Edd Clark & Associates, Inc.
Environmental Consultants

April 2, 2008
Job No.: 0589,002.07

Alameda County Environmental Health LOP
% Donna Drogos
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Report: Soil and Groundwater Investigation
990 San Pablo Avenue
Albany, California

Dear Mrs. Donna Drogos,

Please accept this as the cover letter for Edd Clark and Associates, Inc.'s (EC&A's) January 31, 2008 *Report of Phase II Environmental Site Assessment* at 990 San Pablo Avenue (site), Albany, CA. Please review this report and respond to EC&A's recommendations. EC&A is the environmental consultant for the Responsible Party, which is the Blank Family Trust. There are three trustees:

Mrs. Muriel T. Blank
1164 Solano Avenue #406
Albany, California 94706
(510) 525-2240

Mrs. Marcia B. Kelly
641 SW Morningside Rd.
Topeka, Kansas 66615
(785) 272-6903
marciabkelly@earthlink.net

Rev. Deborah Blank
1563 Solano Avenue #344
Berkeley, California 94707
(510) 325-4818
miracoli@earthlink.net

As requested by the Alameda County Environmental Health LOP (County), all reports and correspondence, including this cover letter and the July 17, 2007 *Phase I Environmental Site Assessment* for this site, will be electronically submitted to the County per the instructions on their website.

Please note that an Underground Storage Tank Unauthorized Release (Leak)/ Contamination Site Report form is included as Appendix C in EC&A's January 31, 2008 *Report of Phase II Environmental Site Assessment* report. Please send copies of all correspondence regarding this property to EC&A. Please call E.J. VandenBosch or Edd Clark at 707-792-9500 should you require any further information at this time.

Sincerely,

Etta Jon VandenBosch

Etta Jon (E.J.) VandenBosch
Edd Clark & Associates, Inc.
PO Box 3039
Rohnert Park, CA 94927
(707) 792-9500 - ph
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ejv@sonic.net

Muriel T. Blank, Trustee
Mrs. Muriel T. Blank, Trustee

Mrs. Marcia B. Kelly, Trustee
Mrs. Marcia B. Kelly, Trustee

Deborah Blank, Trustee
Rev. Deborah Blank, Trustee

cc: Ms. Sandy Hrychick,, Asset Management

0589/Cover Ltr

Edd Clark & Associates, Inc.
Environmental Consultants

January 31, 2008
Project No. 0589,002.07

The Blank Family Trust
% Mrs. Muriel T. Blank
1164 Solano Avenue #406
Albany, California 94706

Report of Phase II Environmental Site Assessment
990 San Pablo Avenue
Albany, California 94706

Dear Mrs. Blank:

Please accept the following as Edd Clark & Associates, Inc.'s (EC&A's) report on the Phase II Environmental Site Assessment (Phase II ESA) of the property at 990 San Pablo Avenue (site) in Albany, California. A Site Location Map is presented on Figure 1. During preparation of a Phase I ESA of the subject property, a review of available historical documents revealed that a fueling service station operated at the site from approximately the late 1950s to the early 1980s. It also revealed that the service station structures and underground storage tanks (USTs) were removed in 1983. Details were not available regarding removal and disposal of the former USTs, dispensers or product piping and ancillary equipment. Additionally, no data regarding soil and/or groundwater conditions during the USTs removal activities was located. The Phase I ESA also identified an automotive-repair facility in the immediate area, but was unable to establish whether this facility was actually onsite or on an adjacent parcel to the north.

Because no documentation regarding soil and/or groundwater conditions during removal of the two facilities described above was identified during the Phase I ESA, EC&A recommended performance of a Phase II investigation of the site. The Blank Family Trust concurred with our recommendation and requested that EC&A ascertain whether an impact by fuel hydrocarbons (FHCs) to soil and/or groundwater occurred as a result of the historical use(s) of the site or other properties in the immediate vicinity. The Phase II investigation described herein was conducted in accordance with EC&A's October 23, 2007 *Workplan for Phase II Environmental Site Assessment* and *Site Safety Plan*.

SCOPE OF WORK

The Phase II ESA includes the following activities:

- Preparation and submittal of a soil boring permit to the Alameda County Public Works Agency (ACPWA);
- Advancement of six exploratory soil borings;

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- Collection of soil samples from the borings for chemical analyses and evaluation of soil conditions;
- Collection of grab-groundwater samples from the borings for chemical analyses and evaluation of groundwater conditions; and
- Preparation of this report summarizing the work completed and presenting conclusions and recommendations regarding site conditions.

SITE DESCRIPTION

The site is located at 990 San Pablo Avenue in the city of Albany, California. The city of Albany is located on the east side of San Francisco Bay between the cities of El Cerrito and Berkeley. The site is situated on the west side of Albany and occupies the northwest corner of the intersection of San Pablo Avenue and Buchanan Street. A Site Plan is presented on Figure 2. The southern portion of the site is currently occupied by an asphalt-paved driveway/parking area, and the northern portion by the Paint Center, a retail outlet for Benjamin Moore paints and painting products. The asphalt-paved driveway/parking area has parking spaces on the north and south sides, and entry and exit locations on the east to San Pablo Avenue and south to Buchanan Street.

An automotive-repair facility was identified by the Phase I ESA as being on or near the northern portion of the site. However, the Phase I ESA did not establish whether there were underground facilities at this location that may have been the sources of a release(s) of FHCs and/or hydraulic fuel to the site.

JANUARY 2008 PHASE II ENVIRONMENTAL SITE ASSESSMENT

Soil Boring Advancement and Sample Collection

On January 6, 2008, EC&A personnel directed the advancement of six exploratory soil borings (B-1 through B-6) on the site. This work was performed under permit issued by the ACPWA. The boring locations are shown on Figure 2, and a copy of the ACPWA permit is in Appendix A. B-1 through B-6 were drilled to depths ranging from 12.0 feet (ft) to 21.5 ft below ground surface (bgs) using a truck-mounted drill rig equipped with 4-inch-outside-diameter, solid-stem augers.

Clear Heart Drilling, Inc., of Santa Rosa, California, provided drilling services. The drilling was performed under the technical direction of an EC&A field geologist who classified the soils encountered, maintained a log of the lithology and assisted in obtaining soil and groundwater samples. All field work was performed under the supervision of a California Professional Geologist. EC&A personnel field screened the breathing zone and the soil samples for organic vapors with a photo-ionization detector (PID). Boring logs describing soil lithology encountered in each boring are presented on Figures 3 through 8. Soils were described using the Unified Soil Classification System, which is presented on Figure 9.

Soil Sampling Procedures

Soil samples were collected from each boring at a minimum of every 5 ft, at any observed change in lithology, at locations of obviously impacted soil (if observed), and at the approximate

soil/groundwater interface, if possible. Soil samples were collected using a split-spoon sampling apparatus containing 2-inch-diameter by 6-inch-long stainless steel liners. When a boring was advanced to the selected sampling depth, the augers were withdrawn and the sampler lowered into the bottom of the hole and driven approximately 18 inches into the soil with a 140-pound, drill-rig-operated hammer. Soil samples were selected for laboratory analyses based on field (odor, staining, etc.) and PID screening. The sample tube ends were sealed with Teflon™ squares and plastic end caps. Soil samples submitted for laboratory analyses were labeled, logged on a chain-of-custody form and placed on ice for transport to McCampbell Analytical, Inc., (MAI) for chemical analyses. MAI is a State-certified laboratory located in Pittsburg, California.

Groundwater Sampling Procedures

A grab-groundwater sample was collected from each boring as soon as possible after drilling was complete. Each groundwater sample was collected by lowering a new, single-sample, disposable bailer directly into the open boring. Groundwater was transferred from the bailer to the appropriate laboratory-supplied, sterile sample containers, labeled, logged on a chain-of-custody form and placed on ice for transport to MAI for chemical analysis.

A groundwater sample from B-1 was also submitted to Analytical Sciences (AS) for chemical analyses following the procedures indicated above. AS is a State-certified laboratory in Petaluma, California.

Equipment Cleaning Procedures and Waste Containment

In order to minimize the possibility of cross-contamination, all downhole drilling and sampling equipment was appropriately cleaned prior to use. The augers were steam cleaned before drilling commenced and between borings. The soil- and water-sampling equipment was either steam cleaned or washed in a soap-and-water solution and double rinsed with tap water before samples were collected.

Drill cuttings from the soil borings and rinse water from decontamination procedures were placed in appropriately labeled and covered DOT 17H 55-gallon drums. EC&A personnel collected a composite soil sample from the soil drums and an aliquot water sample from the decontamination water drums. The samples were submitted to MAI and AS for chemical analyses in order to evaluate disposal options.

Soil Boring Abandonment

Following sample collection, the borings were backfilled by tremie grouting with cement grout to within 1 ft of the ground surface. The remainder of each boring was capped with asphalt to match the surrounding surface-grade material.

Sample Analyses and Analytical Results

Soil and grab-groundwater samples were analyzed for total petroleum hydrocarbons (TPH) by multi-scan with silica gel cleanup to quantify TPH as gasoline (g), TPH as diesel (d) and TPH as motor oil (mo) by Analytical Methods SW8015C/8015Cm. The soil samples were also analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX) and methyl tert-butyl ether (MTBE) by Analytical Method SW8021B. The grab-groundwater samples were analyzed for the constituents described above as well as a full-scan for volatile organic compounds (VOCs) by Analytical Method

SW8260B. The grab-groundwater sample collected from B-1 was also analyzed for semi-volatile organic compounds (SVOCs) by Analytical Method SW8270C, petroleum oil and grease (POG) with silica gel clean-up by Analytical Method SM5520B/F, and for CAM 5 Metals by Analytical Method 6010B.

Twelve soil samples (two from each boring) and six grab-groundwater samples (one from each boring) were submitted to the laboratory for chemical analyses. The second number in the soil sample ID is the depth, in ft bgs, from which the sample was collected.

Soil Samples

TPHg and BTEX constituents were detected in 7 soil samples, and TPHd in 8 of the 12 soil samples collected during this investigation. The results of analyses of the soil samples from this investigation are summarized below and detailed in Table 1. A complete copy of the laboratory analytical report is in Appendix B.

Soil Boring Analytical Results - January 6, 2008

Sample ID								
B-1d6.0	<1.0	**3.7,b**	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-1d10.5	**7200,b,m**	**1400,d,b**	<100	**2.0**	**51**	**110**	**400**	<5.0
B-2d5.5	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-2d10.5	**4500,b,m**	**1400,d**	<100	**13**	**35**	**100**	**380**	<5.0
B-3d5.5	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-3d10.5	**130,g,m**	**53,d**	<5.0	**0.37**	**0.29**	**2.6**	**0.44**	<0.5
B-4d5.5	**140,g,m**	**62,d**	<5.0	<0.05	**1.0**	**0.066**	**0.094**	<0.5
B-4d10.5	**140,g,m**	**15,d**	<5.0	**0.25**	**1.5**	**1.3**	**0.11**	<0.5
B-5d5.5	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-5d11.5	**32,g,m**	**5.4,d,b**	<5.0	**0.038**	**0.24**	**0.051**	**0.035**	<0.25
B-6d5.5	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05
B-6d10.5	**32,g,m**	**6.0,d,b**	<5.0	**0.009**	**0.41**	<0.005	**0.039**	<0.05

Note: Please refer to the analytical laboratory report for a list of footnotes.

Grab-groundwater Samples

TPHg and TPHd were detected in each of the six grab-groundwater samples; TPHmo and POG were each detected in one sample; and BTEX constituents in five samples. Additionally, various VOCs were detected in each of the grab-groundwater samples. CAM 5 Metals were not detected above their respective laboratory reporting limits in the sample from B-1; however, two SVOCs were detected in this sample. The results of analyses of the grab-groundwater samples from this investigation are summarized below and detailed in Tables 2 and 3. Complete copies of the laboratory analytical reports are in Appendix B.

Grab-groundwater Analytical Results - January 6, 2008

Sample ID	TPHg	TPHd	TPHmo	POC (mg/L)	B (ug/L)	T	E	X	MTBE 8260B	MTBE 8021B
B-1W*	76,000,b,m,h	99,000,d,b,h	<5000	26,h,i	<50	93	3100	9600	<50	<50
B-2W*	77,000,a,h,i	23,000,d,h,i	310,i	NA	1500	300	2000	6800	<50	<50
B-3W	6200,a,i	2000,d,i	<250	NA	170	32	740	250	<10	<10
B-4W	7700,a,i	3100,d,i	<250	NA	360	<10	240	20	<10	<10
B-5W	120,g,i	120,d,i	<250	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
B-6W	1700,a,i	830,d,i	<250	NA	5.2	<2.5	100	8.6	<2.5	<2.5

Note: Please refer to the analytical laboratory reports for a list of footnotes.
*: Please refer to analytical laboratory report for additional VOCs and SVOCs detected.

GEOLOGY & HYDROGEOLOGY

The site is located within the Northern Coast Ranges geomorphic province. This province is a geologically complex and seismically active region characterized by sub-parallel northwest-trending faults, mountain ranges and valleys. Prevalent bedrock in the site region consists of the Jurassic-Cretaceous Franciscan Complex originally deposited in an accretionary prism near a subduction zone. Extensive folding and faulting during Cretaceous through Quaternary time created complex structural conditions that underlie the highly varied topography typical of the region. In valleys, the bedrock is covered by alluvial deposits.

According to U.S. Geologic Survey (USGS MF-2342), *Geologic Map and Map Database of the Oakland Metropolitan Area, Alameda, Contra Costa and San Francisco Counties, California*, R.W. Graymer, 2000, the site is underlain by Quaternary (Holocene) age alluvial fan and fluvial deposits (Qhaf). The nearest major fault is the Hayward Fault Zone, approximately one-and-one-half miles northeast of the site. The San Andreas fault zone is located approximately 17 miles to the southwest.

Topographic maps of the area indicate a generally westerly to southwesterly surface slope in the site vicinity. During this investigation, groundwater was encountered in each of the borings at depths ranging between 8 and 19.5 ft bgs (Figures 3 through 8). The depths at which groundwater was encountered in each soil boring, and data from Leaking Underground Fuel Tank (LUFT) sites in the vicinity indicate that the groundwater flow-direction is likely also generally westerly to southwesterly, toward San Francisco Bay.

Lithology encountered during the January 2008 drilling at the site consisted of a 2.5 ft to 5 ft thick near-surface sand layer in B-1, B-2 and B-4 near the center and southeastern portion of the site. This unit may be imported fill. Near-surface deposits along the north and west sides of the site were mostly silty to sandy clay (B-3, B-5 and B-6); these deposits are probably native material. An aquifer unit that consisted of inter-bedded clayey sandy gravel, gravelly sand, and/or clayey to silty sand was encountered in all six borings at thicknesses ranging from about four ft on the northern portion of the site, to about 7 ft on the southern portion. The aquifer was underlain by an aquitard that was encountered at 12 ft bgs in B-1, at 14 ft bgs in B-2, at 12 ft bgs in B-3, and at 19.5 ft bgs in B-6. B-4

bottomed in saturated sandy clay at 16.5 ft bgs, and B-5 bottomed in saturated sandy clayey gravel at 12 ft bgs.

CONCLUSIONS

The results of analyses of soil and groundwater samples collected during this investigation indicate that a release of FHCs to the subsurface has occurred at the site. Impacts to both soil and groundwater were detected in samples from each of the borings. TPHg and TPHd were detected in groundwater from each of the borings, with the highest amounts in samples from B-1 and B-2. In general, the soil samples from a depth of about 10 ft bgs had the highest concentrations of FHCs. The highest amounts were in samples from B-1 and B-2. A very strong odor of FHCs and the presence of free phase petroleum hydrocarbons was detected in groundwater from B-1 (Figure 3). Additional investigation of this release would be necessary to more adequately establish the degree and extent of the impact to soil and groundwater, evaluate local groundwater flow-direction and gradient, and assess what, if any, impact this release might pose to possible nearby sensitive receptors.

RECOMMENDATIONS

EC&A recommends preparation of a workplan for additional soil and groundwater investigation at the site. The workplan should include the installation of groundwater monitoring wells. Additionally, a sensitive receptor survey should be conducted to evaluate whether or not any sensitive receptors are present in the site vicinity which may be threatened by this release.

LIMITATIONS

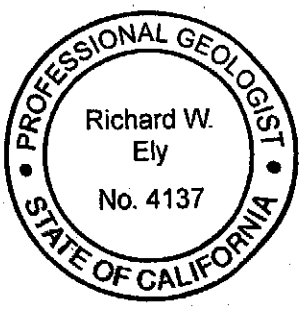
The conclusions presented in this report are professional opinions based on the information presented herein, which includes data generated by others. Whereas EC&A does not guarantee the accuracy of data supplied by third parties, we reserve the right to use this data in formulating our professional opinions. This report is intended only for the indicated purpose and project site. Conclusions and recommendations presented herein apply to site conditions existing at the time of our study. Changes in the conditions of the site property can occur with time because of natural processes or the works of man on the site or adjacent properties. In addition, changes in applicable standards can also occur as the result of legislation or from the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

Thank you for choosing EC&A to provide environmental consulting services on this project. Please do not hesitate to contact us if you have any questions or concerns regarding this project.

Sincerely,

Kevin L. Coker, REA
Project Scientist

Richard Ely P.G. #4137
Senior Geologist



Attachments:

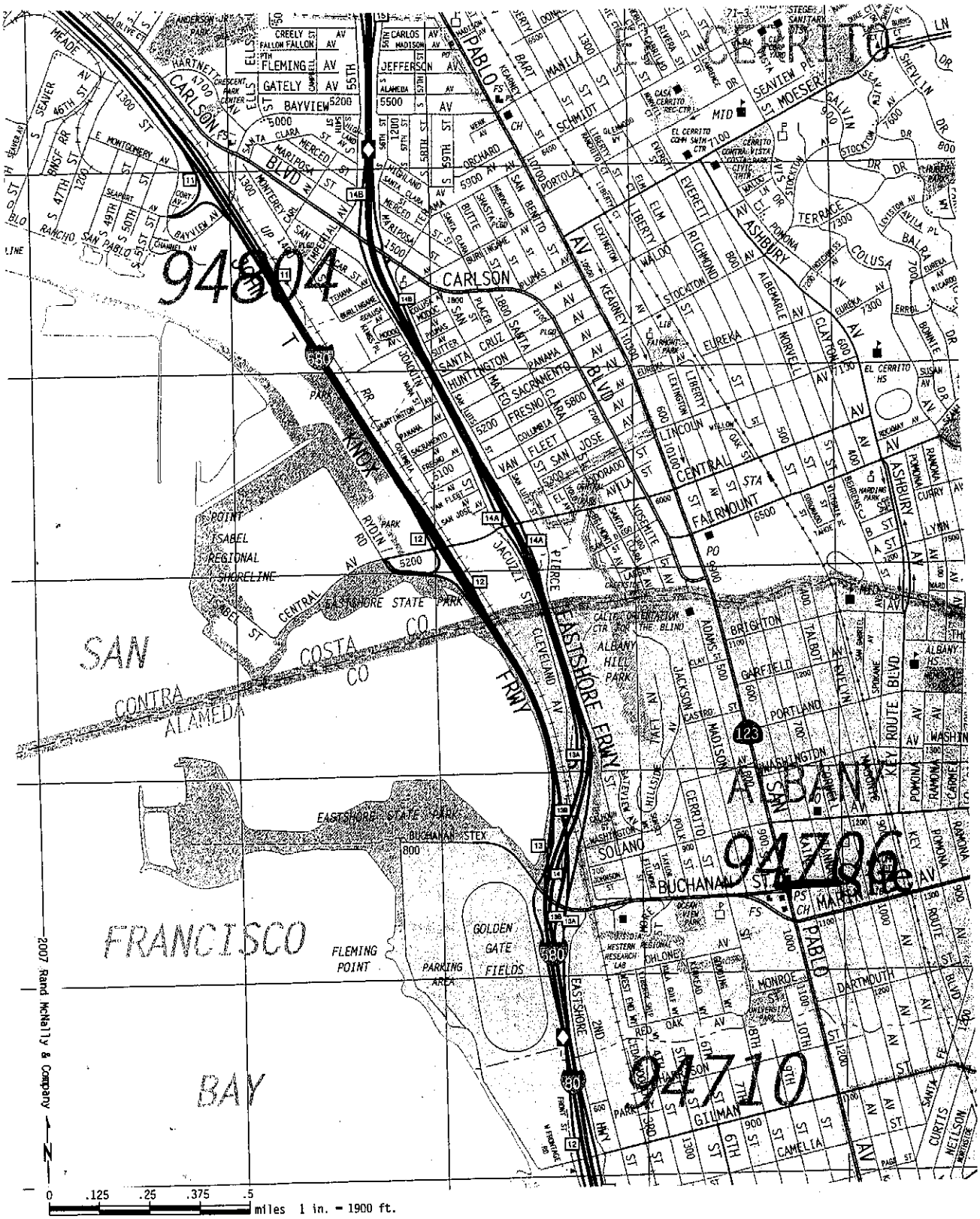
Figure 1 - Site Location Map
Figure 2 - Site Plan
Figure 3 - Log of Soil Boring B-1
Figure 4 - Log of Soil Boring B-2
Figure 5 - Log of Soil Boring B-3
Figure 6 - Log of Soil Boring B-4
Figure 7 - Log of Soil Boring B-5
Figure 8 - Log of Soil Boring B-6
Figure 9 - Unified Soil Classification System

Table 1 - Analytical Results - Soil Samples from Borings
Table 2 - Analytical Results - Grab-groundwater Samples from Borings: Petroleum Hydrocarbons
Table 3 - Analytical Results - Grab-groundwater Samples from Borings: Volatile Organic Compounds

Appendix A - Boring Permit
Appendix B - Analytical Laboratory Reports
Appendix C - Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report

cc: Rev. Deborah Blank
Ms. Marcia Kelly
Ms. Sandy Hrychick
Alameda County Department of Environmental Health

0589\Phase II report



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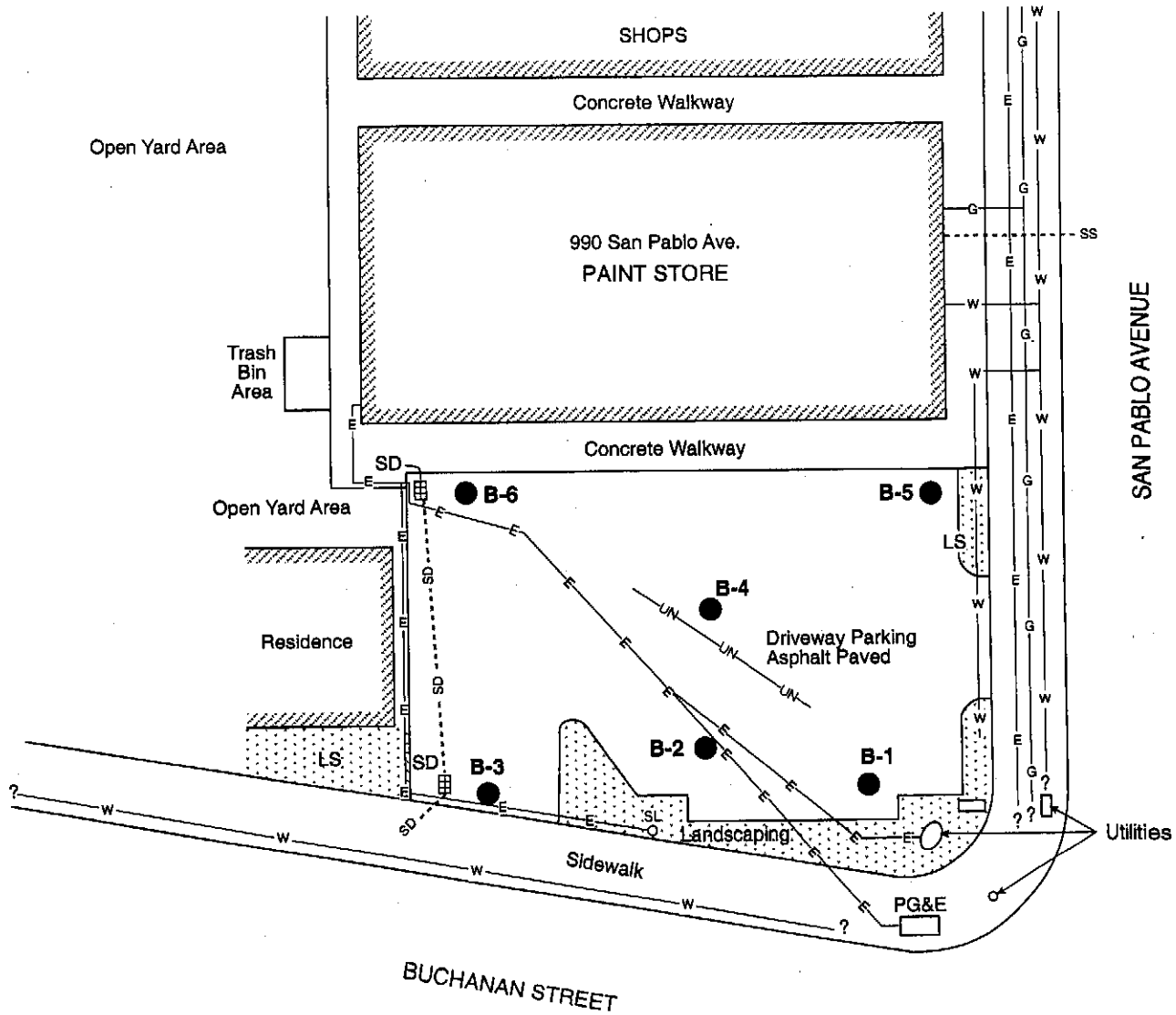
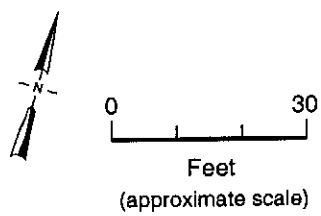
Site Location Map
990 San Pablo Avenue
Albany, California

FIGURE
1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
0589,001.07	Edd Clark	June 2007	





LEGEND

- Soil Boring Location (Jan 08)
- LS Landscaping
- SD Storm Drain Inlet
- SL Street Light
- SS Sanitary Sewer
- G Gas
- W Water
- SD Storm Drain
- E Electrical
- UN Unidentified

Note: Locations of utilities are approximate.

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SITE PLAN

Blank Property
990 San Pablo Avenue
Albany, California

FIGURE
2

JOB NUMBER	REVIEWED BY	DATE	REVISED
0589,002.07	EC&A, E.J. VandenBosch	September 2007	January 2008

(TRACE #467/RG/18Jan08)

BORING LOCATION	990 San Pablo Ave., Albany, CA (Patio, ~ 10' below dry cleaning machine)			ELEVATION AND DATUM	Ground Surface	BORING NO.	B-1
DRILLING AGENCY	Clear Heart Drilling, Inc.	DRILLER	Pablo	DATE STARTED / DATE FINISHED	06 Jan 08 → 06 Jan 08		
DRILLING EQUIPMENT	DR-10K			COMPLETION WELL DEPTH	15.0 ft	SAMPLER	Split Spoon
DRILLING METHOD	Solid Stem Auger	BORING DIA.	4 inches	NO. OF SAMPLES	2 Soil, 1 Grab Groundwater		
SIZE AND TYPE OF CASING	—	FROM —	TO —	WATER LEVEL	FIRST ~ 8 ft bgs	MEASURED / SAMPLED	—
TYPE OF PERFORATION	—	FROM —	TO —	CORE BARREL	2.0 inch ϕ	LENGTH	18 inches
SIZE AND TYPE OF PACK	—	FROM —	TO —	LOGGED BY:	EJVB	CHECKED BY:	RWE
TYPE OF SEAL	NO. 1 Cement Grout	FROM 1.0 ft	TO 15.0 ft	COMMENTS	Soil samples field screened with Photo-Ionization Detector (PID), results in parts per million (ppm).		
	NO. 2 Bentonite Chips and Sand Asphalt Patch	FROM 0.5 ft 0.0 ft	TO 1.0 ft 0.5 ft				

DEPTH (feet)	Samples	Sample ID	Blows/ft	PID (ppm)	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
					Approx. 3" asphalt.		
					SAND (SP), very moist to wet, poorly graded, fine sand.	SP	
5		d6.0'	8	6.8	CLAYEY SAND (SC), wet to very wet; ~ 15 - 20% clay; mild FHC odor and staining.	SC	
					Water at ~ 8 ft bgs. ▽		
10		d10.5'	4	1734	SAND (SW), saturated; very fine to very coarse sand, ≤ 10% fines; very strong FHC odor.	SW	
					From cuttings: SANDY CLAY (CL), olive (5Y 5/3), moist at ~ 12 ft (aquitard ?); FHC odor.	CL	
15					TD: 15.0 ft bgs		
					Note: Water sample collected at 1115 Very strong FHC odor, some light brown product (globules) and sheen.		
20							

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LOG OF SOIL BORING B-1

Blank Property
990 San Pablo Avenue
Albany, California

FIGURE 3

JOB NUMBER	REVIEWED BY	DATE	REVISED	SHEET NO.
0589,002.07	EC&A, E.J. VandenBosch	January 2008		1 of 1

(TRACE #467/RG/18Jan08)

BORING LOCATION	990 San Pablo Ave., Albany, CA (Center of parking, ~ 20' from S sidewalk)	ELEVATION AND DATUM	Ground Surface / BORING NO. B-2
DRILLING AGENCY	Clear Heart Drilling, Inc. / DRILLER Pablo	DATE STARTED / DATE FINISHED	06 Jan 08 → 06 Jan 08
DRILLING EQUIPMENT	DR-10K	COMPLETION WELL DEPTH / SAMPLER	16.5 ft / Split Spoon
DRILLING METHOD	Solid Stem Auger / BORING DIA. 4 inches	NO. OF SAMPLES	3 Soil, 1 Grab Groundwater
SIZE AND TYPE OF CASING	— / FROM — TO —	WATER LEVEL / MEASURED / SAMPLED	FIRST ~ 12 ft bgs / —
TYPE OF PERFORATION	— / FROM — TO —	CORE BARREL / LENGTH	2.0 inch ϕ / 18 inches
SIZE AND TYPE OF PACK	— / FROM — TO —	LOGGED BY: / CHECKED BY:	EJVB / RWE
TYPE OF SEAL NO. 1	Cement Grout / FROM 1.0 ft TO 16.5 ft	COMMENTS	Soil samples field screened with Photo-Ionization Detector (PID), results in parts per million (ppm).
TYPE OF SEAL NO. 2	Bentonite Chips and Sand Asphalt Patch / FROM 0.5 ft TO 1.0 ft; 0.0 ft TO 0.5 ft		

DEPTH (feet)	Samples	Sample ID	Blows/ft	PID (ppm)	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
					Approx. 3" asphalt.		
					SAND (SP).	SP	
5		d5.5'	38	1.7	CLAY (CL) with Sand and Silt, dark greenish-gray and light olive brown mottling, very moist to almost wet; ~ 10-15% fine to very fine sand; FHC odor.	CL	
10		d10.5'	64	1355	Approx. 4" gray sand lense (SP) at 10 ft, very strong FHC odor, stained. CLAYEY SANDY GRAVEL (GC), gray staining, very wet; gravel up to 2", ~ 30 - 35% clay, ~ 30-35% very fine to very coarse sand; very strong FHC odor.	GC	
15		d15.5'	40	14.7	SANDY SILT (ML) with Gravel, very wet to saturated; ~ 30-35% very fine sand, ~ 10-15% gravel. Some clayey sand lenses (~ 55% very fine to medium sand).	ML	
20					TD: 16.5 ft bgs		
					Note: Water sample collected at 1010.		

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ENVIRONMENTAL CONSULTANTS

LOG OF SOIL BORING B-2

Blank Property
990 San Pablo Avenue
Albany, California

FIGURE 4

JOB NUMBER	REVIEWED BY	DATE	REVISED	SHEET NO.
0589,002.07	EC&A, E.J. VandenBosch	January 2008		1 of 1

(TRACE #4467/RG/22Jan08)

BORING LOCATION	990 San Pablo Ave., Albany, CA (Center of S entrance ~ 5' from sidewalk)	ELEVATION AND DATUM	Ground Surface
		BORING NO.	B-3
DRILLING AGENCY	Clear Heart Drilling, Inc.	DRILLER	Pablo
DATE STARTED / DATE FINISHED	06 Jan 08 → 06 Jan 08		
DRILLING EQUIPMENT	DR-10K	COMPLETION WELL DEPTH	21.5 ft
SAMPLER	Split Spoon		
DRILLING METHOD	Solid Stem Auger	BORING DIA.	4 inches
NO. OF SAMPLES	4 Soil, 1 Grab Groundwater		
SIZE AND TYPE OF CASING	—	FROM — TO —	
WATER LEVEL	FIRST ~ 11 ft bgs	MEASURED / SAMPLED	~ 19.0 ft
TYPE OF PERFORATION	—	FROM — TO —	
CORE BARREL	2.0 inch ϕ	LENGTH	18 inches
SIZE AND TYPE OF PACK	—	FROM — TO —	
LOGGED BY:	EJVB	CHECKED BY:	RWE
TYPE OF SEAL NO. 1	Cement Grout	FROM 1.0 ft TO 21.5 ft	
TYPE OF SEAL NO. 2	Bentonite Chips and Sand Asphalt Patch	FROM 0.5 ft TO 1.0 ft 0.0 ft TO 0.5 ft	
COMMENTS	Soil samples field screened with Photo-Ionization Detector (PID), results in parts per million (ppm).		

DEPTH (feet)	Samples	Sample ID	Blows/ft	PID (ppm)	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
					Approx. 3" asphalt underlain by baserock fill to 1 ft bgs. [Fill] Sand, Silt and Gravel to ~ 2 ft bgs (Fill ?).		
					SILTY CLAY (CL), olive gray (5Y 4/2); faint FHC odor.	CL	
5		d5.5'	34	6.0	Same as above; ~ 10 to 15% very fine sand; strong FHC odor (aged ?)		
					Some gravel and increase in Silt and Sand at 6 ft, very moist to wet; ~ 15-20% gravel, ~ 20-30% sand, CLAYEY GRAVELLY SAND (SC) with Silt at 6.5 ft.	SC	
10		d10.5'	44	269	CLAYEY SANDY GRAVEL (GC), saturated at 11 ft; gravel up to 1", increase in sand at 11.5 ft; very strong FHC odor and staining.	GC	
						CL	
15		d15.5'	27	8.0	SILTY CLAY (CL) with Sand, dark yellowish-brown (10YR 4/6) and light olive gray (5Y 6/2), moist (aquitard ?); mild FHC odor.		
20		d20.5'	36	1.7	Approx. 2 ft water on outside of sampler at 20 ft sample; faint FHC odor. Same as above (aquitard ?), moist.		
					TD: 21.5 ft bgs Note: Water sample collected at 1555. About 2.5 ft of water in boring.		

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LOG OF SOIL BORING B-3

Blank Property
990 San Pablo Avenue
Albany, California

FIGURE
5

JOB NUMBER	REVIEWED BY	DATE	REVISED	SHEET NO.
0589,002.07	EC&A, E.J. VandenBosch	January 2008		1 of 1

(TRACE #467/RG/18Jan08)

BORING LOCATION: 990 San Pablo Ave., Albany, CA (Approx. center of parking lot)		ELEVATION AND DATUM: Ground Surface	BORING NO.: B-4
DRILLING AGENCY: Clear Heart Drilling, Inc.	DRILLER: Pablo	DATE STARTED: 06 Jan 08 → DATE FINISHED: 06 Jan 08	
DRILLING EQUIPMENT: DR-10K		COMPLETION WELL DEPTH: 16.5 ft	SAMPLER: Split Spoon
DRILLING METHOD: Solid Stem Auger	BORING DIA.: 4 inches	NO. OF SAMPLES: 3 Soil, 1 Grab Groundwater	
SIZE AND TYPE OF CASING: —	FROM — TO —	WATER LEVEL: FIRST ~ 12 ft bgs	MEASURED / SAMPLED: —
TYPE OF PERFORATION: —	FROM — TO —	CORE BARREL: 2.0 inch ϕ	LENGTH: 18 inches
SIZE AND TYPE OF PACK: —	FROM — TO —	LOGGED BY: EJVB	CHECKED BY: RWE
TYPE OF SEAL: NO. 1 Cement Grout	FROM 1.0 ft TO 16.5 ft	COMMENTS: Soil samples field screened with Photo-Ionization Detector (PID), results in parts per million (ppm).	
NO. 2 Bentonite Chips and Sand Asphalt Patch	FROM 0.5 ft TO 1.0 ft 0.0 ft TO 0.5 ft		

DEPTH (feet)	Samples	Sample ID	Blows/ft	PID (ppm)	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
					Approx. 3" asphalt.		
					SAND (SP), wet, poorly graded; fine to very fine sand, ≤ 10% fines; no odor.	SP	
5		d5.5'	34	948	FHC odors and staining at 5 ft bgs. SANDY SILT (ML) with Gravel and Clay, very moist; ~ 30-35% fine to very coarse sand, ~20-25% subrounded to rounded gravel up to 1/2".	ML	
10		d10.5'	28	421	SANDY CLAY (CL), very moist; FHC odor.	CL	
					GRAVELLY SAND (SM) with Silt and Clay, saturated; ~ 20-25% gravel up to ~ 5 mm, very fine to very coarse sand, ~ 10-15% silt and clay; FHC odor.	SM	
15		d15.5'	48	36.5	SANDY CLAY (CL) with Gravel, yellowish-brown (10YR 5/6), saturated, ~ 40% fine sand.	CL	
					TD: 16.5 ft bgs Note: Water sample collected at 0910.		
20							

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LOG OF SOIL BORING B-4

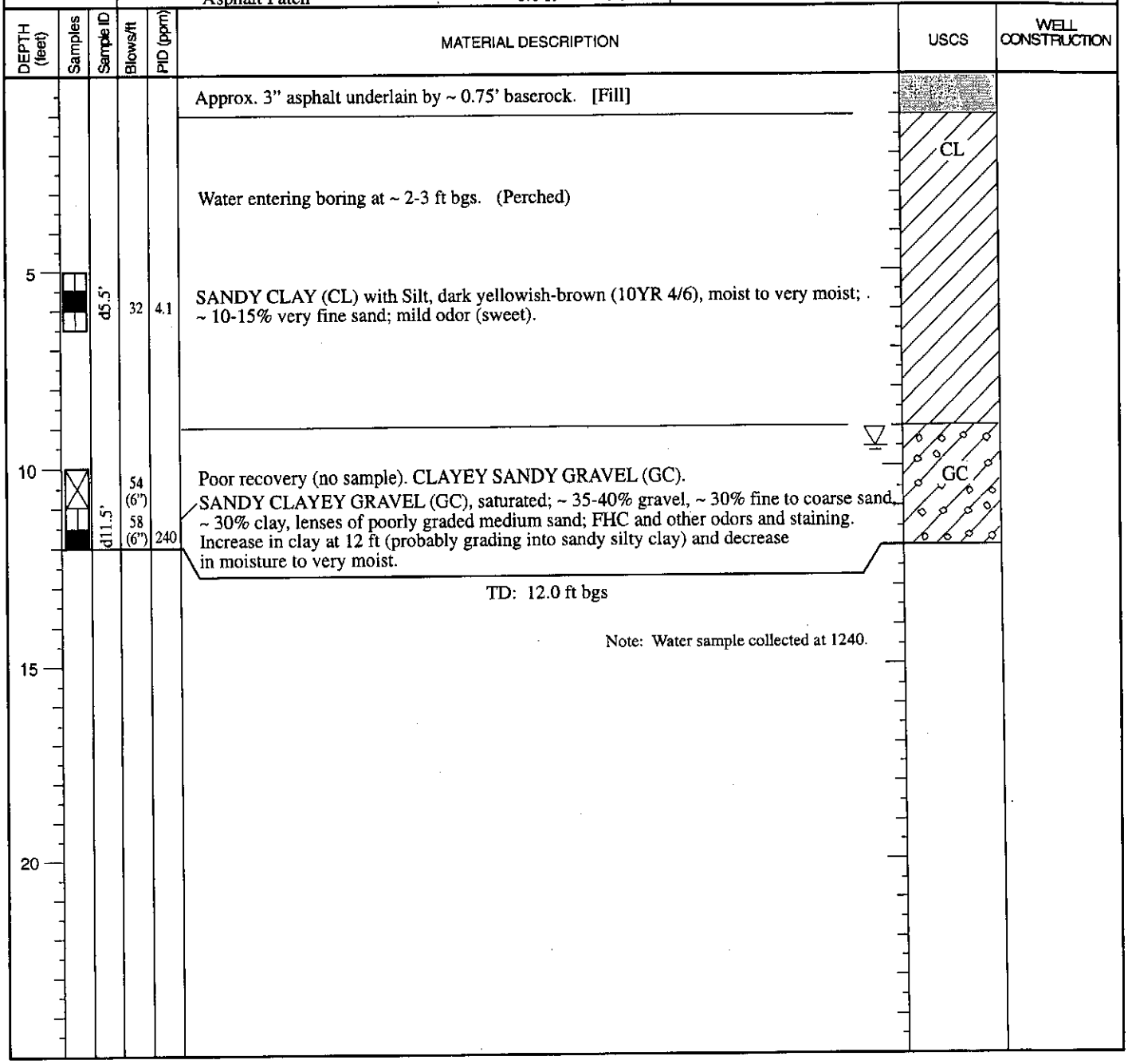
Blank Property
990 San Pablo Avenue
Albany, California

FIGURE 6

JOB NUMBER	REVIEWED BY	DATE	REVISED	SHEET NO.
0589,002.07	EC&A, E.J. VandenBosch	January 2008		1 of 1

(TRACE #467/RG/22Jan08)

BORING LOCATION	990 San Pablo Ave., Albany, CA (Northeast corner of parking lot)	ELEVATION AND DATUM	Ground Surface
		BORING NO.	B-5
DRILLING AGENCY	Clear Heart Drilling, Inc.	DRILLER	Pablo
DATE STARTED / DATE FINISHED	06 Jan 08 → 06 Jan 08		
DRILLING EQUIPMENT	DR-10K	COMPLETION WELL DEPTH	12.0 ft
SAMPLER	Split Spoon		
DRILLING METHOD	Solid Stem Auger	BORING DIA.	4 inches
NO. OF SAMPLES	2 Soil, 1 Grab Groundwater		
SIZE AND TYPE OF CASING	—	FROM — TO —	
WATER LEVEL	FIRST ~ 9.5 ft bgs	MEASURED / SAMPLED	—
TYPE OF PERFORATION	—	FROM — TO —	
CORE BARREL	2.0 inch ϕ	LENGTH	18 inches
SIZE AND TYPE OF PACK	—	FROM — TO —	
LOGGED BY:	EJVB	CHECKED BY:	RWE
TYPE OF SEAL NO. 1	Cement Grout	FROM 1.0 ft TO 12.0 ft	
TYPE OF SEAL NO. 2	Bentonite Chips and Sand Asphalt Patch	FROM 0.5 ft TO 1.0 ft 0.0 ft TO 0.5 ft	
COMMENTS	Soil samples field screened with Photo-Ionization Detector (PID), results in parts per million (ppm).		



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ENVIRONMENTAL CONSULTANTS

LOG OF SOIL BORING B-5

Blank Property
990 San Pablo Avenue
Albany, California

FIGURE 7

JOB NUMBER	REVIEWED BY	DATE	REVISED	SHEET NO.
0589,002.07	EC&A, E.J. VandenBosch	January 2008		1 of 1

(TRACE #4677RG/18Jan08)

BORING LOCATION	990 San Pablo Ave., Albany, CA (Northwest corner of parking lot)	ELEVATION AND DATUM	Ground Surface
		BORING NO.	B-6
DRILLING AGENCY	Clear Heart Drilling, Inc.	DRILLER	Pablo
DATE STARTED / DATE FINISHED	06 Jan 08 → 06 Jan 08		
DRILLING EQUIPMENT	DR-10K	COMPLETION WELL DEPTH	21.5 ft
SAMPLER	Split Spoon		
DRILLING METHOD	Solid Stem Auger	BORING DIA.	4 inches
NO. OF SAMPLES	4 Soil, 1 Grab Groundwater		
SIZE AND TYPE OF CASING	—	FROM — TO —	
WATER LEVEL	FIRST ~ 19.5 ft bgs	MEASURED / SAMPLED	—
TYPE OF PERFORATION	—	FROM — TO —	
CORE BARREL	2.0 inch ϕ	LENGTH	18 inches
SIZE AND TYPE OF PACK	—	FROM — TO —	
LOGGED BY:	EJVB	CHECKED BY:	RWE
TYPE OF SEAL NO. 1	Cement Grout	FROM 1.0 ft TO 21.5 ft	
TYPE OF SEAL NO. 2	Bentonite Chips and Sand Asphalt Patch	FROM 0.5 ft TO 1.0 ft 0.0 ft TO 0.5 ft	
COMMENTS	Soil samples field screened with Photo-Ionization Detector (PID), results in parts per million (ppm).		

DEPTH (feet)	Samples	Sample ID	Blows/ft	PID (ppm)	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
					Approx. 3" asphalt underlain by ~ 0.75' baserock. [Fill]		
					SANDY SILT (CL) with Clay (Fill ?), damp.	CL	
					From cuttings: CLAY (CL), moist at 3 ft.		
5		d5.5'	58	7.9	SILTY SANDY CLAY (CL) with Gravel, moist; increase in sand, silt and gravel at 6 ft; mild FHC odor.		
					CLAYEY GRAVELLY SAND (SC).	SC	
10		d10.5'	18	102	SANDY CLAYEY SILT (ML), gray staining, very moist to wet; FHC odor.	ML	
					SANDY CLAY (CL), yellowish-brown (10YR 5/6) and light olive gray (5Y 6/2), moist; mild to moderate FHC odor.	CL	
15		d15.5'	32	5.8	SANDY SILT (ML) with Clay, ~ 25% very fine sand.	ML	
					Approx. 2 ft free water on outside of sampler. ▽		
20		d20.5'	32	2.0	SANDY SILTY CLAY (CL), moist to very moist, (aquitard material ?), medium plasticity; faint odor.	CL	
					TD: 21.5 ft bgs		
					Note: Water sample collected at 1430. Water probably entering boring in sand lense between 15 and 20 ft or in lense between 10 and 15 ft, but wasn't observed.		

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LOG OF SOIL BORING B-6

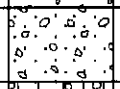
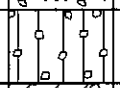
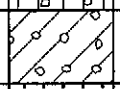
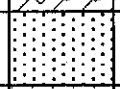
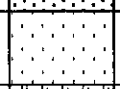
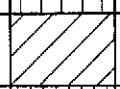
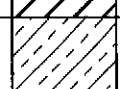
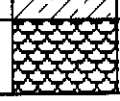
Blank Property
990 San Pablo Avenue
Albany, California

FIGURE 8

JOB NUMBER	REVIEWED BY	DATE	REVISED	SHEET NO.
0589,002.07	EC&A, E.J. VandenBosch	January 2008		1 of 1

(TRACE #467/RG/18Jan08)

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS					TYPICAL NAMES
COARSE-GRAINED SOILS — MORE THAN HALF IS COARSER THAN NO. 200 SIEVE	GRAVELS — MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE SIZE	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW		WELL GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES
			GP		POORLY GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES
		GRAVELS WITH OVER 15% FINES	GM		SILTY GRAVELS, SILTY GRAVELS WITH SAND
			GC		CLAYEY GRAVELS, CLAYEY GRAVELS WITH SAND
	SANDS — MORE THAN HALF COARSE FRACTION IS LESS THAN NO. 4 SIEVE SIZE	CLEAN SANDS WITH LITTLE OR NO FINES	SW		WELL GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES
			SP		POORLY GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES
		SANDS WITH OVER 15% FINES	SM		SILTY SANDS WITH OR WITHOUT GRAVEL
			SC		CLAYEY SANDS WITH OR WITHOUT GRAVEL
FINE-GRAINED SOILS — MORE THAN HALF IS FINER THAN NO. 200 SIEVE	SILTS AND CLAYS — LIQUID LIMIT 50% OR LESS		ML		INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTS WITH SANDS AND GRAVELS
			CL		INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, CLAYS WITH SANDS AND GRAVELS, LEAN CLAYS
			OL		ORGANIC SILTS OR CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS — LIQUID LIMIT GREATER THAN 50%		MH		INORGANIC SILTS, MICACEOUS OR DIATOMACIOUS, FINE SANDY OR SILTY SOILS, ELASTIC SILTS
			CH		INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
			OH		ORGANIC SILTS OR CLAYS OF MEDIUM TO HIGH PLASTICITY
HIGHLY ORGANIC SOILS			PT		PEAT AND OTHER HIGHLY ORGANIC SOILS

- No Soil Sample Attempted
- Sample Observed but Not Retained
- No Recovery in Sampler
- Sample Submitted for Laboratory Analysis -- Sample Depth is Bottom of Sample
- 21 — Blows/Foot: Blows Required to Drive Sampler One Foot Using Hammer Weight of 140 Pounds Falling 30 Inches

- 2.5 YR 6/2 — Soil Color according to Munsell Soil Color Charts (2000 Edition)
- First Encountered Saturated Soil
- Measured Ground Water Level
- Estimated Boundary Between Lithologic Units
- Estimated Gradational Boundary Between Lithologic Units

(TRACE #GENRG/21Nov03)

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ENVIRONMENTAL CONSULTANTS

USCS LOG SYMBOLS
Blank Property
990 San Pablo Avenue
Albany, California

FIGURE 9

JOB NUMBER	REVIEWED BY	DATE	REVISED	REVISED
0589,002.07	EJVB	January 2008		

Table 1. Analytical Results - Soil Samples from Borings
990 San Pablo Avenue, Albany, California

Sample ID/Depth *ft bgs*	Sample Date	TPHg *mg/kg*	TPHd *mg/kg*	TPHmo *mg/kg*	MTBE *mg/kg*	Benzene *mg/kg*	Toluene *mg/kg*	Ethyl-benzene *mg/kg*	Xylenes *mg/kg*
B-1d6.0	01/06/08	ND<1.0	3.7 [B]	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
B-1d10.5	01/06/08	7200 [b,m]	1400 [d,B]	ND<100	ND<5.0	2.0	51	110	400
B-2d5.5	01/06/08	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
B-2d10.5	01/06/08	4500 [b,m]	1400 [d]	ND<100	ND<5.0	13	35	100	380
B-3d5.5	01/06/08	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
B-3d10.5	01/06/08	130 [g,m]	53 [d]	ND<5.0	ND<0.50	0.37	0.29	2.6	0.44
B-4d5.5	01/06/08	140 [g,m]	62 [d]	ND<5.0	ND<0.50	ND<0.050	1.0	0.066	0.094
B-4d10.5	01/06/08	140 [g,m]	15 [d]	ND<5.0	ND<0.50	0.25	1.5	1.3	0.11
B-5d5.5	01/06/08	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
B-5d11.5	01/06/08	32 [g,m]	5.4 [d,B]	ND<5.0	ND<0.25	0.038	0.24	0.051	0.035
B-6d5.5	01/06/08	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
B-6d10.5	01/06/08	32 [g,m]	6.0 [d,B]	ND<5.0	ND<0.05	0.0090	0.41	ND<0.005	0.039
DR-1 *	01/06/08	4.9 [g,m]	2.5 [d,B]	ND<5.0	ND<0.05	ND<0.005	0.027	0.035	0.035

TPHg: Total petroleum hydrocarbons as gasoline
TPHd: Total petroleum hydrocarbons as diesel with silica gel clean-up
TPHmo: Total petroleum hydrocarbons as motor oil with silica gel clean-up
MTBE: Methyl tert-butyl ether
ft bgs: Feet below ground surface
mg/kg: Milligrams per kilogram

ND: Not detected above the reporting limit
b: Heavier gasoline range compounds are significant (aged gasoline?)
B: Diesel range compounds are significant; no recognizable pattern
d: Gasoline range compounds are significant
g: Strongly aged gasoline or diesel range compounds are significant
m: No recognizable pattern
*: Drummed soil cuttings also analyzed for total lead; result was 9.7 mg/kg

Table 2. Analytical Results - Grab-groundwater Samples from Borings: Petroleum Hydrocarbons
990 San Pablo Avenue, Albany, California

Sample ID	Sample Date	TPHg µg/l	TPHd µg/l	TPHmo µg/l	POG mg/l	MTBE µg/l	Benzene µg/l	Toluene µg/l	Ethyl-benzene µg/l	Xylenes µg/l
B-1W	01/06/08	76,000 [b,m,h]	99,000 [d,B,h]	ND<5000	26 [h,i]	ND<50	ND<50	93	3100	9600
B-2W	01/06/08	77,000 [a,h,i]	23,000 [d,h,i]	310 [i]	NA	ND<50	1500	300	2000	6800
B-3W	01/06/08	6200 [a,i]	2000 [d,i]	ND<250 [i]	NA	ND<10	170	32	740	250
B-4W	01/06/08	7700 [a,i]	3100 [d,i]	ND<250 [i]	NA	ND<10	360	ND<10	240	20
B-5W	01/06/08	120 [g,i]	120 [d,i]	ND<250 [i]	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
B-6W	01/06/08	1700 [a,i]	830 [d,i]	ND<250 [i]	NA	ND<2.5	5.2	ND<2.5	100	8.6
DR-W*	01/06/08	730 [b,m]	96 [d]	ND<250	NA	ND<0.5	ND<0.5	ND<0.5	6.9	14

TPHg: Total petroleum hydrocarbons as gasoline
TPHd: Total petroleum hydrocarbons as diesel with silica gel clean-up
TPHmo: Total petroleum hydrocarbons as motor oil with silica gel clean-up
POG: Petroleum oil and grease with silica gel clean-up
MTBE: Methyl tert-butyl ether
µg/l: Micrograms per liter
mg/l: Milligrams per liter
ND: Not detected above the laboratory reporting limit
NA: Not analyzed
a: Unmodified or weakly modified gasoline is significant
b: Heavier gasoline range compounds are significant (aged gasoline?)
B: Diesel range compounds are significant; no recognizable pattern
d: Gasoline range compounds are significant
m: No recognizable pattern
g: Strongly aged gasoline or diesel range compounds are significant
h: Lighter than water immiscible sheen/product is present
i: Liquid sample that contains grater than ~1 vol. % sediment
*: Drummed decon water

MTBE, benzene, toluene, ethylbenzene and xylenes analyzed by Analytical Method SW8260B

Table 3. Analytical Results - Grab-groundwater Samples from Borings: Volatile Organic Compounds
990 San Pablo Avenue, Albany, California

Sample ID	Sample Date	n-Butyl benzene µg/l	sec-Butyl benzene µg/l	Isopropyl-benzene µg/l	n-propyl benzene µg/l	1,2,4-Trimethyl-benzene µg/l	1,3,5-Trimethyl-benzene µg/l	Naphthalene µg/l	2-Butanone µg/l
B-1W (1)	01/06/08	210	68	370	1100	3800	1300	1500	ND<200
B-2W (2)	01/06/08	110	ND<50	140	440	2400	730	610	ND<200
B-3W	01/06/08	25	11	74	190	290	49	55	ND<40
B-4W	01/06/08	46	19	48	160	16	ND<10	100	ND<40
B-5W	01/06/08	2.6	ND<0.5	ND<0.5	0.83	4.8	1.2	6.5	ND<2.0
B-6W	01/06/08	14	5.6	17	60	32	5.8	38	10
DR-W *	01/06/08	6.9	2.4	2.5	11	17	5.5	7.0	ND<2.0

µg/l: Micrograms per liter
(1): Sample also analyzed for semi-volatile organic compounds by Analytical Method SW8270C; results were 3900 µg/l 2-methylnaphthalene and 4000 µg/l naphthalene. In addition, CAM 5 Metals (by Analytical Method 6010B) were not detected above their respective laboratory reporting limits in this sample.
(2): In addition to the detections presented above, 32 µg/l 1,2-dibromo-3-chloropropane was detected in this sample.
*: Drummed decontamination water
ND: Not detected above the reporting limit

Results for MTBE, benzene, toluene, ethylbenzene and xylenes are presented on Table 2

Appendix A

Boring Permit

Alameda County Public Works Agency - Water Resources Well Permit

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

Application Approved on: 11/05/2007 By jamesy

Permit Numbers: W2007-1131
Permits Valid from 01/06/2008 to 01/14/2008

Application Id: 1194044646176
Site Location: 990 San Pablo Avenue, Albany, CA 94706
Project Start Date: 12/10/2007
Extension Start Date: 01/06/2008
Extension Count: 1

City of Project Site: Albany
Completion Date: 12/13/2007
Extension End Date: 01/14/2008
Extended By: vickyh1

Applicant: Edd Clark & Associates - Edd Clark
PO Box 3039, Rohnert Park, CA 94927
Phone: 707-792-9500

Property Owner: Blank Family Trust c/o Muriel Blank
1164 Solano Ave #406, Albany, CA 94706
Phone: --

Client: ** same as Property Owner **

Total Due: $200.00
Receipt Number: WR2007-0493 **Total Amount Paid:** $200.00
Payer Name : Edd Clark & Associates Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Geotechnical Study/CPT's - 6 Boreholes
Driller: Clear Heart - Lic #: 780357 - Method: auger

Work Total: $200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2007-1131	11/05/2007	03/09/2008	6	8.00 in.	20.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

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

6. Cuttings may also be left on site or spread out as long as the applicants has approval from the property owner and the cuttings will not violate the State and County Clean Water laws (NPDES).

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

8. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

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

Appendix B

Analytical Laboratory Reports

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Edd Clark & Associates, Inc. 320 Professional Center Ste. 215 Rohnert Park, CA 94928	Client Project ID: #0589, 002	Date Sampled: 01/06/08
		Date Received: 01/07/08
	Client Contact: Etta Jon Vanden Bosch	Date Reported: 01/15/08
	Client P.O.:	Date Completed: 01/15/08

WorkOrder: 0801145

January 15, 2008

Dear Etta:

Enclosed within are:

1) The results of the **20** analyzed samples from your project: **#0589, 002,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice 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 or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

McCampbell Analytical, Inc.
"When Quality Counts"

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Edd Clark & Associates, Inc.	Client Project ID: #0589, 002	Date Sampled: 01/06/08
320 Professional Center Ste. 215		Date Received: 01/07/08
Rohnert Park, CA 94928	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/07/08
	Client P.O.:	Date Analyzed 01/15/08

Petroleum Oil & Grease with Silica Gel Clean-Up*

Analytical methods: SM5520B/F Work Order: 0801145

Lab ID	Client ID	Matrix	POG	DF	% SS
0801145-003C	B-1W	W	26,h,i	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	5.0	mg/L
	S	NA	NA

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

DF = dilution factor (may be raised to dilute target analyte or matrix interference).

surrogate diluted out of range or not applicable to this sample.

g) sample extract repeatedly cleaned up with silica gel until constant IR result achieved; h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) results are reported on a dry weight basis.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Edd Clark & Associates, Inc.	Client Project ID: #0589, 002	Date Sampled: 01/06/08
		Date Received: 01/07/08
320 Professional Center Ste. 215	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/09/08
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed 01/09/08

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0801145

Lab ID	0801145-003B
Client ID	B-1W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1000	100	10	Acrolein (Propenal)	ND<500	100	5.0
Acrylonitrile	ND<200	100	2.0	tert-Amyl methyl ether (TAME)	ND<50	100	0.5
Benzene	ND<50	100	0.5	Bromobenzene	ND<50	100	0.5
Bromochloromethane	ND<50	100	0.5	Bromodichloromethane	ND<50	100	0.5
Bromoform	ND<50	100	0.5	Bromomethane	ND<50	100	0.5
2-Butanone (MEK)	ND<200	100	2.0	t-Butyl alcohol (TBA)	ND<200	100	2.0
n-Butyl benzene	210	100	0.5	sec-Butyl benzene	68	100	0.5
tert-Butyl benzene	ND<50	100	0.5	Carbon Tetrachloride	ND<50	100	0.5
Carbon Disulfide	ND<50	100	0.5	Chlorobenzene	ND<50	100	0.5
Chloroethane	ND<50	100	0.5	2-Chloroethyl Vinyl Ether	ND<100	100	1.0
Chloroform	ND<50	100	0.5	Chloromethane	ND<50	100	0.5
2-Chlorotoluene	ND<50	100	0.5	4-Chlorotoluene	ND<50	100	0.5
Dibromochloromethane	ND<50	100	0.5	1,2-Dibromo-3-chloropropane	ND<20	100	0.2
1,2-Dibromoethane (EDB)	ND<50	100	0.5	Dibromomethane	ND<50	100	0.5
1,2-Dichlorobenzene	ND<50	100	0.5	1,3-Dichlorobenzene	ND<50	100	0.5
1,4-Dichlorobenzene	ND<50	100	0.5	Dichlorodifluoromethane	ND<50	100	0.5
1,1-Dichloroethane	ND<50	100	0.5	1,2-Dichloroethane (1,2-DCA)	ND<50	100	0.5
1,1-Dichloroethene	ND<50	100	0.5	cis-1,2-Dichloroethene	ND<50	100	0.5
trans-1,2-Dichloroethene	ND<50	100	0.5	1,2-Dichloropropane	ND<50	100	0.5
1,3-Dichloropropane	ND<50	100	0.5	2,2-Dichloropropane	ND<50	100	0.5
1,1-Dichloropropene	ND<50	100	0.5	cis-1,3-Dichloropropene	ND<50	100	0.5
trans-1,3-Dichloropropene	ND<50	100	0.5	Diisopropyl ether (DIPE)	ND<50	100	0.5
Ethylbenzene	3100	100	0.5	Ethyl tert-butyl ether (ETBE)	ND<50	100	0.5
Freon 113	ND<1000	100	10	Hexachlorobutadiene	ND<50	100	0.5
Hexachloroethane	ND<50	100	0.5	2-Hexanone	ND<50	100	0.5
Isopropylbenzene	370	100	0.5	4-Isopropyl toluene	ND<50	100	0.5
Methyl-t-butyl ether (MTBE)	ND<50	100	0.5	Methylene chloride	ND<50	100	0.5
4-Methyl-2-pentanone (MIBK)	ND<50	100	0.5	Naphthalene	1500	100	0.5
Nitrobenzene	ND<1000	100	10	n-Propyl benzene	1100	100	0.5
Styrene	ND<50	100	0.5	1,1,1,2-Tetrachloroethane	ND<50	100	0.5
1,1,2,2-Tetrachloroethane	ND<50	100	0.5	Tetrachloroethene	ND<50	100	0.5
Toluene	93	100	0.5	1,2,3-Trichlorobenzene	ND<50	100	0.5
1,2,4-Trichlorobenzene	ND<50	100	0.5	1,1,1-Trichloroethane	ND<50	100	0.5
1,1,2-Trichloroethane	ND<50	100	0.5	Trichloroethene	ND<50	100	0.5
Trichlorofluoromethane	ND<50	100	0.5	1,2,3-Trichloropropane	ND<50	100	0.5
1,2,4-Trimethylbenzene	3800	100	0.5	1,3,5-Trimethylbenzene	1300	100	0.5
Vinyl Chloride	ND<50	100	0.5	Xylenes	9600	100	0.5

Surrogate Recoveries (%)

%SS1:	100	%SS2:	100
%SS3:	99		

Comments: h,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; J) analyte detected below quantitation limits; 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; q) reported in ppm.

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		Date Received: 01/07/08
320 Professional Center Ste. 215	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/09/08
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed 01/09/08

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0801145

Lab ID	0801145-007B
Client ID	B-2W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1000	100	10	Acrolein (Propenal)	ND<500	100	5.0
Acrylonitrile	ND<200	100	2.0	tert-Amyl methyl ether (TAME)	ND<50	100	0.5
Benzene	1500	100	0.5	Bromobenzene	ND<50	100	0.5
Bromochloromethane	ND<50	100	0.5	Bromodichloromethane	ND<50	100	0.5
Bromoform	ND<50	100	0.5	Bromomethane	ND<50	100	0.5
2-Butanone (MEK)	ND<200	100	2.0	t-Butyl alcohol (TBA)	ND<200	100	2.0
n-Butyl benzene	110	100	0.5	sec-Butyl benzene	ND<50	100	0.5
tert-Butyl benzene	ND<50	100	0.5	Carbon Tetrachloride	ND<50	100	0.5
Carbon Disulfide	ND<50	100	0.5	Chlorobenzene	ND<50	100	0.5
Chloroethane	ND<50	100	0.5	2-Chloroethyl Vinyl Ether	ND<100	100	1.0
Chloroform	ND<50	100	0.5	Chloromethane	ND<50	100	0.5
2-Chlorotoluene	ND<50	100	0.5	4-Chlorotoluene	ND<50	100	0.5
Dibromochloromethane	ND<50	100	0.5	1,2-Dibromo-3-chloropropane	32	100	0.2
1,2-Dibromoethane (EDB)	ND<50	100	0.5	Dibromomethane	ND<50	100	0.5
1,2-Dichlorobenzene	ND<50	100	0.5	1,3-Dichlorobenzene	ND<50	100	0.5
1,4-Dichlorobenzene	ND<50	100	0.5	Dichlorodifluoromethane	ND<50	100	0.5
1,1-Dichloroethane	ND<50	100	0.5	1,2-Dichloroethane (1,2-DCA)	ND<50	100	0.5
1,1-Dichloroethene	ND<50	100	0.5	cis-1,2-Dichloroethene	ND<50	100	0.5
trans-1,2-Dichloroethene	ND<50	100	0.5	1,2-Dichloropropane	ND<50	100	0.5
1,3-Dichloropropane	ND<50	100	0.5	2,2-Dichloropropane	ND<50	100	0.5
1,1-Dichloropropene	ND<50	100	0.5	cis-1,3-Dichloropropene	ND<50	100	0.5
trans-1,3-Dichloropropene	ND<50	100	0.5	Diisopropyl ether (DIPE)	ND<50	100	0.5
Ethylbenzene	2000	100	0.5	Ethyl tert-butyl ether (ETBE)	ND<50	100	0.5
Freon 113	ND<1000	100	10	Hexachlorobutadiene	ND<50	100	0.5
Hexachloroethane	ND<50	100	0.5	2-Hexanone	ND<50	100	0.5
Isopropylbenzene	140	100	0.5	4-Isopropyl toluene	ND<50	100	0.5
Methyl-t-butyl ether (MTBE)	ND<50	100	0.5	Methylene chloride	ND<50	100	0.5
4-Methyl-2-pentanone (MIBK)	ND<50	100	0.5	Naphthalene	610	100	0.5
Nitrobenzene	ND<1000	100	10	n-Propyl benzene	440	100	0.5
Styrene	ND<50	100	0.5	1,1,1,2-Tetrachloroethane	ND<50	100	0.5
1,1,2,2-Tetrachloroethane	ND<50	100	0.5	Tetrachloroethene	ND<50	100	0.5
Toluene	300	100	0.5	1,2,3-Trichlorobenzene	ND<50	100	0.5
1,2,4-Trichlorobenzene	ND<50	100	0.5	1,1,1-Trichloroethane	ND<50	100	0.5
1,1,2-Trichloroethane	ND<50	100	0.5	Trichloroethene	ND<50	100	0.5
Trichlorofluoromethane	ND<50	100	0.5	1,2,3-Trichloropropane	ND<50	100	0.5
1,2,4-Trimethylbenzene	2400	100	0.5	1,3,5-Trimethylbenzene	730	100	0.5
Vinyl Chloride	ND<50	100	0.5	Xylenes	6800	100	0.5

Surrogate Recoveries (%)

%SS1:	100	%SS2:	100
%SS3:	99		

Comments: h,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; J) analyte detected below quantitation limits; 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; q) reported in ppm.

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		Date Received: 01/07/08
320 Professional Center Ste. 215	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/09/08
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed 01/09/08

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0801145

Lab ID	0801145-012B
Client ID	B-3W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<200	20	10	Acrolein (Propenal)	ND<100	20	5.0
Acrylonitrile	ND<40	20	2.0	tert-Amyl methyl ether (TAME)	ND<10	20	0.5
Benzene	170	20	0.5	Bromobenzene	ND<10	20	0.5
Bromochloromethane	ND<10	20	0.5	Bromodichloromethane	ND<10	20	0.5
Bromoform	ND<10	20	0.5	Bromomethane	ND<10	20	0.5
2-Butanone (MEK)	ND<40	20	2.0	t-Butyl alcohol (TBA)	ND<40	20	2.0
n-Butyl benzene	25	20	0.5	sec-Butyl benzene	11	20	0.5
tert-Butyl benzene	ND<10	20	0.5	Carbon Tetrachloride	ND<10	20	0.5
Carbon Disulfide	ND<10	20	0.5	Chlorobenzene	ND<10	20	0.5
Chloroethane	ND<10	20	0.5	2-Chloroethyl Vinyl Ether	ND<20	20	1.0
Chloroform	ND<10	20	0.5	Chloromethane	ND<10	20	0.5
2-Chlorotoluene	ND<10	20	0.5	4-Chlorotoluene	ND<10	20	0.5
Dibromochloromethane	ND<10	20	0.5	1,2-Dibromo-3-chloropropane	ND<4.0	20	0.2
1,2-Dibromoethane (EDB)	ND<10	20	0.5	Dibromomethane	ND<10	20	0.5
1,2-Dichlorobenzene	ND<10	20	0.5	1,3-Dichlorobenzene	ND<10	20	0.5
1,4-Dichlorobenzene	ND<10	20	0.5	Dichlorodifluoromethane	ND<10	20	0.5
1,1-Dichloroethane	ND<10	20	0.5	1,2-Dichloroethane (1,2-DCA)	ND<10	20	0.5
1,1-Dichloroethene	ND<10	20	0.5	cis-1,2-Dichloroethene	ND<10	20	0.5
trans-1,2-Dichloroethene	ND<10	20	0.5	1,2-Dichloropropane	ND<10	20	0.5
1,3-Dichloropropane	ND<10	20	0.5	2,2-Dichloropropane	ND<10	20	0.5
1,1-Dichloropropene	ND<10	20	0.5	cis-1,3-Dichloropropene	ND<10	20	0.5
trans-1,3-Dichloropropene	ND<10	20	0.5	Diisopropyl ether (DIPE)	ND<10	20	0.5
Ethylbenzene	740	20	0.5	Ethyl tert-butyl ether (ETBE)	ND<10	20	0.5
Freon 113	ND<200	20	10	Hexachlorobutadiene	ND<10	20	0.5
Hexachloroethane	ND<10	20	0.5	2-Hexanone	ND<10	20	0.5
Isopropylbenzene	74	20	0.5	4-Isopropyl toluene	ND<10	20	0.5
Methyl-t-butyl ether (MTBE)	ND<10	20	0.5	Methylene chloride	ND<10	20	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	20	0.5	Naphthalene	55	20	0.5
Nitrobenzene	ND<200	20	10	n-Propyl benzene	190	20	0.5
Styrene	ND<10	20	0.5	1,1,1,2-Tetrachloroethane	ND<10	20	0.5
1,1,2,2-Tetrachloroethane	ND<10	20	0.5	Tetrachloroethene	ND<10	20	0.5
Toluene	32	20	0.5	1,2,3-Trichlorobenzene	ND<10	20	0.5
1,2,4-Trichlorobenzene	ND<10	20	0.5	1,1,1-Trichloroethane	ND<10	20	0.5
1,1,2-Trichloroethane	ND<10	20	0.5	Trichloroethene	ND<10	20	0.5
Trichlorofluoromethane	ND<10	20	0.5	1,2,3-Trichloropropane	ND<10	20	0.5
1,2,4-Trimethylbenzene	290	20	0.5	1,3,5-Trimethylbenzene	49	20	0.5
Vinyl Chloride	ND<10	20	0.5	Xylenes	250	20	0.5

Surrogate Recoveries (%)

%SS1:	101	%SS2:	101
%SS3:	99		

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; J) analyte detected below quantitation limits; 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; q) reported in ppm.

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320 Professional Center Ste. 215	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/09/08
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed 01/09/08

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0801145

Lab ID	0801145-016B
Client ID	B-4W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<200	20	10	Acrolein (Propenal)	ND<100	20	5.0
Acrylonitrile	ND<40	20	2.0	tert-Amyl methyl ether (TAME)	ND<10	20	0.5
Benzene	360	20	0.5	Bromobenzene	ND<10	20	0.5
Bromochloromethane	ND<10	20	0.5	Bromodichloromethane	ND<10	20	0.5
Bromoform	ND<10	20	0.5	Bromomethane	ND<10	20	0.5
2-Butanone (MEK)	ND<40	20	2.0	t-Butyl alcohol (TBA)	ND<40	20	2.0
n-Butyl benzene	46	20	0.5	sec-Butyl benzene	19	20	0.5
tert-Butyl benzene	ND<10	20	0.5	Carbon Tetrachloride	ND<10	20	0.5
Carbon Disulfide	ND<10	20	0.5	Chlorobenzene	ND<10	20	0.5
Chloroethane	ND<10	20	0.5	2-Chloroethyl Vinyl Ether	ND<20	20	1.0
Chloroform	ND<10	20	0.5	Chloromethane	ND<10	20	0.5
2-Chlorotoluene	ND<10	20	0.5	4-Chlorotoluene	ND<10	20	0.5
Dibromochloromethane	ND<10	20	0.5	1,2-Dibromo-3-chloropropane	ND<4.0	20	0.2
1,2-Dibromoethane (EDB)	ND<10	20	0.5	Dibromomethane	ND<10	20	0.5
1,2-Dichlorobenzene	ND<10	20	0.5	1,3-Dichlorobenzene	ND<10	20	0.5
1,4-Dichlorobenzene	ND<10	20	0.5	Dichlorodifluoromethane	ND<10	20	0.5
1,1-Dichloroethane	ND<10	20	0.5	1,2-Dichloroethane (1,2-DCA)	ND<10	20	0.5
1,1-Dichloroethene	ND<10	20	0.5	cis-1,2-Dichloroethene	ND<10	20	0.5
trans-1,2-Dichloroethene	ND<10	20	0.5	1,2-Dichloropropane	ND<10	20	0.5
1,3-Dichloropropane	ND<10	20	0.5	2,2-Dichloropropane	ND<10	20	0.5
1,1-Dichloropropene	ND<10	20	0.5	cis-1,3-Dichloropropene	ND<10	20	0.5
trans-1,3-Dichloropropene	ND<10	20	0.5	Diisopropyl ether (DIPE)	ND<10	20	0.5
Ethylbenzene	240	20	0.5	Ethyl tert-butyl ether (ETBE)	ND<10	20	0.5
Freon 113	ND<200	20	10	Hexachlorobutadiene	ND<10	20	0.5
Hexachloroethane	ND<10	20	0.5	2-Hexanone	ND<10	20	0.5
Isopropylbenzene	48	20	0.5	4-Isopropyl toluene	ND<10	20	0.5
Methyl-t-butyl ether (MTBE)	ND<10	20	0.5	Methylene chloride	ND<10	20	0.5
4-Methyl-2-pentanone (MIBK)	ND<10	20	0.5	Naphthalene	100	20	0.5
Nitrobenzene	ND<200	20	10	n-Propyl benzene	160	20	0.5
Styrene	ND<10	20	0.5	1,1,1,2-Tetrachloroethane	ND<10	20	0.5
1,1,2,2-Tetrachloroethane	ND<10	20	0.5	Tetrachloroethene	ND<10	20	0.5
Toluene	ND<10	20	0.5	1,2,3-Trichlorobenzene	ND<10	20	0.5
1,2,4-Trichlorobenzene	ND<10	20	0.5	1,1,1-Trichloroethane	ND<10	20	0.5
1,1,2-Trichloroethane	ND<10	20	0.5	Trichloroethene	ND<10	20	0.5
Trichlorofluoromethane	ND<10	20	0.5	1,2,3-Trichloropropane	ND<10	20	0.5
1,2,4-Trimethylbenzene	16	20	0.5	1,3,5-Trimethylbenzene	ND<10	20	0.5
Vinyl Chloride	ND<10	20	0.5	Xylenes	20	20	0.5

Surrogate Recoveries (%)

%SS1:	101	%SS2:	100
%SS3:	99		

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; J) analyte detected below quantitation limits; 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; q) reported in ppm.

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Edd Clark & Associates, Inc.	Client Project ID: #0589, 002	Date Sampled: 01/06/08
		Date Received: 01/07/08
320 Professional Center Ste. 215	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/09/08
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed 01/09/08

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0801145

Lab ID	0801145-019B
Client ID	B-5W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	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	2.0
n-Butyl benzene	2.6	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	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	0.2
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	6.5	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	0.83	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	4.8	1.0	0.5	1,3,5-Trimethylbenzene	1.2	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	103	%SS2:	100
%SS3:	99		

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; J) analyte detected below quantitation limits; 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; q) reported in ppm.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

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Edd Clark & Associates, Inc.	Client Project ID: #0589, 002	Date Sampled: 01/06/08
		Date Received: 01/07/08
320 Professional Center Ste. 215	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/09/08
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed 01/09/08

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0801145

Lab ID	0801145-024B
Client ID	B-6W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<50	5.0	10	Acrolein (Propenal)	ND<25	5.0	5.0
Acrylonitrile	ND<10	5.0	2.0	tert-Amyl methyl ether (TAME)	ND<2.5	5.0	0.5
Benzene	5.2	5.0	0.5	Bromobenzene	ND<2.5	5.0	0.5
Bromochloromethane	ND<2.5	5.0	0.5	Bromodichloromethane	ND<2.5	5.0	0.5
Bromoform	ND<2.5	5.0	0.5	Bromomethane	ND<2.5	5.0	0.5
2-Butanone (MEK)	10	5.0	2.0	t-Butyl alcohol (TBA)	ND<10	5.0	2.0
n-Butyl benzene	14	5.0	0.5	sec-Butyl benzene	5.6	5.0	0.5
tert-Butyl benzene	ND<2.5	5.0	0.5	Carbon Tetrachloride	ND<2.5	5.0	0.5
Carbon Disulfide	ND<2.5	5.0	0.5	Chlorobenzene	ND<2.5	5.0	0.5
Chloroethane	ND<2.5	5.0	0.5	2-Chloroethyl Vinyl Ether	ND<5.0	5.0	1.0
Chloroform	ND<2.5	5.0	0.5	Chloromethane	ND<2.5	5.0	0.5
2-Chlorotoluene	ND<2.5	5.0	0.5	4-Chlorotoluene	ND<2.5	5.0	0.5
Dibromochloromethane	ND<2.5	5.0	0.5	1,2-Dibromo-3-chloropropane	ND<1.0	5.0	0.2
1,2-Dibromoethane (EDB)	ND<2.5	5.0	0.5	Dibromomethane	ND<2.5	5.0	0.5
1,2-Dichlorobenzene	ND<2.5	5.0	0.5	1,3-Dichlorobenzene	ND<2.5	5.0	0.5
1,4-Dichlorobenzene	ND<2.5	5.0	0.5	Dichlorodifluoromethane	ND<2.5	5.0	0.5
1,1-Dichloroethane	ND<2.5	5.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND<2.5	5.0	0.5
1,1-Dichloroethene	ND<2.5	5.0	0.5	cis-1,2-Dichloroethene	ND<2.5	5.0	0.5
trans-1,2-Dichloroethene	ND<2.5	5.0	0.5	1,2-Dichloropropane	ND<2.5	5.0	0.5
1,3-Dichloropropane	ND<2.5	5.0	0.5	2,2-Dichloropropane	ND<2.5	5.0	0.5
1,1-Dichloropropene	ND<2.5	5.0	0.5	cis-1,3-Dichloropropene	ND<2.5	5.0	0.5
trans-1,3-Dichloropropene	ND<2.5	5.0	0.5	Diisopropyl ether (DIPE)	ND<2.5	5.0	0.5
Ethylbenzene	100	5.0	0.5	Ethyl tert-butyl ether (ETBE)	ND<2.5	5.0	0.5
Freon 113	ND<50	5.0	10	Hexachlorobutadiene	ND<2.5	5.0	0.5
Hexachloroethane	ND<2.5	5.0	0.5	2-Hexanone	ND<2.5	5.0	0.5
Isopropylbenzene	17	5.0	0.5	4-Isopropyl toluene	ND<2.5	5.0	0.5
Methyl-t-butyl ether (MTBE)	ND<2.5	5.0	0.5	Methylene chloride	ND<2.5	5.0	0.5
4-Methyl-2-pentanone (MIBK)	ND<2.5	5.0	0.5	Naphthalene	38	5.0	0.5
Nitrobenzene	ND<50	5.0	10	n-Propyl benzene	60	5.0	0.5
Styrene	ND<2.5	5.0	0.5	1,1,1,2-Tetrachloroethane	ND<2.5	5.0	0.5
1,1,2,2-Tetrachloroethane	ND<2.5	5.0	0.5	Tetrachloroethene	ND<2.5	5.0	0.5
Toluene	ND<2.5	5.0	0.5	1,2,3-Trichlorobenzene	ND<2.5	5.0	0.5
1,2,4-Trichlorobenzene	ND<2.5	5.0	0.5	1,1,1-Trichloroethane	ND<2.5	5.0	0.5
1,1,2-Trichloroethane	ND<2.5	5.0	0.5	Trichloroethene	ND<2.5	5.0	0.5
Trichlorofluoromethane	ND<2.5	5.0	0.5	1,2,3-Trichloropropane	ND<2.5	5.0	0.5
1,2,4-Trimethylbenzene	32	5.0	0.5	1,3,5-Trimethylbenzene	5.8	5.0	0.5
Vinyl Chloride	ND<2.5	5.0	0.5	Xylenes	8.6	5.0	0.5

Surrogate Recoveries (%)

%SS1:	103	%SS2:	100
%SS3:	99		

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; J) analyte detected below quantitation limits; 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; q) reported in ppm.

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Edd Clark & Associates, Inc.	Client Project ID: #0589, 002	Date Sampled: 01/06/08
		Date Received: 01/07/08
320 Professional Center Ste. 215	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/09/08
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed 01/09/08

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0801145

Lab ID	0801145-026B
Client ID	DR-W
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	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	2.0
n-Butyl benzene	6.9	1.0	0.5	sec-Butyl benzene	2.4	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	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	0.2
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	6.9	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	2.5	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	7.0	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	11	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	17	1.0	0.5	1,3,5-Trimethylbenzene	5.5	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	14	1.0	0.5

Surrogate Recoveries (%)

%SS1:	103	%SS2:	101
%SS3:	99		

Comments:

* 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.

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		Date Received: 01/07/08
320 Professional Center Ste. 215	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/07/08
Rohnert Park, CA 94928	Client P.O.:	Date Analyzed 01/15/08

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

Extraction Method: SW3510C Analytical Method: SW8270C Work Order: 0801145

Lab ID	0801145-003D
Client ID	B-1W
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
Benzidine	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) Phthalate	ND<1000	50	20	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	3900	50	10	2-Methylphenol (o-Cresol)	ND<500	50	10
3 &/or 4-Methylphenol (m,p-Cres	ND<500	50	10	Naphthalene	4000	50	10
2-Nitroaniline	ND<2500	50	50	3-Nitroaniline	ND<2500	50	50
4-Nitroaniline	ND<2500	50	50	Nitrobenzene	ND<500	50	10
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:	35
%SS3:	---#	%SS4:	102
%SS5:	---#	%SS6:	117

Comments: h,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; J) analyte detected below quantitation limits.

DHS ELAP Certification N° 1644

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Edd Clark & Associates, Inc.	Client Project ID: #0589, 002	Date Sampled: 01/06/08
320 Professional Center Ste. 215		Date Received: 01/07/08
Rohnert Park, CA 94928	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/07/08
	Client P.O.:	Date Analyzed 01/08/08-01/11/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0801145

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-1d6.0	S	ND	ND	ND	ND	ND	ND	1	76
002A	B-1d10.5	S	7200,b,m	ND<5.0	2.0	51	110	400	100	99
004A	B-2d5.5	S	ND	ND	ND	ND	ND	ND	1	95
005A	B-2d10.5	S	4500,b,m	ND<5.0	13	35	100	380	100	101
008A	B-3d5.5	S	ND	ND	ND	ND	ND	ND	1	93
009A	B-3d10.5	S	130,g,m	ND<0.50	0.37	0.29	2.6	0.44	10	106
013A	B4d5.5	S	140,g,m	ND<0.50	ND<0.050	1.0	0.066	0.094	10	114
014A	B-4d10.5	S	140,g,m	ND<0.50	0.25	1.5	1.3	0.11	10	109
017A	B-5d5.5	S	ND	ND	ND	ND	ND	ND	1	93
018A	B-5d11.5	S	32,g,m	ND<0.25	0.038	0.24	0.051	0.035	5	102
020A	B-6d5.5	S	ND	ND	ND	ND	ND	ND	1	93
021A	B-6d10.5	S	32,g,m	ND	0.0090	0.41	ND	0.039	1	92
025A	DR-1	S	4.9,g,m	ND	ND	0.027	0.035	0.035	1	87
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	NA	NA	NA	NA	NA	NA	1	ug/L
		S	1.0	0.05	0.005	0.005	0.005	0.005	1	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 McCampbell 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 organic / 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; p) see attached narrative.

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Edd Clark & Associates, Inc.	Client Project ID: #0589, 002	Date Sampled: 01/06/08
320 Professional Center Ste. 215		Date Received: 01/07/08
Rohnert Park, CA 94928	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/08/08-01/10/08
	Client P.O.:	Date Analyzed 01/08/08-01/10/08

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

Extraction method SW5030B Analytical methods SW8015Cm Work Order: 0801145

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
003A	B-1W	W	76,000,b,m,h	100	113
007A	B-2W	W	77,000,a,h,i	100	95
012A	B-3W	W	6200,a,i	5	98
016A	B-4W	W	7700,a,i	5	118
019A	B-5W	W	120,g,i	1	106
024A	B-6W	W	1700,a,i	1	112
026A	DR-W	W	730,b,m	1	97

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

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/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 McCampbell 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) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.

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Edd Clark & Associates, Inc. 320 Professional Center Ste. 215 Rohnert Park, CA 94928	Client Project ID: #0589, 002	Date Sampled: 01/06/08
		Date Received: 01/07/08
	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/07/08
	Client P.O.:	Date Analyzed 01/08/08

Lead by ICP*

Extraction method SW3050B Analytical methods 6010C Work Order: 0801145

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0801145-025A	DR-1	S	TOTAL	9.7	1	102

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

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

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

TOTAL = acid digestion.

WET = Waste Extraction Test (STLC).

DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

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Edd Clark & Associates, Inc.	Client Project ID: #0589, 002	Date Sampled: 01/06/08
320 Professional Center Ste. 215		Date Received: 01/07/08
Rohnert Park, CA 94928	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/07/08
	Client P.O.:	Date Analyzed 01/07/08-01/09/08

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C/SW3550C/3630C Analytical methods: SW8015C Work Order: 0801145

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0801145-001A	B-1d6.0	S	3.7,b	ND	1	103
0801145-002A	B-1d10.5	S	1400,d,b	ND<100	20	96
0801145-003A	B-1W	W	99,000,d,b,h	ND<5000	20	90
0801145-004A	B-2d5.5	S	ND	ND	1	105
0801145-005A	B-2d10.5	S	1400,d	ND<100	20	85
0801145-007A	B-2W	W	23,000,d,h,i	310,i	1	112
0801145-008A	B-3d5.5	S	ND	ND	1	96
0801145-009A	B-3d10.5	S	53,d	ND	1	114
0801145-012A	B-3W	W	2000,d,i	ND,i	1	112
0801145-013A	B4d5.5	S	62,d	ND	1	100
0801145-014A	B-4d10.5	S	15,d	ND	1	94
0801145-016A	B-4W	W	3100,d,i	ND,i	1	115
0801145-017A	B-5d5.5	S	ND	ND	1	95
0801145-018A	B-5d11.5	S	5.4,d,b	ND	1	98
0801145-019A	B-5W	W	120,d,i	ND,i	1	112
0801145-020A	B-6d5.5	S	ND	ND	1	95

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 McCampbell 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; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; r) results are reported on a dry weight basis

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Edd Clark & Associates, Inc.	Client Project ID: #0589, 002	Date Sampled: 01/06/08
320 Professional Center Ste. 215		Date Received: 01/07/08
Rohnert Park, CA 94928	Client Contact: Etta Jon Vanden Bosch	Date Extracted: 01/07/08
	Client P.O.:	Date Analyzed 01/07/08-01/09/08

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C/SW3550C/3630C Analytical methods: SW8015C Work Order: 0801145

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0801145-021A	B-6d10.5	S	6.0,d,b	ND	1	97
0801145-024A	B-6W	W	830,d,i	ND,i	1	112
0801145-025A	DR-1	S	2.5,d,b	ND	1	96
0801145-026A	DR-W	W	96,d	ND	1	102

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 McCampbell 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; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; r) results are reported on a dry weight basis

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QC SUMMARY REPORT FOR SM5520B/F

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0801145

EPA Method SM5520B/F	Extraction SM5520B/F				BatchID: 33014			Spiked Sample ID: N/A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
POG	N/A	100	N/A	N/A	N/A	86.6	89.4	3.23	N/A	N/A	70 - 130	25

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 33014 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801145-003C	01/06/08 11:15 AM	01/07/08	01/15/08 10:57 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.

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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QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0801145

EPA Method SW8260B	Extraction SW5030B				BatchID: 33011			Spiked Sample ID: 0801172-006B				
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	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	103	98.4	5.00	115	117	1.71	70 - 130	30	70 - 130	30
Benzene	ND	10	116	113	2.07	121	123	1.56	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	84.5	90.1	6.41	89.1	92.8	4.03	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	101	90.1	11.0	101	103	1.16	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	88.6	80.6	9.42	87.9	88.3	0.464	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	127	125	2.03	110	111	1.29	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	128	129	0.125	126	127	0.223	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	123	126	2.00	129	129	0	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	109	110	0.843	117	120	2.20	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	117	121	3.41	109	111	1.65	70 - 130	30	70 - 130	30
Toluene	ND	10	96.4	85.7	11.2	96.3	98	1.71	70 - 130	30	70 - 130	30
Trichloroethene	8.1	10	84.6	82	1.58	85.6	86.1	0.543	70 - 130	30	70 - 130	30
%SS1:	103	10	104	106	2.08	93	91	2.17	70 - 130	30	70 - 130	30
%SS2:	100	10	95	90	4.74	97	96	1.12	70 - 130	30	70 - 130	30
%SS3:	99	10	91	88	4.13	100	101	0.500	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 33011 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801145-003B	01/06/08 11:15 AM	01/09/08	01/09/08 1:25 AM	0801145-007B	01/06/08 10:10 AM	01/09/08	01/09/08 2:11 AM
0801145-012B	01/06/08 3:55 PM	01/09/08	01/09/08 2:56 AM	0801145-016B	01/06/08 9:10 AM	01/09/08	01/09/08 3:42 AM
0801145-019B	01/06/08 12:40 PM	01/09/08	01/09/08 4:26 AM	0801145-024B	01/06/08 2:30 PM	01/09/08	01/09/08 5:11 AM
0801145-026B	01/06/08 4:20 PM	01/09/08	01/09/08 5:56 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.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0801145

EPA Method SW8015Cm	Extraction SW5030B				BatchID: 33019			Spiked Sample ID: 0801116-001A				
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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	115	109	5.83	113	108	4.74	70 - 130	30	70 - 130	30
MTBE	ND	10	101	96.4	4.65	107	103	4.24	70 - 130	30	70 - 130	30
Benzene	ND	10	99.4	93.1	6.58	97.6	96.3	1.34	70 - 130	30	70 - 130	30
Toluene	ND	10	100	93.7	6.71	97.1	96.9	0.156	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	105	99.7	5.49	102	103	0.886	70 - 130	30	70 - 130	30
Xylenes	ND	30	120	110	8.70	113	117	2.90	70 - 130	30	70 - 130	30
%SS:	96	10	95	88	7.59	91	88	3.93	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 33019 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801145-003A	01/06/08 11:15 AM	01/08/08	01/08/08 2:29 PM	0801145-007A	01/06/08 10:10 AM	01/08/08	01/08/08 1:29 PM
0801145-012A	01/06/08 3:55 PM	01/10/08	01/10/08 1:29 AM	0801145-016A	01/06/08 9:10 AM	01/10/08	01/10/08 12:59 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.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0801145

EPA Method SW8021B/8015Cm	Extraction SW5030B				BatchID: 33043				Spiked Sample ID: 0801146-022A			
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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	89.8	93.7	4.20	106	97.4	8.29	70 - 130	30	70 - 130	30
MTBE	ND	0.10	88.6	89.1	0.567	103	104	0.906	70 - 130	30	70 - 130	30
Benzene	ND	0.10	99	97.2	1.76	93.1	92	1.11	70 - 130	30	70 - 130	30
Toluene	ND	0.10	86.8	83.4	3.90	86.7	86	0.787	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	100	96.1	3.99	93.5	94.2	0.708	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	91.3	90.3	1.10	92	91.3	0.727	70 - 130	30	70 - 130	30
%SS:	80	0.10	87	100	13.8	86	86	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 33043 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801145-001A	01/06/08 10:50 AM	01/07/08	01/11/08 11:09 PM	0801145-002A	01/06/08 11:00 AM	01/07/08	01/08/08 1:22 PM
0801145-004A	01/06/08 9:45 AM	01/07/08	01/08/08 5:28 PM	0801145-005A	01/06/08 9:50 AM	01/07/08	01/08/08 3:56 PM
0801145-008A	01/06/08 3:10 PM	01/07/08	01/08/08 5:58 PM	0801145-009A	01/06/08 3:20 PM	01/07/08	01/09/08 6:44 PM
0801145-013A	01/06/08 8:35 AM	01/07/08	01/09/08 9:19 PM	0801145-014A	01/06/08 8:45 AM	01/07/08	01/09/08 11:53 PM
0801145-017A	01/06/08 12:05 PM	01/07/08	01/08/08 6:29 PM	0801145-018A	01/06/08 12:25 PM	01/07/08	01/10/08 12:24 AM
0801145-020A	01/06/08 1:50 PM	01/07/08	01/09/08 7:15 PM	0801145-021A	01/06/08 2:00 PM	01/07/08	01/08/08 10:05 PM
0801145-025A	01/06/08 4:10 PM	01/07/08	01/08/08 10:36 PM				

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.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0801145

EPA Method SW8015Cm	Extraction SW5030B				BatchID: 33045			Spiked Sample ID: 0801159-001A				
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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	106	105	1.26	109	111	1.76	70 - 130	30	70 - 130	30
MTBE	ND	10	103	95.3	7.89	96.9	91.7	5.46	70 - 130	30	70 - 130	30
Benzene	ND	10	99.3	102	2.71	93.1	92.6	0.552	70 - 130	30	70 - 130	30
Toluene	ND	10	99.7	100	0.682	93.5	93	0.502	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	106	106	0	99.9	99	0.918	70 - 130	30	70 - 130	30
Xylenes	ND	30	117	120	2.82	110	110	0	70 - 130	30	70 - 130	30
%SS:	89	10	90	92	1.80	88	88	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 33045 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801145-019A	01/06/08 12:40 PM	01/09/08	01/09/08 5:26 PM	0801145-024A	01/06/08 2:30 PM	01/08/08	01/08/08 6:14 PM
0801145-026A	01/06/08 4:20 PM	01/09/08	01/09/08 5:31 PM				

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.

DHS ELAP Certification N° 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0801145

EPA Method SW8015C **Extraction SW3510C/3630C** **BatchID: 33046** **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	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	93.9	81.9	13.7	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	114	111	2.39	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 33046 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801145-003A	01/06/08 11:15 AM	01/07/08	01/09/08 12:56 PM	0801145-007A	01/06/08 10:10 AM	01/07/08	01/08/08 2:16 AM
0801145-012A	01/06/08 3:55 PM	01/07/08	01/08/08 12:03 AM	0801145-016A	01/06/08 9:10 AM	01/07/08	01/08/08 3:23 AM
0801145-019A	01/06/08 12:40 PM	01/07/08	01/08/08 1:10 AM	0801145-024A	01/06/08 2:30 PM	01/07/08	01/07/08 10:56 PM
0801145-026A	01/06/08 4:20 PM	01/07/08	01/08/08 1:55 PM				

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

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0801145

EPA Method SW8270C	Extraction SW3510C				BatchID: 32929			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	RPD	LCS/LCSD	RPD
Acenaphthene	N/A	50	N/A	N/A	N/A	71.6	71.6	0	N/A	N/A	30 - 130	30
4-Chloro-3-methylphenol	N/A	100	N/A	N/A	N/A	67.9	68.5	0.946	N/A	N/A	30 - 130	30
2-Chlorophenol	N/A	100	N/A	N/A	N/A	84.7	83.2	1.77	N/A	N/A	30 - 130	30
1,4-Dichlorobenzene	N/A	50	N/A	N/A	N/A	57.6	56.9	1.21	N/A	N/A	30 - 130	30
2,4-Dinitrotoluene	N/A	50	N/A	N/A	N/A	68.6	65.7	4.45	N/A	N/A	30 - 130	30
4-Nitrophenol	N/A	100	N/A	N/A	N/A	67.9	69.8	2.71	N/A	N/A	30 - 130	30
N-Nitrosodi-n-propylamine	N/A	50	N/A	N/A	N/A	118	112	5.28	N/A	N/A	30 - 130	30
Pentachlorophenol	N/A	100	N/A	N/A	N/A	86.9	87.2	0.322	N/A	N/A	30 - 130	30
Phenol	N/A	100	N/A	N/A	N/A	92.1	90.1	2.18	N/A	N/A	30 - 130	30
Pyrene	N/A	50	N/A	N/A	N/A	69.2	66.6	3.76	N/A	N/A	30 - 130	30
1,2,4-Trichlorobenzene	N/A	50	N/A	N/A	N/A	54	54.2	0.351	N/A	N/A	30 - 130	30
%SS1:	N/A	5000	N/A	N/A	N/A	101	97	3.81	N/A	N/A	30 - 130	30
%SS2:	N/A	5000	N/A	N/A	N/A	80	83	3.60	N/A	N/A	30 - 130	30
%SS3:	N/A	5000	N/A	N/A	N/A	104	104	0	N/A	N/A	30 - 130	30
%SS4:	N/A	5000	N/A	N/A	N/A	81	81	0	N/A	N/A	30 - 130	30
%SS5:	N/A	5000	N/A	N/A	N/A	126	121	4.03	N/A	N/A	30 - 130	30
%SS6:	N/A	5000	N/A	N/A	N/A	68	64	6.15	N/A	N/A	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 32929 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801145-003D	01/06/08 11:15 AM	01/07/08	01/15/08 9:15 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

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QC SUMMARY REPORT FOR 6010C

W.O. Sample Matrix: Soil QC Matrix: Soil/Soil WorkOrder 0801145

EPA Method 6010C			Extraction SW3050B			BatchID: 32997				Spiked Sample ID 0801069-005A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	17	50	88.8	90.5	1.38	10	117	114	2.90	75 - 125	20	80 - 120	20
%SS:	105	250	106	107	0.845	250	106	106	0	70 - 130	20	70 - 130	20

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

BATCH 32997 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801145-025A	01/06/08 4:10 PM	01/07/08	01/08/08 5:57 PM				

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 applicable to this method.

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

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0801145

EPA Method SW8015C	Extraction SW3550C/3630C				BatchID: 33026			Spiked Sample ID: 0801108-001A				
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	RPD	LCS/LCSD	RPD
TPH(d)	11	20	80.2	81.6	1.00	112	100	10.7	70 - 130	30	70 - 130	30
%SS:	105	50	105	106	1.05	112	109	3.03	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 33026 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0801145-001A	01/06/08 10:50 AM	01/07/08	01/08/08 6:45 AM	0801145-002A	01/06/08 11:00 AM	01/07/08	01/08/08 6:26 PM
0801145-004A	01/06/08 9:45 AM	01/07/08	01/08/08 7:53 AM	0801145-005A	01/06/08 9:50 AM	01/07/08	01/08/08 3:23 PM
0801145-008A	01/06/08 3:10 PM	01/07/08	01/08/08 6:32 AM	0801145-009A	01/06/08 3:20 PM	01/07/08	01/08/08 5:22 AM
0801145-013A	01/06/08 8:35 AM	01/07/08	01/08/08 7:42 AM	0801145-014A	01/06/08 8:45 AM	01/07/08	01/08/08 8:58 AM
0801145-017A	01/06/08 12:05 PM	01/07/08	01/08/08 4:12 AM	0801145-018A	01/06/08 12:25 PM	01/07/08	01/08/08 6:32 AM
0801145-020A	01/06/08 1:50 PM	01/07/08	01/08/08 7:42 AM	0801145-021A	01/06/08 2:00 PM	01/07/08	01/08/08 8:58 AM
0801145-025A	01/06/08 4:10 PM	01/07/08	01/08/08 5:22 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

QCAR 0801145

Chain of Custody Report

Edd Clark & Associates, Inc.
Environmental Consultants

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E-mail in EDF for Upload to Geotracker: Yes ☐ No ☒ Initials EJ VB

p. 1 of 3

Samplers Signature: Etta Jon VandenBosch

EC&A job # 0589,002

Global I.D. #

Facility Name & Location: 990 San Pablo Ave. Albany, CA

Analysis

Field Point Name	Date	Time	Sample ID (depth)	Sample Type	Media	# of Items	TPH multi-scan w/silica gel cleanup (8015)	BTEX/MTBE (8021)	Full Scan VOCs (8260)	TPOG (5520 B/F)	6 VOCs (8270)		Remarks
B-1	1/6/08	1050	B-1d6.0	discrete	S	1	X	X					~~Filter~~
↓		1100	B-1d10.5	↓	↓	1	X	X					~~w/in 48 hrs~~
B-1		1115	B-1W	grab	W	~~3~~ 8	X		X	X	X		~~of collection~~
B-2		0945	B-2d5.5	discrete	S	1	X	X					
↓		0950	B-2d10.5	↓	↓	1	X	X					
↓		0955	B-2d15.5	↓	↓	1			← HOLD				← HOLD
↓		1010	B-2W	grab	W	~~3~~ 8	X		X				
B-3		1510	B-3d5.5	discrete	S	1	X	X					
↓		1520	B-3d10.5	↓	↓	1	X	X					
↓	↓	1530	B-3d15.5	↓	↓	1		← HOLD					← HOLD

Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:
Etta Jon VandenBosch	1/7/08	150			1/7/08	480	MC Valle
Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:

ICE / t° ____
GOOD CONDITION ____ APPROPRIATE
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____

	VOAS	O & G	METALS	OTHER
PRESERVATION				

Edd Clark & Associates, Inc.
Environmental Consultants

Chain of Custody Report

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E-mail in EDF for Upload to Geotracker: Yes ☐ No ☒ Initials ETVB

Samplers Signature: Edd Jon VandenBosch

EC&A job # 0589.002

Global I.D. #

Facility Name & Location: 990 San Pablo Ave. Albany, CA

Field Point Name	Date	Time	Sample ID (depth)	Sample Type	Media	# of Items	Analysis (8015) TPH multi-scan w/silica gel cleanup (TPHg, d, mo)	BTEX/MTBE (8021)	Full Scan VOCs (8260)	TPHg (5030 P/T)	SVOCs (8270)	Total Lead	Remarks
B-3	1/6/08	1545	B-3d20.5	discrete	S	1			← HOLD				~~Filter w/ tint~~
+30	↓	1555	B-3W	grab	W	~~3~~ 7	X		X				24 hrs of collection
B-4		0835	B-4d5.5	discrete	S	1	X	X					
		0845	B-4d10.5	↓	S	1	X	X					
		0900	B-4d15.5	↓	S	1			← HOLD		←		HOLD
+30	↓	0910	B-4W	grab	W	~~3~~ 8	X		X				
B-5		1205	B-5d5.5	discrete	S	1	X	X					
		1225	B-5d16.5	↓	S	1	X	X					
+2	↓	1240	B-5W	grab	W	~~3~~ 8	X		X				
B-6	↓	1350	B-6d5.5	discrete	S	1	X	X					

Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:
Edd Jon VandenBosch	1/7/08	150			1/8/08	935	MC Vall
Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:

Edd Clark & Associates, Inc.
Environmental Consultants

Chain of Custody Report

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Tel: (707) 792-9500 (800) 474-1448 Fax: (707) 792-9504

E-mail in EDF for Upload to Geotracker: Yes ☐ No ☒ Initials EJTB

Samplers Signature: Edd & Jon VandenBosch

EC&A job #0589.002

Global I.D. #

Facility Name & Location: 990 San Pablo Ave Albany, CA

Field Point Name	Date	Time	Sample ID (depth)	Sample Type	Media	# of Items	Analysis: TPH multi-scan (8015) w/silica gel cleanup (TPH-d/mo)	Analysis: BTEX/MTBE (8021)	Analysis: Full Scan VOCs (8260)	Analysis: TPOG (5520 B/F)	Analysis: SVOCs (8270)	Analysis: Total Lead	Remarks
B-6	1/4/08	1400	B-6d 10.5	discrete	S	1	X	X					
		1405	B-6d 15.5		S	1							← HOLD
		1420	B-6d 20.5		S	1							← HOLD
HLD		1430	B-6W	grab	W	~~2~~ 1 @ 40ml	X		X				
DR-1		1610	DR-1	comp.	S	2	X	X					~~(Please Comp. in Lab ← Total Lead)~~ X
DR-W		1620	DR-W	aliquot	W	~~2~~ 1 @ 40ml	X		X				

Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:
Edd & Jon VandenBosch	1/4/08	1550			1/5/08	432	M. Valle
Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
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CHAIN-OF-CUSTODY RECORD

WorkOrder: 0801145 **ClientID: ECAR**

☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Etta Jon Vanden Bosch
Edd Clark & Associates, Inc.
320 Professional Center Ste. 215
Rohnert Park, CA 94928

Email: corpmail@ecaenviron.com
TEL: (707) 792-9500 FAX: (707) 792-9504
ProjectNo: #0589, 002
PO:

Bill to:
Accounts Payable
Edd Clark & Associates, Inc.
320 Professional Center Ste.215
Rohnert Park, CA 94928

Requested TAT: 5 days

Date Received: **01/07/2008**
Date Printed: **01/08/2008**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0801145-001	B-1d6.0	Soil	1/6/2008 10:50:00	☐				A			A					
0801145-002	B-1d10.5	Soil	1/6/2008 11:00:00	☐				A			A					
0801145-003	B-1W	Water	1/6/2008 11:15:00	☐	C	B	D		A							
0801145-004	B-2d5.5	Soil	1/6/2008 9:45:00	☐				A			A					
0801145-005	B-2d10.5	Soil	1/6/2008 9:50:00	☐				A			A					
0801145-007	B-2W	Water	1/6/2008 10:10:00	☐		B			A							
0801145-008	B-3d5.5	Soil	1/6/2008 3:10:00	☐				A			A					
0801145-009	B-3d10.5	Soil	1/6/2008 3:20:00	☐				A			A					
0801145-012	B-3W	Water	1/6/2008 3:55:00	☐		B			A							
0801145-013	B4d5.5	Soil	1/6/2008 8:35:00	☐				A			A					
0801145-014	B-4d10.5	Soil	1/6/2008 8:45:00	☐				A			A					
0801145-016	B-4W	Water	1/6/2008 9:10:00	☐		B			A							
0801145-017	B-5d5.5	Soil	1/6/2008 12:05:00	☐				A			A					
0801145-018	B-5d11.5	Soil	1/6/2008 12:25:00	☐				A			A					
0801145-019	B-5W	Water	1/6/2008 12:40:00	☐		B			A							

Test Legend:

1	5520B_SG_W	2	8260B_W	3	8270D_W	4	G-MBTEX_S	5	G-MBTEX_W
6	PB_S	7	TPH(DMO)WSG_S	8		9		10	
11		12							

The following SampIDs: 003A, 007A, 012A, 016A, 019A, 024A, 026A contain testgroup.

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.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0801145 **ClientID: ECAR**

☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty

Report to:
Etta Jon Vanden Bosch
Edd Clark & Associates, Inc.
320 Professional Center Ste. 215
Rohnert Park, CA 94928

Email: corpmail@ecaenviron.com
TEL: (707) 792-9500 FAX: (707) 792-9504
ProjectNo: #0589, 002
PO:

Bill to:
Accounts Payable
Edd Clark & Associates, Inc.
320 Professional Center Ste.215
Rohnert Park, CA 94928

Requested TAT: 5 days

Date Received: **01/07/2008**
Date Printed: **01/08/2008**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0801145-020	B-6d5.5	Soil	1/6/2008 1:50:00	☐				A			A					
0801145-021	B-6d10.5	Soil	1/6/2008 2:00:00	☐				A			A					
0801145-024	B-6W	Water	1/6/2008 2:30:00	☐		B			A							
0801145-025	DR-1	Soil	1/6/2008 4:10:00	☐				A		A	A					
0801145-026	DR-W	Water	1/6/2008 4:20:00	☐		B			A							

Test Legend:

1	5520B_SG_W	2	8260B_W	3	8270D_W	4	G-MBTEX_S	5	G-MBTEX_W
6	PB_S	7	TPH(DMO)WSG_S	8		9		10	
11		12							

The following SampIDs: 003A, 007A, 012A, 016A, 019A, 024A, 026A contain testgroup.

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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Edd Clark & Associates, Inc.**
Date and Time Received: **1/7/2008 6:36:48 PM**

Project Name: **#0589, 002**
Checklist completed and reviewed by: Melissa Valles

WorkOrder N°: **0801145** Matrix Soil/Water
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp:		NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

Analytical Sciences

January 21, 2008

Etta Jon VandenBosch
Edd Clark & Associates, Inc.
P.O. Box 3039
Rohnert Park, CA 94927

Dear Etta Jon,

Enclosed you will find Analytical Sciences' final report 8010701 for your 990 San Pablo Ave., Albany, CA project. An invoice for this work is enclosed.

Should you or your client have any questions regarding this report please contact me at your convenience. We appreciate you selecting Analytical Sciences for this work and look forward to serving your analytical chemistry needs on projects in the future.

Sincerely,

Analytical Sciences

Mark A. Valentini

Mark A. Valentini, Ph.D.

Laboratory Director

P.O. Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3128

110 Liberty Street
Petaluma, CA 94952

Analytical Sciences

Report Date: January 21, 2008

Laboratory Report

Etta Jon VandenBosch
Edd Clark & Associates, Inc.
P.O. Box 3039
Rohnert Park, CA 94927

Project Name: **990 San Pablo Ave., Albany, CA** **0589,002**

Lab Project: **8010701**

This 4 page report of analytical data has been reviewed and approved for release.

Mark A. Valentini

Mark A. Valentini, Ph.D.
Laboratory Director

P.O. Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3128

110 Liberty Street
Petaluma, CA 94952

Dissolved Metals in Water

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
8010701-01	**B-1W**	Cadmium (Cd)	ND	0.010
		Chromium (Cr)	ND	0.010
		Lead (Pb)	ND	0.050
		Nickel (Ni)	ND	0.050
		Zinc (Zn)	ND	0.050

Date Sampled:	01/06/08	Date Analyzed:	01/09/08	QC Batch: B003578
Date Received:	01/07/08	Method:	EPA 6010B	

Dissolved Metals in Water

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
8010701-07	**DR-W**	Cadmium (Cd)	ND	0.010
		Chromium (Cr)	0.054	0.010
		Lead (Pb)	ND	0.050
		Nickel (Ni)	ND	0.050
		Zinc (Zn)	ND	0.050

Date Sampled:	01/06/08	Date Analyzed:	01/09/08	QC Batch: B003578
Date Received:	01/07/08	Method:	EPA 6010B	

Quality Assurance Report

Dissolved Metals in Water

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B003578 - EPA 3010A										
Blank (B003578-BLK1)				Prepared: 01/07/08 Analyzed: 01/09/08						
Cadmium (Cd)	ND	0.010	mg/L							
Chromium (Cr)	ND	0.010	mg/L							
Lead (Pb)	ND	0.050	mg/L							
Nickel (Ni)	ND	0.050	mg/L							
Zinc (Zn)	ND	0.050	mg/L							
Matrix Spike (B003578-MS1)		Source: 8010402-01		Prepared: 01/07/08 Analyzed: 01/09/08						
Cadmium (Cd)	0.569	0.010	mg/L	0.500	ND	114	70-130			
Chromium (Cr)	0.561	0.010	mg/L	0.500	0.030	106	70-130			
Lead (Pb)	0.562	0.050	mg/L	0.500	ND	112	70-130			
Nickel (Ni)	0.654	0.050	mg/L	0.500	0.059	119	70-130			
Zinc (Zn)	0.564	0.050	mg/L	0.500	0.016	110	70-130			
Matrix Spike Dup (B003578-MSD1)		Source: 8010402-01		Prepared: 01/07/08 Analyzed: 01/09/08						
Cadmium (Cd)	0.589	0.010	mg/L	0.500	ND	118	70-130	3	20	
Chromium (Cr)	0.578	0.010	mg/L	0.500	0.030	110	70-130	3	20	
Lead (Pb)	0.516	0.050	mg/L	0.500	ND	103	70-130	9	20	
Nickel (Ni)	0.613	0.050	mg/L	0.500	0.059	111	70-130	7	20	
Zinc (Zn)	0.568	0.050	mg/L	0.500	0.016	110	70-130	0.7	20	

Notes and Definitions

RDL	Reporting Detection Limit
ND	Analyte NOT DETECTED at or above the reporting detection limit (RDL)
RPD	Relative Percent Difference
NR	Not Reported

Edd Clark & Associates, Inc.
Environmental Consultants

* A.S.*

Chain of Custody Report

P.O. Box 3039, Rohnert Park, CA 94927
Tel: (707) 792-9500 (800) 474-1448 Fax: (707) 792-9504

E-mail in EDF for Upload to Geotracker: Yes ☐ No ☑ Initials ETVB

110 Liberty Street
Petaluma, CA 94952

Samplers Signature: Etta JonVandenBosch

8010701

EC&A job # 0589,002

Global I.D. #

Facility Name & Location: 990 San Pablo Ave, Albany, CA.

Field Point Name	Date	Time	Sample ID (depth)	Sample Type	Media	# of Items	Analysis: LUFT 5 Metals *					Remarks
B-1	1/6/08	1115	B-1W	grab	W	2	X				-01	*Filter w/in
B-2		1010	B-2W					← HOLD			-02	24 hrs of sample
B-3		1555	B-3W					← HOLD			-03	collection
B-4		0910	B-4W					← HOLD			-04	
B-5		1240	B-5W					← HOLD			-05	
B-6		1430	B-6W					← HOLD			-06	
DR-W		1620	DR-W	aliquot			X				-07	

Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:
Etta JonVandenBosch	1/7/08	0900	Alarcon				
Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:

P.O. Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3128

Appendix C

Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☐ NO — HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☐ NO

FOR LOCAL AGENCY USE ONLY

REPORT DATE (M M D D Y Y) — CASE #

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: Etta Jon VandenBosch — PHONE: (707) 792-9500 — SIGNATURE: Etta Jon VandenBosch

REPRESENTING ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____ — COMPANY OR AGENCY NAME: Edd Clark & Associates, Inc.

ADDRESS: PO Box 3039 (STREET) — Rohnert Park (CITY) — CA (STATE) — 94927 (ZIP)

RESPONSIBLE PARTY

NAME: Blank Family Trust ☐ UNKNOWN — CONTACT PERSON: Muriel T. Blank — PHONE: ( )

ADDRESS: 1164 Solano Ave #406 (STREET) — Albany (CITY) — CA (STATE) — 94706 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE) — OPERATOR — PHONE: ( )

ADDRESS: 990 San Pablo Ave. (STREET) — Albany (CITY) — Alameda (COUNTY) — 94706 (ZIP)

CROSS STREET: Buchanan St.

IMPLEMENTING AGENCIES

LOCAL AGENCY — AGENCY NAME: Alameda County Environmental Health — CONTACT PERSON: TBD — PHONE: (510) 567-6702

REGIONAL BOARD: San Francisco Bay RWQCB — CONTACT PERSON: TBD — PHONE: (510) 622-2300

SUBSTANCES INVOLVED

(1) NAME: Fuel Hydrocarbons — QUANTITY LOST (GALLONS) ☒ UNKNOWN

(2) ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 01 06 08 (M M D D Y Y) — HOW DISCOVERED: ☐ INVENTORY CONTROL ☒ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☐ TANK REMOVAL ☐ OTHER Soil & groundwater samples

DATE DISCHARGE BEGAN (M M D D Y Y) ☒ UNKNOWN

HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE Unknown (M M D D Y Y)

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): ☐ REMOVE CONTENTS ☐ REPLACE TANK ☒ CLOSE TANK ☐ REPAIR TANK ☐ REPAIR PIPING ☐ CHANGE PROCEDURE ☐ OTHER Tank Removal (1983)

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER

CASE TYPE

CHECK ONE ONLY: ☐ UNDETERMINED ☐ SOIL ONLY ☒ GROUND WATER ☐ DRINKING WATER – (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY: ☐ NO ACTION TAKEN ☐ LEAK BEING CONFIRMED ☐ REMEDIATION PLAN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☒ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ POLLUTION CHARACTERIZATION ☐ POST CLEANUP MONITORING IN PROGRESS ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S): ☐ CAP SITE (CD) ☐ CONTAINMENT BARRIER (CB) ☐ VACUUM EXTRACT (VE) ☐ EXCAVATE & DISPOSE (ED) ☐ EXCAVATE & TREAT (ET) ☐ NO ACTION REQUIRED (NA) ☐ OTHER (OT) ☐ REMOVE FREE PRODUCT (FP) ☐ PUMP & TREAT GROUND WATER (GT) ☐ TREATMENT AT HOOKUP (HU) ☐ ENHANCED BIO DEGRADATION (IT) ☐ REPLACE SUPPLY (RS) ☐ VENT SOIL (VS)

COMMENTS