CONESTOGA-ROVERS & ASSOCIATES

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TRANSMITTAL

DATE: April 29, 2010

REFERENCE NO.: 521000

PROJECT NAME: 1137-1167 65th Street, Oakland

TO: Ms. Barbara Jakub
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – First Half 2010

- ☐ As Requested
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- ☐
- ☐

COMMENTS:
Should you have any questions regarding the content of this document, please contact Bob Foss at (510) 420-3348.

Copy to: Mr. Frederic Schrag *(electronic only)*
Mr. Dennis Parfitt

Completed by: Bob Foss [Please Print]

Signed: Robert Foss

Filing: **Correspondence File**

GROUNDWATER MONITORING REPORT – FIRST HALF 2010

1137-1167 65th STREET
OAKLAND, CALIFORNIA

AGENCY CASE NO. **RO0000082**

Prepared by:
Conestoga-Rovers & Associates

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APRIL 29, 2010
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1.0 INTRODUCTION

On behalf of the Mr. John Nady, Trustee of the Nady Trust (Nady), Conestoga-Rovers & Associates (CRA) is submitting this *Groundwater Monitoring Report –First Half 2010*. This report describes the first half 2010 groundwater monitoring activities performed at 1137-1167 65th Street, Oakland, California (Figure 1).

This groundwater monitoring event was conducted at the direction of the Alameda County Health Care Services Agency, Environmental Health Division (ACEH). This report presents a summary of the monitoring activities and results from the first half 2010 monitoring event. In addition, this report contains recommendations for second half 2010 activities.

1.1 SITE INFORMATION

Site Address	1137-1167 65th Street, Oakland, CA
Site Use	Commercial
Client and Contact	John Nady, Trustee of the Nady Trust Contact: Frederic Schrag
Consultant and Contact Person	CRA, Robert Foss, P.G.
Lead Agency and Contact Person	Alameda County Environmental Health, Ms. Barbara Jakub
Fuel Leak Case No.	RO0000082

2.0 SITE ACTIVITIES AND RESULTS

2.1 CURRENT ACTIVITIES

CRA contracted Muskan Environmental Sampling (MES) to perform semi-annual groundwater monitoring activities at the site. On March 8-9, 2010, MES measured groundwater levels in all 17 monitoring wells and collected groundwater samples from wells MW-1A, MW-1B, MW-2A, MW-3A, MW-3B, MW-3C, MW-4A, MW-6A, MW-6B, MW-7A, MW-7B, and MW-7C. As approved by the ACEH in a letter dated September 3, 2008, CRA implemented the proposed scope outlined in CRA's *Groundwater Monitoring Work Plan*, dated July 1, 2008. In August 2009, CRA drilled and constructed additional monitoring wells MW-3B, MW-7B, MW-3C and MW-7C, and added these wells to the monitoring and sampling scope of work.

As noted in the *Groundwater Monitoring Work Plan* and approved by Ms. Barbra Jakub of ACEH, the sampling and analysis was as follows:

- Analysis of total petroleum hydrocarbons as diesel (TPHd), gasoline (TPHg), motor oil (TPHmo), and Stoddard solvent (TPHss); and benzene, toluene, ethylbenzene, and total xylenes (BTEX) in groundwater samples collected from monitoring wells MW-1A, MW-2A, MW-3A, MW3B, MW3C, MW-4A, MW-6A, MW-6B, MW-7A, MW-7B, and MW-7C.
- Analysis of halogenated volatile organic compounds (HVOCs) in groundwater samples collected from monitoring wells MW-1A, MW-1B, MW-3A, MW-3B, MW-3C, MW-6A, MW-6B, MW-6C, MW-7A, MW-7B, and MW-7C.

CRA reviewed the laboratory work order summary on March 10, 2010, and compared historical HVOC analytic results to established RWQCB environmental screening levels (ESLs). The results of this review prompted an email to Ms. Jakub of ACEH requesting her concurrence with the elimination of HVOC analysis of samples from MW-1A, MW-1B, MW-3A, MW-6A, MW-6B and MW-7A. CRA requested a response if ACEH had any concerns with the elimination of HVOC analysis on these samples. As CRA received no response, the samples remained on hold and not analyzed.

2.1.1 WATER LEVEL MEASUREMENTS

CRA's groundwater monitoring subcontractor collected depth to water measurements with an electronic, conductance-actuated well sounder and recorded the measurements to the nearest 0.01-foot, relative to a previously established reference elevation. .Copies of the field data sheets are included as Appendix C. Table 2 contains these groundwater level measurements.

2.1.2 GROUNDWATER SAMPLING

MES collected groundwater samples from wells MW-1A, MW-1B, MW-2A, MW-3A, MW-3B, MW-3C, MW-4A, MW-6A, MW-6B, MW-7A, MW-7B, and MW-7C. Wells were purged prior to sampling to remove water from the well casing and annulus and promote an inflow of representative groundwater from the surrounding formation. Each well was purged using a new disposable bailer. Field measurements of pH, specific conductance, and temperature of purged groundwater were measured after

extraction of each successive casing volume. Casing volumes were calculated based on well diameter and height of the water column. Typically, purging continued until at least three casing volumes are extracted and consecutive pH, specific conductance, and temperature measurements appeared to stabilize. Water quality field measurements, purge volumes and sample collection data were recorded on field sampling data forms (Appendix C).

To minimize the potential for cross-contamination, groundwater monitoring equipment was decontaminated prior to being used in the first monitoring well and between successive wells. Groundwater samples were collected from each of the wells using clean disposable bailers or disposable tubing with a check valve. The samples were decanted from the bailers into 1-liter (L) amber glass containers and/or 40 mL glass volatile organic analysis (VOA) vials, all of which were supplied by McCampbell Analytical, Inc. (McCampbell) of Pittsburg, California. Sample containers were labeled and placed in a cooler chilled with water-based ice, for temporary storage and transport. A chain-of-custody record was maintained (Appendix B).

McCampbell Laboratory conducted analysis of groundwater samples for TPHd, TPHg, TPHmo, and TPHss by modified EPA Method SW8015Bm. BTEX compounds were analyzed by EPA Method SW8021B. Samples were also analyzed for HVOCs by EPA Method SW8260B, but only reported for the EPA Method 8010 basic target list. Samples marked for TPHd and TPHmo analysis were subjected to silica gel cleanup prior to analysis. The laboratory analytical report is included in Appendix B. Figures 2, 3, and 4 and Tables 2 and 3 document results of these analyses.

2.1.2 WASTE DISPOSAL

Approximately 69 gallons of purge water were generated during this monitoring event. This purge water was stored in sealed Department of Transportation (DOT) approved 55-gallon drums and temporarily left on site for eventual transport and disposal.

2.2 CURRENT RESULTS

A-Zone

Groundwater Flow Direction	West-northwest
Hydraulic Gradient	0.018
Range of Measured Water Depth from Top of Casing in Monitoring Wells	0.96 to 3.92 feet
Were Measureable Separate Phase Hydrocarbons Observed	No

B-Zone

Groundwater Flow Direction	South-southeast and North
Hydraulic Gradient	0.03 and 0.05
Range of Measured Water Depth from Top of Casing in Monitoring Wells	4.70 to 6.58 feet
Were Measureable Separate Phase Hydrocarbons Observed	No

C-Zone

Groundwater Flow Direction	West-northwest
Hydraulic Gradient	0.013
Range of Measured Water Depth from Top of Casing in Monitoring Wells	4.67 to 7.97 feet
Were Measureable Separate Phase Hydrocarbons Observed	No

2.2.1 GROUNDWATER FLOW DIRECTION AND GRADIENT

Depth-to-water measurements collected from all wells on March 8-9, 2009 ranged from 0.96 to 7.97 feet (ft) below top of casing (TOC). Groundwater elevations were calculated by subtracting the depth-to-water measurements from the surveyed TOC elevations. With the exception of March 2005 and March 2006 groundwater elevation calculations, these elevations are the highest recorded since measurements began in June 2004. This is evident in all three defined groundwater zones. The only observed exception to this condition is a lower than normal water level calculated in well MW-4B, located along the

sidewalk on 65th Street. Also noteworthy is the fact that groundwater elevations in the C-Zone were observed higher than those in B-Zone wells. The groundwater elevations for A, B, and C water-bearing zones were each plotted and contoured on Figures 2, 3, and 4, respectively. The higher groundwater elevations in all three zones result in contoured flow directions toward the west-northwest in the A- and C-Zones, contrary to the normally observed southwesterly groundwater flow direction. B-Zone groundwater elevations show a relatively higher elevation in well MW-3B at the center of the site, resulting in a radial groundwater flow direction from this well.

The A-Zone defines the first encountered water-bearing zone from approximately 3.5 feet below ground surface (ft bgs) to 12 ft bgs. A-Zone monitoring wells are MW-1A, MW-2A, MW-3A, MW-4A, MW-6A, and MW-7A. The groundwater flow direction in the A-Zone was northwest with a gradient of approximately 0.018 ft/ft (Figure 2). The B-Zone is defined as the second encountered water-bearing zone from approximately 13 ft bgs to 24 ft bgs. B-Zone monitoring wells are MW-1B, MW-3B, MW-4B, MW-5B, MW-6B, and MW-7B. The groundwater flow direction in the B-Zone was to the southeast and to the north with gradients of approximately 0.03 ft/ft and 0.05 ft/ft, respectively (Figure 3). The C-Zone defines the third encountered water-bearing zone from approximately 25 ft bgs to 46 ft bgs. C-Zone monitoring wells are MW-1C, MW-3C, MW-4C, MW-6C, and MW-7C. The groundwater flow direction in the C-Zone was northwest with a gradient of approximately 0.013 ft/ft (Figure 4).

A Rose diagram, depicting historical groundwater flow direction in each zone, is presented on the corresponding figure. The calculated groundwater flow direction in all three zones has fluctuated this quarter from historical results. Depth-to-water and groundwater elevation data are presented in Tables 2 and 3.

On September 21, 2009, groundwater data loggers were installed in monitoring wells MW-1A, MW-1B, and MW-1C. Graphed groundwater elevation data from these data loggers is presented on Figure 5. As noted above, all wells have shown the highest, or nearly so, groundwater elevations since measurements began in 2006. Additionally, calculated elevations of C-Zone groundwater are higher than associated B-Zone elevations. As stated in the *Additional Site Characterization Report*, dated February 25, 2010, it appears that B-Zone wells are screened through less permeable sediments and therefore respond to groundwater elevation changes more slowly than either the A- or C-Zones.

2.2.2 CHEMICALS DETECTED IN A-ZONE GROUNDWATER

During this monitoring event, groundwater samples from A-Zone monitoring wells MW-1A, MW-2A, MW-3A, MW-4A, MW-6A, and MW-7A were analyzed for petroleum hydrocarbons. No analysis of A-Zone groundwater samples for HVOCs occurred during this sampling event.

Petroleum hydrocarbons were detected in all A-Zone monitoring wells sampled except for MW-2A. TPHd concentrations ranged from 65 (MW-4A) to 110,000 micrograms per liter (µg/L) (MW-7A). TPHg concentrations ranged from 58 µg/L (MW-4A) to 19,000 µg/L (MW-7A). TPHmo was detected above the laboratory reporting limit in wells MW-3A and MW-6A at 1,500 µg/L and 420 µg/L, respectively. TPHss concentrations were detected in wells MW-1A, MW-3A, MW-6A and MW-7A at 1,200 µg/L, 22,000 µg/L, 5,500 µg/L and 27,000 µg/L, respectively.

Benzene and Toluene were detected only in well MW-4A, at 0.83 µg/L and 1.1 µg/L, respectively. Ethylbenzene was detected in wells MW-1A and MW-6A at 0.88 µg/L and 0.66 µg/L, respectively. Xylenes were detected in all A-Zone monitoring wells except for MW-2A, ranging from 1.6 µg/L (MW-1A) to 46 µg/L (MW-7A).

Historical A-Zone HVOCs are either below the established environmental screening levels (ESLs), or below the method detection levels. On March 10, 2010, CRA sent an email to Ms. Barbara Jakub of ACEH stating that no A-Zone samples from the March 8-9 sampling event were being analyzed for HVOCs. ACEH did not express any concerns regarding the elimination of HVOC analysis so these samples remained on hold.

Tables 2 and 3 and Figure 2 contain A-Zone groundwater analytical and water level data.

2.2.3 CHEMICALS DETECTED IN B-ZONE GROUNDWATER

EPA Method SW8015C and SW8021B analysis of B-Zone groundwater samples from wells MW-3B, MW-6B and MW-7B occurred during this monitoring event. Only samples from wells MW-3B and MW-7B were analyzed for HVOCs by EPA Method SW8260B. No other B-Zone groundwater samples were analyzed for HVOCs during this event.

Petroleum hydrocarbons were detected in B-Zone monitoring wells MW-6B and MW-7B. TPHg, TPHd, and TPHss were detected in well MW-6B at concentrations of

3,200 µg/L, 23,000 µg/L, and 4,200 µg/L, respectively. TPHg, TPHd, and TPHss were detected in well MW-7B at concentrations of 1,300 µg/L, 4,300 µg/L, and 1,800 µg/L, respectively. No petroleum hydrocarbons were reported in well MW-3B. No BTEX was reported in any of the three B-Zone wells sampled. HVOC analysis in wells MW-3B and MW-7B showed all analytes below detection levels. HVOC analysis of wells MW-1B and MW-6B was eliminated for the same reason stated above regarding A-Zone HVOCs.

Tables 2 and 3 and Figure 3 contain B-Zone groundwater analytical and water level data.

2.2.4 CHEMICALS DETECTED IN C-ZONE GROUNDWATER

During this monitoring event, groundwater samples from C-Zone monitoring wells MW-3C and MW-7C were analyzed for petroleum hydrocarbons by EPA Methods SW8015C and SW8021B, and were analyzed for HVOCs.

Detections of C-Zone petroleum hydrocarbons were in MW-7C only. TPHg, TPHd, and TPHss were detected in well MW-7C at concentrations of 660 µg/L, 1,400 µg/L, and 890 µg/L, respectively. Total xylenes were detected at a concentration of 4.1 µg/L. No benzene, toluene, or ethylbenzene was detected.

Historically, only well MW-6C has continuously been analyzed for HVOCs. This analysis was eliminated for MW-6C as stated above for select A- and B-Zone wells. No HVOCs were detected in either MW-3C or MW-7C, with the exception of 0.78 µg/L chlorobenzene in MW-7C.

C-Zone groundwater analytical data and water level data are presented in Tables 2 and 3, and summarized on Figure 4

2.2.5 GEOTRACKER SUBMITTALS

CRA uploaded the First Half 2010 groundwater depth data, analytical results, and this report to the State's GeoTracker database on behalf of Nady.

2.3 PROPOSED ACTIVITIES FOR SECOND HALF 2010

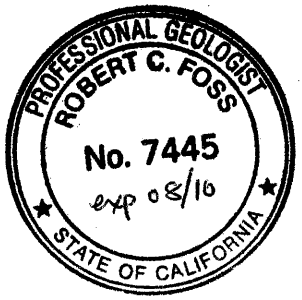
2.3.1 GROUNDWATER MONITORING

A semi-annual groundwater monitoring and sampling event will occur during the Third Quarter 2010. A report will be prepared detailing the activities and findings of the Second Half 2010 event will to be submitted to ACEH. Groundwater analytical, well gauging data and groundwater monitoring report will be uploaded to GeoTracker. The Second Half 2010 groundwater monitoring report will be submitted via ACEH's file transfer protocol (ftp) site and notification will be sent to Ms. Jakub by e-mail.

All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Bryan A. Fong

Robert Foss



Robert Foss, P.G.

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To the best of my knowledge, I have no argument or disagreement with the contents of this report.

Nady Trust U/D/T dated 1/21/1997

John Nady

John Nady, trustee

FIGURES

12/19/02

H:\SB-2004\NADY\FIGURES\VICINITY-MAP.AI

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

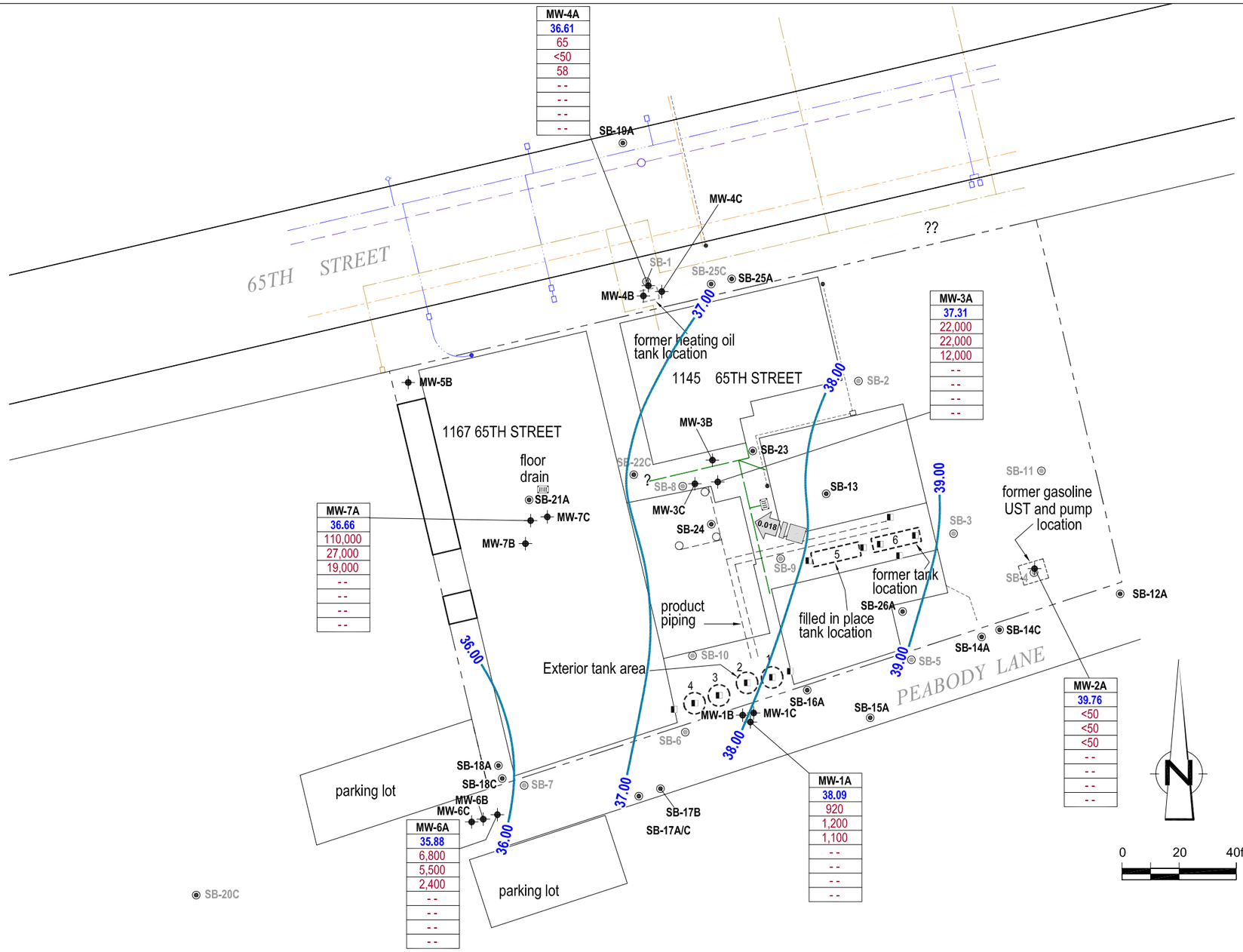
FIGURE 1

Vicinity Map

1137 - 1167 65th Street

Oakland, California

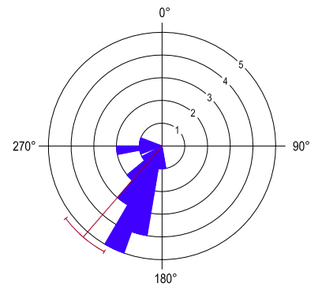
CONESTOGA-ROVERS & ASSOCIATES



EXPLANATION

- MW-1A — CRA monitoring well location
- SB-12 — CRA soil boring location
- SB-1 — CRA soil boring/temporary well location
- SCI soil sample location
- 1 — Former tank location and tank nomenclature
- Product piping
- Product piping stub-ups
- Electrical line
- Storm drain
- Sanitary sewer line
- Water line
- Gas line
- Communications line
- 36.00 — Groundwater elevation contour line in feet above mean sea level (MSL)
- 0.018 — Groundwater flow direction and gradient
- -- Not analyzed

Well ID	Monitoring Well Designation
ELEV.	Groundwater elevation in feet above mean sea level (MSL)
TPHd	Concentrations in groundwater in micrograms per liter
TPHss	
TPHg	
PCE	
TCE	
cis-1,2-DCE	
Vinyl Chloride	



Groundwater Flow Direction
2Q-04 through 1Q-10

Figure 2

GROUNDWATER FLOW AND CHEMICAL CONCENTRATIONS - A ZONE

1137 - 1167 65th STREET
Oakland, California
March 8-9, 2010

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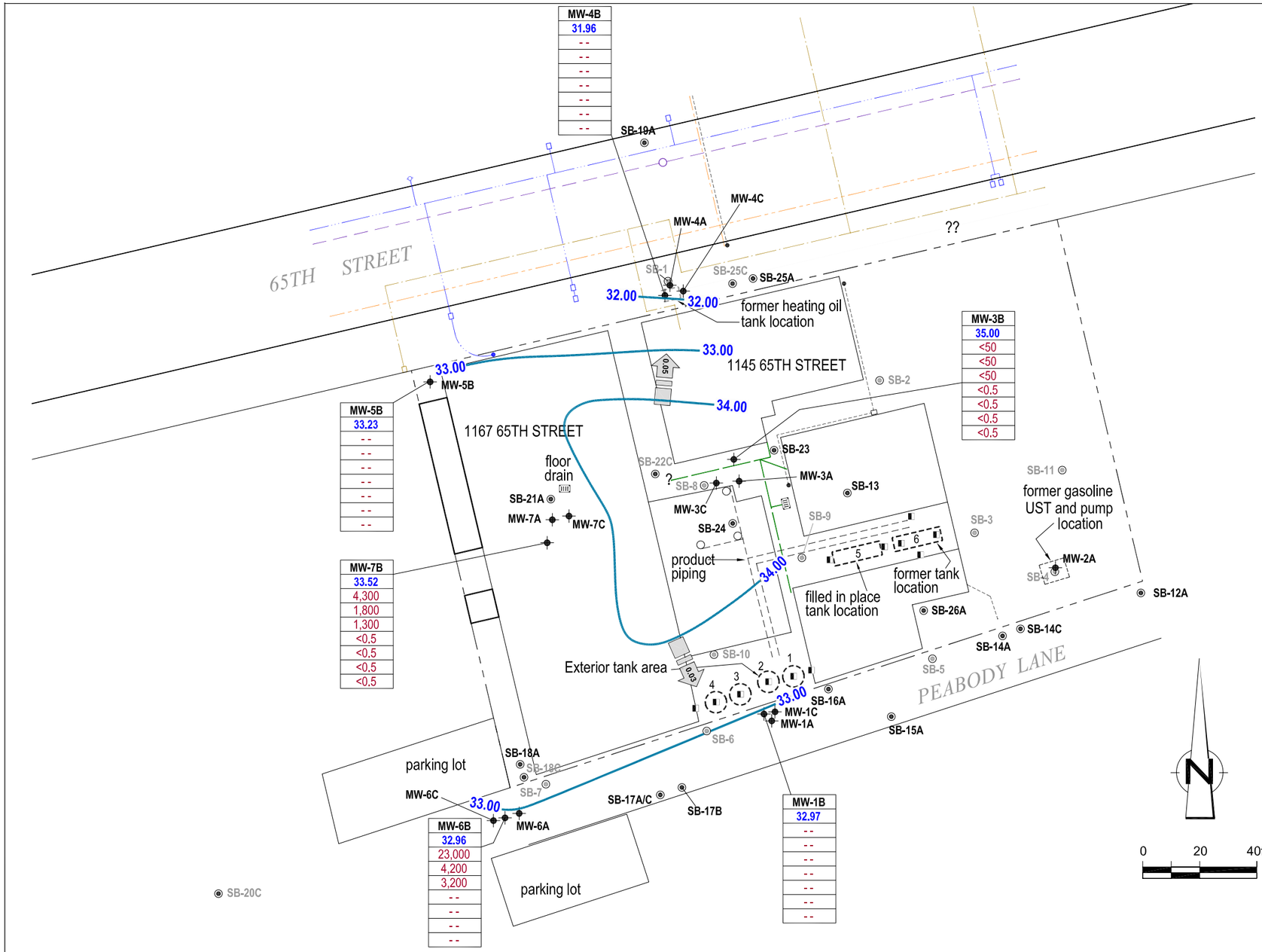

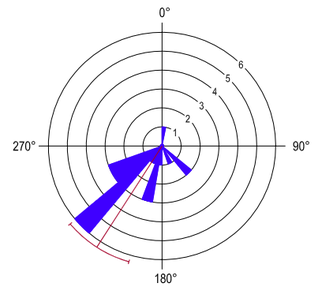

Groundwater Flow Direction
2Q-04 through 1Q-10

Figure 3

GROUNDWATER FLOW AND CHEMICAL CONCENTRATIONS - B ZONE

1137 - 1167 65th STREET
Oakland, California
March 8-9, 2010

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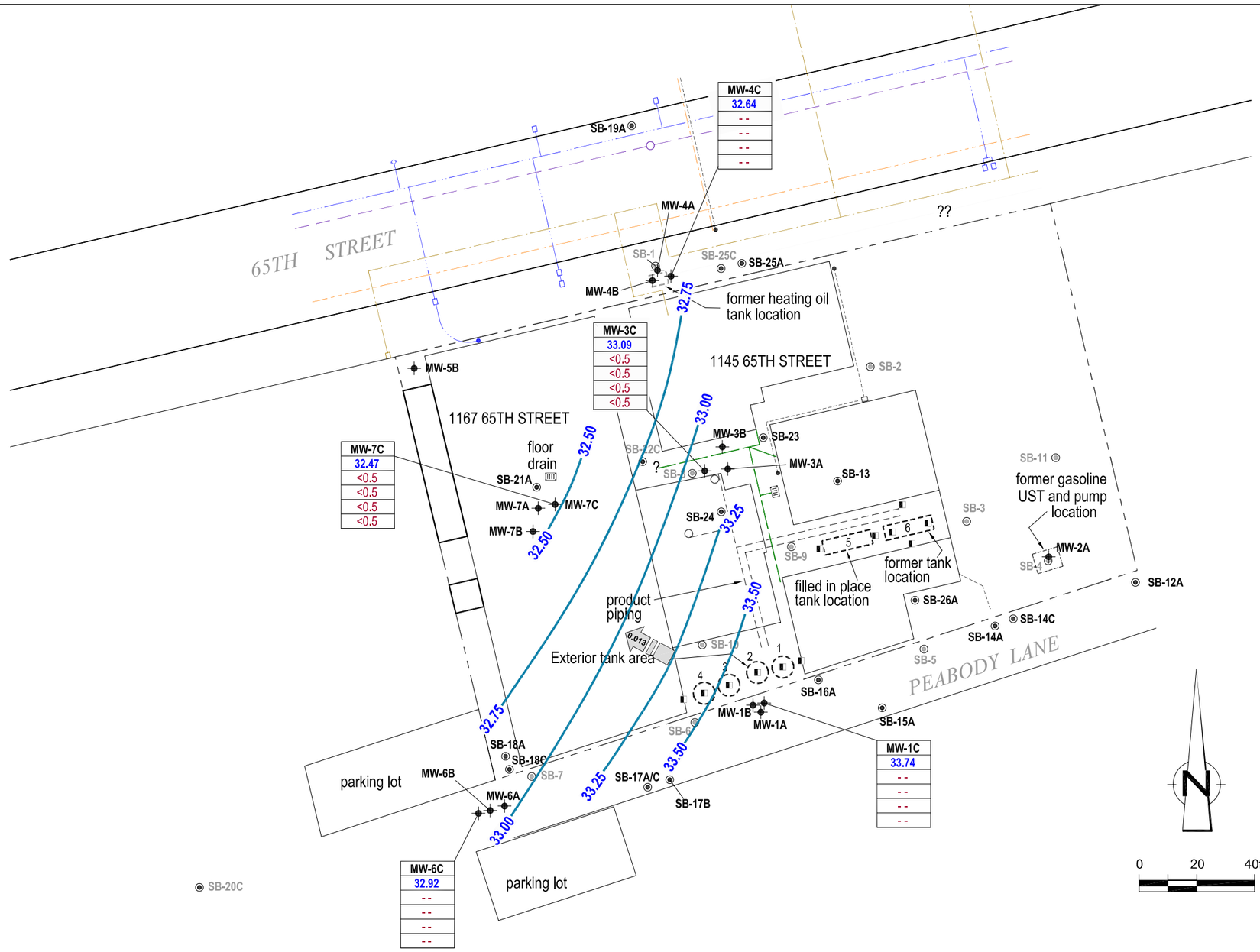
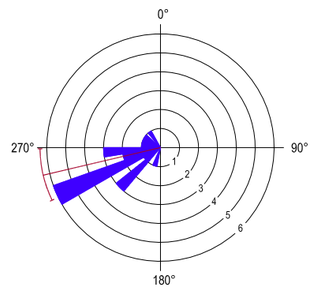


EXPLANATION

- MW-1A — CRA monitoring well location
- SB-12 — CRA soil boring location
- SB-1 — CRA soil boring/temporary well location
- SCI soil sample location
- 1 — Former tank location and tank nomenclature
- Product piping
- Product piping stub-ups
- Electrical line
- Storm drain
- Sanitary sewer line
- Water line
- Gas line
- Communications line
- 32.00 — Groundwater elevation contour line in feet above mean sea level (MSL)
- 0.004 — Groundwater flow direction and gradient
- -- Not analyzed

Well ID	Monitoring Well Designation
ELEV.	Groundwater elevation in feet above mean sea level (MSL)
PCE	
TCE	
cis-1,2-DCE	Concentrations in groundwater in micrograms per liter
Vinyl Chloride	



Groundwater Flow Direction
2Q-04 through 3Q-10

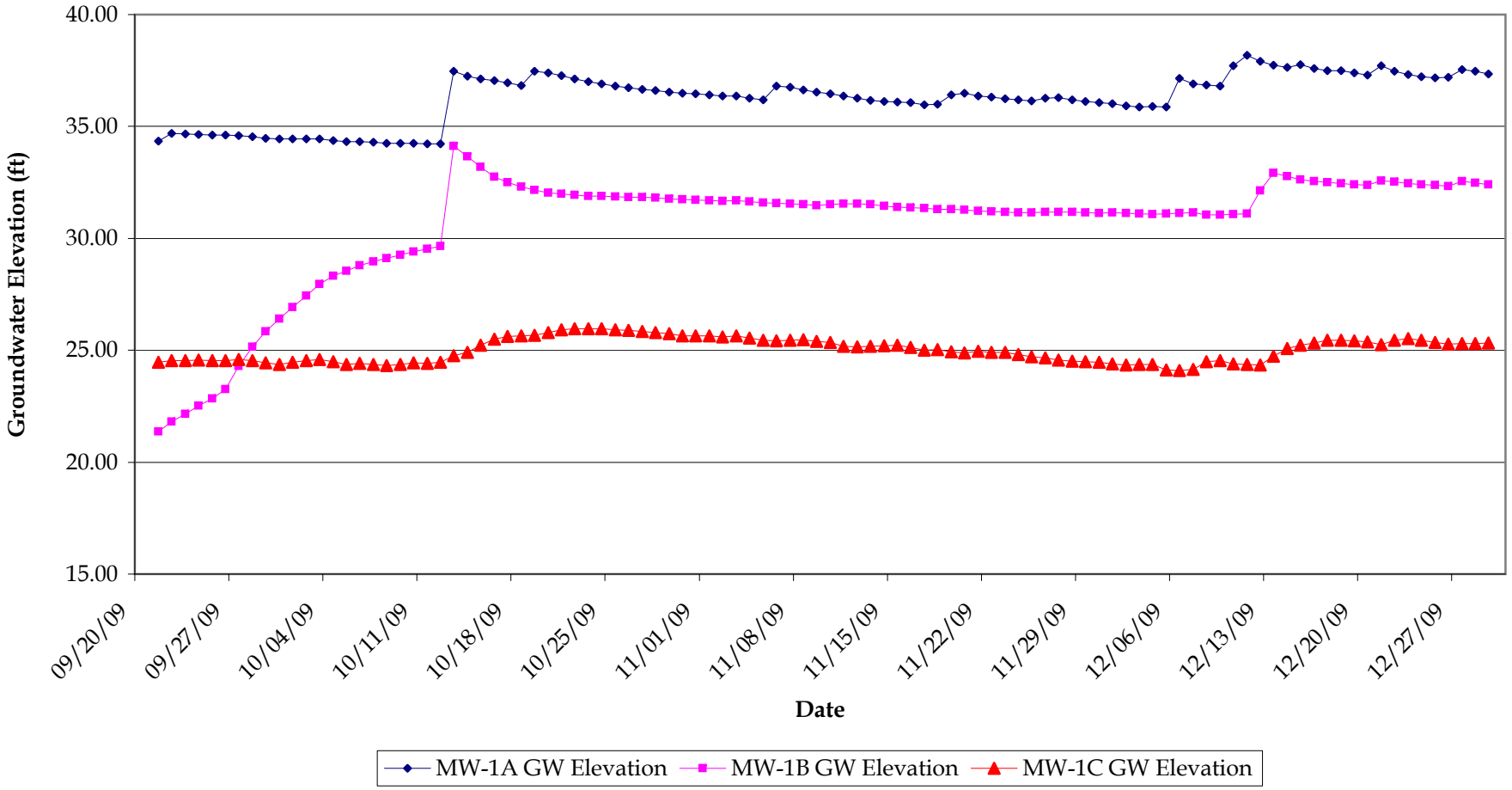
Figure 4

GROUNDWATER FLOW AND CHEMICAL CONCENTRATIONS - C ZONE

1137 - 1167 65th STREET
Oakland, California
March 8-9, 2010

I:\IR\6-chars\5210--\521000-Nady - Oakland\521000-FIGURES\521000_EM001-1Q10-C.DWG

FIGURE 5
TIME-SERIES GROUNDWATER ELEVATIONS IN WELLS: MW-1A, MW-1B, AND MW-1C
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA



TABLES

TABLE 1

WELL CONSTRUCTION DETAILS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID	*Date Installed*	*Borehole Depth* (ft)	*Borehole Diameter* (inches)	*Casing Diameter* (in)	*Screen Interval* (ft bgs)	*Screen Size* (in)	*Filter Pack* (ft bgs)	*Bentonite Seal* (ft bgs)	*Cement Seal* (ft bgs)	*TOC Elevation* (ft msl)	*First Water* (ft bgs)
A-Zone Monitoring Wells											
MW-1A	5/10/2004	14.5	8	2	4.5 - 14.5	0.010	3.5 - 14.5	2.5 - 3.5	0 - 2.5	39.64	7.0
MW-2A	5/11/2004	12.0	10	4	3.0 - 12.0	0.020	2.5 - 3.0	1.0 - 2.5	0 - 1.0	40.72	4.5
MW-3A	5/7/2004	16.0	8	2	3.5 - 14.0	0.010	3.0 - 3.5	2.0 - 3.0	0 - 2.0	40.88	4.0
MW-4A	5/18/2004	16.0	8	2	3.0 - 13.0	0.010	2.5 - 13.0	1.5 - 2.5	0 - 1.5	38.71	NA
MW-6A	5/11/2004	14.5	8	2	4.5 - 14.5	0.010	3.5 - 14.5	1.5 - 3.5	0 - 1.5	37.98	12.0
MW-7A	5/7/2004	10.0	6.5	1	5.0 - 10.0	0.010	4.0 - 10.0	3.0 - 4.0	0 - 3.0	40.58	6.0
B-Zone Monitoring Wells											
MW-1B	5/12/2004	20.0	8	2	16.5 - 20.0	0.010	15.5 - 20.0	13.0 - 15.5	0 - 13.0	39.50	7.0
MW-3B	8/17/2009	24.0	5	1	17.0 - 24.0	0.010	15.0 - 24.0	13.0 - 15.0	0 - 13.0	40.62	NA
MW-4B	5/18/2004	24.0	8	2	17.0 - 21.0	0.010	16.0 - 21.0	12.0 - 14.0 21.0 - 24.0	0 - 12.0	38.54	3.5
MW-5B	5/18/2004	24.0	8	2	15.0 - 24.0	0.010	14.0 - 24.0	12.0 - 14.0	0 - 12.0	38.98	NA
MW-6B	5/12/2004	24.5	8	2	17.0 - 22.0	0.010	16.0 - 22.0	14.0 - 16.0 22.0 - 24.5	0 - 14.0	37.66	15.5
MW-7B	8/14/2009	24.0	5	1	17.0 - 24.0	0.010	16.0 - 24.0	14.0 - 16.0	0 - 14.0	40.05	12.0
C-Zone Monitoring Wells											
MW-1C	5/10/2004	40.0	8	2	25.0 - 34.0	0.010	24.0 - 34.0	22.0 - 24.0 34.0 - 40.0	0 - 22.0	39.49	7.0
MW-3C	8/13/2009	40.0	5	1	27.0 - 38.0	0.010	26.0 - 38.0	24.0 - 26.0 38.0 - 40.0	0 - 24.0	41.00	12.0
MW-4C	5/17/2004	40.0	8	2	27.0 - 32.0	0.010	26.0 - 27.0	24.0 - 26.0 32.0 - 40.0	0 - 24.0	38.50	12.0
MW-6C	5/11/2004	39.5	8	2	26.5 - 34.0	0.010	25.5 - 34.0	23.0 - 25.0 34.0 - 39.5	0 - 23.0	37.59	15.0
MW-7C	8/14/2009	35.0	5	1	25.0 - 35.0	0.010	23.0 - 35.0	21.0 - 23.0	0 - 21.0	40.44	12.0

Abbreviations / Notes

ft = feet
in = inches
ft bgs = feet below grade surface
ft msl = feet above mean sea level
TOC = top of casing

TABLE 2

MONITORING WELL GROUNDWATER ANALYTICAL RESULTS: PETROLEUM HYDROCARBONS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation* (ft msl)	*Depth to Water* (ft, TOC)	*TPHss* (µg/L)	*TPHd* (µg/L)	*TPHmo* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*Notes*
MW-1A	6/3/2004	Zone A	35.14	4.50	2,500	1,300	260	1,400	ND<0.5	ND<0.5	2.0	11	ND<5.0	
39.64	11/23/2004		36.54	3.10	2,800	1,400	ND<250	2,300	0.64	ND<0.5	2.5	9.7	6.8	a,b,c
	3/14/2005		37.02	2.62	6,000	3,200	ND<250	4,800	0.68	ND<0.5	2.0	6.8	ND<5.0	d,e
	6/15/2005		35.14	4.50	3,400	2,500	ND<250	2,800	ND<2.5	ND<2.5	ND<2.5	5.9	ND<25	a,b,h,i,c
	9/19/2005		33.14	6.50	6,000	2,800	ND<250	4,100	ND<1.0	ND<1.0	3.3	6.2	ND<10	a,b,i,c
	12/12/2005		35.14	4.50	3,100	2,500	ND<250	2,600	ND<1.7	ND<1.7	2.7	6.5	ND<17	a,b,c,h,i
	3/13/2006		37.74	1.90	2,400	2,300	ND<250	2,000	0.51	ND<0.5	1.9	3.5	--	a,b,c,i
	6/19/2006		35.94	3.70	3,500	2,600	ND<250	2,200	0.52	ND<0.5	2.9	6.7	--	m,b,c
	9/20/2006		34.19	5.45	2,400	2,400	ND<250	2,200	ND<2.5	ND<2.5	3.0	9.7	--	a,b,c,i
	12/20/2006		37.02	2.62	1,400	1,900	ND<250	1,300	0.52	ND<0.5	2.9	7.6	--	a,e,h
	3/29/2007		37.04	2.60	2,100	1,200	ND<250	1,800	ND<0.5	ND<0.5	2.2	6.4	ND<5.0	a,b,c
	6/11/2007		35.72	3.92	2,200	2,200	ND<250	3,200	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,b,c
	9/7/2007		33.90	5.74	1,700	1,800	ND<250	2,300	ND<0.5	ND<0.5	2.2	4.6	ND<5.0	a,b,c
	12/12/2007		36.53	3.11	3,400	2,500	ND<250	3,100	ND<5.0	ND<5.0	ND<5.0	12	ND<50	a,c
	3/7/2008		37.23	2.41	1,600	1,700	ND<250	2,200	ND<0.5	ND<0.5	2.3	8.9	--	a,c
	6/9/2008		34.69	4.95	2,500	2,000	ND<250	2,200	ND<2.5	ND<2.5	3.4	8.1	ND<25	a,b,c,i
	9/5/2008		33.58	6.06	2,600	1,400	ND<250	2,300	ND<5.0	ND<5.0	ND<5.0	6.4	ND<50	a,c
	12/18/2008		36.68	2.96	1,900	1,800	ND<250	1,600	ND<0.5	ND<0.5	3.3	ND<0.5	--	a,b,c
	3/30/2009		37.28	2.36	3,100	1,800	ND<250	2,000	1.7	ND<1.0	3.4	5.3	ND<10	b,c,m
	9/21-22/2009		34.87	4.77	2,900	4,600	ND<250	2,600	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,c,h
	3/8/2010		**38.09**	**1.55**	**1,200**	**920**	**ND<250**	**1,100**	**ND<0.5**	**ND<0.5**	**0.88**	**1.6**	**--**	**a,b,c**
MW-2A	6/3/2004	Zone A	36.48	4.24	3,500	2,900	ND<250	1,700	ND<0.5	3.5	4.9	5.1	ND<5.0	
40.72	11/23/2004		37.83	2.89	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	3/14/2005		39.02	1.70	--	--	--	--	--	--	--	--	--	
	3/15/2005		--	--	260	560	450	360	ND<0.5	2.5	ND<0.5	ND<0.5	ND<5.0	e,d,g,i
	6/15/2005		37.91	2.81	--	--	--	--	--	--	--	--	--	
	6/16/2005		--	--	430	470	330	480	ND<0.5	2.9	ND<0.5	ND<0.5	ND<5.0	a,b,i,g,e
	9/19/2005		35.46	5.26	--	--	--	--	--	--	--	--	--	
	9/20/2005		--	--	960	2,100	870	960	ND<0.5	4.7	2.9	ND<0.5	ND<5.0	e,g,b,i,l
	12/12/2005		37.66	3.06	--	--	--	--	--	--	--	--	--	
	12/13/2005		--	--	510	700	470	670	ND<0.5	5.9	ND<0.5	ND<0.5	ND<5.0	a,b,e,g,i
	3/13/2006		40.33	0.39	--	--	--	--	--	--	--	--	--	

MONITORING WELL GROUNDWATER ANALYTICAL RESULTS: PETROLEUM HYDROCARBONS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation* (ft msl)	*Depth to Water* (ft, TOC)	*TPHss* (µg/L)	*TPHd* (µg/L)	*TPHmo* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*Notes*
MW-2A	3/14/2006		--	--	81	81	ND<250	100	ND<0.5	1.5	ND<0.5	ND<0.5	--	a,b,c,i
cont.	6/19/2006		37.31	3.41	--	--	--	--	--	--	--	--	--	
	6/20/2006		--	--	180	530	420	270	ND<0.5	1.7	ND<0.5	ND<0.5	--	e,g,i,l
	9/20/2006		34.65	6.07	1,700	800	730	1,700	ND<2.5	5.5	ND<2.5	ND<2.5	--	a,b,d,e,g,i
	12/20/2006		38.57	2.15	61	190	300	94	ND<0.5	1.5	ND<0.5	ND<0.5	--	e,g,m,n
	3/29/2007		38.22	2.50	240	200	ND<250	260	ND<0.5	2.7	ND<0.5	ND<0.5	ND<5.0	a,b,c
	6/11/2007		37.14	3.58	94	200	ND<250	180	ND<0.5	1.7	ND<0.5	ND<0.5	--	a,b,c,i
	9/7/2007		35.04	5.68	180	190	ND<250	240	ND<0.5	0.98	ND<0.5	ND<0.5	ND<5.0	a,b,c,i
	12/12/2007		37.82	2.90	140	220	360	190	ND<0.5	2.9	ND<0.5	ND<0.5	ND<5.0	a,b,g,e
	3/7/2008		38.79	1.93	ND<50	90	ND<250	100	ND<0.5	1.2	ND<0.5	ND<0.5	--	e,b
	6/9/2008		36.18	4.54	180	150	ND<250	180	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	a,b,e,i
	9/5/2008		34.46	6.26	220	180	310	300	ND<0.5	1.2	0.59	ND<0.5	ND<5.0	e,g,i,l
	12/18/2008		37.55	3.17	93	170	320	140	ND<0.5	2.7	ND<0.5	ND<0.5	--	a,b,c,d,g,i
	3/30/2009		38.76	1.96	ND<50	99	ND<250	96	ND<0.5	3.2	ND<0.5	ND<0.5	ND<5.0	b,d,e
	9/21-22/2009		35.99	4.73	83	75	ND<250	92	ND<0.5	0.88	ND<0.5	ND<0.5	--	c,i,l
	3/8/2010		**39.76**	**0.96**	**ND<50**	**ND<50**	**ND<250**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**--**	
MW-3A	6/3/2004	Zone A	36.56	4.32	12,000	90,000	6,000	4,800	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	
40.88	11/23/2004		37.89	2.99	5,700	22,000	ND<2,500	3,800	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	a,c,d
	3/14/2005		37.28	3.60	--	--	--	--	--	--	--	--	--	
	3/15/2005		--	--	3,500	37,000	ND<2,500	2,400	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<17	e,d,i
	6/15/2005		36.78	4.10	--	--	--	--	--	--	--	--	--	
	6/16/2005		--	--	3,300	15,000	ND<1,200	2,100	ND<1.7	ND<1.7	ND<1.7	2.4	ND<17	a,c,d,h,i
	9/19/2005		35.93	4.95	--	--	--	--	--	--	--	--	--	
	9/20/2005		--	--	8,000	55,000	ND<5,000	4,700	ND<1.0	ND<1.0	2.6	6.8	ND<10	a,b,c,d,i
	12/12/2005		36.72	4.16	--	--	--	--	--	--	--	--	--	
	12/13/2005		--	--	1,600	34,000	ND<12,000	1,100	ND<1.7	ND<1.7	ND<1.7	2.3	ND<17	a,b,c,d,h,i
	3/13/2006		37.42	3.46	--	--	--	--	--	--	--	--	--	
	3/14/2006		--	--	3,300	21,000	1,600	2,200	ND<0.5	ND<0.5	1.1	ND<0.5	--	a,c,d,g,h
	6/19/2006		36.48	4.40	--	--	--	--	--	--	--	--	--	
	6/20/2006		--	--	16,000	19,000	1,000	8,000	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	c,d,g,h,m
	9/20/2006		35.78	5.10	3,300	13,000	1,300	2,500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,c,d,g,h,i
	12/20/2006		36.78	4.10	3,500	15,000	670	2,600	ND<2.5	ND<2.5	ND<2.5	7.6	--	e,g,h,n

TABLE 2

MONITORING WELL GROUNDWATER ANALYTICAL RESULTS: PETROLEUM HYDROCARBONS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation* (ft msl)	*Depth to Water* (ft, TOC)	*TPHss* (µg/L)	*TPHd* (µg/L)	*TPHmo* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*Notes*
MW-3A	3/29/2007		36.82	4.06	3,400	21,000	940	2,600	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	a,c,d,h
cont.	6/11/2007		36.52	4.36	3,500	13,000	730	5,200	ND<10	ND<10	ND<10	ND<10	--	a,d,h
	9/7/2007		35.98	4.90	15,000	36,000	1,600	11,000	ND<10	ND<10	ND<10	ND<10	ND<100	a,c,d,h
	12/12/2007		36.54	4.34	13,000	41,000	ND<2,500	9,500	ND<5.0	7.1	ND<5.0	32	ND<50	a,c,h,
	3/7/2008		36.87	4.01	2,800	26,000	1,200	3,200	ND<2.5	ND<2.5	ND<2.5	2.5	--	a,h,c
	6/9/2008		36.03	4.85	16,000	20,000	ND<1,200	7,500	ND<25	ND<25	ND<25	ND<25	ND<250	a,c,h,i
	9/5/2008		35.78	5.10	19,000	17,000	1,200	15,000	ND<25	ND<25	ND<25	ND<25	ND<250	a,c,h
	12/18/2008		36.65	4.23	6,600	25,000	ND<2,500	4,700	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	c,m,h
	3/30/2009		37.19	3.69	15,000	31,000	ND<2,500	8,300	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	c,h,m
	9/21-22/2009		36.56	4.32	11,000	31,000	1,300	7,500	5.8	7.5	ND<5.0	ND<5.0	--	a,c,d,i
	3/8/2010		**37.31**	**3.57**	**22,000**	**22,000**	**1,500**	**12,000**	**ND<10**	**ND<10**	**ND<10**	**26**	**--**	**a,b,c,h**
MW-4A	6/3/2004	Zone A	36.26	2.45	ND<50	270	440	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
38.71	11/23/2004		37.13	1.58	ND<50	73	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	d
	3/14/2005		36.66	2.05	--	--	--	--	--	--	--	--	--	
	3/15/2005		--	--	ND<50	210	300	ND<50	0.91	1.7	ND<0.5	1.9	ND<5.0	g,d,f,i
	6/15/2005		36.38	2.33	--	--	--	--	--	--	--	--	--	
	6/16/2005		--	--	75	99	ND<250	59	1.0	1.9	ND<0.5	2.1	ND<5.0	j,d,f
	9/19/2005		35.01	3.70	--	--	--	--	--	--	--	--	--	
	9/20/2005		--	--	ND<50	87	ND<250	ND<50	1.2	2.1	0.51	2.4	ND<5.0	d,f
	12/12/2005		36.39	2.32	--	--	--	--	--	--	--	--	--	
	12/13/2005		--	--	ND<50	71	ND<250	ND<50	0.67	1.4	ND<0.5	1.9	ND<5.0	d,f,i
	3/13/2006		36.75	1.96	--	--	--	--	--	--	--	--	--	
	3/14/2006		--	--	ND<50	68	ND<250	ND<50	0.60	1.3	ND<0.5	1.8	--	d,f
	6/19/2006		36.15	2.56	--	--	--	--	--	--	--	--	--	
	6/20/2006		--	--	ND<50	72	ND<250	ND<50	0.53	1.1	ND<0.5	1.6	--	f
	9/20/2006		35.10	3.61	88	160	ND<250	110	1.2	2.5	0.61	3.9	--	a,d,f,i
	12/20/2006		36.39	2.32	ND<50	97	ND<250	ND<50	0.99	2.1	0.52	2.9	--	f
	3/29/2007		36.46	2.25	ND<50	ND<50	ND<250	ND<50	ND<0.5	0.93	ND<0.5	1.3	ND<5.0	
	6/11/2007		36.14	2.57	ND<50	66	ND<250	ND<50	ND<0.5	0.92	ND<0.5	1.6	--	d,f
	9/7/2007		35.34	3.37	ND<50	78	ND<250	ND<50	0.74	1.3	ND<0.5	1.9	ND<5.0	f
	12/12/2007		36.25	2.46	62	68	ND<250	86	0.62	1.8	ND<0.5	2.4	ND<5.0	j,d,f
	3/7/2008		36.46	2.25	ND<50	71	ND<250	ND<50	ND<0.5	1.0	ND<0.5	1.5	--	l,f

TABLE 2

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JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation* (ft msl)	*Depth to Water* (ft, TOC)	*TPHss* (µg/L)	*TPHd* (µg/L)	*TPHmo* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*Notes*
MW-4A	6/9/2008		35.49	3.22	ND<50	66	ND<250	ND<50	ND<0.5	0.94	ND<0.5	1.5	ND<5.0	d,f
cont.	9/5/2008		34.79	3.92	69	100	ND<250	90	0.61	1.2	ND<0.5	2.0	ND<5.0	d,h,j
	12/18/2008		36.55	2.16	ND<50	73	ND<250	ND<50	0.67	1.4	ND<0.5	2.3	--	d,f
	3/30/2009		36.43	2.28	70	89	ND<250	75	0.64	1.4	ND<0.5	2.4	ND<5.0	d,j
	9/21-22/2009		36.14	2.57	ND<50	66	ND<250	ND<50	ND<0.5	0.83	<0.5	1.9	--	f,i
	3/8/2010		**36.61**	**2.10**	**ND<50**	**65**	**ND<250**	**58**	**0.83**	**1.1**	**ND<0.5**	**2.0**	**--**	**d,e,j**
MW-6A	6/3/2004	Zone A	31.98	6.00	2,400	3,500	340	970	ND<0.5	ND<0.5	ND<0.5	2.1	ND<5.0	
37.98	11/23/2004		33.13	4.85	3,000	1,400	ND<250	1,900	ND<0.5	ND<0.5	ND<0.5	3.0	ND<5.0	a,c
	3/14/2005		35.03	2.95	2,600	5,900	ND<250	2,900	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	e,d,i
	6/15/2005		33.28	4.70	3,400	6,100	ND<250	2,200	ND<0.5	ND<0.5	0.60	4.4	ND<10	a,i,c,d
	9/19/2005		32.07	5.91	3,900	2,600	ND<250	2,200	ND<1.0	ND<1.0	1.4	7.6	ND<10	a,b,c
	12/12/2005		33.12	4.86	4,500	4,600	ND<250	2,900	ND<0.5	ND<0.5	1.6	8.9	ND<5.0	a,c,h,i
	3/13/2006		36.05	1.93	3,000	4,300	ND<250	1,900	ND<0.5	ND<0.5	ND<0.5	4.3	--	a,c,d,h
	6/19/2006		32.59	5.39	4,600	7,800	260	2,300	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	c,g,h,m
	9/20/2006		31.96	6.02	1,200	2,600	ND<250	960	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	a,c,i
	12/20/2006		33.57	4.41	3,200	4,100	ND<250	2,400	ND<5.0	ND<5.0	ND<5.0	8.1	--	e,h,n
	3/29/2007		33.67	4.31	2,700	2,900	ND<250	2,200	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	a,c
	6/11/2007		32.95	5.03	3,700	6,400	ND<250	4,300	ND<0.5	ND<0.5	2.1	9.5	--	a,c
	9/7/2007		32.32	5.66	1,400	5,800	ND<250	1,600	ND<1.0	ND<1.0	ND<1.0	3.1	ND<10	a,b,c,d,h
	12/12/2007		33.50	4.48	4,400	9,600	ND<250	3,300	ND<5.0	ND<5.0	ND<5.0	8.4	ND<50	a,c,d
	3/7/2008		34.30	3.68	3,700	6,200	280	4,100	ND<2.5	ND<2.5	ND<2.5	6.9	--	a,h,c
	6/9/2008		32.30	5.68	16,000	7,200	290	7,900	ND<10	ND<10	ND<10	ND<10	ND<100	a,c,h,i
	9/5/2008		32.05	5.93	11,000	3,200	ND<250	8,700	ND<10	ND<10	ND<10	ND<10	ND<100	a,c,h
	12/18/2008		33.98	4.00	4,300	11,000	460	3,000	ND<1.0	ND<1.0	1.2	ND<1.0	--	a,c,d,h
	3/30/2009		34.06	3.92	3,100	11,000	430	2,300	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	a,c,h,j
	9/21-22/2009		32.30	5.68	2,800	7,300	300	2,100	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,c,d,h
	3/8/2010		**35.88**	**2.10**	**5,500**	**6,800**	**420**	**2,400**	**ND<0.5**	**ND<0.5**	**0.66**	**3.9**	**--**	**a,b,c,d,h**
MW-7A	6/3/2004	Zone A	36.08	4.50	9,900	--	--	3,900	ND<5.0	ND<5.0	ND<5.0	6.6	ND<50	
40.58	11/23/2004		--	--	--	--	--	--	--	--	--	--	--	
	3/14/2005		37.03	3.55	3,700	14,000	620	3,900	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	c,d,h
	6/15/2005		36.41	4.17	3,900	24,000	ND<1,200	2,500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	a,c,d,h,i

MONITORING WELL GROUNDWATER ANALYTICAL RESULTS: PETROLEUM HYDROCARBONS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation* (ft msl)	*Depth to Water* (ft, TOC)	*TPHss* (µg/L)	*TPHd* (µg/L)	*TPHmo* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*Notes*
MW-7A	9/19/2005		35.25	5.33	13,000	43,000	ND<5,000	7,000	ND<10	ND<10	ND<10	ND<10	ND<100	a,c,i
cont.	12/12/2005		36.15	4.43	2,500	10,000	ND<1,200	1,700	ND<1.0	ND<1.0	1.4	2.4	ND<10	a,c,d,h,i
	3/13/2006		36.76	3.82	2,300	31,000	1,100	1,600	ND<0.5	ND<0.5	0.93	9.1	--	a,c,d,g,h,i
	6/19/2006		35.78	4.80	44,000	36,000	1,300	26,000	ND<5.0	ND<5.0	10	ND<5.0	--	c,d,g,h,i,m
	9/20/2006		35.03	5.55	69,000	36,000	ND<5,000	49,000	ND<50	ND<50	ND<50	ND<50	--	a,c,h,i
	12/20/2006		36.35	4.23	53,000	14,000	ND<1,200	38,000	ND<50	ND<50	ND<50	150	--	e,h,n
	3/29/2007		36.06	4.52	5,600	34,000	890	4,100	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	a,h,c,d
	6/11/2007		36.02	4.56	3,400	32,000	ND<1,200	3,800	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,c,d,h,i
	9/7/2007		35.18	5.40	19,000	57,000	ND<2,500	21,000	ND<10	ND<10	ND<10	54	ND<100	a,b,c,d,h
	12/12/2007		35.96	4.62	16,000	45,000	1,400	13,000	ND<25	ND<25	ND<25	ND<25	ND<250	a,c,d
	3/7/2008		36.28	4.30	3,500	56,000	1,600	3,800	ND<2.5	ND<2.5	ND<2.5	3.7	--	a,h,i,c
	6/9/2008		35.35	5.23	68,000	150,000	ND<12,000	35,000	ND<25	ND<25	ND<25	ND<25	ND<250	a,c,h,i
	9/5/2008		35.00	5.58	13,000	63,000	2,700	9,800	ND<25	ND<25	ND<25	ND<25	ND<250	a,c,h,i
	12/18/2008		35.95	4.63	9,100	28,000	ND<2,500	6,200	ND<2.5	ND<2.5	2.7	ND<2.5	--	a,c,h
	3/30/2009		36.38	4.20	16,000	110,000	ND<12,000	11,000	ND<25	ND<25	ND<25	ND<25	ND<250	a,c,h
	9/21-22/2009		35.77	4.81	6,400	84,000	ND<5,000	4,500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,c,h
	3/9/2010		**36.66**	**3.92**	**27,000**	**110,000**	**ND<5,000**	**19,000**	**ND<25**	**ND<25**	**ND<25**	**46**	**--**	**a,b,c,h**
MW-1B	6/3/2004	Zone B	25.10	14.40	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
39.50	11/23/2004		26.24	13.26	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	3/14/2005		33.97	5.53	ND<50	52	ND<250	ND<50	0.60	ND<0.5	ND<0.5	ND<0.5	ND<5.0	d,i
	6/15/2005		31.87	7.63	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	9/19/2005		30.35	9.15	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	12/12/2005		30.39	9.11	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	3/13/2006		32.15	7.35	--	--	--	--	--	--	--	--	--	
	6/19/2006		22.99	16.51	--	--	--	--	--	--	--	--	--	
	9/20/2006		30.32	9.18	--	--	--	--	--	--	--	--	--	
	12/20/2006		31.60	7.90	--	--	--	--	--	--	--	--	--	
	3/29/2007		24.63	14.87	--	--	--	--	--	--	--	--	--	
	6/11/2007		26.39	13.11	--	--	--	--	--	--	--	--	--	
	9/7/2007		28.42	11.08	--	--	--	--	--	--	--	--	--	
	12/12/2007		30.60	8.90	--	--	--	--	--	--	--	--	--	
	3/7/2008		32.48	7.02	--	--	--	--	--	--	--	--	--	

TABLE 2

MONITORING WELL GROUNDWATER ANALYTICAL RESULTS: PETROLEUM HYDROCARBONS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation* (ft msl)	*Depth to Water* (ft, TOC)	*TPHss* (µg/L)	*TPHd* (µg/L)	*TPHmo* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*Notes*
MW-1B	6/9/2008		30.50	9.00	--	--	--	--	--	--	--	--	--	
cont.	9/5/2008		30.11	9.39	--	--	--	--	--	--	--	--	--	
	12/18/2008		30.34	9.16	--	--	--	--	--	--	--	--	--	
	3/30/2009		32.09	7.41	--	--	--	--	--	--	--	--	--	
	9/21-22/2009		30.42	9.08	--	--	--	--	--	--	--	--	--	
	3/8/2010		**32.97**	**6.53**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-3B	9/21-22/2009	Zone B	31.69	8.93	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	i
40.62	**3/8/2010**		**35.00**	**5.62**	**ND<50**	**ND<50**	**ND<250**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**--**	**i**
MW-4B	6/3/2004	Zone B	33.52	5.02	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
38.54	11/23/2004		34.65	3.89	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	3/14/2005		34.78	3.76	--	--	--	--	--	--	--	--	--	
	3/15/2005		--	--	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	6/15/2005		33.98	4.56	--	--	--	--	--	--	--	--	--	
	6/16/2005		--	--	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	9/19/2005		32.57	5.97	--	--	--	--	--	--	--	--	--	
	9/20/2005		--	--	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	12/12/2005		33.65	4.89	--	--	--	--	--	--	--	--	--	
	12/13/2005		--	--	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	3/13/2006		34.61	3.93	--	--	--	--	--	--	--	--	--	
	6/19/2006		33.86	4.68	--	--	--	--	--	--	--	--	--	
	9/20/2006		32.58	5.96	--	--	--	--	--	--	--	--	--	
	12/20/2006		33.92	4.62	--	--	--	--	--	--	--	--	--	
	3/29/2007		33.96	4.58	--	--	--	--	--	--	--	--	--	
	6/11/2007		34.03	4.51	--	--	--	--	--	--	--	--	--	
	9/7/2007		33.22	5.32	--	--	--	--	--	--	--	--	--	
	12/12/2007		33.85	4.69	--	--	--	--	--	--	--	--	--	
	3/7/2008		34.58	3.96	--	--	--	--	--	--	--	--	--	
	6/9/2008		33.45	5.09	--	--	--	--	--	--	--	--	--	
	9/5/2008		32.64	5.90	--	--	--	--	--	--	--	--	--	
	12/18/2008		33.39	5.15	--	--	--	--	--	--	--	--	--	
	3/30/2009		34.33	4.21	--	--	--	--	--	--	--	--	--	

TABLE 2

MONITORING WELL GROUNDWATER ANALYTICAL RESULTS: PETROLEUM HYDROCARBONS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID *(TOC)*	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation (ft msl)*	*Depth to Water (ft, TOC)*	*TPHss (µg/L)*	*TPHd (µg/L)*	*TPHmo (µg/L)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Xylenes (µg/L)*	*MTBE (µg/L)*	*Notes*
MW-4B	9/21-22/2009		33.34	5.20	--	--	--	--	--	--	--	--	--	
cont.	**3/8/2010**		**31.96**	**6.58**	--	--	--	--	--	--	--	--	--	
MW-5B	6/3/2004	Zone B	30.16	8.82	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
38.98	11/23/2004		31.32	7.66	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	3/14/2005		32.71	6.27	--	--	--	--	--	--	--	--	--	
	3/15/2005		--	--	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	6/15/2005		31.20	7.78	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	9/19/2005		28.68	10.30	--	--	--	--	--	--	--	--	--	
	9/20/2005		--	--	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	12/12/2005		30.65	8.33	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	3/13/2006		32.87	6.11	--	--	--	--	--	--	--	--	--	
	6/19/2006		30.97	8.01	--	--	--	--	--	--	--	--	--	
	9/20/2006		29.68	9.30	--	--	--	--	--	--	--	--	--	
	12/20/2006		31.21	7.77	--	--	--	--	--	--	--	--	--	
	3/29/2007		31.40	7.58	--	--	--	--	--	--	--	--	--	
	6/11/2007		31.02	7.96	--	--	--	--	--	--	--	--	--	
	9/7/2007		30.02	8.96	--	--	--	--	--	--	--	--	--	
	12/12/2007		30.88	8.10	--	--	--	--	--	--	--	--	--	
	3/7/2008		32.55	6.43	--	--	--	--	--	--	--	--	--	
	6/9/2008		30.34	8.64	--	--	--	--	--	--	--	--	--	
	9/5/2008		29.50	9.48	--	--	--	--	--	--	--	--	--	
	12/18/2008		30.34	8.64	--	--	--	--	--	--	--	--	--	
	3/30/2009		32.10	6.88	--	--	--	--	--	--	--	--	--	
	9/21-22/2009		29.97	9.01	--	--	--	--	--	--	--	--	--	
	3/8/2010		**33.23**	**5.75**	--	--	--	--	--	--	--	--	--	
MW-6B	6/3/2004	Zone B	29.36	8.30	2,900	2,300	ND<250	1,100	ND<0.5	ND<0.5	ND<0.5	1.4	ND<5.0	
37.66	11/23/2004		30.53	7.13	700	280	ND<250	500	ND<0.5	ND<0.5	ND<0.5	1.6	ND<5.0	a,c
	3/14/2005		31.86	5.80	1,200	5,200	340	1,300	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	e,d,i
	6/15/2005		30.17	7.49	1,300	1,700	ND<250	900	ND<0.5	ND<0.5	ND<0.5	1.9	ND<5.0	a,c
	9/19/2005		28.83	8.83	2,000	2,700	ND<250	1,200	1.0	1.4	ND<1.0	5.0	ND<20	a,b,c
	12/12/2005		29.85	7.81	1,200	4,100	ND<250	840	ND<0.5	ND<0.5	ND<0.5	3.3	ND<5.0	a,c,h,i

TABLE 2

MONITORING WELL GROUNDWATER ANALYTICAL RESULTS: PETROLEUM HYDROCARBONS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation* (ft msl)	*Depth to Water* (ft, TOC)	*TPHss* (µg/L)	*TPHd* (µg/L)	*TPHmo* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*Notes*
MW-6B	3/13/2006		32.31	5.35	2,000	6,900	270	1,400	ND<0.5	ND<0.5	ND<0.5	4.7	--	a,c,d,h,i
cont.	6/19/2006		29.88	7.78	3,300	7,700	310	1,700	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	c,g,h,m
	9/20/2006		28.78	8.88	4,200	16,000	740	3,200	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,c,d,g,h,i
	12/20/2006		30.34	7.32	77,000	16,000	ND<1,200	55,000	ND<50	ND<50	ND<50	130	--	e,g,h,n
	3/29/2007		30.44	7.22	4,300	24,000	650	3,400	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	a,h,c,d
	6/11/2007		29.93	7.73	2,100	29,000	ND<1,200	2,600	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,c,d,h
	9/7/2007		28.95	8.71	3,800	32,000	ND<1,200	4,500	ND<5.0	ND<5.0	ND<5.0	11	ND<50	a,b,c,d,h
	12/12/2007		30.00	7.66	15,000	36,000	1,000	12,000	ND<25	ND<25	ND<25	ND<25	ND<250	a,h,c,d
	3/7/2008		31.70	5.96	2,700	27,000	1,100	3,100	ND<2.5	ND<2.5	ND<2.5	6.1	--	a,h,k
	6/9/2008		29.36	8.30	20,000	81,000	ND<5,000	9,500	ND<25	ND<25	ND<25	ND<25	ND<250	a,c,h
	9/5/2008		28.66	9.00	17,000	40,000	ND<2500	13,000	ND<10	ND<10	ND<10	ND<10	ND<100	a,c,h
	12/18/2008		29.68	7.98	7,400	29,000	ND<2,500	5,200	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,c,h
	3/30/2009		31.31	6.35	13,000	34,000	ND<2,500	10,000	ND<25	ND<25	ND<25	ND<25	ND<250	c,h,m
	9/21-22/2009		28.94	8.72	2,900	15,000	610	2,200	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,c,d,h
	3/8/2010		**32.96**	**4.70**	**4,200**	**23,000**	**ND<2,500**	**3,200**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**--**	**a,b,c,h**
MW-7B	9/21-22/2009	Zone B	30.73	9.32	1,700	6,300	ND<500	1,300	ND<0.5	ND<0.5	ND<0.5	2.3	--	a,c,h
40.05	**3/9/2010**		**33.52**	**6.53**	**1,800**	**4,300**	**ND<250**	**1,300**	**ND<5.0**	**ND<5.0**	**ND<5.0**	**ND<5.0**	**--**	**a,c,i**
MW-1C	6/3/2004	Zone C	30.07	9.42	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
39.49	11/23/2004		31.30	8.19	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	3/14/2005		32.58	6.91	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	f
	6/15/2005		30.89	8.60	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	9/19/2005		29.19	10.30	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	12/12/2005		30.54	8.95	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	3/13/2006		32.99	6.50	--	--	--	--	--	--	--	--	--	
	6/19/2006		30.66	8.83	--	--	--	--	--	--	--	--	--	
	9/20/2006		29.53	9.96	--	--	--	--	--	--	--	--	--	
	12/20/2006		31.13	8.36	--	--	--	--	--	--	--	--	--	
	3/29/2007		31.19	8.30	--	--	--	--	--	--	--	--	--	
	6/11/2007		30.63	8.86	--	--	--	--	--	--	--	--	--	
	9/7/2007		29.60	9.89	--	--	--	--	--	--	--	--	--	
	12/12/2007		30.61	8.88	--	--	--	--	--	--	--	--	--	

TABLE 2

MONITORING WELL GROUNDWATER ANALYTICAL RESULTS: PETROLEUM HYDROCARBONS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation* (ft msl)	*Depth to Water* (ft, TOC)	*TPHss* (µg/L)	*TPHd* (µg/L)	*TPHmo* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*Notes*
MW-1C	3/7/2008		32.46	7.03	--	--	--	--	--	--	--	--	--	
cont.	6/9/2008		30.07	9.42	--	--	--	--	--	--	--	--	--	
	9/5/2008		29.34	10.15	--	--	--	--	--	--	--	--	--	
	12/18/2008		30.28	9.21	--	--	--	--	--	--	--	--	--	
	3/30/2009		32.12	7.37	--	--	--	--	--	--	--	--	--	
	9/21-22/2009		29.59	9.90	--	--	--	--	--	--	--	--	--	
	3/8/2010		**33.74**	**5.75**	--	--	--	--	--	--	--	--	--	
MW-3C	9/21-22/2009	Zone C	29.52	11.48	ND<50	79	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	f,i
41.00	**3/8/2010**		**33.09**	**7.91**	**ND<50**	**ND<50**	**ND<250**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	--	i
MW-4C	6/3/2004	Zone C	30.10	8.40	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
38.50	11/23/2004		31.31	7.19	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	3/14/2005		33.15	5.35	--	--	--	--	--	--	--	--	--	
	3/15/2005		--	--	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	6/15/2005		30.85	7.65	--	--	--	--	--	--	--	--	--	
	6/16/2005		--	--	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	9/19/2005		25.97	12.53	--	--	--	--	--	--	--	--	--	
	9/20/2005		--	--	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	12/12/2005		30.00	8.50	--	--	--	--	--	--	--	--	--	
	12/13/2005		--	--	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	i
	3/13/2006		31.18	7.32	--	--	--	--	--	--	--	--	--	
	6/19/2006		30.90	7.60	--	--	--	--	--	--	--	--	--	
	9/20/2006		29.91	8.59	--	--	--	--	--	--	--	--	--	
	12/20/2006		31.21	7.29	--	--	--	--	--	--	--	--	--	
	3/29/2007		31.29	7.21	--	--	--	--	--	--	--	--	--	
	6/11/2007		30.93	7.57	--	--	--	--	--	--	--	--	--	
	9/7/2007		30.20	8.30	--	--	--	--	--	--	--	--	--	
	12/12/2007		31.10	7.40	--	--	--	--	--	--	--	--	--	
	3/7/2008		32.25	6.25	--	--	--	--	--	--	--	--	--	
	6/9/2008		30.35	8.15	--	--	--	--	--	--	--	--	--	
	9/5/2008		29.62	8.88	--	--	--	--	--	--	--	--	--	
	12/18/2008		30.31	8.19	--	--	--	--	--	--	--	--	--	

TABLE 2

MONITORING WELL GROUNDWATER ANALYTICAL RESULTS: PETROLEUM HYDROCARBONS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation* (ft msl)	*Depth to Water* (ft, TOC)	*TPHss* (µg/L)	*TPHd* (µg/L)	*TPHmo* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*Notes*
MW-4C	3/30/2009		31.59	6.91	--	--	--	--	--	--	--	--	--	
cont.	9/21-22/2009		30.08	8.42	--	--	--	--	--	--	--	--	--	
	3/8/2010		**32.64**	**5.86**	--	--	--	--	--	--	--	--	--	
MW-6C	6/3/2004	Zone C	27.89	9.70	340	240	ND<250	160	ND<0.5	ND<0.5	ND<0.5	1.1	ND<5.0	
37.59	11/23/2004		29.21	8.38	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	3/14/2005		31.79	5.80	ND<50	60	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	d
	6/15/2005		30.14	7.45	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	9/19/2005		28.79	8.80	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	12/12/2005		29.81	7.78	ND<50	ND<50	ND<250	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	
	3/13/2006		32.09	5.50	--	--	--	--	--	--	--	--	--	
	6/19/2006		29.84	7.75	--	--	--	--	--	--	--	--	--	
	9/20/2006		28.74	8.85	--	--	--	--	--	--	--	--	--	
	12/20/2006		30.29	7.30	--	--	--	--	--	--	--	--	--	
	3/29/2007		30.39	7.20	--	--	--	--	--	--	--	--	--	
	6/11/2007		29.86	7.73	--	--	--	--	--	--	--	--	--	
	9/7/2007		28.92	8.67	--	--	--	--	--	--	--	--	--	
	12/12/2007		29.94	7.65	--	--	--	--	--	--	--	--	--	
	3/7/2008		31.63	5.96	--	--	--	--	--	--	--	--	--	
	6/9/2008		29.32	8.27	--	--	--	--	--	--	--	--	--	
	9/5/2008		28.60	8.99	--	--	--	--	--	--	--	--	--	
	12/18/2008		29.64	7.95	--	--	--	--	--	--	--	--	--	
	3/30/2009		31.26	6.33	--	--	--	--	--	--	--	--	--	
	9/21-22/2009		28.89	8.70	--	--	--	--	--	--	--	--	--	
	3/8/2010		**32.92**	**4.67**	--	--	--	--	--	--	--	--	--	

TABLE 2

MONITORING WELL GROUNDWATER ANALYTICAL RESULTS: PETROLEUM HYDROCARBONS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation* (ft msl)	*Depth to Water* (ft, TOC)	*TPHss* (µg/L)	*TPHd* (µg/L)	*TPHmo* (µg/L)	*TPHg* (µg/L)	*Benzene* (µg/L)	*Toluene* (µg/L)	*Ethylbenzene* (µg/L)	*Xylenes* (µg/L)	*MTBE* (µg/L)	*Notes*
MW-7C	9/21-22/2009	Zone C	29.53	10.91	2,300	1,900	ND<250	1,600	ND<0.5	ND<0.5	ND<0.5	ND<2.0	--	a,c,h
40.44	**3/9/2010**		**32.47**	**7.97**	**890**	**1,400**	**ND<250**	**660**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**4.1**	**--**	**a,c,i**

Abbreviations and Notes:

µg/L = micrograms per liter - approximately equal to parts per billion = ppb
(TOC) = Top of casing elevation in feet above mean sea level (msl)
ft = measured in feet
TPHd = Total petroleum hydrocarbons as diesel by EPA Method SW8015C with silica gel cleanup (C10-C23)
TPHg = Total petroleum hydrocarbons as gasoline by EPA Method SW8015C (C6-C12).
TPHmo = Total petroleum hydrocarbons as motor oil by EPA Method SW8015C with silica gel cleanup (C18-C36)
TPHss = Total petroleum hydrocarbons as stoddard solvent by EPA Method SW8015C (C9-C12)
Benzene, toluene, ethylbenzene, and xylenes by EPA Method SW8021B.
MTBE = Methyl tertiary-butyl ether by EPA Method SW8021B (EPA Method SW8260B).
ND<50 = Not Detected above detection limit cited.
-- = Not available, not applicable, not analyzed, not measured
a = TPH pattern that does not appear to be derived from gasoline
(stoddard solvent/mineral spirit?).
b = No recognizable pattern.
c = Stoddard solvent/mineral spirit.
d = Diesel range compounds are significant; no recognizable pattern.
e = Gasoline range compounds are significant.
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 contains greater than ~1 vol. % sediment.
j = Unmodified or weakly modified gasoline is significant
k = TPHg range non-target isolated peaks subtracted out of the TPHg concentration
l = Heavier gasoline compounds are significant (aged gasoline?)
m = Strongly aged gasoline or diesel range compounds are significant
n = Diesel range compounds are significant

TABLE 3

MONITORING WELL GROUNDWATER
ANALYTICAL RESULTS: HALOGENATED
VOLATILE ORGANIC COMPOUNDS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation (ft amsl)*	*Depth to Water (ft, TOC)*	*Chlorobenzene (µg/L)*	*Chloroethane (µg/L)*	*Chloroform (µg/L)*	*1,1,2,2,-Tetra-chloroethane (µg/L)*	*(PCE) Tetrachloroethene (µg/L)*	*(TCE) Trichloroethene (µg/L)*	*1,2-Dichlorobenzene (µg/L)*	*cis-1,2-Dichloroethene (µg/L)*	*trans-1,2-Dichloroethene (µg/L)*	*1,1-Dichloroethane (µg/L)*	*(1,2-DCA) 1,2-Dichloroethane (µg/L)*	*Vinyl Chloride (µg/L)*	*Notes*
MW-1A	6/3/2004	**Zone A**	35.14	4.50	--	ND<2.5	ND<2.5	ND<2.5	55	16	ND<2.5	36	ND<2.5	ND<2.5	ND<2.5	6.3	
39.64	11/23/2004		36.54	3.10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	38	11	ND<1.0	51	2.4	2.8	ND<1.0	9.5	
	3/14/2005		37.02	2.62	ND<1.0	ND<1.0	ND<1.0	ND<1.0	42	12	2.0	32	2.2	2.4	ND<1.0	8.0	
	6/15/2005		35.14	4.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	62	19	2.6	24	2.4	3.0	ND<1.0	10	h,i
	9/19/2005		33.14	6.50	ND<1.2	ND<1.2	ND<1.2	ND<1.2	55	18	2.3	28	2.0	2.6	ND<1.2	9.4	i
	12/12/2005		35.14	4.50	ND<1.0	ND<1.0	ND<1.0	16	60	17	2.0	22	2.3	2.5	ND<1.0	12	h,i
	3/13/2006		37.74	1.90	ND<1.2	ND<1.2	ND<1.2	14	30	17	ND<1.2	16	1.4	2.0	ND<1.2	4.0	i
	6/19/2006		35.94	3.70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	33	9.0	ND<0.5	15	1.1	1.8	ND<0.5	3.2	
	9/20/2006		34.19	5.45	ND<0.5	ND<0.5	ND<0.5	ND<0.5	34	15	ND<0.5	21	1.6	2.3	ND<0.5	5.4	i
	12/20/2006		37.02	2.62	ND<0.5	ND<0.5	ND<0.5	ND<0.5	27	15	ND<0.5	16	1.3	1.7	ND<0.5	5.2	
	3/29/2007		37.04	2.60	ND<0.5	ND<0.5	ND<0.5	ND<0.5	29	16	ND<0.5	13	1.2	1.4	ND<0.5	ND<0.5	
	6/11/2007		35.72	3.92	ND<0.5	ND<0.5	ND<0.5	ND<0.5	26	17	ND<0.5	13	1.6	1.9	ND<0.5	2.3	
	9/7/2007		33.90	5.74	ND<0.5	ND<0.5	ND<0.5	ND<0.5	25	15	ND<0.5	17	1.4	2.0	ND<0.5	2.3	
	12/12/2007		36.53	3.11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	15	10	ND<0.5	14	1.2	2.1	ND<0.5	1.5	
	3/7/2008		37.23	2.41	ND<0.5	ND<0.5	ND<0.5	17	9.0	9.3	1.3	13	1.2	1.7	ND<0.5	1.7	
	6/9/2008		34.69	4.95	ND<0.5	ND<0.5	ND<0.5	ND<0.5	11	9.0	ND<0.5	11	1.1	1.8	ND<0.5	2.4	i
	9/5/2008		33.58	6.06	ND<0.5	ND<0.5	ND<0.5	ND<0.5	12	13	ND<0.5	13	1.3	1.7	ND<0.5	1.5	
	12/18/2008		36.68	2.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	8.6	8.6	ND<0.5	13	0.99	1.5	ND<0.5	2.7	
	3/30/2009		37.28	2.36	ND<0.5	ND<0.5	ND<0.5	ND<0.5	11	10	ND<0.5	9.8	1.1	1.5	ND<0.5	2.5	
	9/21-22/2009		34.87	4.77	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5.7	2.2	ND<1.0	9.2	ND<1.0	ND<1.0	ND<1.0	ND<1.0	h
	3/8/2010		**38.09**	**1.55**	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2A	6/3/2004	**Zone A**	36.48	4.24	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
40.72	11/23/2004		37.83	2.89	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	3/14/2005		39.02	1.70	--	--	--	--	--	--	--	--	--	--	--	--	
	3/15/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	6/15/2005		37.91	2.81	--	--	--	--	--	--	--	--	--	--	--	--	
	6/16/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	9/19/2005		35.46	5.26	--	--	--	--	--	--	--	--	--	--	--	--	
	9/20/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	12/12/2005		37.66	3.06	--	--	--	--	--	--	--	--	--	--	--	--	
	12/13/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	3/13/2006		40.33	0.39	--	--	--	--	--	--	--	--	--	--	--	--	
	6/19/2006		37.31	3.41	--	--	--	--	--	--	--	--	--	--	--	--	
	9/20/2006		34.65	6.07	--	--	--	--	--	--	--	--	--	--	--	--	
	12/20/2006		38.57	2.15	--	--	--	--	--	--	--	--	--	--	--	--	
	3/29/2007		38.22	2.50	--	--	--	--	--	--	--	--	--	--	--	--	
	6/11/2007		37.14	3.58	--	--	--	--	--	--	--	--	--	--	--	--	
	9/7/2007		35.04	5.68	--	--	--	--	--	--	--	--	--	--	--	--	
	12/12/2007		37.82	2.90	--	--	--	--	--	--	--	--	--	--	--	--	
	3/7/2008		38.79	1.93	--	--	--	--	--	--	--	--	--	--	--	--	
	6/9/2008		36.18	4.54	--	--	--	--	--	--	--	--	--	--	--	--	
	9/5/2008		34.46	6.26	--	--	--	--	--	--	--	--	--	--	--	--	
	12/18/2008		37.55	3.17	--	--	--	--	--	--	--	--	--	--	--	--	
	3/30/2009		38.76	1.96	--	--	--	--	--	--	--	--	--	--	--	--	

TABLE 3

MONITORING WELL GROUNDWATER
ANALYTICAL RESULTS: HALOGENATED
VOLATILE ORGANIC COMPOUNDS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation (ft amsl)*	*Depth to Water (ft, TOC)*	*Chlorobenzene (µg/L)*	*Chloroethane (µg/L)*	*Chloroform (µg/L)*	*1,1,2,2,-Tetra-chloroethane (µg/L)*	*(PCE) Tetrachloroethene (µg/L)*	*(TCE) Trichloroethene (µg/L)*	*1,2-Dichlorobenzene (µg/L)*	*cis-1,2-Dichloroethene (µg/L)*	*trans-1,2-Dichloroethene (µg/L)*	*1,1-Dichloroethane (µg/L)*	*(1,2-DCA) 1,2-Dichloroethane (µg/L)*	*Vinyl Chloride (µg/L)*	*Notes*
MW-2A	9/21-22/2009		35.99	4.73	--	--	--	--	--	--	--	--	--	--	--	--	
cont.	**3/8/2010**		**39.76**	**0.96**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-3A	6/3/2004	**Zone A**	36.56	4.32	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	a
40.88	11/23/2004		37.89	2.99	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	
	3/14/2005		37.28	3.60	--	--	--	--	--	--	--	--	--	--	--	--	
	3/15/2005		--	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	43	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	j, i
	6/15/2005		36.78	4.10	--	--	--	--	--	--	--	--	--	--	--	--	
	6/16/2005		--	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	52	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	h,i
	9/19/2005		35.93	4.95	--	--	--	--	--	--	--	--	--	--	--	--	
	9/20/2005		--	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	51	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	i
	12/12/2005		36.72	4.16	--	--	--	--	--	--	--	--	--	--	--	--	
	12/13/2005		--	--	ND<1.0	ND<1.0	ND<1.0	26	ND<1.0	ND<1.0	43	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	h,i,
	3/13/2006		37.42	3.46	--	--	--	--	--	--	--	--	--	--	--	--	
	3/14/2006		--	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	i
	6/19/2006		36.48	4.40	3.7	--	--	--	--	--	--	--	--	--	--	--	
	6/20/2006		--	--	9.8	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	h
	9/20/2006		35.78	5.10	31	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	h,i
	12/20/2006		36.78	4.10	31	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	h
	3/29/2007		36.82	4.06	55	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	
	6/11/2007		36.52	4.36	68	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	h
	9/7/2007		35.98	4.90	82	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	h
	12/12/2007		36.54	4.34	72	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	h
	3/7/2008		36.87	4.01	74	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	19	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	h
	6/9/2008		36.03	4.85	98	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	22	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	h,i
	9/5/2008		35.78	5.10	92	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	16	ND<1.7	ND<1.7	ND<1.7	ND<1.7	ND<1.7	h
	12/18/2008		36.65	4.23	95	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	h
	3/30/2009		37.19	3.69	85	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	h
	9/21-22/2009		36.56	4.32	82	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	h,i
	3/8/2010		**37.31**	**3.57**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-4A	6/3/2004	**Zone A**	36.26	2.45	--	ND<0.5	ND<0.5	ND<0.5	1.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
38.71	11/23/2004		37.13	1.58	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	3/14/2005		36.66	2.05	--	--	--	--	--	--	--	--	--	--	--	--	
	3/15/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	6/15/2005		36.38	2.33	--	--	--	--	--	--	--	--	--	--	--	--	
	6/16/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	9/19/2005		35.01	3.70	--	--	--	--	--	--	--	--	--	--	--	--	
	9/20/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	12/12/2005		36.39	2.32	--	--	--	--	--	--	--	--	--	--	--	--	
	12/13/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	3/13/2006		36.75	1.96	--	--	--	--	--	--	--	--	--	--	--	--	
	6/19/2006		36.15	2.56	--	--	--	--	--	--	--	--	--	--	--	--	
	9/20/2006		35.10	3.61	--	--	--	--	--	--	--	--	--	--	--	--	
	12/20/2006		36.39	2.32	--	--	--	--	--	--	--	--	--	--	--	--	
	3/29/2007		36.46	2.25	--	--	--	--	--	--	--	--	--	--	--	--	

TABLE 3

MONITORING WELL GROUNDWATER
ANALYTICAL RESULTS: HALOGENATED
VOLATILE ORGANIC COMPOUNDS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation (ft amsl)*	*Depth to Water (ft, TOC)*	*Chlorobenzene (µg/L)*	*Chloroethane (µg/L)*	*Chloroform (µg/L)*	*1,1,2,2,-Tetra-chloroethane (µg/L)*	*(PCE) Tetrachloroethene (µg/L)*	*(TCE) Trichloroethene (µg/L)*	*1,2-Dichlorobenzene (µg/L)*	*cis-1,2-Dichloroethene (µg/L)*	*trans-1,2-Dichloroethene (µg/L)*	*1,1-Dichloroethane (µg/L)*	*(1,2-DCA) 1,2-Dichloroethane (µg/L)*	*Vinyl Chloride (µg/L)*	*Notes*
MW-4A	6/11/2007		36.14	2.57	--	--	--	--	--	--	--	--	--	--	--	--	
cont.	9/7/2007		35.34	3.37	--	--	--	--	--	--	--	--	--	--	--	--	
	12/12/2007		36.25	2.46	--	--	--	--	--	--	--	--	--	--	--	--	
	3/7/2008		36.46	2.25	--	--	--	--	--	--	--	--	--	--	--	--	
	6/9/2008		35.49	3.22	--	--	--	--	--	--	--	--	--	--	--	--	
	9/5/2008		34.79	3.92	--	--	--	--	--	--	--	--	--	--	--	--	
	12/18/2008		36.55	2.16	--	--	--	--	--	--	--	--	--	--	--	--	
	3/30/2009		36.43	2.28	--	--	--	--	--	--	--	--	--	--	--	--	
	9/21-22/2009		36.14	2.57	--	--	--	--	--	--	--	--	--	--	--	--	
	3/8/2010		**36.61**	**2.10**	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6A	6/3/2004	**Zone A**	31.98	6.00	--	4.7	0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.8	2.1	ND<0.5	6.7	
37.98	11/23/2004		33.13	4.85	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	3/14/2005		35.03	2.95	ND<0.5	0.61	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	6/15/2005		33.28	4.70	ND<0.5	6.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.3	ND<0.5	2.5	1.5	ND<0.5	3.2	i
	9/19/2005		32.07	5.91	ND<0.5	21	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.6	ND<0.5	6.7	4.7	0.59	5.0	
	12/12/2005		33.12	4.86	ND<0.5	13	ND<0.5	8.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1	0.82	ND<0.5	ND<0.5	h,i
	3/13/2006		36.05	1.93	ND<0.5	1.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	6/19/2006		32.59	5.39	ND<0.5	9.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.0	1.1	ND<0.5	1.3	h
	9/20/2006		31.96	6.02	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.6	1.9	0.57	ND<0.5	i
	12/20/2006		33.57	4.41	ND<0.5	12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	3/29/2007		33.67	4.31	ND<0.5	8.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.69	0.71	ND<0.5	ND<0.5	
	6/11/2007		32.95	5.03	ND<5.0	9.8	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	
	9/7/2007		32.32	5.66	ND<0.5	24	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	12/12/2007		33.50	4.48	ND<0.5	4.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	3/7/2008		34.30	3.68	ND<0.5	1.0	ND<0.5	9.5	ND<0.5	ND<0.5	2.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	6/9/2008		32.30	5.68	0.53	11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h,i
	9/5/2008		32.05	5.93	1.0	8.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	12/18/2008		33.98	4.00	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	b,h
	3/30/2009		34.06	3.92	ND<0.5	0.83	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	9/21-22/2009		32.30	5.68	0.93	5.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	3/8/2010		**35.88**	**2.10**	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7A	6/3/2004	**Zone A**	36.08	4.50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
40.58	11/23/2004		--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	3/14/2005		37.03	3.55	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	6/15/2005		36.41	4.17	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.8	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h,i
	9/19/2005		35.25	5.33	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	12/12/2005		36.15	4.43	ND<0.5	ND<0.5	ND<0.5	21	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h,i
	3/13/2006		36.76	3.82	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h,i
	6/19/2006		35.78	4.80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h,i
	9/20/2006		35.03	5.55	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h,i
	12/20/2006		36.35	4.23	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	3/29/2007		36.06	4.52	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	6/11/2007		36.02	4.56	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	j,h,i
	9/7/2007		35.18	5.40	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h

TABLE 3

MONITORING WELL GROUNDWATER
ANALYTICAL RESULTS: HALOGENATED
VOLATILE ORGANIC COMPOUNDS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation (ft amsl)*	*Depth to Water (ft, TOC)*	*Chlorobenzene (µg/L)*	*Chloroethane (µg/L)*	*Chloroform (µg/L)*	*1,1,2,2,-Tetra-chloroethane (µg/L)*	*(PCE) Tetrachloroethene (µg/L)*	*(TCE) Trichloroethene (µg/L)*	*1,2-Dichlorobenzene (µg/L)*	*cis-1,2-Dichloroethene (µg/L)*	*trans-1,2-Dichloroethene (µg/L)*	*1,1-Dichloroethane (µg/L)*	*(1,2-DCA) 1,2-Dichloroethane (µg/L)*	*Vinyl Chloride (µg/L)*	*Notes*
MW-7A	12/12/2007		35.96	4.62	0.70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
cont.	3/7/2008		36.28	4.30	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h,i
	6/9/2008		35.35	5.23	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	j,h,i
	9/5/2008		35.00	5.58	0.71	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	h, i
	12/18/2008		35.95	4.63	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	b
	3/30/2009		36.38	4.20	1.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	9/21-22/2009		35.77	4.81	0.8	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	3/9/2010		**36.66**	**3.92**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-1B	6/3/2004	**Zone B**	25.10	14.40	--	ND<0.5	8.3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.9	ND<0.5	8.1	7.9	ND<0.5	
39.50	11/23/2004		26.24	13.26	ND<0.5	ND<0.5	6.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.5	ND<0.5	8.4	8.8	ND<0.5	
	3/14/2005		33.97	5.53	ND<0.5	1.1	1.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.8	ND<0.5	5.2	12	ND<0.5	i
	6/15/2005		31.87	7.63	ND<0.5	ND<0.5	1.3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.3	ND<0.5	8.8	9.9	ND<0.5	i
	9/19/2005		30.35	9.15	ND<0.5	0.98	0.87	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.0	ND<0.5	7.1	11	ND<0.5	i
	12/12/2005		30.39	9.11	ND<0.5	1.5	0.75	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.7	ND<0.5	7.0	12	ND<0.5	i
	3/13/2006		32.15	7.35	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	6.1	ND<0.5	6.8	5.2	ND<0.5	i
	6/19/2006		22.99	16.51	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	7.0	ND<0.5	7.8	6.2	ND<0.5	
	9/20/2006		30.32	9.18	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	9.9	ND<0.5	11	10	ND<0.5	i
	12/20/2006		31.60	7.90	ND<0.5	2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	9.9	ND<0.5	7.7	7.8	ND<0.5	
	3/29/2007		24.63	14.87	ND<0.5	1.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	9.0	ND<0.5	9.7	8.7	ND<0.5	
	6/11/2007		26.39	13.11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	8.5	ND<0.5	8.0	6.5	ND<0.5	i
	9/7/2007		28.42	11.08	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	9.8	ND<0.5	8.6	7.0	ND<0.5	
	12/12/2007		30.60	8.90	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	11	ND<0.5	7.2	7.5	ND<0.5	
	3/7/2008		32.48	7.02	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	7.5	ND<0.5	8.8	5.6	ND<0.5	
	6/9/2008		30.50	9.00	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	11	ND<0.5	8.9	5.3	ND<0.5	i
	9/5/2008		30.11	9.39	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	13	ND<0.5	8.1	6.7	ND<0.5	
	12/18/2008		30.34	9.16	ND<0.5	1.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	16	ND<0.5	8.2	9.3	ND<0.5	i
	3/30/2009		32.09	7.41	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	10	ND<0.5	10	5.8	ND<0.5	
	9/21-22/2009		30.42	9.08	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	12	ND<0.5	11	8	ND<1.0	
	3/8/2010		**32.97**	**6.53**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-3B	9/21-22/2009	Zone B	31.69	8.93	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
40.62	**3/8/2010**		**35.00**	**5.62**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**i**
MW-4B	6/3/2004	**Zone B**	33.52	5.02	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
38.54	11/23/2004		34.65	3.89	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	3/14/2005		34.78	3.76	--	--	--	--	--	--	--	--	--	--	--	--	
	3/15/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	6/15/2005		33.98	4.56	--	--	--	--	--	--	--	--	--	--	--	--	
	6/16/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	9/19/2005		32.57	5.97	--	--	--	--	--	--	--	--	--	--	--	--	
	9/20/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	12/12/2005		33.65	4.89	--	--	--	--	--	--	--	--	--	--	--	--	
	12/13/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	3/13/2006		34.61	3.93	--	--	--	--	--	--	--	--	--	--	--	--	
	6/19/2006		33.86	4.68	--	--	--	--	--	--	--	--	--	--	--	--	

TABLE 3

MONITORING WELL GROUNDWATER
ANALYTICAL RESULTS: HALOGENATED
VOLATILE ORGANIC COMPOUNDS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation (ft amsl)*	*Depth to Water (ft, TOC)*	*Chlorobenzene (µg/L)*	*Chloroethane (µg/L)*	*Chloroform (µg/L)*	*1,1,2,2,-Tetra-chloroethane (µg/L)*	*(PCE) Tetrachloroethene (µg/L)*	*(TCE) Trichloroethene (µg/L)*	*1,2-Dichlorobenzene (µg/L)*	*cis-1,2-Dichloroethene (µg/L)*	*trans-1,2-Dichloroethene (µg/L)*	*1,1-Dichloroethane (µg/L)*	*(1,2-DCA) 1,2-Dichloroethane (µg/L)*	*Vinyl Chloride (µg/L)*	*Notes*
MW-4B	9/20/2006		32.58	5.96	--	--	--	--	--	--	--	--	--	--	--	--	
cont.	12/20/2006		33.92	4.62	--	--	--	--	--	--	--	--	--	--	--	--	
	3/29/2007		33.96	4.58	--	--	--	--	--	--	--	--	--	--	--	--	
	6/11/2007		34.03	4.51	--	--	--	--	--	--	--	--	--	--	--	--	
	9/7/2007		33.22	5.32	--	--	--	--	--	--	--	--	--	--	--	--	i
	12/12/2007		33.85	4.69	--	--	--	--	--	--	--	--	--	--	--	--	
	3/7/2008		34.58	3.96	--	--	--	--	--	--	--	--	--	--	--	--	
	6/9/2008		33.45	5.09	--	--	--	--	--	--	--	--	--	--	--	--	
	9/5/2008		32.64	5.90	--	--	--	--	--	--	--	--	--	--	--	--	
	12/18/2008		33.39	5.15	--	--	--	--	--	--	--	--	--	--	--	--	
	3/30/2009		34.33	4.21	--	--	--	--	--	--	--	--	--	--	--	--	
	9/21-22/2009		33.34	5.20	--	--	--	--	--	--	--	--	--	--	--	--	
	3/8/2010		**31.96**	**6.58**	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5B	6/3/2004	**Zone B**	30.16	8.82	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
38.98	11/23/2004		31.32	7.66	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	3/14/2005		32.71	6.27	--	--	--	--	--	--	--	--	--	--	--	--	
	3/15/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	6/15/2005		31.20	7.78	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	9/19/2005		28.68	10.30	--	--	--	--	--	--	--	--	--	--	--	--	
	9/20/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	12/12/2005		30.65	8.33	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	3/13/2006		32.87	6.11	--	--	--	--	--	--	--	--	--	--	--	--	
	6/19/2006		30.97	8.01	--	--	--	--	--	--	--	--	--	--	--	--	
	9/20/2006		29.68	9.30	--	--	--	--	--	--	--	--	--	--	--	--	
	12/20/2006		31.21	7.77	--	--	--	--	--	--	--	--	--	--	--	--	
	3/29/2007		31.40	7.58	--	--	--	--	--	--	--	--	--	--	--	--	
	6/11/2007		31.02	7.96	--	--	--	--	--	--	--	--	--	--	--	--	
	9/7/2007		30.02	8.96	--	--	--	--	--	--	--	--	--	--	--	--	
	12/12/2007		30.88	8.10	--	--	--	--	--	--	--	--	--	--	--	--	
	3/7/2008		32.55	6.43	--	--	--	--	--	--	--	--	--	--	--	--	
	6/9/2008		30.34	8.64	--	--	--	--	--	--	--	--	--	--	--	--	
	9/5/2008		29.50	9.48	--	--	--	--	--	--	--	--	--	--	--	--	
	12/18/2008		30.34	8.64	--	--	--	--	--	--	--	--	--	--	--	--	
	3/30/2009		32.10	6.88	--	--	--	--	--	--	--	--	--	--	--	--	
	9/21-22/2009		29.97	9.01	--	--	--	--	--	--	--	--	--	--	--	--	
	3/8/2010		**33.23**	**5.75**	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6B	6/3/2004	**Zone B**	29.36	8.30	--	0.65	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
37.66	11/23/2004		30.53	7.13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.89	ND<0.5	ND<0.5	
	3/14/2005		31.86	5.80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.5	i
	6/15/2005		30.17	7.49	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4	ND<0.5	ND<0.5	0.66	ND<0.5	0.55	
	9/19/2005		28.83	8.83	ND<0.5	1.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.0	1.2	ND<0.5	1.1	ND<0.5	1.1	
	12/12/2005		29.85	7.81	ND<0.5	2.3	ND<0.5	11	ND<0.5	ND<0.5	ND<0.5	1.3	ND<0.5	1.3	ND<0.5	ND<0.5	h,i
	3/13/2006		32.31	5.35	ND<0.5	0.73	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	6/19/2006		29.88	7.78	ND<0.5	0.91	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.52	ND<0.5	ND<0.5	h

TABLE 3

MONITORING WELL GROUNDWATER
ANALYTICAL RESULTS: HALOGENATED
VOLATILE ORGANIC COMPOUNDS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation (ft amsl)*	*Depth to Water (ft, TOC)*	*Chlorobenzene (µg/L)*	*Chloroethane (µg/L)*	*Chloroform (µg/L)*	*1,1,2,2,-Tetra-chloroethane (µg/L)*	*(PCE) Tetrachloroethene (µg/L)*	*(TCE) Trichloroethene (µg/L)*	*1,2-Dichlorobenzene (µg/L)*	*cis-1,2-Dichloroethene (µg/L)*	*trans-1,2-Dichloroethene (µg/L)*	*1,1-Dichloroethane (µg/L)*	*(1,2-DCA) 1,2-Dichloroethane (µg/L)*	*Vinyl Chloride (µg/L)*	*Notes*
MW-6B	9/20/2006		28.78	8.88	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	j,h,i
cont.	12/20/2006		30.34	7.32	ND<0.5	2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2	ND<0.5	0.69	ND<0.5	ND<0.5	h
	3/29/2007		30.44	7.22	ND<0.5	1.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.76	ND<0.5	ND<0.5	
	6/11/2007		29.93	7.73	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	j,h
	9/7/2007		28.95	8.71	ND<0.5	1.3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.9	ND<0.5	0.66	ND<0.5	ND<0.5	h
	12/12/2007		30.00	7.66	ND<0.5	0.77	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4	ND<0.5	0.62	ND<0.5	ND<0.5	h
	3/7/2008		31.70	5.96	ND<0.5	1.1	ND<0.5	16	ND<0.5	ND<0.5	1.2	1.0	ND<0.5	0.58	ND<0.5	ND<0.5	h
	6/9/2008		29.36	8.30	ND<1.0	1.8	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	h
	9/5/2008		28.66	9.00	ND<5.0	0.80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	12/18/2008		29.68	7.98	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	b,h
	3/30/2009		31.31	6.35	ND<0.5	0.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	9/21-22/2009		28.94	8.72	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.40	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
	3/8/2010		**32.96**	**4.70**	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7B	9/21-22/2009	Zone B	30.73	9.32	0.82	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
40.05	**3/9/2010**		**33.52**	**6.53**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**i**
MW-1C	6/3/2004	**Zone C**	30.07	9.42	--	ND<0.5	0.57	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
39.49	11/23/2004		31.30	8.19	ND<0.5	ND<0.5	0.56	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	3/14/2005		32.58	6.91	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	6/15/2005		30.89	8.60	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	9/19/2005		29.19	10.30	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	12/12/2005		30.54	8.95	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	3/13/2006		32.99	6.50	--	--	--	--	--	--	--	--	--	--	--	--	
	6/19/2006		30.66	8.83	--	--	--	--	--	--	--	--	--	--	--	--	
	9/20/2006		29.53	9.96	--	--	--	--	--	--	--	--	--	--	--	--	
	12/20/2006		31.13	8.36	--	--	--	--	--	--	--	--	--	--	--	--	
	3/29/2007		31.19	8.30	--	--	--	--	--	--	--	--	--	--	--	--	
	6/11/2007		30.63	8.86	--	--	--	--	--	--	--	--	--	--	--	--	
	9/7/2007		29.60	9.89	--	--	--	--	--	--	--	--	--	--	--	--	
	12/12/2007		30.61	8.88	--	--	--	--	--	--	--	--	--	--	--	--	
	3/7/2008		32.46	7.03	--	--	--	--	--	--	--	--	--	--	--	--	
	6/9/2008		30.07	9.42	--	--	--	--	--	--	--	--	--	--	--	--	
	9/5/2008		29.34	10.15	--	--	--	--	--	--	--	--	--	--	--	--	
	12/18/2008		30.28	9.21	--	--	--	--	--	--	--	--	--	--	--	--	
	3/30/2009		32.12	7.37	--	--	--	--	--	--	--	--	--	--	--	--	
	9/21-22/2009		29.59	9.90	--	--	--	--	--	--	--	--	--	--	--	--	
	3/8/2010		**33.74**	**5.75**	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3C	9/21-22/2009	Zone C	29.52	11.48	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
41.00	**3/8/2010**		**33.09**	**7.91**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**i**
MW-4C	6/3/2004	**Zone C**	30.10	8.40	--	ND<0.5	0.84	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
38.50	11/23/2004		31.31	7.19	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	3/14/2005		33.15	5.35	--	--	--	--	--	--	--	--	--	--	--	--	
	3/15/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i

TABLE 3

MONITORING WELL GROUNDWATER
ANALYTICAL RESULTS: HALOGENATED
VOLATILE ORGANIC COMPOUNDS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation (ft amsl)*	*Depth to Water (ft, TOC)*	*Chlorobenzene (µg/L)*	*Chloroethane (µg/L)*	*Chloroform (µg/L)*	*1,1,2,2,-Tetra-chloroethane (µg/L)*	*(PCE) Tetrachloroethene (µg/L)*	*(TCE) Trichloroethene (µg/L)*	*1,2-Dichlorobenzene (µg/L)*	*cis-1,2-Dichloroethene (µg/L)*	*trans-1,2-Dichloroethene (µg/L)*	*1,1-Dichloroethane (µg/L)*	*(1,2-DCA) 1,2-Dichloroethane (µg/L)*	*Vinyl Chloride (µg/L)*	*Notes*
	6/15/2005		30.85	7.65	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4C	6/16/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
cont.	9/19/2005		25.97	12.53	--	--	--	--	--	--	--	--	--	--	--	--	
	9/20/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	12/12/2005		30.00	8.50	--	--	--	--	--	--	--	--	--	--	--	--	
	12/13/2005		--	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	i
	3/13/2006		31.18	7.32	--	--	--	--	--	--	--	--	--	--	--	--	
	6/19/2006		30.90	7.60	--	--	--	--	--	--	--	--	--	--	--	--	
	9/20/2006		29.91	8.59	--	--	--	--	--	--	--	--	--	--	--	--	
	12/20/2006		31.21	7.29	--	--	--	--	--	--	--	--	--	--	--	--	
	3/29/2007		31.29	7.21	--	--	--	--	--	--	--	--	--	--	--	--	
	6/11/2007		30.93	7.57	--	--	--	--	--	--	--	--	--	--	--	--	
	9/7/2007		30.20	8.30	--	--	--	--	--	--	--	--	--	--	--	--	
	12/12/2007		31.10	7.40	--	--	--	--	--	--	--	--	--	--	--	--	
	3/7/2008		32.25	6.25	--	--	--	--	--	--	--	--	--	--	--	--	
	6/9/2008		30.35	8.15	--	--	--	--	--	--	--	--	--	--	--	--	
	9/5/2008		29.62	8.88	--	--	--	--	--	--	--	--	--	--	--	--	
	12/18/2008		30.31	8.19	--	--	--	--	--	--	--	--	--	--	--	--	
	3/30/2009		31.59	6.91	--	--	--	--	--	--	--	--	--	--	--	--	
	9/21-22/2009		30.08	8.42	--	--	--	--	--	--	--	--	--	--	--	--	
	3/8/2010		**32.64**	**5.86**	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6C	6/3/2004	**Zone C**	27.89	9.70	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.8	ND<0.5	0.61	ND<0.5	ND<0.5	
37.59	11/23/2004		29.21	8.38	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	
	3/14/2005		31.79	5.80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.8	1.9	ND<0.5	12	ND<0.5	1.1	ND<0.5	2.3	
	6/15/2005		30.14	7.45	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.1	3.1	ND<0.5	20	0.64	1.4	ND<0.5	5.7	
	9/19/2005		28.79	8.80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.9	3.0	ND<0.5	18	0.57	1.3	ND<0.5	6.8	
	12/12/2005		29.81	7.78	ND<0.5	0.66	ND<0.5	ND<0.5	3.2	3.0	ND<0.5	19	0.61	1.4	ND<0.5	10	
	3/13/2006		32.09	5.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.2	3.9	ND<0.5	26	0.61	0.95	ND<0.5	5.1	
	6/19/2006		29.84	7.75	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.0	3.4	ND<0.5	32	0.78	0.96	ND<0.5	11	
	9/20/2006		28.74	8.85	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.7	4.6	ND<0.5	23	0.76	1.0	ND<0.5	9.4	i
	12/20/2006		30.29	7.30	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.1	4.6	ND<0.5	36	0.88	0.92	ND<0.5	13	
	3/29/2007		30.39	7.20	ND<0.5	ND<0.5	ND<0.5	ND<0.5	6.0	6.4	ND<0.5	35	1.2	1.1	ND<0.5	5.3	
	6/11/2007		29.86	7.73	ND<0.5	ND<0.5	ND<0.5	ND<0.5	6.1	6.4	ND<0.5	26	0.99	0.85	ND<0.5	4.0	
	9/7/2007		28.92	8.67	ND<0.5	ND<0.5	ND<0.5	ND<0.5	7.0	6.9	ND<0.5	32	0.99	0.90	ND<0.5	4.2	
	12/12/2007		29.94	7.65	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5.0	5.2	ND<0.5	29	0.84	0.87	ND<0.5	3.8	
	3/7/2008		31.63	5.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5.1	5.5	ND<0.5	28	0.90	0.78	ND<0.5	3.2	
	6/9/2008		29.32	8.27	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.5	5.5	ND<0.5	23	0.72	0.71	ND<0.5	3.5	
	9/5/2008		28.60	8.99	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.3	4.2	ND<0.5	ND<0.5	ND<0.5	0.57	ND<0.5	1.2	
	12/18/2008		29.64	7.95	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.7	4.1	ND<0.5	18	ND<0.5	0.58	ND<0.5	2.8	
	3/30/2009		31.26	6.33	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.6	5.0	ND<0.5	22	0.58	0.57	ND<0.5	3.5	
	9/21-22/2009		28.89	8.70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.1	3.4	ND<0.5	17	ND<0.5	0.56	ND<0.5	1.3	
	3/8/2010		**32.92**	**4.67**	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7C	9/21-22/2009	Zone C	29.53	10.91	2.8	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	h
40.41	**3/9/2010**		**32.47**	**7.97**	**0.78**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	i

TABLE 3

MONITORING WELL GROUNDWATER
ANALYTICAL RESULTS: HALOGENATED
VOLATILE ORGANIC COMPOUNDS
JOHN NADY
1137-1167 65TH STREET
OAKLAND, CALIFORNIA

Well ID (TOC)	*Date Sampled*	*Groundwater Zone*	*Groundwater Elevation (ft amsl)*	*Depth to Water (ft, TOC)*	*Chlorobenzene (µg/L)*	*Chloroethane (µg/L)*	*Chloroform (µg/L)*	*1,1,2,2,-Tetra-chloroethane (µg/L)*	*(PCE) Tetrachloroethene (µg/L)*	*(TCE) Trichloroethene (µg/L)*	*1,2-Dichlorobenzene (µg/L)*	*cis-1,2-Dichloroethene (µg/L)*	*trans-1,2-Dichloroethene (µg/L)*	*1,1-Dichloroethane (µg/L)*	*(1,2-DCA) 1,2-Dichloroethane (µg/L)*	*Vinyl Chloride (µg/L)*	*Notes*

Abbreviations and Notes:
µg/L = micrograms per liter; equivalent to parts per billion
ft = measured in feet
ft amsl = measured in feet above mean sea level
TOC = Top of casing elevation in feet above mean sea level (msl)
Halogenated Volatile Organic Compounds analyzed by EPA Method SW8260B, reported EPA Method 8010 basic target list.
ND<0.5 = Not Detected above detection limit cited.
-- = Not available, not applicable, not analyzed, not measured
b = sample diluted due to high organic content
i = liquid sample that contains greater than ~1 vol. % sediment
h = lighter than water immiscible sheen/product is present
j = sample diluted due to high organic content/matrix interference

APPENDIX A

STANDARD FIELD PROCEDURES FOR GROUNDWATER MONITORING AND SAMPLING

Conestoga-Rovers & Associates

STANDARD FIELD PROCEDURES FOR GROUNDWATER MONITORING AND SAMPLING

This document presents standard field methods for groundwater monitoring, purging and sampling, and well development. These procedures are designed to comply with Federal, State and local regulatory guidelines. Cambria's specific field procedures are summarized below.

Groundwater Elevation Monitoring

Prior to performing monitoring activities, the historical monitoring and analytical data of each monitoring well shall be reviewed to determine if any of the wells are likely to contain non-aqueous phase liquid (NAPL) and to determine the order in which the wells will be monitored (i.e. cleanest to dirtiest). Groundwater monitoring should not be performed when the potential exists for surface water to enter the well (i.e. flooding during a rainstorm).

Prior to monitoring, each well shall be opened and the well cap removed to allow water levels to stabilize and equilibrate. The condition of the well box and well cap shall be observed and recommended repairs noted. Any surface water that may have entered and flooded the well box should be evacuated prior to removing the well cap. In wells with no history of NAPL, the static water level and total well depth shall be measured to the nearest 0.01 foot with an electronic water level meter. Wells with the highest contaminant concentrations shall be measured last. In wells with a history of NAPL, the NAPL level/thickness and static water level shall be measured to the nearest 0.01 foot using an electronic interface probe. The water level meter and/or interface probe shall be thoroughly cleaned and decontaminated at the beginning of the monitoring event and between each well. Monitoring equipment shall be washed using soapy water consisting of Liqui-nox™ or Alconox™ followed by one rinse of clean tap water and then two rinses of distilled water.

Groundwater Purging and Sampling

Prior to groundwater purging and sampling, the historical analytical data of each monitoring well shall be reviewed to determine the order in which the wells should be purged and sampled (i.e. cleanest to dirtiest). No purging or groundwater sampling shall be performed on wells with a measurable thickness of NAPL or floating NAPL globules. If a sheen is observed, the well should be purged and a groundwater sample collected only if no NAPL is present. Wells shall be purged either by hand using a disposal or PVC bailer or by using an aboveground pump (e.g. peristaltic or Wattera™) or down-hole pump (e.g. Grundfos™ or DC Purger pump).

Groundwater wells shall be purged approximately three to ten well-casing volumes (depending on the regulatory agency requirements) or until groundwater parameters of temperature, pH, and conductivity have stabilized to within 10% for three consecutive readings. Temperature, pH, and conductivity shall be measured and recorded at least once per well casing volume removed. The total volume of groundwater removed shall be recorded along with any other notable physical characteristic such as color and odor. If required, field parameters such as turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) shall also be measured prior to collection of each groundwater sample.

Groundwater samples shall be collected after the well has been purged. If the well is slow to recharge, a sample shall be collected after the water column is allowed to recharge to 80% of the pre-purging static water level. If the well does not recover to 80% in 2 hours, a sample shall be collected once there is enough groundwater in the well. Groundwater samples shall be collected using clean disposable bailers or pumps (if an operating remediation system exists on site and the project manager approves of its use for sampling) and shall be decanted into clean containers supplied by the analytical laboratory. New latex gloves and disposable tubing or bailers shall be

used for sampling each well. If a PVC bailer or down-hole pump is used for groundwater purging, it shall be decontaminated before purging each well by using soapy water consisting of Liqui-nox™ or Alconox™ followed by one rinse of clean tap water and then two rinses of distilled water. If a submersible pump with non-dedicated discharge tubing is used for groundwater purging, both the inside and outside of pump and discharge tubing shall be decontaminated as described above.

Sample Handling

Except for samples that will be tested in the field, or that require special handling or preservation, samples shall be stored in coolers chilled to 4° C for shipment to the analytical laboratory. Samples shall be labeled, placed in protective foam sleeves or bubble wrap as needed, stored on crushed ice at or below 4° C, and submitted under chain-of-custody (COC) to the laboratory. The laboratory shall be notified of the sample shipment schedule and arrival time. Samples shall be shipped to the laboratory within a time frame to allow for extraction and analysis to be performed within the standard sample holding times.

Sample labels shall be filled out using indelible ink and must contain the site name; field identification number; the date, time, and location of sample collection; notation of the type of sample; identification of preservatives used; remarks; and the signature of the sampler. Field identification must be sufficient to allow easy cross-reference with the field datasheet.

All samples submitted to the laboratory shall be accompanied by a COC record to ensure adequate documentation. A copy of the COC shall be retained in the project file. Information on the COC shall consist of the project name and number; project location; sample numbers; sampler/recorder's signature; date and time of collection of each sample; sample type; analyses requested; name of person receiving the sample; and date of receipt of sample.

Laboratory-supplied trip blanks shall accompany the samples and be analyzed to check for cross-contamination, if requested by the project manager.

Waste Handling and Disposal

Groundwater extracted during sampling shall be stored onsite in sealed U.S. DOT H17 55-gallon drums and shall be labeled with the contents, date of generation, generator identification, and consultant contact. Extracted groundwater may be disposed offsite by a licensed waste handler or may be treated and discharged via an operating onsite groundwater extraction/treatment system.

APPENDIX B

CERTIFIED ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

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

Conestoga-Rovers & Associates	Client Project ID: #521000; John Nady	Date Sampled: 03/08/10-03/09/10
5900 Hollis St, Suite A		Date Received: 03/09/10
	Client Contact: Bob Foss	Date Reported: 03/16/10
Emeryville, CA 94608	Client P.O.:	Date Completed: 03/16/10

WorkOrder: 1003255

March 16, 2010

Dear Bob:

Enclosed within are:

1) The results of the **11** analyzed samples from your project: **#521000; John Nady,**
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.

1003255

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY
GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐
☐ Check if sample is effluent and "J" flag is required

Report To: Bob Foss
Company: Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA
Tele: (510) 420-3348
Project #: 521000
Project Location: 1137-1167 65th Street, Oakland, CA
Sampler Signature: Muskan Environmental Sampling LLC

Bill To: ~~Same~~ Conestoga-Rovers & Associates
E-Mail: bfoss@craworld.com cheefer@craworld.com
Fax: (510) 420-9170
Project Name: John Nady

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCL	HNO_3	Other
MW-1A		3-8-10	11:40	4 2	VOA Amb	X					X	X		
MW-1B		~~3-8-10~~	11:15	4	VOA									
MW-2A		3-8-10	2:50	4 2	VOA Amb									
MW-3A		3-8-10	2:20											
MW-3B		3-8-10	1:50											
MW-3C		3-8-10	1:15											
MW-4A		3-8-10	12:10											
MW-6A		3-8-10	10:35											
MW-6B		3-8-10	10:10											
MW-7A		3-9-10	12:05											
MW-7B		3-9-10	11:45											
MW-7C		3-9-10	11:25	X	X									
TB		3-8-10		1	VOA						X	X		

Analysis Request

BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 8260 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515.3 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020) 10 X Rule	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)

Other: TPHg/BTEX 8015/8021 (X); TPHd/mo with silica gel cleanup 8015 (X); HVOCs 8010 (X)

Comments: Filter Samples for Metals analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
	3/9/10	1400	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 4.2
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION: VOAS ✓ O&G METALS OTHER ✓ pH<2

COMMENTS:
(X) on hold per email 3/10/10 (HVOCs)

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1003255 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Bob Foss
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-3309 FAX (510) 420-9170

Email: bfoss@craworld.com, chee@craworld.c
cc:
PO:
ProjectNo: #521000; John Nady

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **03/09/2010**
Date Printed: **03/10/2010**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1003255-001	MW-1A	Water	3/8/2010 11:40	☐		A	A	B								
1003255-003	MW-2A	Water	3/8/2010 14:50	☐		A		B								
1003255-004	MW-3A	Water	3/8/2010 14:20	☐		A		B								
1003255-005	MW-3B	Water	3/8/2010 13:50	☐	C	A		B								
1003255-006	MW-3C	Water	3/8/2010 13:15	☐	C	A		B								
1003255-007	MW-4A	Water	3/8/2010 12:10	☐		A		B								
1003255-008	MW-6A	Water	3/8/2010 10:35	☐		A		B								
1003255-009	MW-6B	Water	3/8/2010 10:10	☐		A		B								
1003255-010	MW-7A	Water	3/9/2010 12:05	☐		A		B								
1003255-011	MW-7B	Water	3/9/2010 11:45	☐	C	A		B								
1003255-012	MW-7C	Water	3/9/2010 11:25	☐	C	A		B								

Test Legend:

1	8010BMS_W	2	G-MBTEX_W	3	PREDF REPORT	4	TPH(DMO)WSG_W	5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
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: **Conestoga-Rovers & Associates**

Date and Time Received: **3/9/2010 5:19:59 PM**

Project Name: **#521000; John Nady**

Checklist completed and reviewed by: Melissa Valles

WorkOrder N°: **1003255** Matrix Water

Carrier: Client Drop-In

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: 4.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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

Conestoga-Rovers & Associates	Client Project ID: #521000; John Nady	Date Sampled: 03/08/10-03/09/10
		Date Received: 03/09/10
5900 Hollis St, Suite A	Client Contact: Bob Foss	Date Extracted: 03/10/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 03/10/10

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1003255

Lab ID	1003255-005C	1003255-006C	1003255-011C	1003255-012C	Reporting Limit for DF =1	
Client ID	MW-3B	MW-3C	MW-7B	MW-7C		
Matrix	W	W	W	W	S	W
DF	1	1	1	1		
Compound	**Concentration**				µg/kg	µg/L
Bromodichloromethane	ND	ND	ND	ND	NA	0.5
Bromoform	ND	ND	ND	ND	NA	0.5
Bromomethane	ND	ND	ND	ND	NA	0.5
Carbon Tetrachloride	ND	ND	ND	ND	NA	0.5
Chlorobenzene	ND	ND	ND	0.78	NA	0.5
Chloroethane	ND	ND	ND	ND	NA	0.5
Chloroform	ND	ND	ND	ND	NA	0.5
Chloromethane	ND	ND	ND	ND	NA	0.5
Dibromochloromethane	ND	ND	ND	ND	NA	0.5
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	NA	0.5
1,2-Dichlorobenzene	ND	ND	ND	ND	NA	0.5
1,3-Dichlorobenzene	ND	ND	ND	ND	NA	0.5
1,4-Dichlorobenzene	ND	ND	ND	ND	NA	0.5
Dichlorodifluoromethane	ND	ND	ND	ND	NA	0.5
1,1-Dichloroethane	ND	ND	ND	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	NA	0.5
1,1-Dichloroethene	ND	ND	ND	ND	NA	0.5
cis-1,2-Dichloroethene	ND	ND	ND	ND	NA	0.5
trans-1,2-Dichloroethene	ND	ND	ND	ND	NA	0.5
1,2-Dichloropropane	ND	ND	ND	ND	NA	0.5
cis-1,3-Dichloropropene	ND	ND	ND	ND	NA	0.5
trans-1,3-Dichloropropene	ND	ND	ND	ND	NA	0.5
Freon 113	ND	ND	ND	ND	NA	10
Methylene chloride	ND	ND	ND	ND	NA	0.5
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	NA	0.5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	NA	0.5
Tetrachloroethene	ND	ND	ND	ND	NA	0.5
1,1,1-Trichloroethane	ND	ND	ND	ND	NA	0.5
1,1,2-Trichloroethane	ND	ND	ND	ND	NA	0.5
Trichloroethene	ND	ND	ND	ND	NA	0.5
Trichlorofluoromethane	ND	ND	ND	ND	NA	0.5
Vinyl Chloride	ND	ND	ND	ND	NA	0.5
Surrogate Recoveries (%)						
%SS1:	93	95	96	96		
%SS2:	100	98	99	97		
%SS3:	90	90	94	99		
Comments	b1	b1	b1	b1		

* 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/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #521000; John Nady	Date Sampled: 03/08/10-03/09/10
		Date Received: 03/09/10
5900 Hollis St, Suite A	Client Contact: Bob Foss	Date Extracted: 03/10/10-03/12/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 03/10/10-03/12/10

Gasoline Range (C6-C12), Stoddard Solvent Range (C9-C12) Volatile Hydrocarbons with BTEX*

Extraction Method: SW5030B Analytical Method: SW8021B/8015Bm Work Order: 1003255

Lab ID	1003255-001A	1003255-003A	1003255-004A	1003255-005A	Reporting Limit for DF =1	
Client ID	MW-1A	MW-2A	MW-3A	MW-3B		
Matrix	W	W	W	W		
DF	1	1	20	1	S	W
Compound	**Concentration**				ug/kg	µg/L
TPH(g)	1100	ND	12,000	ND	NA	50
TPH(ss)	1200	ND	22,000	ND	NA	50
Benzene	ND	ND	ND<10	ND	NA	0.5
Toluene	ND	ND	ND<10	ND	NA	0.5
Ethylbenzene	0.88	ND	ND<10	ND	NA	0.5
Xylenes	1.6	ND	26	ND	NA	0.5
Surrogate Recoveries (%)						
%SS:	105	99	90	100		
Comments	d5,d9		d5,b6	b1		

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
d1) weakly modified or unmodified gasoline is significant
d5) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?)
d9) no recognizable pattern

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Conestoga-Rovers & Associates	Client Project ID: #521000; John Nady	Date Sampled: 03/08/10-03/09/10
		Date Received: 03/09/10
5900 Hollis St, Suite A	Client Contact: Bob Foss	Date Extracted: 03/10/10-03/12/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 03/10/10-03/12/10

Gasoline Range (C6-C12), Stoddard Solvent Range (C9-C12) Volatile Hydrocarbons with BTEX*

Extraction Method: SW5030B Analytical Method: SW8021B/8015Bm Work Order: 1003255

Lab ID	1003255-006A	1003255-007A	1003255-008A	1003255-009A	Reporting Limit for DF =1	
Client ID	MW-3C	MW-4A	MW-6A	MW-6B		
Matrix	W	W	W	W		
DF	1	1	1	20	S	W
Compound	**Concentration**				ug/kg	µg/L
TPH(g)	ND	58	2400	3200	NA	50
TPH(ss)	ND	ND	5500	4200	NA	50
Benzene	ND	0.83	ND	ND<10	NA	0.5
Toluene	ND	1.1	ND	ND<10	NA	0.5
Ethylbenzene	ND	ND	0.66	ND<10	NA	0.5
Xylenes	ND	2.0	3.9	ND<10	NA	0.5
Surrogate Recoveries (%)						
%SS:	99	98	91	94		
Comments	b1	d1	d5,b6	d5,b6		

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
d1) weakly modified or unmodified gasoline is significant
d5) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?)
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #521000; John Nady	Date Sampled: 03/08/10-03/09/10
		Date Received: 03/09/10
5900 Hollis St, Suite A	Client Contact: Bob Foss	Date Extracted: 03/10/10-03/12/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 03/10/10-03/12/10

Gasoline Range (C6-C12), Stoddard Solvent Range (C9-C12) Volatile Hydrocarbons with BTEX*

Extraction Method: SW5030B Analytical Method: SW8021B/8015Bm Work Order: 1003255

Lab ID	1003255-010A	1003255-011A	1003255-012A		Reporting Limit for DF =1	
Client ID	MW-7A	MW-7B	MW-7C			
Matrix	W	W	W			
DF	50	10	1		S	W
Compound	**Concentration**				ug/kg	µg/L
TPH(g)	19,000	1300	660		NA	50
TPH(ss)	27,000	1800	890		NA	50
Benzene	ND<25	ND<5.0	ND		NA	0.5
Toluene	ND<25	ND<5.0	ND		NA	0.5
Ethylbenzene	ND<25	ND<5.0	ND		NA	0.5
Xylenes	46	ND<5.0	4.1		NA	0.5
Surrogate Recoveries (%)						
%SS:	92	92	91			
Comments	d5,b6	d5,b1	d5,b1			

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
d1) weakly modified or unmodified gasoline is significant
d5) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?)
d9) no recognizable pattern

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Conestoga-Rovers & Associates	Client Project ID: #521000; John Nady	Date Sampled: 03/08/10-03/09/10
		Date Received: 03/09/10
5900 Hollis St, Suite A	Client Contact: Bob Foss	Date Extracted: 03/09/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 03/10/10-03/15/10

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C Analytical methods: SW8015B Work Order: 1003255

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1003255-001B	MW-1A	W	920	ND	1	106	e11
1003255-003B	MW-2A	W	ND	ND	1	99	
1003255-004B	MW-3A	W	22,000	1500	1	85	e11,b6
1003255-005B	MW-3B	W	ND	ND	1	95	b1
1003255-006B	MW-3C	W	ND	ND	1	84	b1
1003255-007B	MW-4A	W	65	ND	1	98	e2,e4
1003255-008B	MW-6A	W	6800	420	1	83	e11,e2,b6
1003255-009B	MW-6B	W	23,000	ND<2500	10	105	e11,b6
1003255-010B	MW-7A	W	110,000	ND<5000	20	111	e11,b6
1003255-011B	MW-7B	W	4300	ND	1	103	e11,b1
1003255-012B	MW-7C	W	1400	ND	1	97	e11,b1

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; &) low or no surrogate due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e11) stoddard solvent/mineral spirit (?)

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 49124 WorkOrder 1003255

EPA Method SW8015B **Extraction SW3510C/3630C** **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-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	88.2	88.7	0.525	N/A	N/A	70 - 130	30
%SS:	N/A	625	N/A	N/A	N/A	94	95	0.586	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 49124 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1003255-001B	03/08/10 11:40 AM	03/09/10	03/10/10 2:06 PM	1003255-003B	03/08/10 2:50 PM	03/09/10	03/10/10 2:47 PM
1003255-004B	03/08/10 2:20 PM	03/09/10	03/11/10 2:36 AM	1003255-005B	03/08/10 1:50 PM	03/09/10	03/12/10 1:30 AM
1003255-006B	03/08/10 1:15 PM	03/09/10	03/10/10 7:43 PM	1003255-007B	03/08/10 12:10 PM	03/09/10	03/13/10 9:18 AM
1003255-008B	03/08/10 10:35 AM	03/09/10	03/10/10 8:53 PM	1003255-009B	03/08/10 10:10 AM	03/09/10	03/12/10 4:39 PM
1003255-010B	03/09/10 12:05 PM	03/09/10	03/15/10 5:22 PM	1003255-011B	03/09/10 11:45 AM	03/09/10	03/11/10 2:36 AM
1003255-012B	03/09/10 11:25 AM	03/09/10	03/11/10 4:26 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 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 49152 WorkOrder 1003255

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 1003255-005C**

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
Chlorobenzene	ND	10	103	110	6.44	102	105	2.85	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	112	116	3.54	109	112	2.95	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	114	115	1.19	104	105	1.09	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	109	115	5.17	102	101	0.884	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	99.8	106	6.36	101	100	0.583	70 - 130	30	70 - 130	30
%SS1:	93	25	89	88	1.48	86	85	1.56	70 - 130	30	70 - 130	30
%SS2:	100	25	101	101	0	101	104	2.07	70 - 130	30	70 - 130	30
%SS3:	90	2.5	100	98	2.14	103	98	4.73	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 49152 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1003255-005C	03/08/10 1:50 PM	03/10/10	03/10/10 3:13 PM	1003255-006C	03/08/10 1:15 PM	03/10/10	03/10/10 3:51 PM
1003255-011C	03/09/10 11:45 AM	03/10/10	03/10/10 4:29 PM	1003255-012C	03/09/10 11:25 AM	03/10/10	03/10/10 5:07 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.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 49151 WorkOrder 1003255

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 1003255-006A**

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	104	105	1.19	93.1	107	13.8	70 - 130	20	70 - 130	20
MTBE	ND	10	105	114	8.49	101	108	6.88	70 - 130	20	70 - 130	20
Benzene	ND	10	98.1	105	6.40	99.4	101	1.95	70 - 130	20	70 - 130	20
Toluene	ND	10	88	91.9	4.34	89.3	91.2	2.08	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	88.2	92.4	4.60	90.2	91.4	1.32	70 - 130	20	70 - 130	20
Xylenes	ND	30	100	105	4.33	103	104	1.48	70 - 130	20	70 - 130	20
%SS:	99	10	98	103	5.14	98	100	1.92	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 49151 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1003255-001A	03/08/10 11:40 AM	03/12/10	03/12/10 8:17 AM	1003255-003A	03/08/10 2:50 PM	03/10/10	03/10/10 8:11 PM
1003255-004A	03/08/10 2:20 PM	03/10/10	03/10/10 5:04 PM	1003255-005A	03/08/10 1:50 PM	03/10/10	03/10/10 8:41 PM
1003255-006A	03/08/10 1:15 PM	03/10/10	03/10/10 9:11 PM	1003255-007A	03/08/10 12:10 PM	03/11/10	03/11/10 3:55 PM
1003255-008A	03/08/10 10:35 AM	03/12/10	03/12/10 8:47 AM	1003255-009A	03/08/10 10:10 AM	03/10/10	03/10/10 5:12 PM
1003255-010A	03/09/10 12:05 PM	03/10/10	03/10/10 5:42 PM	1003255-011A	03/09/10 11:45 AM	03/10/10	03/10/10 6:42 PM
1003255-012A	03/09/10 11:25 AM	03/10/10	03/10/10 9:41 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.

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

NR = matrix interference and/or 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, or inconsistency in sample containers.

APPENDIX C

FIELD DATA SHEETS

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL GAUGING SHEET

Client: Conestoga-Rovers and Associates

Site Address: 1137 - 1167 65th Street, Oakland, CA

Date: 3/8/2010 **Signature:**

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1A	9:05		1.55		14.40	
MW-1B	9:00		6.53		19.70	
MW-1C	8:55		5.75		34.55	
MW-2A	9:10		0.96		11.15	
MW-3A	9:25		3.57 [redacted]		[redacted] 13.85	
MW-3B	9:20		5.62		23.70	
MW-3C	9:15		7.91 [redacted]		[redacted] 35.60	
MW-4A	8:35		2.10		12.65	
MW-4B	8:30		6.58		20.75	
MW-4C	8:25		5.86		32.00	
MW-5B	8:20		5.75		23.05	

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL GAUGING SHEET

Client: Conestoga-Rovers and Associates

Site Address: 1137 - 1167 65th Street, Oakland, CA

Date: 3/8/2010 **Signature:**

	Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
	MW-6A	8:50		2.10		14.10	MW-7C, MW-7B, MW-7A gauged on 3-9-10
	MW-6B	8:45		4.70		22.00	
	MW-6C	8:40		4.67		33.80	
3-9-10	MW-7A	10:55		3.92		10.00	
3-9-10	MW-7B	10:50		6.53		22.45	
3-9-10	MW-7C	10:45		7.97		29.70	

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2010
Client:	Conestoga-Rovers and Associates
Site Address:	1137 - 1167 65th Street, Oakland, CA
Well ID:	MW-1A
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	14.40
Depth to Water:	1.55
Water Column Height:	12.85
Gallons/ft:	0.16
1 Casing Volume (gal):	2.05
3 Casing Volumes (gal):	6.15

Fe=	**mg/L**
ORP=	**mV**
DO=	**mg/L**

COMMENTS:

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
11:25	2.0	14.2	7.05	241
11:30	4.0	14.4	7.08	247
11:35	6.0	14.5	7.11	243

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-1A	3/8/10	11:40	40 mL VOA, 1 L Amber Glass	HCl, ICE	TPHd, TPHmo, TPHg/ss, HVOCs	8015, 8021,8010 , silica gel clean up
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2010
Client:	Conestoga-Rovers and Associates
Site Address:	1137 - 1167 65th Street, Oakland, CA
Well ID:	MW-1B
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	19.70	**Fe=**	**mg/L**
Depth to Water:	6.53	**ORP=**	**mV**
Water Column Height:	13.17	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	2.10	**COMMENTS:**	
3 Casing Volumes (gal):	6.30		

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
11:00	2.0	14.7	6.58	1335
11:05	4.0	14.9	6.51	1310
11:10	6.0	15.2	6.53	1321

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-1B	3/8/10	11:15	40 mL VOA, 1 L Amber Glass	HCl, ICE	TPHd, TPHmo, TPHg/ss, HVOCs	8015, 8021,8010 , silica gel clean up
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2010
Client:	Conestoga-Rovers and Associates
Site Address:	1137 - 1167 65th Street, Oakland, CA
Well ID:	MW-2A
Well Diameter:	4"
Purging Device:	3" Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	11.15	**Fe=**	**mg/L**
Depth to Water:	0.96	**ORP=**	**mV**
Water Column Height:	10.19	**DO=**	**mg/L**
Gallons/ft:	0.65		
1 Casing Volume (gal):	6.62	**COMMENTS:**	
3 Casing Volumes (gal):	19.86	turbid	

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
2:35	6.5	15.8	7.23	407
2:40	13.0	15.7	7.19	410
2:45	20.0	15.1	7.18	428

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-2A	3/8/10	2:50	40 mL VOA, 1 L Amber Glass	HCl, ICE	TPHd, TPHmo, TPHg/ss, HVOCs	8015, 8021,8010 , silica gel clean up
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2010
Client:	Conestoga-Rovers and Associates
Site Address:	1137 - 1167 65th Street, Oakland, CA
Well ID:	MW-3A
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	13.85	**Fe=**	**mg/L**
Depth to Water:	3.57	**ORP=**	**mV**
Water Column Height:	10.28	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	1.64		
3 Casing Volumes (gal):	4.92		

COMMENTS: very turbid, silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
2:05	1.5	14.7	6.98	1140
2:10	3.0	14.7	6.95	1108
2:15	5.0	14.6	6.97	1101

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-3A	3/8/10	2:20	40 mL VOA, 1 L Amber Glass	HCl, ICE	TPHd, TPHmo, TPHg/ss, HVOCs	8015, 8021,8010 , silica gel clean up
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2010
Client:	Conestoga-Rovers and Associates
Site Address:	1137 - 1167 65th Street, Oakland, CA
Well ID:	MW-3B
Well Diameter:	1"
Purging Device:	check valve tubing
Sampling Method:	3/4" Disposable Bailer

Total Well Depth:	23.70	**Fe=**	**mg/L**
Depth to Water:	5.62	**ORP=**	**mV**
Water Column Height:	18.08	**DO=**	**mg/L**
Gallons/ft:	0.04		
1 Casing Volume (gal):	0.72		
3 Casing Volumes (gal):	2.16		

COMMENTS: very turbid, silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
1:35	1.0	15.5	6.39	998
1:40	1.5	15.9	6.33	970
1:45	2.0	15.7	6.30	986

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-3B	3/8/10	1.50	40 mL VOA, 1 L Amber Glass	HCl, ICE	TPHd, TPHmo, TPHg/ss, HVOCs	8015, 8021,8010 , silica gel clean up

Signature:

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ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2010
Client:	Conestoga-Rovers and Associates
Site Address:	1137 - 1167 65th Street, Oakland, CA
Well ID:	MW-3C
Well Diameter:	1"
Purging Device:	check valve tubing
Sampling Method:	3/4" Disposable Bailer

Total Well Depth:	35.60	**Fe=**	**mg/L**
Depth to Water:	7.91	**ORP=**	**mV**
Water Column Height:	27.69	**DO=**	**mg/L**
Gallons/ft:	0.04		
1 Casing Volume (gal):	1.10		
3 Casing Volumes (gal):	3.30		

COMMENTS: very turbid, very silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
12:35	1.0	18.9	7.09	1188
12:55	2.0	19.9	7.02	1184
1:10	3.0	17.9	7.06	1181

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-3C	3/8/10	1:15	40 mL VOA, 1 L Amber Glass	HCl, ICE	TPHd, TPHmo, TPHg/ss, HVOCs	8015, 8021,8010 , silica gel clean up
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2010
Client:	Conestoga-Rovers and Associates
Site Address:	1137 - 1167 65th Street, Oakland, CA
Well ID:	MW-4A
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer
Total Well Depth:	12.65
Depth to Water:	2.10
Water Column Height:	10.55
Gallons/ft:	0.16
1 Casing Volume (gal):	1.68
3 Casing Volumes (gal):	5.04

Fe= mg/L
ORP= mV
DO= mg/L

COMMENTS:

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
11:55	1.5	12.3	9.97	830
12:00	3.0	12.1	9.95	857
12:05	5.0	12.1	9.99	851

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-4A	3/8/10	12:10	40 mL VOA, 1 L Amber Glass	HCl, ICE	TPHd, TPHmo, TPHg/ss, HVOCs	8015, 8021,8010 , silica gel clean up
				Signature:		

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SAMPLING

WELL SAMPLING FORM

Date:	3/8/2010
Client:	Conestoga-Rovers and Associates
Site Address:	1137 - 1167 65th Street, Oakland, CA
Well ID:	MW-6A
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	14.10	**Fe=**	**mg/L**
Depth to Water:	2.10	**ORP=**	**mV**
Water Column Height:	12.00	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	1.92	**COMMENTS:**	turbid
3 Casing Volumes (gal):	5.76		

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
10:20	2.0	15.1	6.71	526
10:25	4.0	15.8	6.63	519
10:30	6.0	15.9	6.67	556

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-6A	3/8/10	10:35	40 mL VOA, 1 L Amber Glass	HCl, ICE	TPHd, TPHmo, TPHg/ss, HVOCs	8015, 8021,8010 , silica gel clean up
				Signature:		

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ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2010
Client:	Conestoga-Rovers and Associates
Site Address:	1137 - 1167 65th Street, Oakland, CA
Well ID:	MW-6B
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	22.00	**Fe=**	**mg/L**
Depth to Water:	4.70	**ORP=**	**mV**
Water Column Height:	17.30	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	2.76	**COMMENTS:**	
3 Casing Volumes (gal):	8.28		

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
9:55	2.5	17.7	6.59	1145
10:00	5.0	17.7	6.62	1128
10:05	8.0	17.7	6.60	1128

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-6B	3/8/10	10:10	40 mL VOA, 1 L Amber Glass	HCl, ICE	TPHd, TPHmo, TPHg/ss, HVOCs	8015, 8021,8010 , silica gel clean up
				Signature:		

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ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2010
Client:	Conestoga-Rovers and Associates
Site Address:	1137 - 1167 65th Street, Oakland, CA
Well ID:	MW-7A
Well Diameter:	1"
Purging Device:	check valve tubing
Sampling Method:	3/4" Disposable Bailer

Total Well Depth:	10.00	**Fe=**	**mg/L**
Depth to Water:	3.92	**ORP=**	**mV**
Water Column Height:	6.08	**DO=**	**mg/L**
Gallons/ft:	0.04		
1 Casing Volume (gal):	0.24		
3 Casing Volumes (gal):	0.72		

COMMENTS: very turbid, silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
12:00	0.2	14.9	6.84	1035
12:01	0.5	15.0	6.86	1012
12:02	0.7	15.3	6.81	1017

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-7A	3/9/10	12:05	40 mL VOA, 1 L Amber Glass	HCl, ICE	TPHd, TPHmo, TPHg/ss, HVOCs	8015, 8021,8010 , silica gel clean up
				Signature:		

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ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2010
Client:	Conestoga-Rovers and Associates
Site Address:	1137 - 1167 65th Street, Oakland, CA
Well ID:	MW-7B
Well Diameter:	1"
Purging Device:	check valve tubing
Sampling Method:	Disposable Bailer

Total Well Depth:	22.45	**Fe=**	**mg/L**
Depth to Water:	6.53	**ORP=**	**mV**
Water Column Height:	15.92	**DO=**	**mg/L**
Gallons/ft:	0.04		
1 Casing Volume (gal):	0.63	**COMMENTS:**	
3 Casing Volumes (gal):	1.89	very turbid, silty	

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
11:35	1.0	16.1	7.11	1069
11:37	1.5	16.0	7.14	1060
11:40	2.0	16.3	7.12	1054

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-7B	3/9/10	11:45	40 mL VOA, 1 L Amber Glass	HCl, ICE	TPHd, TPHmo, TPHg/ss, HVOCs	8015, 8021,8010 , silica gel clean up
				Signature:		

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ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	3/8/2010
Client:	Conestoga-Rovers and Associates
Site Address:	1137 - 1167 65th Street, Oakland, CA
Well ID:	MW-7C
Well Diameter:	1"
Purging Device:	check valve tubing
Sampling Method:	Disposable Bailer

Total Well Depth:	29.70	**Fe=**	**mg/L**
Depth to Water:	7.97	**ORP=**	**mV**
Water Column Height:	21.73	**DO=**	**mg/L**
Gallons/ft:	0.04		
1 Casing Volume (gal):	0.86		
3 Casing Volumes (gal):	2.58		

COMMENTS: very turbid, silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
11:10	1.0	16.1	7.08	1429
11:15	2.0	16.3	6.97	1480
11:20	2.5	16.3	6.98	1416

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-7C	3/9/10	11:25	40 mL VOA, 1 L Amber Glass	HCl, ICE	TPHd, TPHmo, TPHg/ss, HVOCs	8015, 8021,8010 , silica gel clean up

Signature: