



July 14, 2006

Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
Attn: Donna Borgos

Subject: Phase II Subsurface Investigation
2200 – 2222 Wood Street
Oakland, CA
AEI Project No. 117544

Alameda County
JUL 18 2006
Environmental Health

Dear Alameda County:

Enclosed is a copy of the completed Phase II report for the above-referenced subject property. The reason we're sending you this report is because we detected elevated concentrations of diesel and motor oil in the groundwater beneath the site. Please let us know if the site is going to require further investigation. Thanks!

In the meantime, if you have any questions, please contact me at (925) 283-6000 extension 132.

Sincerely,

Adrian M. Angel
Project Geologist



July 5, 2006

Alameda County Health Care Services Agency
1000 San Leandro Blvd., #300
San Leandro, CA 94577

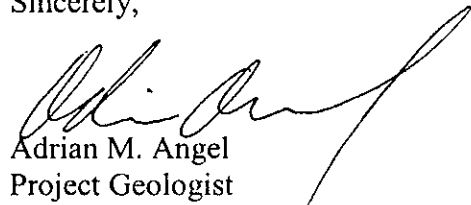
Subject: Phase II Subsurface Investigation
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Adrian M. Angel
Project Geologist

June 30, 2006

**PHASE II SUBSURFACE
INVESTIGATION REPORT**

2200 – 2222 Wood Street
Oakland, California 94607

Project No. 117544

Prepared For

Mr. Scott Von Der Lohe
Bank of the West
1400 River Park Drive, #200
Sacramento, CA 95815

Alameda County
JUL 18 2006
Environmental Health

Prepared By

AEI Consultants
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597
(925) 283-6000

AEI

June 30, 2006

Mr. Scott Von Der Lohe
Bank of the West
1400 River Park Drive, #200
Sacramento, CA 95815

Subject: Phase II Subsurface Investigation
2200 – 2222 Wood Street
Oakland, CA 94607
AEI Project No. 117544

Dear Mr. Von Der Lohe:

The following report describes the activities and results of the subsurface investigation performed by AEI Consultants at the above referenced property (Figure 1: Site Location Map). The investigation included the analyses of soil and groundwater samples from four (4) soil borings advanced on the property. The scope of work was requested by the client to evaluate whether the property had been significantly impacted by historical site activities, which includes a documented release of hazardous materials, along with long-term usage of the property for machining, vulcanizing, and furniture manufacturing.

I Site Description and Background

The subject property (hereinafter referred to as the “site” or “property”) is located on the east corner of Wood Street and West Grand Avenue in a commercial and light industrial area of Oakland. The property totals approximately 28,817 square feet and is improved with a single-story iron frame building and a two-story brick building totaling approximately 12,800 square feet. The buildings are occupied by Soundwave Studios and consist of offices and audio rehearsal studios.

AEI Consultants completed a *Phase I Environmental Site Assessment (ESA)* for the property, dated May 25, 2006. The ESA noted the following recognized environmental concerns, which are discussed below.

According to files reviewed at the Oakland Fire Department (OFD), in 1989, a complaint was filed against the former tenant, People Ridesharing Systems, for dumping anti-freeze into the sewer and having overflowing waste oil drums with absorbent on the floor. During an inspection, six drums were found in the fenced off parking area of the subject property, appearing to contain waste oil. Two of the drums were lacking caps. The drums were quarantined by the Alameda County Environmental Health Services Department (ACEHSD) and laboratory results indicated two of the drums contained a mixture of waste oil and water, and one contained oil contaminated absorbent. These drums were ordered by the ACEHSD to be removed from the

property by hazardous waste services. Other violations included lack of an EPA identification number, labeling violations, and the need for separate containment of coolant waste. The ACEHSD strongly recommended the installation of secondary containment for the hazardous waste storage area.

The property has historically been used for various industrial purposes since the 1940s. Onsite operations have included a machine shop and repair shop in the 1940s and 1950s, freight handling in the 1960s, tire vulcanizing in the 1970s, van pool repair in the late 1980s, and furniture manufacturing in the early 1990s. Hazardous materials such as cutting oils, solvents, and other petroleum based products and/or waste were likely used and/or generated during these periods of time. OFD records indicated that the vulcanizing operation utilized hazardous materials such as solvents, oils, spray cements, and tire shavings. The van pool repair facility questionnaire on file at the OFD reported the company handled more than 55-gallons per year of waste oil and waste solvent. The furniture manufacturing facility reportedly handled approximately 200-gallons of hazardous materials.

Based on the documented release and violations along with the history of hazardous materials use for approximately 50 years, the subsurface investigation was requested. Please refer to AEI's ESA, dated May 25, 2006, for more detailed information.

II Investigative Efforts

Prior to mobilization, Underground Service Alert (USA) North was notified to identify public utilities in the work area and a soil boring permit (W2006-0586) was obtained from the Alameda County Public Works Agency. Access to the property was authorized by Mr. Alan Lucchesi, owner of the property.

Soil Boring and Soil Sample Collection

AEI performed the subsurface investigation at the property on June 21, 2006. A total of four (4) soil borings were each advanced to shallow groundwater, located at a depth of 12 feet below ground surface (bgs). Two borings (SB-3 and SB-4) were advanced in the rear of the property, in the area of the reported historical drum storage, and two (SB-1 and SB-2) in the southwest parking lot, near the building. Locations of the soil borings are shown on Figure 2.

Drilling work was performed by Resonant Sonic International (RSI), California C57 license # 802334. The borings were advanced using a PowerProbe™ truck-mounted direct push drilling rig. Soil samples were field screened using a photo ionization detector (PID). No significant PID readings, petroleum odor and/or staining, were noted during sample collection from any of the borings. Field screening data is presented on the borings logs found in Appendix A.

The soil borings were continuously cored using a MacroCore drive sampler that contained 4-foot long, 1.5-inch diameter acrylic liners. A 6-inch sample was cut from the liners at selected depths. The ends of the selected sample were sealed with Teflon film and plastic end-caps, labeled with

unique identifiers, and placed in a cooler with water ice pending transportation to a state-certified laboratory. The remainder of the core was examined and described by an AEI geologist. The descriptions of the cores are included on the boring logs in Appendix A.

Groundwater Sample Collection

Groundwater was encountered in all of the borings at a depth of approximately 8 feet bgs. Upon encountering groundwater, a 3/4" poly-vinyl chloride (PVC) temporary casing was installed to maintain an open hole and facilitate collection of groundwater. The temporary casing consisted of one 5-foot slotted section of 0.010 inch and sections of blank 3/4-inch PVC casing. No sheen or petroleum odors were noted during groundwater collection. Depth to groundwater was measured at approximately 7 feet bgs once the temporary casings were inserted.

Groundwater samples were collected using new disposable 3/8-inch bailers. Each groundwater sample was collected into three 40 ml volatile organic analysis (VOA) vials and two 1-liter amber bottles. The groundwater samples were capped so that there was no headspace or visible air bubbles, and labeled with unique identifiers. The samples were then placed in a cooler with wet ice to await transportation to the laboratory.

Boring Destruction

Upon completion of sampling, the borings were sealed to the surface with neat cement grout to existing grade and topped with a cement patch.

Laboratory Analysis

Samples were transported on June 21, 2006 to McCampbell Analytical Inc. (Department of Health Services Certification #1644) for analysis under chain of custody protocol.

Two soil samples were analyzed for Total Petroleum Hydrocarbons (TPH) multi-range (gas/diesel/motor oil) by EPA Method 8015M. Four (4) groundwater samples were analyzed for TPH multi-range by EPA Method 8015M; Volatile Organic Compounds (VOCs) by EPA Method 8260; and Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270.

Remaining soil samples were placed on hold at the laboratory. Analytical reports and chain of custody documents are included as Appendix B.

III Findings

The near surface soil encountered in the borings generally consisted of gravelly clay overlying gravelly sand and silty clay. Saturated sediments were encountered at approximately 8 feet bgs within gravelly sand. Based on reports reviewed for nearby sites, the direction of groundwater flow beneath the property is inferred to be variable. However, based on topography, groundwater is assumed to flow in a westerly direction, toward San Francisco Bay. Refer to Attachment A for detailed logs of the borings.

Soil

Total Petroleum Hydrocarbons as gasoline (TPH-g) was detected in soil sample SB-4-2' at a concentration of 1.3 mg/kg.

No other TPH-g, Total Petroleum Hydrocarbons as diesel (TPH-d), Total Petroleum Hydrocarbons as motor oil (TPH-mo) were detected exceeding laboratory reporting limits in the rest of the soil samples analyzed. Soil sample analytical data is presented in Table 1.

Groundwater

TPH-d was detected in all of the groundwater samples (SB-1-W through SB-4-W) at concentrations of 1,500 µg/L, 120 µg/L, 350 µg/L, and 5,300 µg/L, respectively. TPH-mo was detected in all of the groundwater samples at concentrations of 2,200 µg/L, 500 µg/L, 970 µg/L, and 2,600 µg/L, respectively.

No other target analytes were detected exceeding laboratory reporting limits in the rest of the groundwater samples analyzed. Groundwater sample analytical data is presented in Table 1.

IV Summary and Conclusions

This investigation included the analyses of soil and groundwater samples from four (4) soil borings advanced on the property. The investigation was requested by the client to evaluate whether the property had been significantly impacted by historical site activities, which includes a documented release of hazardous materials, along with long-term usage of the property for machining, vulcanizing, and furniture manufacturing.

No indication of a VOC or SVOC release was identified in the soil and groundwater.

Elevated concentrations of TPH-d and TPH-mo were detected in all the groundwater samples analyzed. When comparing the TPH-d and TPH-mo concentrations with values presented in the RWQCB document *Screening for Environmental Concerns at Site with Contaminated Soil and Groundwater*, February 2005, two groundwater samples (SB-1-W and SB-4-W) exceed the environmental screening levels (ESLs) for commercial/industrial land use sites where groundwater is not a current or potential source of drinking water. Although these ESLs are not statutory cleanup goals, they are risk-based values that have been prepared to evaluate whether a particular contaminant presents possible risk.

The source of the diesel and motor oil was not identified in the soil samples analyzed; however, the source may be from the rear lot, where previous drums were stored, or an as of yet undocumented up-gradient release.

Based on the results of this investigation, a mid to heavy-range petroleum release has occurred on the property. The magnitude and extent of the pollution is unknown at this time. Because a release of petroleum products has been identified, the property owner should be aware of his obligation to report the release to the appropriate regulatory agency, namely, the Alameda County Health Care Services Agency. Further investigation of soil and groundwater would be required to evaluate the release.

VI Report Limitation

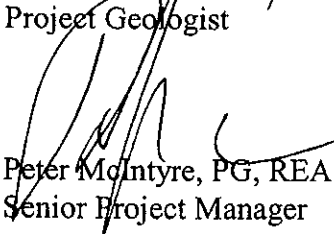
This report presents a summary of work completed by AEI Consultants. The completed work includes observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide the required information, but it cannot be assumed that they are representative of areas not sampled. All conclusions and/or recommendations are based on these analyses and observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document.

These services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work.

If you have any questions regarding our investigation, please do not hesitate to contact either of the undersigned at (925) 283-6000.

Sincerely,
AEI Consultants


Adrian Angel
Project Geologist


Peter McIntyre, PG, REA
Senior Project Manager



Figures

Figure 1: Site Location Map

Figure 2: Site Plan with Soil Borings

Tables

Table 1: Soil and Groundwater Sample Analytical Data

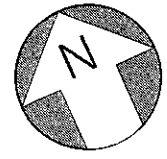
Appendix A

Soil Boring Logs

Appendix B

Sample Analytical and Chain of Custody Documentation

FIGURES



0' 15' 30'
Scale: 1" = 30'

Adjacent Property
2240 Wood Street

Wood Street

Soundview Studios
(2200 Wood Street)
Brick Building

Canopy

Rear Lot

Adjacent Property
1700 Wood Street

SB-2

Parking Lot

Iron Building

SB-3

SB-4

Drain

SB-1

West Grand
freeway onramp

AEI CONSULTANTS

2500 CAMINO DIABLO, # 200 WALNUT CREEK, CA

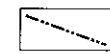
SITE PLAN

2200 - 2222 Wood Street
Oakland, California

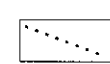
FIGURE 2
AEI Project # 117544

LEGEND

Drafted by: A. Angel



Subject Property Line



Area of former quarantined drums

◆ Soil Boring (06/21/06)

TABLES

Table 1
Soil and Groundwater Sample Analytical Data
Petroleum Hydrocarbons, VOCs and SVOCs

Sample ID	Date	TPH-g	TPH-d	TPH-mo	All VOCs	All SVOCs
		<i>EPA Method 8015C or 8015Cm</i>			<i>EPA Method 8270</i>	<i>EPA Method 8260</i>
<u>Soil</u>	-	<u>mg/kg</u>	<u>mg/kg</u>	<u>mg/kg</u>	<u>mg/kg</u>	<u>mg/kg</u>
SB-3-2'	6/21/06	<1.0	<1.0	<5.0	-	-
SB-4-2'	6/21/06	1.3	<1.0	<5.0	-	-
<u>Groundwater</u>	-	<u>µg/L</u>	<u>µg/L</u>	<u>µg/L</u>	<u>µg/L</u>	<u>µg/L</u>
SB-1-W	6/21/06	<50	1,500	2,200	<MDL	<MDL
SB-2-W	6/21/06	<50	120	500	<MDL	<MDL
SB-3-W	6/21/06	<50	350	970	<MDL	<MDL
SB-4-W	6/21/06	<50	5,300	2,600	<MDL	<MDL
ESLs ¹ (GW - µg/L)		400	500	1,000	-	-
RL	-	1.0/50	1.0/50	5.0/250	varies	varies

TPH-g = total petroleum hydrocarbons as gasoline

TPH-d = total petroleum hydrocarbons as diesel

TPH-mo = total petroleum hydrocarbons as motor oil

VOCs = volatile organic compounds

SVOCs = semi-volatile organic compounds

mg/kg = milligrams per kilogram (equivalent to parts per million)

µg/L = micrograms per Liter (equivalent to parts per billion)

RL = laboratory reporting limit (before any dilution) - see laboratory reports for sample specific dilution factors

SB = Soil boring

¹ - For Commercial/Industrial land use where groundwater is not a current or potential source of drinking water

GW = groundwater in units of µg/L

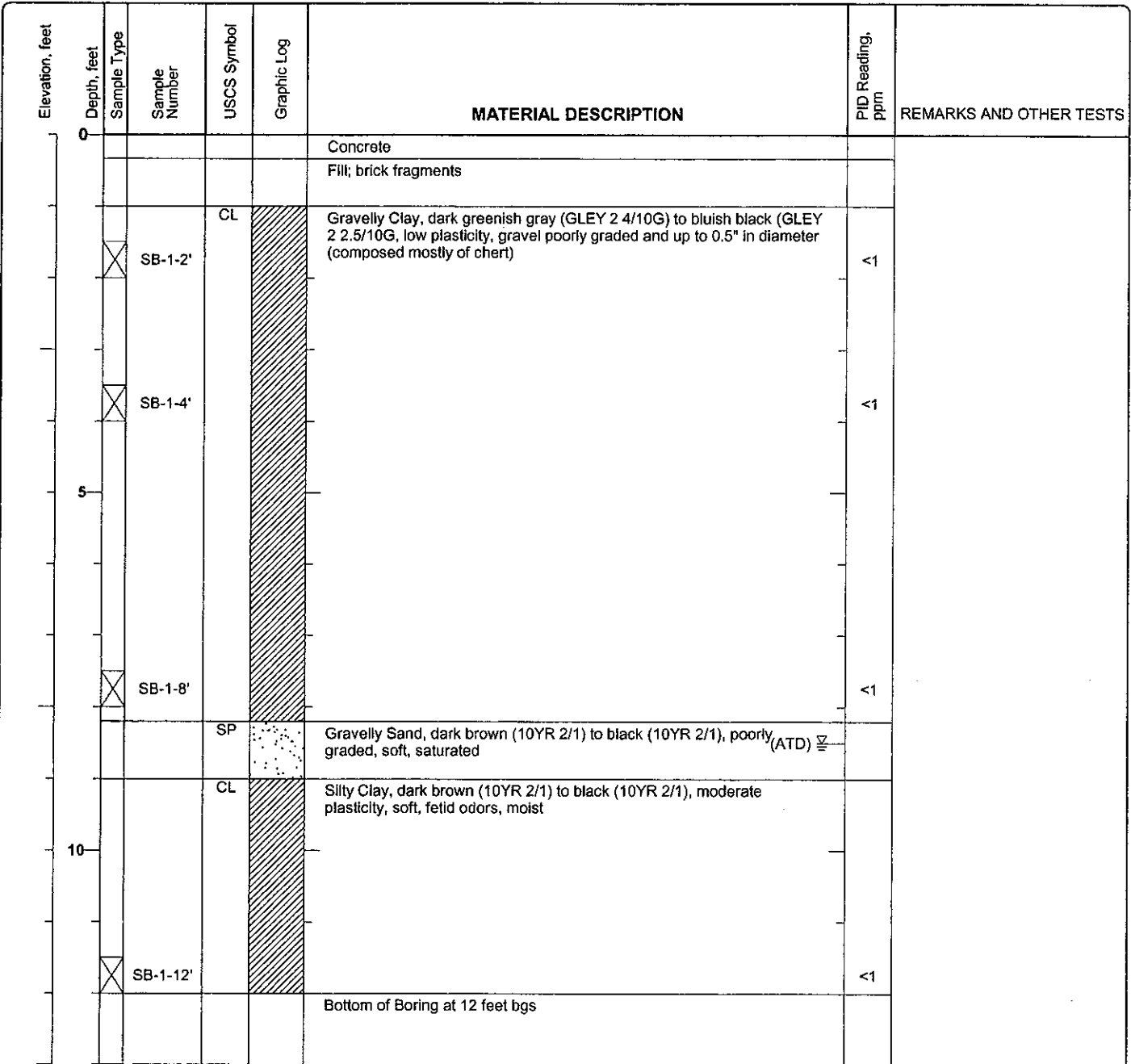
APPENDIX A

Soil Boring Logs

Project: Bank of the West
Project Location: 2200-2222 Wood Street, Oakland, CA
Project Number: 117198

Log of Boring SB-1
 Sheet 1 of 1

Date(s) Drilled	June 21, 2006	Logged By	Adrian Angel	Checked By	Peter McIntyre
Drilling Method	Direct Push	Drill Bit Size/Type	2 3/4 inch	Total Depth of Borehole	12 feet bgs
Drill Rig Type	PowerProbe	Drilling Contractor	RSI	Approximate Surface Elevation	
Groundwater Level and Date Measured	8.5 feet ATD	Sampling Method(s)	Tube	Well Permit.	
Borehole Backfill	Portland Cement	Location			



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




Figure

Project: Bank of the West
Project Location: 2200-2222 Wood Street, Oakland, CA
Project Number: 117198

Log of Boring SB-2
 Sheet 1 of 1

Date(s) Drilled	June 21, 2006	Logged By	Adrian Angel	Checked By	Peter McIntyre
Drilling Method	Direct Push	Drill Bit Size/Type	2 3/4 inch	Total Depth of Borehole	12 feet bgs
Drill Rig Type	PowerProbe	Drilling Contractor	RSI	Approximate Surface Elevation	
Groundwater Level and Date Measured	8 feet ATD	Sampling Method(s)	Tube	Well Permit.	
Borehole Backfill	Portland Cement	Location			

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\DUQUE DIL & Other\117544 PH II (BOW)\Oakland - AA117544.bgs (AEI\geoprobe 12.tpl)

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
0				CL		Concrete		
			SB-2-2'			Gravelly Clay, dark yellowish brown (10YR 4/4), low plasticity, gravel poorly graded and up to 0.3" in diameter (composed mostly of chert)	<1	
			SB-2-4'				<1	
			SB-2-8'			Gravelly Sand, dark brown (10YR 2/1) to black (10YR 2/1), poorly graded, soft, saturated	<1	(ATD) \bar{z}
			SB-2-12'	CL		Silty Clay, dark brown (10YR 2/1) to black (10YR 2/1), moderate plasticity, soft, fetid odors, moist	<1	
						Bottom of Boring at 12 feet bgs		

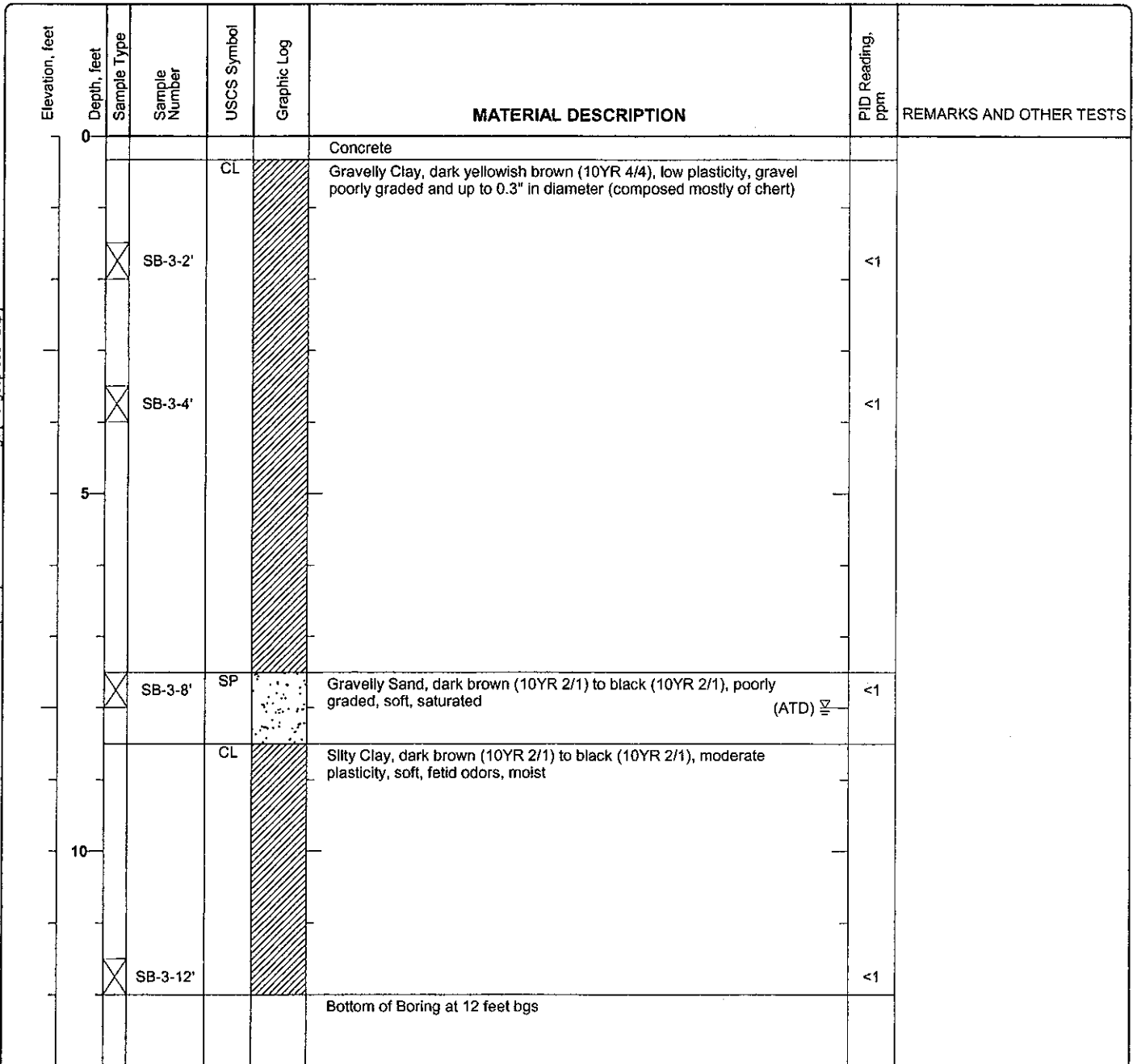
Figure

Project: Bank of the West
 Project Location: 2200-2222 Wood Street, Oakland, CA
 Project Number: 117198

Log of Boring SB-3
 Sheet 1 of 1

Date(s) Drilled	June 21, 2006	Logged By	Adrian Angel	Checked By	Peter McIntyre
Drilling Method	Direct Push	Drill Bit Size/Type	2 3/4 inch	Total Depth of Borehole	12 feet bgs
Drill Rig Type	PowerProbe	Drilling Contractor	RSI	Approximate Surface Elevation	
Groundwater Level and Date Measured	8 feet ATD	Sampling Method(s)	Tube	Well Permit.	
Borehole Backfill	Portland Cement	Location			

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\DUJUE DIL & Other\117544 PH II (BOW) Oakland - AA117544.bgs [AEI geoprobe 12.lpt]

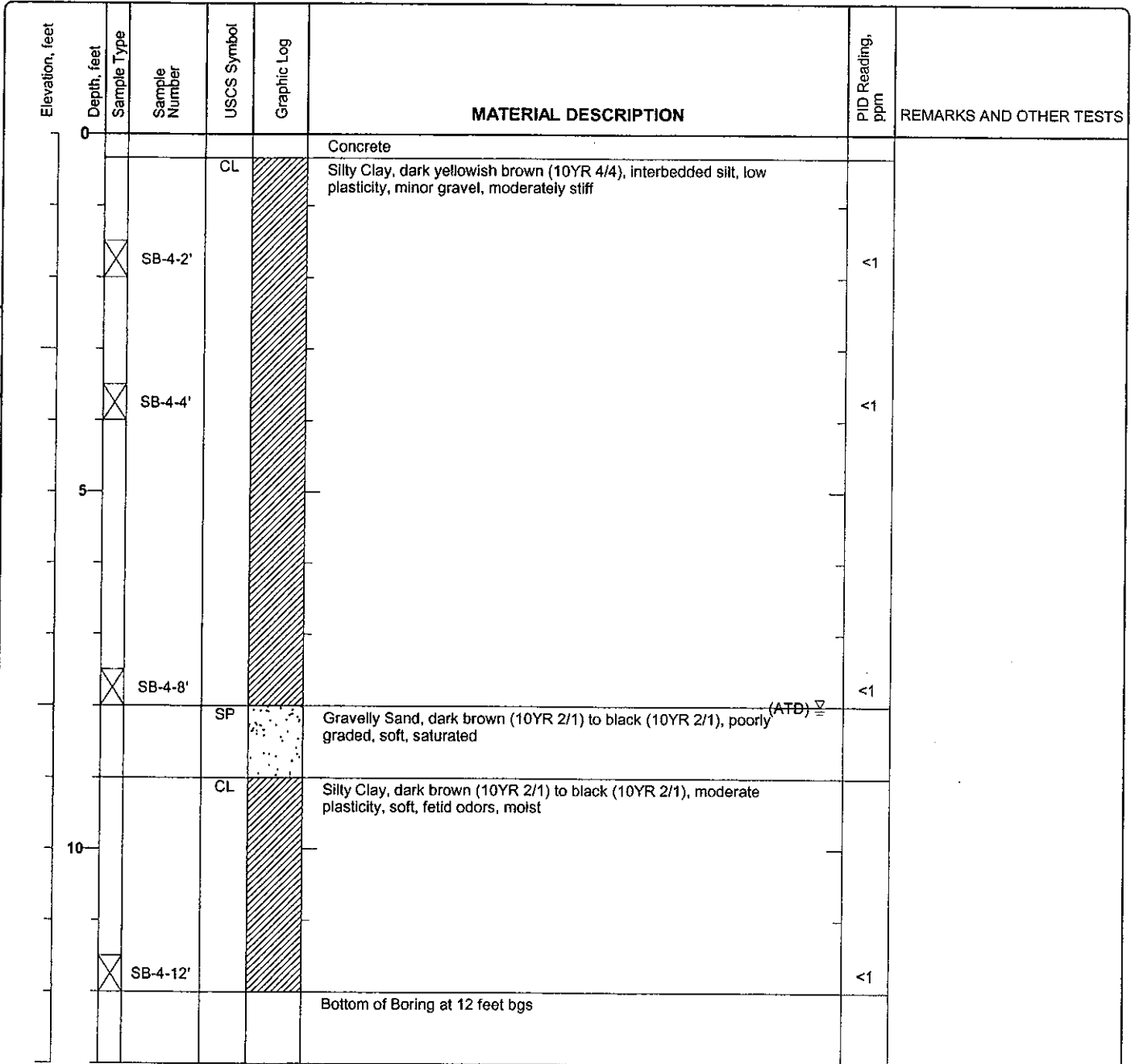


Figure

Project: Bank of the West
 Project Location: 2200-2222 Wood Street, Oakland, CA
 Project Number: 117198

Log of Boring SB-4
 Sheet 1 of 1

Date(s) Drilled	June 21, 2006	Logged By	Adrian Angel	Checked By	Peter McIntyre
Drilling Method	Direct Push	Drill Bit Size/Type	2 3/4 inch	Total Depth of Borehole	12 feet bgs
Drill Rig Type	PowerProbe	Drilling Contractor	RSI	Approximate Surface Elevation	
Groundwater Level and Date Measured	8 feet ATD	Sampling Method(s)	Tube	Well Permit.	
Borehole Backfill	Portland Cement	Location			



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Figure

APPENDIX B

**Sample Analytical Data
With
Chain of Custody Documentation**



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #117544; Bank of the West	Date Sampled: 06/21/06
	Client Contact: Adrian Angel	Date Received: 06/21/06
	Client P.O.:	Date Extracted: 06/21/06-06/24/06
		Date Analyzed: 06/22/06-06/24/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method: SW5030B

Analytical methods: SW8015Cm

Work Order: 0606459

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
009A	SB-3-2'	S	ND	1	82
013A	SB-4-2'	S	1.3,g	1	88
017A	SB-1-W	W	ND,i	1	105
018A	SB-2-W	W	ND,i	1	106
019A	SB-3-W	W	ND,i	1	112
020A	SB-4-W	W	ND,i	1	116

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	1.0	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #117544; Bank of the West	Date Sampled: 06/21/06
	Client Contact: Adrian Angel	Date Received: 06/21/06
	Client P.O.:	Date Analyzed: 06/23/06-06/27/06
		Date Extracted: 06/21/06

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3510C/SW3550C

Analytical methods: SW8015C

Work Order: 0606459

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0606459-009A	SB-3-2'	S	ND	ND	1	112
0606459-013A	SB-4-2'	S	ND	ND	1	110
0606459-017A	SB-1-W	W	1500,g,k,i	2200	1	116
0606459-018A	SB-2-W	W	120,g,b,i	500	1	112
0606459-019A	SB-3-W	W	350,g,b,i	970	1	118
0606459-020A	SB-4-W	W	5300,a,i	2600	10	112

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.



AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #117544; Bank of the West	Date Sampled: 06/21/06
	Client Contact: Adrian Angel	Date Received: 06/21/06
	Client P.O.:	Date Extracted: 06/27/06
		Date Analyzed: 06/27/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0606459

Lab ID	0606459-017B
Client ID	SB-1-W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	114	%SS2:	86
%SS3:	97		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #117544; Bank of the West	Date Sampled: 06/21/06
	Client Contact: Adrian Angel	Date Received: 06/21/06
	Client P.O.:	Date Extracted: 06/27/06
		Date Analyzed: 06/27/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0606459

Lab ID	0606459-018B
Client ID	SB-2-W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	114	%SS2:	84
%SS3:	102		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #117544; Bank of the West	Date Sampled: 06/21/06
	Client Contact: Adrian Angel	Date Received: 06/21/06
	Client P.O.:	Date Extracted: 06/27/06
		Date Analyzed: 06/27/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0606459

Lab ID	0606459-019B
Client ID	SB-3-W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	114	%SS2:	84
%SS3:	106		

Comments: i

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

AEI Consultants
 2500 Camino Diablo, Ste. #200
 Walnut Creek, CA 94597

Client Project ID: #117544; Bank of
 the West
 Client Contact: Adrian Angel
 Client P.O.:

Date Sampled: 06/21/06
 Date Received: 06/21/06
 Date Extracted: 06/27/06
 Date Analyzed: 06/27/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0606459

Lab ID	0606459-020B						
Client ID	SB-4-W						
Matrix	Water						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	116	%SS2:	86
%SS3:	104		

Comments: i

* water and vapor samples are reported in µg/L. soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L. wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #117544; Bank of the West	Date Sampled: 06/21/06
	Client Contact: Adrian Angel	Date Received: 06/21/06
	Client P.O.:	Date Extracted: 06/21/06
		Date Analyzed: 06/24/06

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3510C

Analytical Method: SW8270D

Work Order: 0606459

Lab ID	0606459-017C
Client ID	SB-1-W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<500	50	10	Acenaphthylene	ND<500	50	10
Acetochlor	ND<500	50	10	Anthracene	ND<500	50	10
Benizidine	ND<2500	50	50	Benzoic Acid	ND<2500	50	50
Benzo(a)anthracene	ND<500	50	10	Benzo(b)fluoranthene	ND<500	50	10
Benzo(k)fluoranthene	ND<500	50	10	Benzo(g,h,i)perylene	ND<500	50	10
Benzo(a)pyrene	ND<500	50	10	Benzyl Alcohol	ND<1000	50	20
1,1-Biphenyl	ND<500	50	10	Bis (2-chloroethoxy) Methane	ND<500	50	10
Bis (2-chloroethyl) Ether	ND<500	50	10	Bis (2-chloroisopropyl) Ether	ND<500	50	10
Bis (2-ethylhexyl) Adipate	ND<500	50	10	Bis (2-ethylhexyl) Phthalate	ND<500	50	10
4-Bromophenyl Phenyl Ether	ND<500	50	10	Butylbenzyl Phthalate	ND<500	50	10
4-Chloroaniline	ND<1000	50	20	4-Chloro-3-methylphenol	ND<500	50	10
2-Chloronaphthalene	ND<500	50	10	2-Chlorophenol	ND<500	50	10
4-Chlorophenyl Phenyl Ether	ND<500	50	10	Chrysene	ND<500	50	10
Dibenzo(a,h)anthracene	ND<500	50	10	Dibenzofuran	ND<500	50	10
Di-n-butyl Phthalate	ND<500	50	10	1,2-Dichlorobenzene	ND<500	50	10
1,3-Dichlorobenzene	ND<500	50	10	1,4-Dichlorobenzene	ND<500	50	10
3,3-Dichlorobenzidine	ND<1000	50	20	2,4-Dichlorophenol	ND<500	50	10
Diethyl Phthalate	ND<500	50	10	2,4-Dimethylphenol	ND<500	50	10
Dimethyl Phthalate	ND<500	50	10	4,6-Dinitro-2-methylphenol	ND<2500	50	50
2,4-Dinitrophenol	ND<2500	50	50	2,4-Dinitrotoluene	ND<500	50	10
2,6-Dinitrotoluene	ND<500	50	10	Di-n-octyl Phthalate	ND<500	50	10
1,2-Diphenylhydrazine	ND<500	50	10	Fluoranthene	ND<500	50	10
Fluorene	ND<500	50	10	Hexachlorobenzene	ND<500	50	10
Hexachlorobutadiene	ND<500	50	10	Hexachlorocyclopentadiene	ND<2500	50	50
Hexachloroethane	ND<500	50	10	Indeno (1,2,3-cd) pyrene	ND<500	50	10
Isophorone	ND<500	50	10	2-Methylnaphthalene	ND<500	50	10
2-Methylphenol (o-Cresol)	ND<500	50	10	3 &/or 4-Methylphenol (m,p-Cresol)	ND<500	50	10
Naphthalene	ND<500	50	10	2-Nitroaniline	ND<2500	50	50
3-Nitroaniline	ND<2500	50	50	4-Nitroaniline	ND<2500	50	50
Nitrobenzene	ND<2500	50	50	2-Nitrophenol	ND<2500	50	50
4-Nitrophenol	ND<2500	50	50	N-Nitrosodiphenylamine	ND<500	50	10
N-Nitrosodi-n-propylamine	ND<500	50	10	Pentachlorophenol	ND<2500	50	50
Phenanthrene	ND<500	50	10	Phenol	ND<500	50	10
Pyrene	ND<500	50	10	1,2,4-Trichlorobenzene	ND<500	50	10
2,4,5-Trichlorophenol	ND<500	50	10	2,4,6-Trichlorophenol	ND<500	50	10

Surrogate Recoveries (%)

%SS1:	---	%SS2:	38
%SS3:	---	%SS4:	41
%SS5:	88	%SS6:	103

Comments: j,i

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #117544; Bank of the West	Date Sampled: 06/21/06
		Date Received: 06/21/06
	Client Contact: Adrian Angel	Date Extracted: 06/21/06
	Client P.O.:	Date Analyzed: 06/27/06

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3510C

Analytical Method: SW8270D

Work Order: 0606459

Lab ID	0606459-018C
Client ID	SB-2-W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<50	5.0	10	Acenaphthylene	ND<50	5.0	10
Acetochlor	ND<50	5.0	10	Anthracene	ND<50	5.0	10
Benzidine	ND<250	5.0	50	Benzoic Acid	ND<250	5.0	50
Benzo(a)anthracene	ND<50	5.0	10	Benzo(b)fluoranthene	ND<50	5.0	10
Benzo(k)fluoranthene	ND<50	5.0	10	Benzo(g,h,i)perylene	ND<50	5.0	10
Benzo(a)pyrene	ND<50	5.0	10	Benzyl Alcohol	ND<100	5.0	20
1,1-Biphenyl	ND<50	5.0	10	Bis (2-chloroethoxy) Methane	ND<50	5.0	10
Bis (2-chloroethyl) Ether	ND<50	5.0	10	Bis (2-chloroisopropyl) Ether	ND<50	5.0	10
Bis (2-ethylhexyl) Adipate	ND<50	5.0	10	Bis (2-ethylhexyl) Phthalate	ND<50	5.0	10
4-Bromophenyl Phenyl Ether	ND<50	5.0	10	Butylbenzyl Phthalate	ND<50	5.0	10
4-Chloroaniline	ND<100	5.0	20	4-Chloro-3-methylphenol	ND<50	5.0	10
2-Chloronaphthalene	ND<50	5.0	10	2-Chlorophenol	ND<50	5.0	10
4-Chlorophenyl Phenyl Ether	ND<50	5.0	10	Chrysene	ND<50	5.0	10
Dibenzof(a,h)anthracene	ND<50	5.0	10	Dibenzofuran	ND<50	5.0	10
Di-n-butyl Phthalate	ND<50	5.0	10	1,2-Dichlorobenzene	ND<50	5.0	10
1,3-Dichlorobenzene	ND<50	5.0	10	1,4-Dichlorobenzene	ND<50	5.0	10
3,3-Dichlorobenzidine	ND<100	5.0	20	2,4-Dichlorophenol	ND<50	5.0	10
Diethyl Phthalate	ND<50	5.0	10	2,4-Dimethylphenol	ND<50	5.0	10
Dimethyl Phthalate	ND<50	5.0	10	4,6-Dinitro-2-methylphenol	ND<250	5.0	50
2,4-Dinitrophenol	ND<250	5.0	50	2,4-Dinitrotoluene	ND<50	5.0	10
2,6-Dinitrotoluene	ND<50	5.0	10	Di-n-octyl Phthalate	ND<50	5.0	10
1,2-Diphenylhydrazine	ND<50	5.0	10	Fluoranthene	ND<50	5.0	10
Fluorene	ND<50	5.0	10	Hexachlorobenzene	ND<50	5.0	10
Hexachlorobutadiene	ND<50	5.0	10	Hexachlorocyclopentadiene	ND<250	5.0	50
Hexachloroethane	ND<50	5.0	10	Indeno (1,2,3-cd) pyrene	ND<50	5.0	10
Isophorone	ND<50	5.0	10	2-Methylnaphthalene	ND<50	5.0	10
2-Methylphenol (o-Cresol)	ND<50	5.0	10	3 &/or 4-Methylphenol (m,p-Cresol)	ND<50	5.0	10
Naphthalene	ND<50	5.0	10	2-Nitroaniline	ND<250	5.0	50
3-Nitroaniline	ND<250	5.0	50	4-Nitroaniline	ND<250	5.0	50
Nitrobenzene	ND<250	5.0	50	2-Nitrophenol	ND<250	5.0	50
4-Nitrophenol	ND<250	5.0	50	N-Nitrosodiphenylamine	ND<50	5.0	10
N-Nitrosodi-n-propylamine	ND<50	5.0	10	Pentachlorophenol	ND<250	5.0	50
Phenanthrene	ND<50	5.0	10	Phenol	ND<50	5.0	10
Pyrene	ND<50	5.0	10	1,2,4-Trichlorobenzene	ND<50	5.0	10
2,4,5-Trichlorophenol	ND<50	5.0	10	2,4,6-Trichlorophenol	ND<50	5.0	10

Surrogate Recoveries (%)

%SS1:	70	%SS2:	85
%SS3:	69	%SS4:	59
%SS5:	76	%SS6:	61

Comments: j,i

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference.



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110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #117544; Bank of the West	Date Sampled: 06/21/06
	Client Contact: Adrian Angel	Date Received: 06/21/06
	Client P.O.:	Date Extracted: 06/21/06
		Date Analyzed: 06/26/06

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3510C

Analytical Method: SW8270D

Work Order: 0606459

Lab ID	0606459-019C
Client ID	SB-3-W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<50	5.0	10	Acenaphthylene	ND<50	5.0	10
Acetochlor	ND<50	5.0	10	Anthracene	ND<50	5.0	10
Benzidine	ND<250	5.0	50	Benzoic Acid	ND<250	5.0	50
Benzo(a)anthracene	ND<50	5.0	10	Benzo(b)fluoranthene	ND<50	5.0	10
Benzo(k)fluoranthene	ND<50	5.0	10	Benzo(g,h,i)perylene	ND<50	5.0	10
Benzo(a)pyrene	ND<50	5.0	10	Benzyl Alcohol	ND<100	5.0	20
1,1-Biphenyl	ND<50	5.0	10	Bis (2-chloroethoxy) Methane	ND<50	5.0	10
Bis (2-chloroethyl) Ether	ND<50	5.0	10	Bis (2-chloroisopropyl) Ether	ND<50	5.0	10
Bis (2-ethylhexyl) Adipate	ND<50	5.0	10	Bis (2-ethylhexyl) Phthalate	ND<50	5.0	10
4-Bromophenyl Phenyl Ether	ND<50	5.0	10	Butylbenzyl Phthalate	ND<50	5.0	10
4-Chloroaniline	ND<100	5.0	20	4-Chloro-3-methylphenol	ND<50	5.0	10
2-Chloronaphthalene	ND<50	5.0	10	2-Chlorophenol	ND<50	5.0	10
4-Chlorophenyl Phenyl Ether	ND<50	5.0	10	Chrysene	ND<50	5.0	10
Dibenzo(a,h)anthracene	ND<50	5.0	10	Dibenzofuran	ND<50	5.0	10
Di-n-butyl Phthalate	ND<50	5.0	10	1,2-Dichlorobenzene	ND<50	5.0	10
1,3-Dichlorobenzene	ND<50	5.0	10	1,4-Dichlorobenzene	ND<50	5.0	10
3,3-Dichlorobenzidine	ND<100	5.0	20	2,4-Dichlorophenol	ND<50	5.0	10
Diethyl Phthalate	ND<50	5.0	10	2,4-Dimethylphenol	ND<50	5.0	10
Dimethyl Phthalate	ND<50	5.0	10	4,6-Dinitro-2-methylphenol	ND<250	5.0	50
2,4-Dinitrophenol	ND<250	5.0	50	2,4-Dinitrotoluene	ND<50	5.0	10
2,6-Dinitrotoluene	ND<50	5.0	10	Di-n-octyl Phthalate	ND<50	5.0	10
1,2-Diphenylhydrazine	ND<50	5.0	10	Fluoranthene	ND<50	5.0	10
Fluorene	ND<50	5.0	10	Hexachlorobenzene	ND<50	5.0	10
Hexachlorobutadiene	ND<50	5.0	10	Hexachlorocyclopentadiene	ND<250	5.0	50
Hexachloroethane	ND<50	5.0	10	Indeno (1,2,3-cd) pyrene	ND<50	5.0	10
Isophorone	ND<50	5.0	10	2-Methylnaphthalene	ND<50	5.0	10
2-Methylphenol (o-Cresol)	ND<50	5.0	10	3 &/or 4-Methylphenol (m,p-Cresol)	ND<50	5.0	10
Naphthalene	ND<50	5.0	10	2-Nitroaniline	ND<250	5.0	50
3-Nitroaniline	ND<250	5.0	50	4-Nitroaniline	ND<250	5.0	50
Nitrobenzene	ND<250	5.0	50	2-Nitrophenol	ND<250	5.0	50
4-Nitrophenol	ND<250	5.0	50	N-Nitrosodiphenylamine	ND<50	5.0	10
N-Nitrosodi-n-propylamine	ND<50	5.0	10	Pentachlorophenol	ND<250	5.0	50
Phenanthrene	ND<50	5.0	10	Phenol	ND<50	5.0	10
Pyrene	ND<50	5.0	10	1,2,4-Trichlorobenzene	ND<50	5.0	10
2,4,5-Trichlorophenol	ND<50	5.0	10	2,4,6-Trichlorophenol	ND<50	5.0	10

Surrogate Recoveries (%)

%SS1:	68	%SS2:	85
%SS3:	69	%SS4:	58
%SS5:	79	%SS6:	67

Comments: j,i

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #117544; Bank of the West	Date Sampled: 06/21/06
	Client Contact: Adrian Angel	Date Received: 06/21/06
	Client P.O.:	Date Extracted: 06/21/06
		Date Analyzed: 06/27/06

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3510C

Analytical Method: SW8270D

Work Order: 0606459

Lab ID	0606459-020C
Client ID	SB-4-W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<50	5.0	10	Acenaphthylene	ND<50	5.0	10
Acetochlor	ND<50	5.0	10	Anthracene	ND<50	5.0	10
Benzidine	ND<250	5.0	50	Benzoic Acid	ND<250	5.0	50
Benzo(a)anthracene	ND<50	5.0	10	Benzo(b)fluoranthene	ND<50	5.0	10
Benzo(k)fluoranthene	ND<50	5.0	10	Benzo(g,h,i)perylene	ND<50	5.0	10
Benzo(a)pyrene	ND<50	5.0	10	Benzyl Alcohol	ND<100	5.0	20
1,1'-Biphenyl	ND<50	5.0	10	Bis (2-chloroethoxy) Methane	ND<50	5.0	10
Bis (2-chloroethyl) Ether	ND<50	5.0	10	Bis (2-chloroisopropyl) Ether	ND<50	5.0	10
Bis (2-ethylhexyl) Adipate	ND<50	5.0	10	Bis (2-ethylhexyl) Phthalate	ND<50	5.0	10
4-Bromophenyl Phenyl Ether	ND<50	5.0	10	Butylbenzyl Phthalate	ND<50	5.0	10
4-Chloroaniline	ND<100	5.0	20	4-Chloro-3-methylphenol	ND<50	5.0	10
2-Chloronaphthalene	ND<50	5.0	10	2-Chlorophenol	ND<50	5.0	10
4-Chlorophenyl Phenyl Ether	ND<50	5.0	10	Chrysene	ND<50	5.0	10
Dibenzo(a,h)anthracene	ND<50	5.0	10	Dibenzofuran	ND<50	5.0	10
Di-n-butyl Phthalate	ND<50	5.0	10	1,2-Dichlorobenzene	ND<50	5.0	10
1,3-Dichlorobenzene	ND<50	5.0	10	1,4-Dichlorobenzene	ND<50	5.0	10
3,3-Dichlorobenzidine	ND<100	5.0	20	2,4-Dichlorophenol	ND<50	5.0	10
Diethyl Phthalate	ND<50	5.0	10	2,4-Dimethylphenol	ND<50	5.0	10
Dimethyl Phthalate	ND<50	5.0	10	4,6-Dinitro-2-methylphenol	ND<250	5.0	50
2,4-Dinitrophenol	ND<250	5.0	50	2,4-Dinitrotoluene	ND<50	5.0	10
2,6-Dinitrotoluene	ND<50	5.0	10	Di-n-octyl Phthalate	ND<50	5.0	10
1,2-Diphenylhydrazine	ND<50	5.0	10	Fluoranthene	ND<50	5.0	10
Fluorene	ND<50	5.0	10	Hexachlorobenzene	ND<50	5.0	10
Hexachlorobutadiene	ND<50	5.0	10	Hexachlorocyclopentadiene	ND<250	5.0	50
Hexachloroethane	ND<50	5.0	10	Indeno (1,2,3-cd) pyrene	ND<50	5.0	10
Isophorone	ND<50	5.0	10	2-Methylnaphthalene	ND<50	5.0	10
2-Methylphenol (o-Cresol)	ND<50	5.0	10	3 &/or 4-Methylphenol (m,p-Cresol)	ND<50	5.0	10
Naphthalene	ND<50	5.0	10	2-Nitroaniline	ND<250	5.0	50
3-Nitroaniline	ND<250	5.0	50	4-Nitroaniline	ND<250	5.0	50
Nitrobenzene	ND<250	5.0	50	2-Nitrophenol	ND<250	5.0	50
4-Nitrophenol	ND<250	5.0	50	N-Nitrosodiphenylamine	ND<50	5.0	10
N-Nitrosodi-n-propylamine	ND<50	5.0	10	Pentachlorophenol	ND<250	5.0	50
Phenanthrene	ND<50	5.0	10	Phenol	ND<50	5.0	10
Pyrene	ND<50	5.0	10	1,2,4-Trichlorobenzene	ND<50	5.0	10
2,4,5-Trichlorophenol	ND<50	5.0	10	2,4,6-Trichlorophenol	ND<50	5.0	10

Surrogate Recoveries (%)

%SS1:	74	%SS2:	88
%SS3:	71	%SS4:	59
%SS5:	75	%SS6:	62

Comments: j,i

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mcccampbell.com E-mail: main@mcccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0606459

EPA Method: SW8015Cm		Extraction: SW5030B			BatchID: 22298			Spiked Sample ID: 0606427-013A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex) [£]	ND	0.60	110	91.1	18.8	108	109	1.26	70 - 130	70 - 130
MTBE	ND	0.10	108	107	0.213	114	110	3.44	70 - 130	70 - 130
Benzene	ND	0.10	87	89	2.20	89.9	87.1	3.14	70 - 130	70 - 130
Toluene	ND	0.10	86.3	88.7	2.72	89.2	86.8	2.82	70 - 130	70 - 130
Ethylbenzene	ND	0.10	87.2	89.7	2.87	90	87.6	2.70	70 - 130	70 - 130
Xylenes	ND	0.30	84.7	85.3	0.784	85.3	84.7	0.784	70 - 130	70 - 130
%SS:	89	0.10	97	89	8.60	100	98	2.02	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 22298 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0606459-009A	6/21/06 12:59 PM	6/21/06	6/22/06 7:56 AM	0606459-013A	6/21/06 1:30 PM	6/21/06	6/22/06 8:57 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
 % Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
 £ TPH(btex) = sum of BTEX areas from the FID.
 # cluttered chromatogram; sample peak coelutes with surrogate peak.
 N/A = not enough sample to perform matrix spike and matrix spike duplicate.
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



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110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mcccampbell.com E-mail: main@mcccampbell.com

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0606459

EPA Method: SW8015C		Extraction: SW3550C			BatchID: 22306			Spiked Sample ID: 0606440-002A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	3.4	20	103	103	0	98.4	97.4	0.947	70 - 130	70 - 130
%SS:	109	50	111	111	0	101	100	1.05	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 22306 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0606459-009A	6/21/06 12:59 PM	6/21/06	6/23/06 7:20 AM	0606459-013A	6/21/06 1:30 PM	6/21/06	6/27/06 6:34 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.


% Recovery = $100 * (MS - Sample) / (Amount Spiked)$; RPD = $100 * (MS - MSD) / ((MS + MSD) / 2)$.

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644

 QA/QC Officer



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mcccampbell.com E-mail: main@mcccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0606459

EPA Method: SW8015Cm		Extraction: SW5030B			BatchID: 22308			Spiked Sample ID: 0606447-001A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex) £	ND	60	93.5	92.7	0.876	97.1	92	5.48	70 - 130	70 - 130
MTBE	ND	10	104	107	2.73	99.8	102	1.88	70 - 130	70 - 130
Benzene	ND	10	94.3	95.7	1.44	91.1	93.3	2.35	70 - 130	70 - 130
Toluene	ND	10	93.9	95.1	1.32	90.3	90.9	0.679	70 - 130	70 - 130
Ethylbenzene	ND	10	92.5	93.2	0.677	91.6	78.2	15.8	70 - 130	70 - 130
Xylenes	ND	30	85.7	90	4.93	89	85.7	3.82	70 - 130	70 - 130
%SS:	106	10	103	103	0	102	105	2.85	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 22308 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0606459-017A	6/21/06	6/24/06	6/24/06 7:55 AM	0606459-018A	6/21/06	6/24/06	6/24/06 8:28 AM
0606459-019A	6/21/06	6/24/06	6/24/06 10:06 AM	0606459-020A	6/21/06	6/24/06	6/24/06 10:38 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0606459

EPA Method: SW8015C		Extraction: SW3510C			BatchID: 22309			Spiked Sample ID: N/A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	103	102	1.80	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	109	105	3.98	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 22309 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0606459-017A	6/21/06	6/21/06	6/27/06 9:21 AM	0606459-018A	6/21/06	6/21/06	6/23/06 6:11 AM
0606459-019A	6/21/06	6/21/06	6/27/06 5:46 AM	0606459-020A	6/21/06	6/21/06	6/25/06 5:00 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.


% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644

 QA/QC Officer



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0606459

EPA Method: SW8260B		Extraction: SW5030B			BatchID: 22310			Spiked Sample ID: 0606469-001B		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
tert-Amyl methyl ether (TAME)	ND<17	10	98.3	98	0.323	95.1	95.5	0.413	70 - 130	70 - 130
Benzene	140	10	NR	NR	NR	119	119	0	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND<170	50	104	104	0	97.5	99.5	2.07	70 - 130	70 - 130
Chlorobenzene	ND	10	88	89.3	1.48	87	87.7	0.798	70 - 130	70 - 130
1,2-Dibromoethane (EDB)	ND<17	10	94.6	99.3	4.82	101	103	1.48	70 - 130	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND<17	10	105	104	1.09	99.8	98.4	1.37	70 - 130	70 - 130
1,1-Dichloroethene	ND	10	72.9	71.5	1.89	86.5	100	14.6	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND<17	10	109	108	0.586	106	105	0.846	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND<17	10	92.8	92	0.817	91.9	91	0.963	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	990	10	NR	NR	NR	91.4	90.8	0.652	70 - 130	70 - 130
Toluene	45	10	NR	NR	NR	99.6	99.9	0.328	70 - 130	70 - 130
Trichloroethene	ND	10	82.2	81.1	1.33	82.3	81.1	1.43	70 - 130	70 - 130
%SS1:	106	10	107	101	5.68	104	99	5.56	70 - 130	70 - 130
%SS2:	103	10	84	83	0.225	94	92	1.71	70 - 130	70 - 130
%SS3:	110	10	98	97	0.993	102	101	0.412	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
 NONE

BATCH 22310 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0606459-017B	6/21/06	6/27/06	6/27/06 12:43 AM	0606459-018B	6/21/06	6/27/06	6/27/06 1:26 AM
0606459-019B	6/21/06	6/27/06	6/27/06 2:08 AM	0606459-020B	6/21/06	6/27/06	6/27/06 2:50 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
 $\% \text{ Recovery} = 100 * (\text{MS} - \text{Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
 N/A = not enough sample to perform matrix spike and matrix spike duplicate.
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.
 Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

QC SUMMARY REPORT FOR SW8270D

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0606459

EPA Method: SW8270D		Extraction: SW3510C			BatchID: 22227			Spiked Sample ID: N/A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
Acenaphthene	N/A	50	N/A	N/A	N/A	69.7	68.5	1.80	N/A	30 - 130
4-Chloro-3-methylphenol	N/A	100	N/A	N/A	N/A	89.4	89.5	0.184	N/A	30 - 130
2-Chlorophenol	N/A	100	N/A	N/A	N/A	74.9	72.8	2.86	N/A	30 - 130
1,4-Dichlorobenzene	N/A	50	N/A	N/A	N/A	64.6	62.7	2.84	N/A	30 - 130
2,4-Dinitrotoluene	N/A	50	N/A	N/A	N/A	86.1	85.8	0.349	N/A	30 - 130
4-Nitrophenol	N/A	100	N/A	N/A	N/A	123	122	0.661	N/A	30 - 130
N-Nitrosodi-n-propylamine	N/A	50	N/A	N/A	N/A	109	107	2.31	N/A	30 - 130
Pentachlorophenol	N/A	100	N/A	N/A	N/A	100	102	1.78	N/A	30 - 130
Phenol	N/A	100	N/A	N/A	N/A	84.6	82.4	2.60	N/A	30 - 130
Pyrene	N/A	50	N/A	N/A	N/A	79.4	77.2	2.76	N/A	30 - 130
1,2,4-Trichlorobenzene	N/A	50	N/A	N/A	N/A	57.4	57.9	0.954	N/A	30 - 130
%SS1:	N/A	5000	N/A	N/A	N/A	68	66	2.36	N/A	30 - 130
%SS2:	N/A	5000	N/A	N/A	N/A	78	77	2.03	N/A	30 - 130
%SS3:	N/A	5000	N/A	N/A	N/A	88	88	0	N/A	30 - 130
%SS4:	N/A	5000	N/A	N/A	N/A	61	60	1.13	N/A	30 - 130
%SS5:	N/A	5000	N/A	N/A	N/A	69	75	8.09	N/A	30 - 130
%SS6:	N/A	5000	N/A	N/A	N/A	84	84	0	N/A	30 - 130


All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
 NONE

BATCH 22227 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0606459-017C	6/21/06	6/21/06	6/24/06 11:34 AM	0606459-018C	6/21/06	6/21/06	6/27/06 2:25 AM
0606459-019C	6/21/06	6/21/06	6/26/06 11:58 PM	0606459-020C	6/21/06	6/21/06	6/27/06 1:11 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
 $\% \text{ Recovery} = 100 * (\text{MS} - \text{Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
 N/A = not enough sample to perform matrix spike and matrix spike duplicate.
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 Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification N° 1644

 QA/QC Officer



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110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mcccampbell.com E-mail: main@mcccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #117544; Bank of the West	Date Sampled: 06/21/06
		Date Received: 06/21/06
	Client Contact: Adrian Angel	Date Reported: 06/28/06
	Client P.O.:	Date Completed: 06/28/06

WorkOrder: 0606459

June 28, 2006

Dear Adrian:

Enclosed are:

- 1). the results of 6 analyzed samples from your #117544; Bank of the West project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH #D7
PACHECO, CA 94553-5560

Telephone: (925) 798-1620

Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

EDF Required? Yes No

Email PDF Report: YES

Report To: Adrian Angel Bill To: Same
Company: AEI Consultants
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597 E-Mail: aangel@aieiconsultants.com
Tel: (925) 944-2899, extension 132 Fax: (925) 944-2895
Project #: 117544 Project Name: Bank of the West
Project Location: Oakland, CA
Sampler Signature: *[Signature]*

Analysis Request

Other

Comments

BTEX & TPH as Gas (602/8020 - 8015) MTD	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5530 E&E/B&F)	Total Petroleum Hydrocarbons (413.1)	HVOCs EPA 8260 (8010 Iso)	BTEX ONLY (EPA 602 / 8020)	Pesticides (EPA 608 / 8080)	PCBs (EPA 605 / 8080)	VOCS EPA 624 (8260) <i>VOCS</i>	EPA 625 / 8270	PAH's - PNA's by EPA 625 / 8270 - 8310	CAM-17 Metals	LCRT's Metals	Lead (7240/7421) (239.2/6010)	RCI	HVOC's by EPA 8260B (8010 Target List)	<i>TPH multi range (413.1) (EPA 8015)</i>	<i>SVOCs (8260)</i>	
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T40
T30
T20
T60

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED							
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other				
SB-4-8'		6/2/06	1:33P	1	Acc		X							X				
SB-4-12'			1:35P	↓	Acc		↓											
SB-1-W				5	Sub		X											
SB-2-W																		
SB-3-W																		
SB-4-W																		

Relinquished By: *[Signature]* Date: *6/2/06* Time: *4:50P* Received By: *[Signature]*
Relinquished By: _____ Date: _____ Time: _____ Received By: _____
Relinquished By: _____ Date: _____ Time: _____ Received By: _____

ICE/C: _____ PRESERVATION: _____
GOOD CONDITION: _____ APPROPRIATE: _____
HEAD SPACE ABSENT: _____ CONTAINERS: _____
DECHLORINATED IN LAB: _____ PERSERVED IN LAB: _____

McC Campbell Analytical, Inc.



110 Second Avenue South, #D7
 Pacheco, CA 94553-5560
 (925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0606459

ClientID: AEL

EDF: NO

Report to:

Adrian Angel
 AEI Consultants
 2500 Camino Diablo, Ste. #200
 Walnut Creek, CA 94597

TEL: (925) 283-6000
 FAX: (925) 283-6121
 ProjectNo: #117544; Bank of the West
 PO:

Bill to:

Denise Mockel
 AEI Consultants
 2500 Camino Diablo, Ste. #200
 Walnut Creek, CA 94597

Requested TAT: 5 days

Date Received: 06/21/2006

Date Printed: 06/21/2006

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0606459-009	SB-3-2'	Soil	6/21/06 12:59:00	<input type="checkbox"/>			A										
0606459-013	SB-4-2'	Soil	6/21/06 1:30:00 PM	<input type="checkbox"/>			A										
0606459-017	SB-1-W	Water	6/21/06	<input type="checkbox"/>	B	C		A									
0606459-018	SB-2-W	Water	6/21/06	<input type="checkbox"/>	B	C		A									
0606459-019	SB-3-W	Water	6/21/06	<input type="checkbox"/>	B	C		A									
0606459-020	SB-4-W	Water	6/21/06	<input type="checkbox"/>	B	C		A									

Test Legend:

1	8260B_W	2	8270D_W	3	G-MBTEX_S	4	G-MBTEX_W	5	
6		7		8		9		10	
11		12							

The following SampID's: 0606459-009A, 0606459-013A, 0606459-017A, 0606459-018A, 0606459-019A, 0606459-020A contain testgroup.
 Please make sure all relevant testcodes are reported. Many thanks.

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.