09/27/06
Basis:	as received		

Analyte	Result	RL
Antimony	ND	3.0
Arsenic	ND	0.25
Barium	ND	0.50
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.50
Cobalt	ND	1.0
Copper	ND	0.50
Lead	ND	0.15
Molybdenum	ND	1.0
Nickel	ND	1.0
Selenium	ND	0.25
Silver	ND	0.25
Thallium	ND	0.25
Vanadium	ND	0.50
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	117840
Units:	mg/Kg	Prepared:	09/26/06
Basis:	as received	Analyzed:	09/27/06
Diln Fac:	1.000		

Type: BS Lab ID: QC357784

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	105.5	105	80-120
Arsenic	50.00	53.68	107	80-120
Barium	100.0	106.5	106	80-120
Beryllium	2.500	2.839	114	80-120
Cadmium	10.00	11.19	112	80-120
Chromium	100.0	104.6	105	80-120
Cobalt	25.00	26.22	105	80-120
Copper	12.50	12.95	104	80-120
Lead	100.0	106.3	106	80-120
Molybdenum	20.00	23.52	118	80-120
Nickel	25.00	27.06	108	80-120
Selenium	50.00	53.71	107	80-120
Silver	10.00	10.37	104	80-120
Thallium	50.00	53.24	106	80-120
Vanadium	25.00	26.84	107	80-120
Zinc	25.00	27.63	111	80-120

Type: BSD Lab ID: QC357785

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	106.1	106	80-120	1	20
Arsenic	50.00	53.23	106	80-120	1	20
Barium	100.0	106.6	107	80-120	0	20
Beryllium	2.500	2.852	114	80-120	0	20
Cadmium	10.00	11.20	112	80-120	0	20
Chromium	100.0	105.0	105	80-120	0	20
Cobalt	25.00	26.23	105	80-120	0	20
Copper	12.50	12.95	104	80-120	0	20
Lead	100.0	105.6	106	80-120	1	20
Molybdenum	20.00	23.32	117	80-120	1	20
Nickel	25.00	26.89	108	80-120	1	20
Selenium	50.00	54.72	109	80-120	2	20
Silver	10.00	10.31	103	80-120	0	20
Thallium	50.00	52.97	106	80-120	0	20
Vanadium	25.00	26.70	107	80-120	1	20
Zinc	25.00	27.57	110	80-120	0	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	189619	Location:	2660 Eden Road
Client:	ACC Environmental Consultants	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	117840
MSS Lab ID:	189616-001	Sampled:	09/22/06
Matrix:	Soil	Received:	09/22/06
Units:	mg/Kg	Prepared:	09/26/06
Basis:	as received	Analyzed:	09/27/06
Diln Fac:	1.000		

Type: MS Lab ID: QC357786

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	0.4384	93.46	43.09	46	1-126
Arsenic	9.458	46.73	55.83	99	74-120
Barium	90.22	93.46	178.8	95	53-134
Beryllium	0.4106	2.336	2.815	103	78-120
Cadmium	0.2789	9.346	9.086	94	71-120
Chromium	55.09	93.46	142.0	93	64-120
Cobalt	8.975	23.36	30.07	90	64-120
Copper	23.58	11.68	38.08	124	56-139
Lead	17.32	93.46	99.70	88	57-120
Molybdenum	0.8498	18.69	18.89	97	68-120
Nickel	72.10	23.36	98.42	113	48-132
Selenium	0.7564	46.73	44.96	95	72-120
Silver	<0.04242	9.346	6.727	72	67-120
Thallium	<0.02992	46.73	40.17	86	69-120
Vanadium	37.73	23.36	62.43	106	55-134
Zinc	66.17	23.36	114.3	206 *	46-133

Type: MSD Lab ID: QC357787

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	91.74	42.16	45	1-126	0	21
Arsenic	45.87	52.90	95	74-120	4	20
Barium	91.74	179.3	97	53-134	1	20
Beryllium	2.294	2.751	102	78-120	1	20
Cadmium	9.174	8.923	94	71-120	0	20
Chromium	91.74	152.4	106	64-120	8	20
Cobalt	22.94	31.27	97	64-120	5	20
Copper	11.47	37.42	121	56-139	1	20
Lead	91.74	98.01	88	57-120	0	20
Molybdenum	18.35	18.59	97	68-120	0	20
Nickel	22.94	153.1	353 *	48-132	44 *	20
Selenium	45.87	44.63	96	72-120	1	20
Silver	9.174	6.508	71	67-120	1	20
Thallium	45.87	39.34	86	69-120	0	20
Vanadium	22.94	64.22	115	55-134	4	20
Zinc	22.94	100.1	148 *	46-133	13	20

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

CHAIN OF CUSTODY

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

C&T LOGIN # 189619

Project No: 6755-003.02
Project Name: 2660 Eden Road
Project P.O.:
Turnaround Time: 5 day (NORMAL)

Sampler: Dave DeMent (DRD)
Report To: ddement@Accenv.com
Company: ACC Environmental
Telephone: (510) 638-8400 X109
Fax: (510) 638-8404

Analyses

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	TEPH	HVOCs	TTLC LEAD	TTLC Nickel	TEPH	HOLD
-1	B17-W	9/20/06 10:50		X		3	X			X	X	X				
-2	B19-W	9/20/06 17:10		X		3	X			X	X	X				
-3	B22-W	9/20/06 16:15		X		3	X			X	X	X				
4	B23-W	9/21/06 9:45		X		3	X			X	X	X				
-1	B23-W	" 9:45		X		1										X
-5	B17-3.5	9/20/06 * 9:20	X			1				X			X		X	
-6	B17-6.0	9:45	X			1				X			X			
-7	B18-2.0	11:20	X			1				X			X		X	
-8	B18-4.0	11:20	X			1				X			X			
-9	B19-2.0	13:20	X			1				X			X	*Delete	X	
-10	B19-4.0	** 13:20	X			1				X			X	X		
-11	B19-6.0	*** 13:30	X			1				X			X	X		

Notes:
* Time on label = 9:00
** = 13:30
*** = 13:40

RELINQUISHED BY:
Dan Dent 9/22/06 DATE/TIME
DATE/TIME
DATE/TIME

RECEIVED BY:
Ruby 9/22/06 1322 DATE/TIME
DATE/TIME
DATE/TIME

intact cold Ru

CHAIN OF CUSTODY

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

C&T LOGIN # 189619

Project No: 6755-003.02
Project Name: 2660 Eden Road
Project P.O.:
Turnaround Time: 5 day (NORMAL)

Sampler: Dave DeMent (DRD)
Report To: ddement@accenv.com
Company: ACC Environmental
Telephone:
Fax:

Analyses

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	TEPH	HVOCs	TTLC LEAD	TTLC NICKEL	CAM 17 METALS	SVOCs	TEPH
-12	B20-2.0	9/20/06 13:55	X			1				X			X	X			X
-13	B20-4.0	13:55	X			1				X			X	X			
-14	B21-2.0	14:15	X			1				X			X	X			X
-15	B21-4.0 *	14:15	X			1				X			X	X			
-16	B22-2.0	14:30	X			1				X			X	X			X
-17	B22-4.0	14:30	X			X 2 9-22-06				X			X	X			
-18	B23-2.0	9/21/06 8:35	X			1				X			X				X
-19	B23-4.0	8:35	X			1				X			X				
-20	B24-2.0	10:05	X			1				X			X				X
-21	B24-4.0	10:05	X			1				X			X				
-22	B25-5.0	10:30	X			1				X			X		X	X	
-23	B25-10.0	10:35	X			1				X			X		X	X	
-24	B25-15.0	10:40	X			1				X			X		X	X	
-25	B25-19.5	10:50	X			1				X			X		X	X	
-26	B17-8.0	9-20-06 9:45															

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Notes:
*ID on label = B21-3.5

RELINQUISHED BY:
Dave DeMent 9/22/06 DATE/TIME
DATE/TIME
DATE/TIME

RECEIVED BY:
[signature] 9/22/06 1322 DATE/TIME
DATE/TIME
DATE/TIME

intact cold RC