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10:10 am, May 01, 2008

Alameda County
Environmental Health

Perjury Statement

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


Ted Dang, President

7/12/06
Date

April 15, 2008
Project: CA1264-6

Global ID: T0600102124

Mr. Jerry Wickham
Alameda County Environmental Health Department
1131 Harbor Bay Parkway
Alameda, California
94502-6577

Quarterly Groundwater Monitoring Report
Fourth Quarter 2007
Former Gas Station
2547 East 27th Street
Oakland, California

Dear Mr. Wickham:

Ceres Associates is pleased to present this Fourth Quarter 2007, Quarterly Groundwater Monitoring Report, on behalf of Tomorrow Development for the former gas station at 2547 East 27th Street, Oakland, California (Property; *refer to Figure 1 - Property Location Map*).

Background

The Property is currently undeveloped with a chain-link fence along the perimeter. Some concrete pieces, remnants of the former foundation that were observed on the Property, have been removed during excavation of the site in November and December, 2006. The Property is located amongst single and multiple family residences.

The Property was formerly developed with a fuel and service station between 1927 and 1994. In 1994, one 100-gallon waste oil underground storage tank (UST) and four 500-gallon gasoline USTs were removed from the Property. After the tanks were removed, the excavation pits were lined with visqueen plastic and backfilled with the excavated material.

Assessment of the Property began in 2002 by Kleinfelder followed by additional sampling events both on and off-site by Ceres Associates in 2005 and 2006. Contaminated backfill material was identified as a potential source of subsurface contamination. A total of approximately 200 cubic yards of contaminated soil was excavated and removed from the Property in late 2006 and early 2007. Copies of previous assessments can be found by contacting the Alameda County Environmental Health Department (EHD).

The regulatory risk criteria utilized in this report are Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB) for residential sites where groundwater is a potential or current drinking water source.

Geology and Hydrogeology

The soils on the Property consist of generally sandy gravel fill from the surface to four (4) feet below ground surface (bgs). From four (4) to twelve (12) feet bgs the soil appears to be fat and lean silty clays. Below twelve (12) feet the soil is generally gravel and sand with some clay. Off-site soils are generally consistent with on-site soils.

Groundwater has been encountered on the Property between approximately three and fourteen (14) feet bgs. Once encountered, groundwater appears to rise to within approximately three to five feet of the ground surface. The variable groundwater elevations across the Property suggest the possibility of a perched groundwater lense. Groundwater flow gradients have historically been to the east-southeast.

Scope of Sampling

Ceres Associates conducted quarterly groundwater sampling activities of six monitoring wells on October 1, 2007: MW-1, MW-2, MW-3, MW-4, MW-5, and EX-1 (*refer to Figure 2 – Fourth Quarter 2007 Quarterly Monitoring Results*).

Sampling Process

Ceres Associates measured the depth to water from the top of each well casing (*refer to Appendix for a copy of the Monitoring Well Data Forms*).

As per the approved work plan, Ceres Associates employed a “low flow technique” to monitor the groundwater at the site. Polyethylene tubing was extended from the surface to the approximate mid-point of the screened interval of the well. The tubing was connected to a peristaltic pump, which pumped the groundwater to a flow-through multi-parameter cell device. The water then flowed into additional tubing into a collection bucket to be transferred to the above mentioned 55-gallon drum for future disposal.

The wells were purged for at least five minutes at a rate of less than 1 liter per minute until the readings on the flow-through device showed less than a 10% change for three consecutive minutes, for the following parameters: pH, conductivity, dissolved oxygen, and temperature. A sounding probe was used during the collection so that the pumping rate could be adjusted to assure that the well water depth remained stable. All of the water samples were then collected in laboratory-cleaned 40-milliliter glass vials and one-liter amber bottles with Teflon-lined caps. The samples were then placed into an ice-cooled chest for delivery to a State of California-certified analytical laboratory.

Decontamination was accomplished by discarding all the tubing and then washing the flow-through cell and sounding probe using a non-phosphate detergent followed by two freshwater rinses.

Groundwater generated during the sampling and decontamination processes was placed into an on-site 55-gallon drum, pending laboratory analysis for proper disposal.

Ceres Associates requested that the laboratory analyze the sample for total petroleum hydrocarbons (TPH) as gasoline (TPHg), as diesel (TPHd), and as motor oil (TPHmo) using US EPA method 8015C; for benzene, toluene, ethylbenzene, and xylenes (BTEX) using US EPA Method 8021B; and for volatile organic compounds (VOCs) using US EPA Method 8260B. The sampling schematic changed since the 2nd quarterly monitoring event of 2007 in compliance with a request made by the EHD in a letter dated April 26, 2007 (refer to Appendix – Regulatory Correspondence). Where analytes overlapped in methods, the higher result was reported herein.

Results

During October 2007, the groundwater gradient ranged from east to south-southeast, with an overall trend toward the southeast (*refer to Figure 3 - Groundwater Contour Map*).

The following table details the concentrations reported by the laboratory for samples submitted from this sampling event as well as historic values (no isoconcentration maps were generated for this data because there are insufficient data points for contouring).

Quarterly Groundwater Monitoring Data and Results

Site: 2547 East 27th Street, Oakland, California

Well (TOC)	Sample Date	Depth to Groundwater (ft)	Groundwater Elevation (ft amsl)	TPHg	TPHd	TPHmo	Benzene*	Toluene*	Ethylbenzene*	Xylenes*	MTBE
<i>Concentrations reported as micrograms per Liter (µg/L)</i>											
<i>ESL (Table F-1a): Groundwater IS a current or potential source of drinking water</i>				100	100	100	1	40	30	20	5
<i>ESL (Table E-1a): Potential Vapor Intrusion; High Permeability Soils, Residential Use</i>				use soil gas	use soil gas	use soil gas	540	380,000	170,000	160,000	24,000
MW-1 108.75	8/24/06	4.63	104.12	ND	ND	NA	ND	ND	ND	ND	ND
	11/17/06	4.50	104.25	ND	ND	ND	ND	ND	ND	ND	ND
	1/30/07	4.14	104.61	ND	78	280	ND	ND	ND	ND	ND
	4/30/07	4.04	104.71	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/07	4.16	104.59	ND	ND	ND	ND	0.5	ND	ND	ND
	10/1/07	4.19	104.56	ND	ND	ND	ND	ND	ND	ND	ND
MW-2 109.55	8/24/06	4.26	105.29	ND	78	NA	ND	ND	0.65	1.5	ND
	11/17/06	4.16	105.39	ND	ND	ND	ND	ND	0.8	1.8	ND
	1/30/07	4.29	105.26	ND	ND	ND	ND	ND	1	2	ND
	4/30/07	4.53	105.02	ND	60	ND	ND	ND	ND	ND	ND
	7/24/07	4.50	105.05	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/07	4.37	105.18	ND	ND	ND	ND	ND	ND	ND	ND
MW-3 108.4	8/24/06	4.40	104.00	ND	ND	NA	ND	ND	ND	ND	ND
	11/17/06	3.92	104.48	ND	ND	ND	ND	ND	ND	ND	ND
	1/30/07	4.30	104.10	ND	ND	ND	ND	ND	ND	ND	ND
	4/30/07	4.22	104.18	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/07	4.40	104.00	ND	ND	ND	ND	0.67	ND	ND	ND
	10/1/07	4.50	103.90	ND	ND	ND	ND	ND	ND	ND	ND
MW-4 107.89	8/24/06	4.87	103.02	ND	ND	NA	ND	ND	ND	ND	ND
	11/17/06	3.75	104.14	ND	ND	ND	ND	ND	ND	ND	ND
	1/30/07	3.82	104.07	ND	ND	ND	ND	ND	ND	ND	ND
	4/30/07	4.50	103.39	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/07	4.27	103.62	ND	ND	ND	ND	0.66	ND	ND	ND
	10/1/07	3.92	103.97	ND	ND	ND	ND	ND	ND	ND	ND
MW-5 108.65	8/24/06	5.00	103.65	ND	ND	NA	ND	ND	ND	ND	ND
	11/17/06	3.30	105.35	ND	ND	ND	ND	ND	ND	ND	ND
	1/30/07	3.22	105.43	ND	ND	ND	ND	ND	ND	ND	ND
	4/30/07	3.20	105.45	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/07	3.37	105.28	ND	ND	ND	ND	ND	ND	ND	ND
	10/1/07	3.27	105.38	ND	ND	ND	ND	ND	ND	ND	ND
EX-1 109.46	8/24/06	4.84	104.62	460	220	NA	ND	ND	ND	ND	ND
	11/17/06	4.38	105.08	270	130	ND	ND	ND	ND	1.9	ND
	1/30/07	4.00	105.46	2,200	800	270	1	ND	3.9	3.2	ND<10
	4/30/07	4.20	105.26	1,000	740	ND	ND	ND	1.7	2.4	ND
	7/24/07	4.41	105.05	210	170	ND	ND	ND	ND	ND	ND
	10/1/07	4.69	104.77	290	230	ND	ND	ND	ND	0.7	ND

Abbreviations and Notes

µg/L	micrograms per Liter
TOC	elevation of well at the top of the casing, in feet above mean sea level
TPHg	total petroleum hydrocarbons as gasoline using US EPA method 8015C
TPHd	total petroleum hydrocarbons as diesel using US EPA method 8015C
TPHmo	total petroleum hydrocarbons as motor oil using US EPA method 8015C
MTBE	methyl tertiary butyl ether using US EPA method 8260B and/or 8021B
*	benzene, toluene, ethylbenzene, and xylenes were analyzed by US EPA method 8021B and 8260B (only the highest concentration was reported here)
ESL	Environmental Screening Limit, published by San Francisco Bay Regional Water Quality Control Board
NA	not analyzed
ND	not detected below the method reporting limit
ND < X	not detected below an increased method reporting limit (see lab sheets for further details)
NE	not yet an established value
NS	not sampled

Discussion

Petroleum Hydrocarbons

TPHg, TPHd, and TPHmo were not detected above laboratory detection limits in samples collected from MW-01, MW-02, MW-03, MW-04, or MW-05. These results are consistent with historical monitoring events.

In groundwater monitoring well EX-1 concentrations of TPHg and TPHd have fluctuated over time, while concentrations of TPHmo have been reported above the method detection limit during only one quarter monitoring event, First Quarter 2007, which coincides with the only one other TPHmo concentration above the method detection limit (in MW-1 during the same quarter). The concentrations of TPHg and TPHd in groundwater monitoring well EX-1 have exceeded the Residential ESL since August 2006. The concentrations of these analytes peaked during First Quarter 2007 Monitoring, reporting 2,200 micrograms per liter ($\mu\text{g}/\text{L}$) of TPHg and 800 $\mu\text{g}/\text{L}$ of TPHd. The Fourth Quarter 2007 results for TPHg and TPHd reported 290 $\mu\text{g}/\text{L}$ and 230 $\mu\text{g}/\text{L}$, respectively. As expected, after the recent remedial efforts on-site, the concentrations of these analytes have dropped for three consecutive quarters and the Fourth Quarter concentrations were generally the same as the Third Quarter 2007 results.

Volatile Organic Compounds (VOCs)

At the request of the EHD Ceres Associates requested VOC analysis using US EPA method 8260. VOC analytes were not detected in those samples collected from MW-01, MW-02, MW-03, MW-04, or MW-05. This is consistent with historical monitoring events, except that during the last quarter (3rd Quarter Monitoring, July 2007, MW-04 and MW-05 reported concentrations of toluene at 0.67 $\mu\text{g}/\text{L}$ and 0.66 $\mu\text{g}/\text{L}$, respectively.

Further, EDB, EDC, MTBE, TAME, ETBE, and DIPE, were not detected above the method detection levels in each well sampled. The chlorinated hydrocarbons chloroform and bromodichloromethane were detected in MW-02 at concentrations of 27 $\mu\text{g}/\text{L}$ and 1.3 $\mu\text{g}/\text{L}$, respectively. Carbon tetrachloride, ethylene dichloride, methylene chloride, tetrachloroethane, and trichloroethylene were also not detected above method detection levels in each of the wells sampled.

Benzene has only been reported in one well (EX-1) and in only one quarter (First Quarter 2007). Concentrations of benzene were not reported during the current Fourth Quarter 2007 event above the method reporting limit of 0.5 $\mu\text{g}/\text{L}$. During the current sampling, sec-butyl benzene (refer to full laboratory reports in the appendix) was reported at 1.4 $\mu\text{g}/\text{L}$, isopropylbenzene at 3.0 $\mu\text{g}/\text{L}$, and n-propyl benzene at 2.2 $\mu\text{g}/\text{L}$. The reported level of sec-butyl benzene is below the reported level for the Third Quarter 2007 of 1.6 $\mu\text{g}/\text{L}$. However, the reported levels of isopropylbenzene and n-propyl benzene are above the Third Quarter concentrations of 2.1 $\mu\text{g}/\text{L}$ and 1.4 $\mu\text{g}/\text{L}$, respectively. According to the laboratory these compounds are benzene rings with additional organic constituents, and are common components of gasoline fuel. The laboratory further noted that these constituents are not usually significant components of diesel or kerosene.

Conclusions and Recommendations

Concentrations of TPHg and TPHd were detected in groundwater monitoring well EX-1 at concentrations above the residential ESL for these compounds, (100 µg/L). Concentrations of these analytes were not reported in the other monitoring wells. These results indicated that the affected groundwater is localized in the area of well EX-1. Minor concentrations of one type of VOC, xylenes, have been associated with higher concentrations of TPH compounds detected in well EX-1. The concentration had continued to decrease along with the concentrations of TPHg and TPHd, until last quarter (3rd Quarter 2007) when it was not detected above the reporting limit. During this quarter; however, xylenes were detected at a concentration of 0.7 µg/L., which is below the Residential ESL of 13 µg/L for this compound.

The ACEHD informed Ceres Associates that further monitoring would not be required for the present time.

Limitations

This report was prepared according to accepted industry standards and guidelines for similar activities conducted in this geographic region at this time. Any data supplied by others is not the responsibility of Ceres Associates.

If you have questions regarding this project please contact Will Kleiner at (707) 748-3170 or via email at willkleiner@ceresassociates.com.

Prepared by:

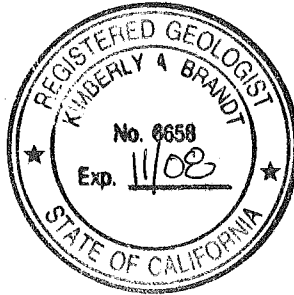


Will Kleiner
Environmental Specialist

Reviewed by:

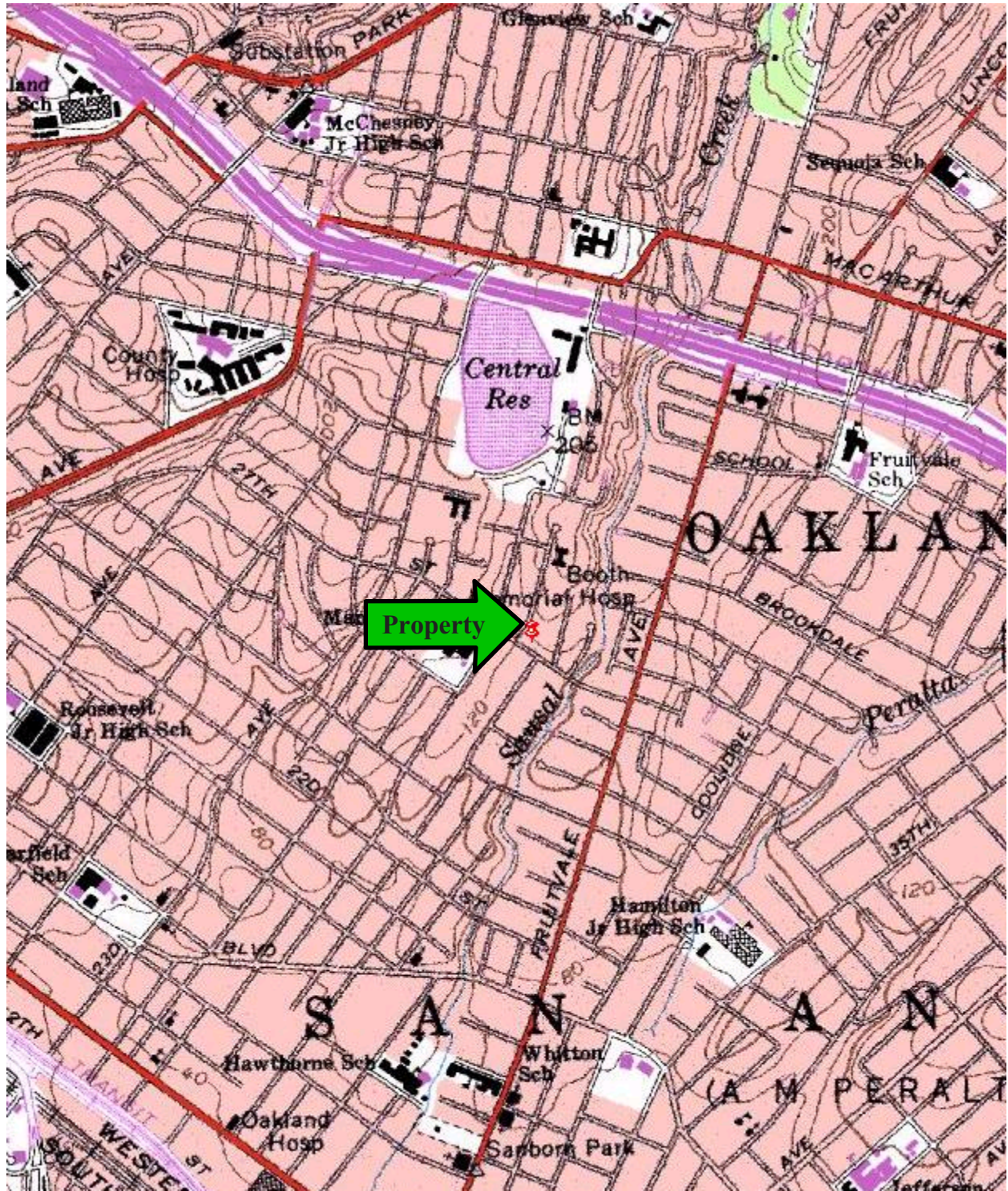


Kimberly Brandt, PG CHG
Senior Project Geologist, Senior Project Manager



Appendix

Figures



1 inch equals 2000 feet

Map Taken From:
 United States Geological Survey
 7.5 Minute Topographic Series
 Oakland East, California Quadrangle

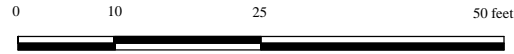






Project CA1264-6


Former Gasoline Station
 2547 East 27th Street
 Oakland, California

TOPOGRAPHIC MAP

**FIGURE
 1**



	August 1994 Excavation/Former UST location
	December 2006 Excavation
	Monitoring Wells - Kleinfelder [June 2002] [Removed in December 2006]
	Monitoring Wells - Ceres Associates [February 2006]

 Project CA1264-8	Former Gasoline Station 2547 East 27th Street Oakland, California	
	<table border="1"> <tr> <td> Monitoring Well Location Map </td> <td> Figure 4 </td> </tr> </table>	Monitoring Well Location Map
Monitoring Well Location Map	Figure 4	

Laboratory Data Sheets



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Ceres Associates 424 First Street Benicia, CA 94510	Client Project ID: # CA1264-6; Oakland	Date Sampled: 10/01/07
		Date Received: 10/01/07
	Client Contact: Ryan Meyer	Date Reported: 10/08/07
	Client P.O.:	Date Completed: 10/08/07

WorkOrder: 0710026

October 08, 2007

Dear Ryan:

Enclosed are:

- 1). the results of **6** analyzed samples from your **# CA1264-6; Oakland project,**
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

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

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

Best regards,

Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.
 1534 Willow Pass Road
 Pittsburg, California 94565
 (925) 252-9262/ fax (925) 252-9269

CAB 071002L

Chain of Custody Form

Turn around time: 5-day std EDF Required?: Yes (send to email noted)

Notes: Page 1 of 1

Report to: Ryan Meyer Bill To:
 Company: Ceres Associates
 424 First Street
 Benicia, CA 94510 E-Mail: ryanmeyer@gmail.com
 Phone: (707) 748-3170 Fax: (707) 748-3171
 Project#: CA1264-6 Project Name: Oakland
 Location: East 27th Street and 26th Avenue
 Sampler Signature:

Analysis Request

Comments

Sample ID	Date	Time	# Containers	Matrix	Preservation Method	BTEX & TPHgas (602 / 8021 + 8015) / MTBE	MTBE/BTEX ONLY (602/8021)	TPHdiesel / motor oil (8015)	Total Petroleum O&G (1664/ 5220)	Total Petroleum Hydrocarbons (418.1)	5 OXYS (MTBE/TBA/DIPE/EBE/TAME)	EPA 608/ 8082 PCBs ONLY	EPA 524.4 / 624 / 8260 (VOCs)	EPA 502.2/ 601/ 8010/ 8021 (HVOCs)	EPA 505/ 608/ 8081 (CL Pesticides)	EPA 07/ 8141 (NP Pesticides)	CAM 17 Metals	LUFT 5 Metals	Nitrate & Nitrite	Sulfate & Sulfide	Bicarbonate Alkalinity	Ferrous Iron (equivalent)	Total Dissolved Solids	General Minerals	Bromate & Bromide	
MW-01	10/1/2007		1	groundwater	ice	X		X					X													
MW-02	10/1/2007		1	groundwater	ice	X		X					X													
MW-03	10/1/2007		1	groundwater	ice	X		X					X													
MW-04	10/1/2007		1	groundwater	ice	X		X					X													
MW-05	10/1/2007		1	groundwater	ice	X		X					X													
EX-01	10/1/2007		1	groundwater	ice	X		X					X													
Nothing Further																										

Relinquished by: John Welch Received by: ENVIRO-TECH SERVICES
 Date/Time 10/6/07 4:00 pm Date/Time 10/01/16-05
 Relinquished by: Enviro-Tech Received by: M. H. J.
 Date/Time 10/1/07 1930 Date/Time 10/1/07 1930
 Relinquished by: M. H. J. Received by: Kim Burks
 Date/Time 10/1/07 1950 Date/Time 10/1/07 802

Ice/t°
 Good Condition
 Head Space Absent
 Dechlorinated in Lab
 Appropriate Containers
 Preserved in Lab

Comments:
 ICE 11.8.4 ✓
 GOOD CONDITION ✓
 HEAD SPACE ABSENT ✓
 DECHLORINATED IN LAB ✓
 PRESERVATION
 VOAS | O & G | METALS | OTHER

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0710026

ClientID: CAB

EDF Excel Fax Email HardCopy ThirdParty

Report to:		Bill to:	Requested TAT: 5 days
Ryan Meyer	Email: ryanmeyer@ceresassociates.com	Chwania Mejia	
Ceres Associates	TEL: (707) 748-317 FAX: (707) 748-317	Ceres Associates	<i>Date Received</i> 10/01/2007
424 First Street	ProjectNo: # CA126-6; Oakland	424 First Street	<i>Date Printed:</i> 10/01/2007
Benicia, CA 94510	PO:	Benicia, CA 94510	
		cmejia@ceresassociates.com	

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0710026-001	MW-01	Water	10/1/2007	<input type="checkbox"/>	C	A	A	B								
0710026-002	MW-02	Water	10/1/2007	<input type="checkbox"/>	C	A		B								
0710026-003	MW-03	Water	10/1/2007	<input type="checkbox"/>	C	A		B								
0710026-004	MW-04	Water	10/1/2007	<input type="checkbox"/>	C	A		B								
0710026-005	MW-05	Water	10/1/2007	<input type="checkbox"/>	C	A		B								
0710026-006	EX-01	Water	10/1/2007	<input type="checkbox"/>	C	A		B								

Test Legend:

1	8260B_W	2	G-MBTEX_W	3	PREF REPORT	4	TPH(DMO)_W	5	
6		7		8		9		10	
11		12							

Prepared by: Kimberly Burks

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.



Sample Receipt Checklist

Client Name: **Ceres Associates**

Date and Time Received: **10/1/2007 8:07:29 PM**

Project Name: **# CA126-6; Oakland**

Checklist completed and reviewed by: **Kimberly Burks**

WorkOrder N°: **0710026** Matrix Water

Carrier: Michael Hernandez (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: 8.4°C 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:



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Ceres Associates 424 First Street Benicia, CA 94510	Client Project ID: # CA1264-6; Oakland	Date Sampled: 10/01/07
		Date Received: 10/01/07
	Client Contact: Ryan Meyer	Date Extracted: 10/06/07
	Client P.O.:	Date Analyzed 10/06/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0710026

Lab ID	0710026-001C
Client ID	MW-01
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	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	110	%SS2:	98
%SS3:	107		

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.

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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Ceres Associates 424 First Street Benicia, CA 94510	Client Project ID: # CA1264-6; Oakland	Date Sampled: 10/01/07
		Date Received: 10/01/07
	Client Contact: Ryan Meyer	Date Extracted: 10/06/07
	Client P.O.:	Date Analyzed 10/06/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0710026

Lab ID	0710026-002C
Client ID	MW-02
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	1.3	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	27	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	110	%SS2:	98
%SS3:	109		

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.

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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Ceres Associates 424 First Street Benicia, CA 94510	Client Project ID: # CA1264-6; Oakland	Date Sampled: 10/01/07
		Date Received: 10/01/07
	Client Contact: Ryan Meyer	Date Extracted: 10/06/07
	Client P.O.:	Date Analyzed 10/06/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0710026

Lab ID	0710026-003C
Client ID	MW-03
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	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	109	%SS2:	98
%SS3:	108		

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.

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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Ceres Associates 424 First Street Benicia, CA 94510	Client Project ID: # CA1264-6; Oakland	Date Sampled: 10/01/07
		Date Received: 10/01/07
	Client Contact: Ryan Meyer	Date Extracted: 10/06/07
	Client P.O.:	Date Analyzed 10/06/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0710026

Lab ID	0710026-004C
Client ID	MW-04
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	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	110	%SS2:	99
%SS3:	110		

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.

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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Ceres Associates 424 First Street Benicia, CA 94510	Client Project ID: # CA1264-6; Oakland	Date Sampled: 10/01/07
		Date Received: 10/01/07
	Client Contact: Ryan Meyer	Date Extracted: 10/06/07
	Client P.O.:	Date Analyzed 10/06/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0710026

Lab ID	0710026-005C
Client ID	MW-05
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	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	110	%SS2:	98
%SS3:	110		

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.

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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"When Quality Counts"

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Ceres Associates 424 First Street Benicia, CA 94510	Client Project ID: # CA1264-6; Oakland	Date Sampled: 10/01/07
		Date Received: 10/01/07
	Client Contact: Ryan Meyer	Date Extracted: 10/06/07
	Client P.O.:	Date Analyzed 10/06/07

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0710026

Lab ID	0710026-006C
Client ID	EX-01
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	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	1.4	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	3.0	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	2.2	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	110	%SS2:	98
%SS3:	111		

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.

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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Ceres Associates 424 First Street Benicia, CA 94510	Client Project ID: # CA1264-6; Oakland	Date Sampled: 10/01/07
		Date Received: 10/01/07
	Client Contact: Ryan Meyer	Date Extracted: 10/03/07-10/04/07
	Client P.O.:	Date Analyzed 10/03/07-10/04/07

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0710026

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-01	W	ND	ND	ND	ND	ND	ND	1	96
002A	MW-02	W	ND	ND	ND	ND	ND	ND	1	93
003A	MW-03	W	ND	ND	ND	ND	ND	ND	1	92
004A	MW-04	W	ND	ND	ND	ND	ND	ND	1	93
005A	MW-05	W	ND	ND	ND	ND	ND	ND	1	90
006A	EX-01	W	290,g,m	ND	ND	ND	ND	0.70	1	103

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* 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 McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) 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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Ceres Associates 424 First Street Benicia, CA 94510	Client Project ID: # CA1264-6; Oakland	Date Sampled: 10/01/07
		Date Received: 10/01/07
	Client Contact: Ryan Meyer	Date Extracted: 10/01/07
	Client P.O.:	Date Analyzed 10/04/07-10/05/07

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

Extraction method: SW3510C

Analytical methods: SW8015C

Work Order: 0710026

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0710026-001B	MW-01	W	ND	ND	1	115
0710026-002B	MW-02	W	ND	ND	1	117
0710026-003B	MW-03	W	ND	ND	1	114
0710026-004B	MW-04	W	ND	ND	1	91
0710026-005B	MW-05	W	ND	ND	1	115
0710026-006B	EX-01	W	230,d,b	ND	1	114

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

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

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

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant (cooking oil?); 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 range (?); no recognizable pattern; m) fuel oil; n) stoddard solvent/mineral spirits; p) see attached narrative.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0710026

EPA Method SW8260B	Extraction SW5030B			BatchID: 31004			Spiked Sample ID: 0710026-002C						
	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	92.7	91.7	1.09	99.4	100	0.863	70 - 130	30	70 - 130	30	
Benzene	ND	10	96.2	92.4	4.07	100	99.2	0.785	70 - 130	30	70 - 130	30	
t-Butyl alcohol (TBA)	ND	50	83.5	85.3	2.10	88.5	93.8	5.89	70 - 130	30	70 - 130	30	
Chlorobenzene	ND	10	110	108	1.54	113	114	0.859	70 - 130	30	70 - 130	30	
1,2-Dibromoethane (EDB)	ND	10	115	113	1.04	125	123	1.49	70 - 130	30	70 - 130	30	
1,2-Dichloroethane (1,2-DCA)	ND	10	93.7	88.2	6.08	102	102	0	70 - 130	30	70 - 130	30	
1,1-Dichloroethene	ND	10	116	114	1.59	126	124	0.944	70 - 130	30	70 - 130	30	
Diisopropyl ether (DIPE)	ND	10	102	99.8	2.19	109	109	0	70 - 130	30	70 - 130	30	
Ethyl tert-butyl ether (ETBE)	ND	10	92	89.7	2.58	100	99.9	0.376	70 - 130	30	70 - 130	30	
Methyl-t-butyl ether (MTBE)	ND	10	99.5	96.1	3.52	113	111	1.63	70 - 130	30	70 - 130	30	
Toluene	ND	10	95.6	92.9	2.90	99.4	98.4	0.990	70 - 130	30	70 - 130	30	
Trichloroethene	ND	10	82.9	79.2	4.54	89	88.3	0.701	70 - 130	30	70 - 130	30	
%SS1:	110	10	101	97	4.22	106	104	2.12	70 - 130	30	70 - 130	30	
%SS2:	98	10	101	100	0.292	101	101	0	70 - 130	30	70 - 130	30	
%SS3:	109	10	100	100	0	100	101	0.835	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 31004 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0710026-001C	10/01/07	10/06/07	10/06/07 4:38 PM	0710026-002C	10/01/07	10/06/07	10/06/07 5:23 PM
0710026-003C	10/01/07	10/06/07	10/06/07 6:10 PM	0710026-004C	10/01/07	10/06/07	10/06/07 6:55 PM
0710026-005C	10/01/07	10/06/07	10/06/07 7:41 PM	0710026-006C	10/01/07	10/06/07	10/06/07 8:31 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.

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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0710026

Analyte	EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 30985			Spiked Sample ID: 0710026-001A			
	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	102	99.8	2.02	99.2	98.1	1.21	70 - 130	30	70 - 130	30
MTBE	ND	10	80.6	78.9	2.10	110	110	0	70 - 130	30	70 - 130	30
Benzene	ND	10	98.7	97	1.77	97.2	98.4	1.23	70 - 130	30	70 - 130	30
Toluene	ND	10	98.4	96.7	1.68	88.5	89.2	0.699	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	102	101	1.57	97.8	98.8	1.03	70 - 130	30	70 - 130	30
Xylenes	ND	30	113	113	0	96.7	96.7	0	70 - 130	30	70 - 130	30
%SS:	96	10	94	93	0.957	98	97	0.387	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 30985 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0710026-001A	10/01/07	10/03/07	10/03/07 8:56 AM	0710026-002A	10/01/07	10/03/07	10/03/07 9:29 AM
0710026-003A	10/01/07	10/03/07	10/03/07 10:02 AM	0710026-004A	10/01/07	10/03/07	10/03/07 10:35 AM
0710026-005A	10/01/07	10/03/07	10/03/07 11:09 AM	0710026-006A	10/01/07	10/04/07	10/04/07 11:43 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.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0710026

EPA Method SW8015C		Extraction SW3510C			BatchID: 30957			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	117	117	0	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	104	105	1.01	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 30957 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0710026-001B	10/01/07	10/01/07	10/04/07 9:18 PM	0710026-002B	10/01/07	10/01/07	10/04/07 10:25 PM
0710026-003B	10/01/07	10/01/07	10/04/07 11:32 PM	0710026-004B	10/01/07	10/01/07	10/05/07 9:55 PM
0710026-005B	10/01/07	10/01/07	10/05/07 1:48 AM	0710026-006B	10/01/07	10/01/07	10/05/07 2:56 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.

Monitoring Well Data Sheets



ID#: EX - 01

Quarter: 3rd Date: 10/01/07 Sampler: Welsh

Well Details		Sampling Details	
Depth to Water (initial)	4.69	Start Time	
Well Diameter	4 inches	Stop Time	
Well Depth	14 feet	Pump Rate	
Screened Interval	5 - 15 feet	Notes	
Pumping Point	9.5 feet	Analysis	

Water Quality Data							
Time	Depth	Temp (C)	Cond (mS/cm)	DO (mg/L)	pH (units)	ORP	Turb
XXXXX	4.61						
0	4.79	22	70.8	2.93	5.8	-42	1.5
5	4.86	21.9	70.8	1.09	5.66	-62	0.1
6	4.88	21.9	70.3	1.02	5.64	-63	0.1
7	4.9	21.9	70.2	0.94	5.66	-66	1
8	4.92	21.9	70	0.92	5.67	-66	0.8

Notes: [(well depth) - (depth to water)] X (3) X (0.1336) = gallons to bale



ID#: MW-01

Quarter: 3rd Date: 10/01/07 Sampler: Welsh

Well Details		Sampling Details
Depth to Water (initial)	4.19	Start Time
Well Diameter	2 inches	Stop Time
Well Depth	12 feet	Pump Rate
Screened Interval	5-15 feet	Notes
Pumping Point	8.5 feet	Analysis

Water Quality Data							
Time	Depth	Temp (C)	Cond (mS/cm)	DO (mg/L)	pH (units)	ORP	Turb
XXXXX	4.28						
0	4.49	24.3	90.6	2.35	7.84	33	14.6
5	4.56	24.4	86.5	0.43	8.97	11	6.2
6	4.56	24.4	84.8	0.41	9	10	6.9
7	4.58	24.4	82.3	0.38	8.94	10	5.6
8	4.58	24.5	81.4	0.38	8.95	11	6.1

Notes: [(well depth) - (depth to water)] X (3) X (0.1336) = gallons to bale



ID#: MW-02

Quarter: 3rd Date: 10/01/07 Sampler: Welsh

Well Details		Sampling Details	
Depth to Water (initial)	4.37	Start Time	
Well Diameter	2 inches	Stop Time	
Well Depth	6 feet	Pump Rate	
Screened Interval	3 - 8 feet	Notes	
Pumping Point	5.0 feet	Analysis	

Water Quality Data							
Time	Depth	Temp (C)	Cond (mS/cm)	DO (mg/L)	pH (units)	ORP	Turb
XXXX	4.36						
0	4.59	20.9	13.6	7.09	7.92	110	28.8
5	4.7	21	13.5	6.22	8.26	111	27.6
6	4.74	21	13.4	6.18	8.28	111	26.1
7	4.76	21	13.4	6.11	8.3	111	29.6

Notes: [(well depth) - (depth to water)] X (3) X (0.1336) = gallons to bale



ID#: MW-03

Quarter: 3rd Date: 10/01/07 Sampler: Welsh

Well Details		Sampling Details	
Depth to Water (initial)	4.50 feet	Start Time	
Well Diameter	2 inches	Stop Time	
Well Depth	14 feet	Pump Rate	
Screened Interval	5 - 15 feet	Notes	
Pumping Point	9.5 feet	Analysis	

Water Quality Data							
Time	Depth	Temp (C)	Cond (mS/cm)	DO (mg/L)	pH (units)	ORP	Turb
XXXX	4.48						
0	4.49	22	0.131	2.5	7.23	127	37.4
5	4.49	21.7	0.132	0.82	6.47	139	27.1
6	4.49	21.7	0.132	0.78	6.39	141	28.1
7	4.49	21.7	0.132	0.79	6.31	142	27.7

Notes: [(well depth) - (depth to water)] X (3) X (0.1336) = gallons to bale



ID#: MW-04

Quarter: 3rd Date: 10/01/07 Sampler: Welsh

Well Details		Sampling Details	
Depth to Water (initial)	3.92 feet	Start Time	
Well Diameter	2 inches	Stop Time	
Well Depth	14 feet	Pump Rate	
Screened Interval	5-15 feet	Notes	
Pumping Point	9.5 feet	Analysis	

Water Quality Data							
Time	Depth	Temp (C)	Cond (mS/cm)	DO (mg/L)	pH (units)	ORP	Turb
XXXX	3.93						
0	4.28	21.4	87.1	2.33	5.84	113	-0.06
5	4.47	21.2	87.3	0.63	5.8	109	2
6	4.5	21.2	87.4	0.57	5.78	108	2.9
7	4.51	21.2	87.4	0.52	5.78	108	4.1
8	4.53	21.2	87.5	0.51	5.77	107	5.8
9	4.55	21.2	87.5	0.51	5.77	106	6.8

Notes: [(well depth) - (depth to water)] X (3) X (0.1336) = gallons to bale



ID#: MW-05

Quarter: 3rd Date: 10/01/07 Sampler: Welsh

Well Details		Sampling Details	
Depth to Water (initial)	3.27 feet	Start Time	
Well Diameter	2 inches	Stop Time	
Well Depth	14 feet	Pump Rate	
Screened Interval	5 - 15 feet	Notes	
Pumping Point	9.5 feet	Analysis	

Water Quality Data							
Time	Depth	Temp (C)	Cond (mS/cm)	DO (mg/L)	pH (units)	ORP	Turb
XXXX	3.24						
0	3.6	21	82.2	2.67	5.86	66	0.4
5	3.82	20.9	82.2	0.93	5.74	62	3.4
6	3.85	20.9	82.1	0.83	5.74	62	0.6
7	3.87	20.9	82.1	0.78	5.74	62	3.6
8	3.9	21	82.1	0.67	5.74	62	-0.3
9	3.92	21	82.2	0.77	5.73	62	3.1
10	3.95	21	82.1	0.82	5.74	63	1
11	3.97	21	82.2	0.81	5.73	63	1.3

Notes: [(well depth) - (depth to water)] X (3) X (0.1336) = gallons to bale