



**CONESTOGA-ROVERS
& ASSOCIATES**

5900 Hollis Street, Suite A, Emeryville, California 94608
Telephone: 510-420-0700 Facsimile: 510-420-9170
www.CRAworld.com

May 14, 2008

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

RECEIVED

2:46 pm, May 21, 2008

Alameda County
Environmental Health


Re: **Groundwater Monitoring Report – First Quarter 2008**
1137-1167 65th Street, Oakland, California 94608
CRA Project No. 521000
Fuel Leak Case No. RO0000082

Dear Ms. Jakub:

On behalf of the Nady Trust, Conestoga-Rovers & Associates, Inc. (CRA) is submitting this *Groundwater Monitoring Report – First Quarter 2008*. Presented in this report are a summary of the field activities and results from the first quarter 2008 groundwater monitoring event. In addition, this report contains recommendations for second quarter 2008 activities.

If you have any questions, please call me at (510) 420-3307.

Sincerely,
Conestoga-Rovers & Associates, Inc.



Mark Jonas, P.G.
Senior Project Manager

Attachment: Groundwater Monitoring Report – First Quarter 2008

cc: Mr. Frederic Schrag, 6701 Shellmound Street, Emeryville, California 94608 (1 copy + PDF via e-mail)

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, trustee

QMR 1Q08 Nady 521000 (1).doc

Equal
Employment
Opportunity Employer



**CONESTOGA-ROVERS
& ASSOCIATES**

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2008

1137-1167 65th Street
Oakland, California 94608
CRA Project No. 521000
Fuel Leak Case No. RO0000082

May 14, 2008

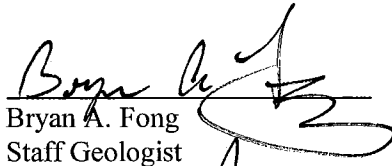
Prepared for Submittal to:

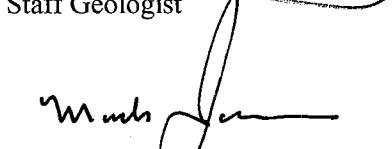
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

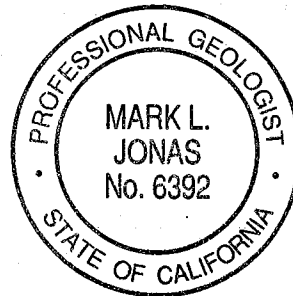
Prepared by:

Conestoga-Rovers & Associates, Inc.
5900 Hollis Street, Suite A
Emeryville, California 94608

Conestoga-Rovers & Associates, Inc. (CRA) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to CRA from outside sources and/or in the public domain, and partially on information supplied by CRA and its subcontractors. CRA makes no warranty or guarantee, expressed or implied, included or intended in this document, with respect to the accuracy of information obtained from these outside sources or the public domain, or any conclusions or recommendations based on information that was not independently verified by CRA. This document represents the best professional judgment of CRA. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.


Bryan A. Fong
Staff Geologist


Mark Jonas, P.G. #6392
Senior Project Manager





**CONESTOGA-ROVERS
& ASSOCIATES**

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2008

**1137-1167 65th Street
Oakland, California 94608
CRA Project No. 521000
Fuel Leak Case No. RO0000082**

May 14, 2008

INTRODUCTION

This report describes the first quarter 2008 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 quarter 2008 monitoring event. In addition, this report contains recommendations for second quarter 2008 activities.

MONITORING ACTIVITIES

CRA coordinated with Muskan Environmental Sampling (MES) to perform quarterly groundwater monitoring activities at the site. On March 7, 2008, MES measured groundwater levels in all thirteen monitoring wells and collected groundwater samples from nine of the thirteen wells. As recommended in the *Groundwater Monitoring Report – Fourth Quarter 2005* and approved by Mr. Barney Chan of ACEH, the sampling and analysis are as follows:

- Total petroleum hydrocarbons as diesel (TPHd), gasoline (TPHg), motor oil (TPHmo), and stoddard solvent (TPHss), and benzene, toluene, ethylbenzene, and total xylenes (BTEX) are analyzed in groundwater samples collected from monitoring wells MW-1A, MW-2A, MW-3A, MW-4A, MW-6A, MW-7A, and MW-6B.
- Halogenated volatile organic compounds (HVOCs) are analyzed in groundwater samples collected from monitoring wells MW-1A, MW-3A, MW-6A, MW-7A, MW-1B, MW-6B, and MW-6C.
- It is not necessary to analyze groundwater samples for methyl tertiary butyl ether (MTBE).
- Monitoring wells MW-4B, MW-5B, MW-1C, and MW-4C are no longer sampled. Copies of the field data sheets are included as Appendix A.



Water Level Measurements: Depth to groundwater measurements were recorded to the nearest 0.01-foot, relative to a previously established reference elevation. Measurements were collected using an electric, conductance-actuated well sounder. The groundwater level measurement data are summarized in Table 2.

Groundwater Sampling: MES collected groundwater samples from wells MW-1A, MW-2A, MW-3A, MW-4A, MW-6A, MW-7A, MW-1B, MW-6B, and MW-6C.

Prior to sampling, the wells were purged to remove standing water in the well casing and annulus to promote inflow of representative groundwater from the surrounding formation. Each well was purged using a new disposable bailer, pre-cleaned poly vinyl chloride (PVC) bailer, or disposable tubing with a check valve. 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 A).

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-milliliter (mL) glass volatile organic analysis (VOA) vials, both 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).

Groundwater samples were analyzed for TPHd, TPHmo, TPHss, and TPHg by modified United States Environmental Protection Agency (EPA) Method SW8015C. BTEX 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. Analytical results are summarized on Figures 2, 3, and 4 and presented in Tables 2 and 3.



Waste Disposal: Approximately 70 gallons of purge water was generated during this quarter's monitoring event. This waste water is stored in sealed Department of Transportation (DOT) approved 55 gallon drums and temporarily left on site for eventual transport and disposal.

RESULTS

Groundwater Flow Direction and Gradient: Depth-to-water measurements collected from thirteen wells on March 7, 2008 ranged from 1.93 to 7.03 feet (ft) below top of casing (TOC). Groundwater elevations were calculated by subtracting the depth-to-water measurements from the surveyed TOC elevations. The groundwater elevations for A, B, and C water-bearing zones were each plotted and contoured on Figures 2, 3, and 4, respectively. The groundwater flow direction in the A-zone was southwest with a gradient of approximately 0.02 feet per foot (ft/ft) (Figure 2). The groundwater flow direction in the B-zone was southwest with a gradient of approximately 0.017 ft/ft (Figure 3). The groundwater flow direction in the C-zone was west with a gradient of approximately 0.007 ft/ft (Figure 4). The groundwater flow direction and gradient in the A-zone, B-zone, and C-zone are generally consistent with historical results. The A-zone is defined as the first encountered groundwater bearing zone from approximately 5 feet below ground surface (ft bgs) to 15 ft bgs. A-zone monitoring wells are MW-1A, MW-2A, MW-3A, MW-4A, MW-6A, and MW-7A. The B-zone is defined as the second encountered groundwater bearing zone from approximately 16 ft bgs to 22 ft bgs. B-zone monitoring wells are MW-1B, MW-4B, MW-5B, and MW-6B. The C-zone is defined as the third encountered groundwater bearing zone from approximately 28 ft bgs to 40 ft bgs. C-zone monitoring wells are MW-1C, MW-4C, and MW-6C. Rose diagrams depicting historical groundwater flow directions for the A, B, and C-zones are presented on the figures. Depth-to-water and groundwater elevation data are presented in Tables 2 and 3.

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. Groundwater from A-zone monitoring wells MW-1A, MW-3A, MW-6A, and MW-7A were analyzed for HVOCs.

Petroleum hydrocarbons were detected in all six A-zone monitoring wells sampled. TPHd concentrations ranged from 71 micrograms per liter ($\mu\text{g/L}$) to 56,000 $\mu\text{g/L}$. The highest TPHd concentration was detected in MW-7A. TPHg concentrations ranged from 100 $\mu\text{g/L}$ to 4,100 $\mu\text{g/L}$ with the highest concentration detected in MW-6A. TPHmo concentrations ranged from 280 $\mu\text{g/L}$ to 1,600 $\mu\text{g/L}$. The highest TPH mo was detected in well MW-7A. TPHss concentrations ranged from 1,600 $\mu\text{g/L}$ to 3,700 $\mu\text{g/L}$. The highest TPHss was detected in well MW6A.



Toluene was detected in well MW-2A and MW-4A at concentration of 1.2 µg/L and 1.0 µg/L respectively. Ethylbenzene was detected in well MW-1A at a concentration of 2.3 µg/L. Xylenes concentrations ranged from 1.5 µg/L to 8.9 µg/L. The highest xylenes was detected in well MW-1A. No benzene was detected in any of the A-zone wells.

HVOCs were detected in all four of the A-zone monitoring wells sampled. The HVOC detections were as follows:

- 1,1,2,2-Tetrachloroethane, Tetrachloroethene (PCE), Trichloroethene (TCE), 1,2-Dichlorobenzene, cis-1,2-Dichloroethene (cis-1,2-DCE), trans-1,2-Dichloroethene (trans-1,2-DCE), 1,1-Dichloroethane (1,1-DCA), and Vinyl Chloride concentrations were detected in well MW-1A at a concentration of 17 µg/L, 9.0 µg/L, 9.3 µg/L, 1.3 µg/L, 13 µg/L, 1.2 µg/L, 1.7 µg/L, and 1.7 µg/L, respectively. Chloroethane and 1,1,2,2-Tetrachloroethane were detected in well MW-6A at concentrations of 1.0 µg/L and 9.5 µg/L respectively. 1,2-Dichlorobenzene was also detected in wells MW-3A, MW-6A, and MW-7A at concentrations of 19 µg/L, 2.4 µg/L, and 2.6 µg/L respectively.
- Additionally, chlorobenzene was detected in well MW-3A at a concentration of 74 µg/L.
- No other HVOCs were detected in A-zone wells. A-zone groundwater analytical data and water level data are presented in Tables 2 and 3, and summarized on Figure 2.

Chemicals Detected in B-Zone Groundwater: During the first quarter 2008, groundwater samples from B-zone monitoring well MW-6B were analyzed for petroleum hydrocarbons by EPA Methods SW8015C and SW8021B, and wells MW-1B and MW-6B were analyzed for HVOCs.

- TPHd, TPHg, TPHmo, and TPHss were detected in well MW-6B at concentrations of 27,000 µg/L, 3,100 µg/L, 1,100 µg/L and 2,700 µg/L, respectively.
- Xylenes were detected at 6.1 µg/L. No benzene, Toluene, or ethylbenzene were detected.
- The following HVOCs were detected in well MW-1B: 7.5 µg/L cis-1,2-DCE, 8.8 µg/L 1,1-DCA, and 5.6 µg/L 1,2-DCA.



- The following HVOCs were detected in well MW-6B: 1.1 µg/L chloroethane, 16 µg/L 1,1,2,2-Tetrachloroethane, 1.2 µg/L 1,2-Dichlorobenzene, 1.0 µg/L cis-1,2-DCE, and 0.58 µg/L 1,1-DCA. B-zone groundwater analytical data and water level data are presented in Tables 2 and 3, and summarized on Figure 3.

Chemicals Detected in C-Zone Groundwater: No C-zone wells were sampled for petroleum hydrocarbons. Only C-zone well MW-6C was sampled and analyzed for HVOCs.

- The following HVOCs were detected in well MW-6C: 5.1 µg/L PCE, 5.5 µg/L TCE, 28 µg/L cis-1,2-DCE, 0.90 µg/L trans-1,2-DCE, 0.78 µg/L 1,1-DCA, and 3.2 µg/L vinyl chloride.
- No other HVOCs were detected in well MW-6C. C-zone groundwater analytical data and water level data are presented in Tables 2 and 3, and summarized on Figure 4.

GEOTRACKER SUBMITTALS

CRA uploaded first quarter 2008 groundwater depth data, analytical results, and this report to the State's GeoTracker database on behalf of Nady Trust.

RECOMMENDED SECOND QUARTER 2008 ACTIVITIES

Groundwater Monitoring

A quarterly groundwater monitoring event will occur during the second quarter 2008. Monitoring activities shall include gauging groundwater depths in the thirteen site monitoring wells to determine groundwater flow patterns. Groundwater sampling and analysis shall include monitoring wells MW-1A, MW-2A, MW-3A, MW-4A, MW-6A, MW-7A, and MW-6B for petroleum hydrocarbons (TPHg, TPHd, TPHmo, TPHss, and BTEX) and wells MW-1A, MW-3A, MW-6A, MW-7A, MW-1B, MW-6B, and MW-6C for (8010 basic target list) HVOCs. A report will be prepared detailing the activities and findings of the second quarter 2008 event to be submitted to ACEH. Groundwater analytical, well gauging data and groundwater monitoring report will be uploaded to GeoTracker. The second quarter 2008 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.



Modification of Groundwater Monitoring

As a result of an April 22, 2008 meeting with ACEH and the State Water Resources Control Board (State Board), additional analytes will be proposed. These include isotopes, inorganics, and bioattenuation factors. These will be presented in detail in an upcoming letter Work Plan for consideration by ACEH. After approval of the scope of work and cost, we will implement the modified groundwater monitoring approach.

Site Characterization

On November 6, 2007 *Additional Site Characterization Work Plan* was submitted ACEH for review and approval. An April 22, 2008 meeting with ACEH and the State Board, resulted in a significantly modified scope of work. This scope of work for additional characterization shall be presented in a Work Plan, prior to review and approval by ACEH.

ATTACHMENTS

Figure 1 – Vicinity Map

Figure 2 – Groundwater Flow and Chemical Concentrations – A Zone

Figure 3 – Groundwater Flow and Chemical Concentrations – B Zone

Figure 4 – Groundwater Flow and Chemical Concentrations – C Zone

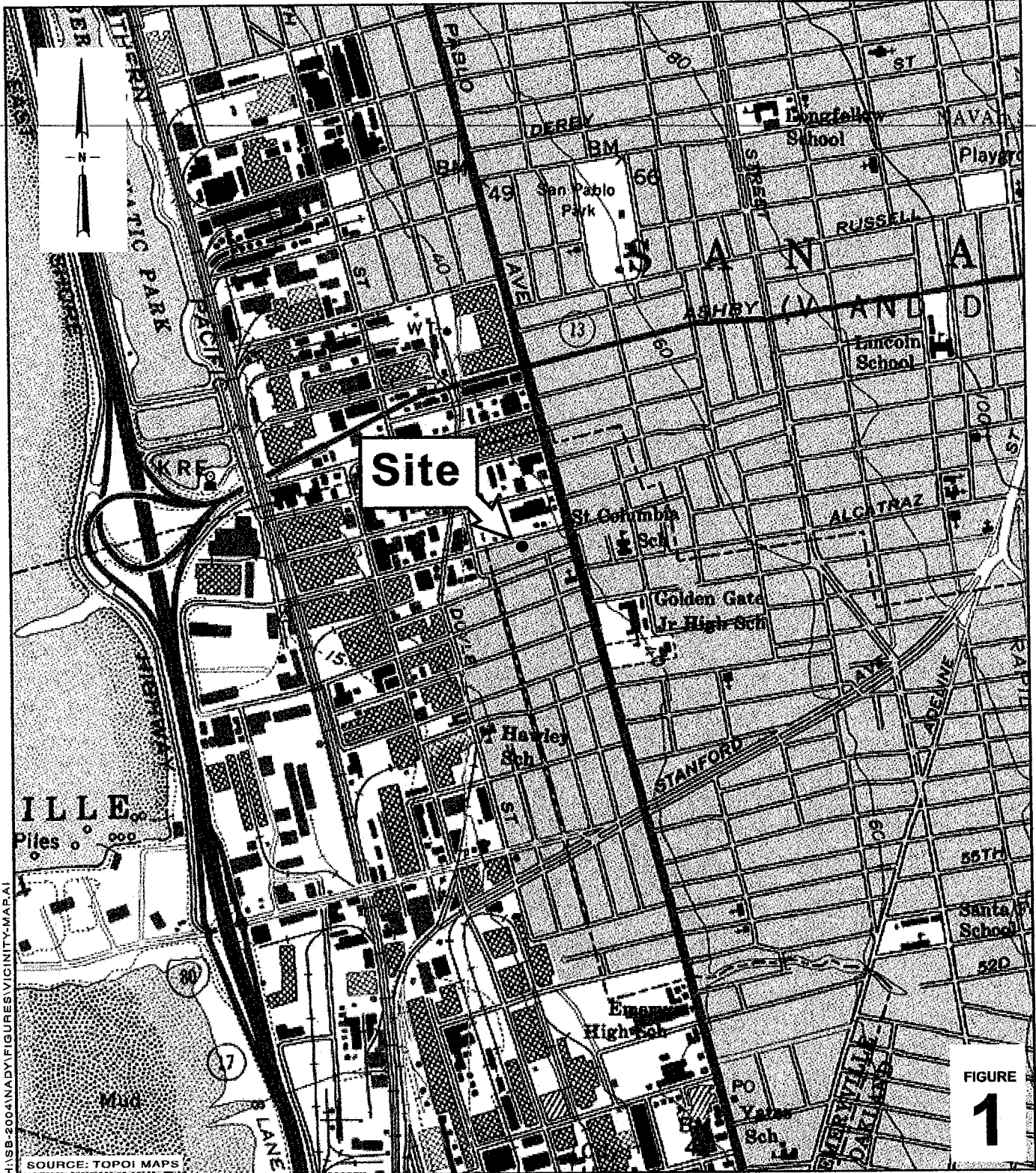
Table 1 – Well Construction Details

Table 2 – Monitoring Well Groundwater Results: Petroleum Hydrocarbons

Table 3 – Monitoring Well Groundwater Results: Halogenated Volatile Organic Compounds

Appendix A – Field Data Sheets

Appendix B – Laboratory Analytical Report



FIGURE

1

0 1/8 1/4 1/2 1
 SCALE : 1" = 1/4 MILE

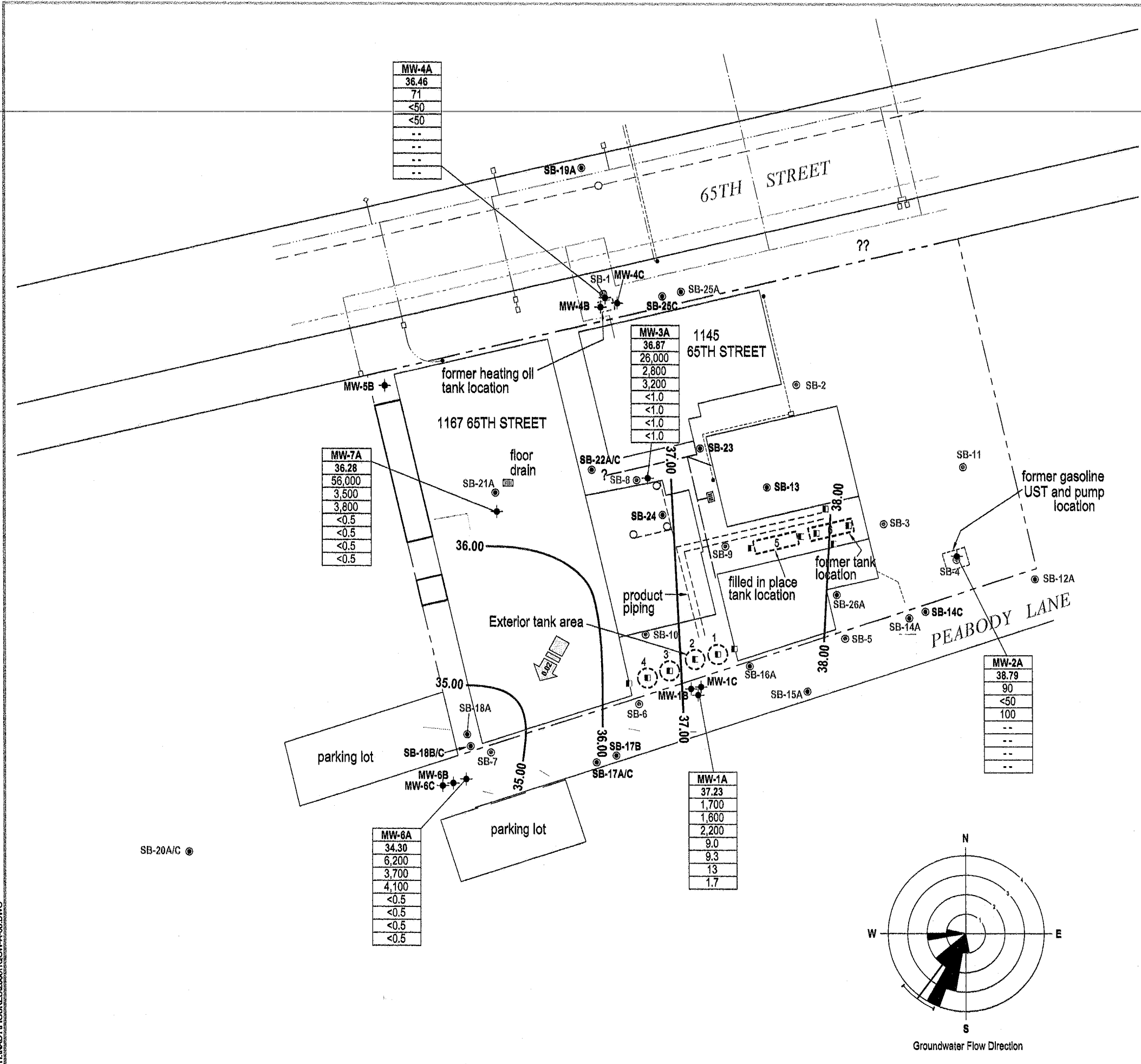


**CONESTOGA-ROVERS
 & ASSOCIATES**

Vicinity Map

1137 - 1167 65th Street
 Oakland, California

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



EXPLANATION

- MW-1A ◆ CRA monitoring well location
- SB-12 ● CRA soil boring location
- SB-1 ○ GRA 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), dashed where inferred
- ← 0.02 Groundwater flow direction and gradient
- - Not analyzed

Well ID	ELEV.	TPHg	TPHss	TPHg	PCE	TCE	cls-1,2-DCE	Vinyl Chloride
MW-1A	37.23	1,700	1,600	2,200	9.0	9.3	13	1.7
MW-2A	38.79	90	<50	100	-	-	-	-
MW-3A	36.87	26,000	2,800	3,200	<1.0	<1.0	<1.0	<1.0
MW-4A	36.46	71	<50	-	-	-	-	-
MW-7A	36.28	56,000	3,500	3,800	<0.5	<0.5	<0.5	<0.5
MW-8A	34.30	6,200	3,700	4,100	<0.5	<0.5	<0.5	<0.5

Groundwater Flow and Chemical Concentrations - A Zone
 March 7, 2008



1137 - 1167 65th Street
 Oakland, California

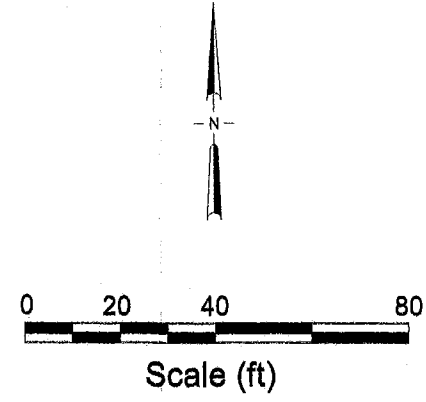
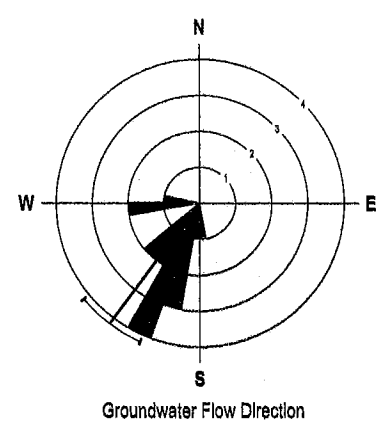
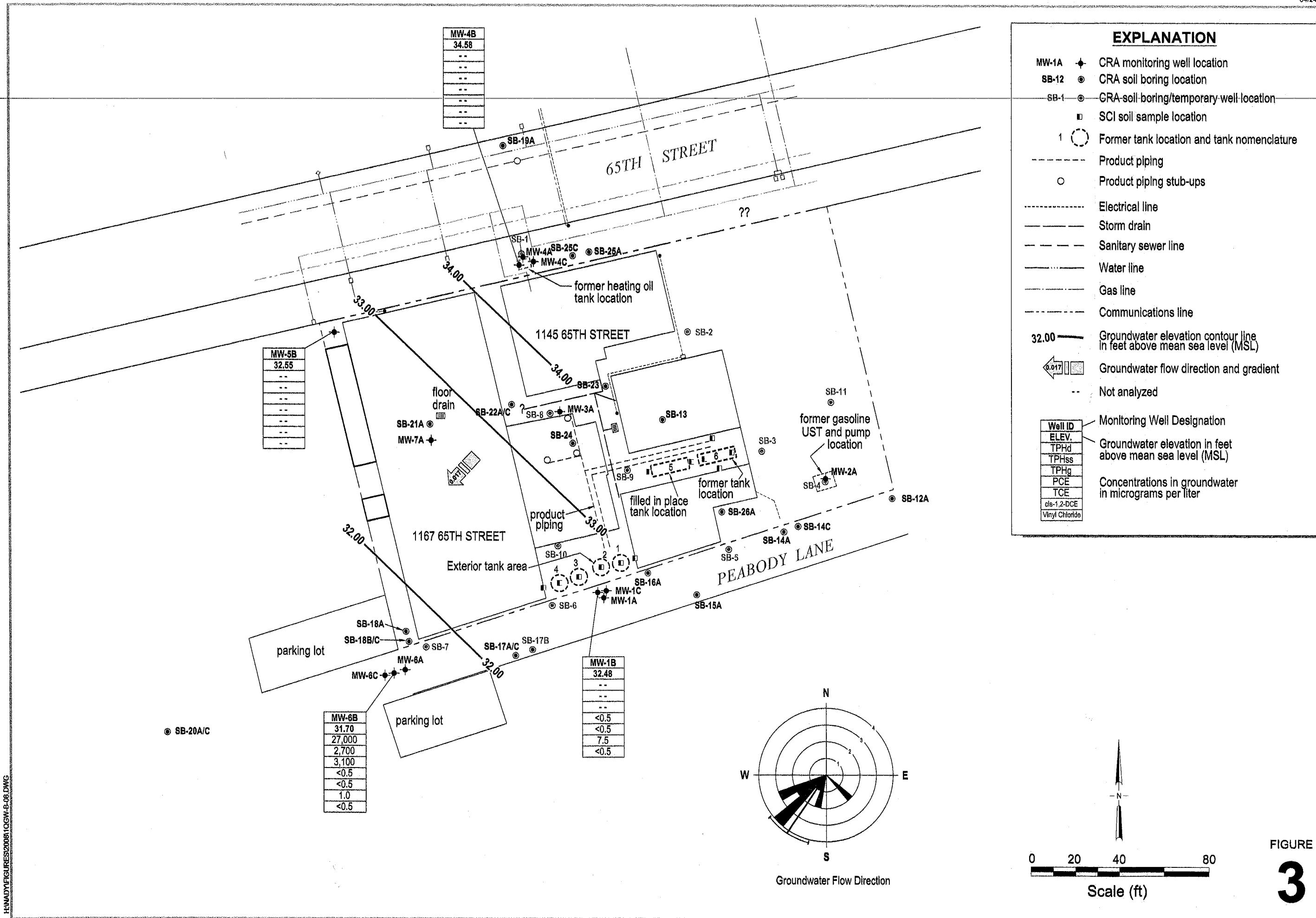


FIGURE
2

H:\MADY\FIGURES\2008\10\GW-A-08.DWG

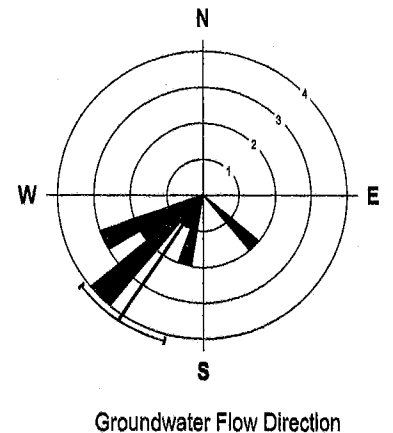
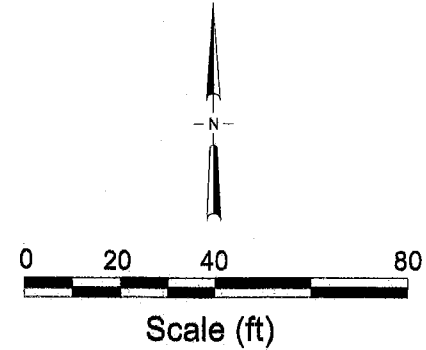


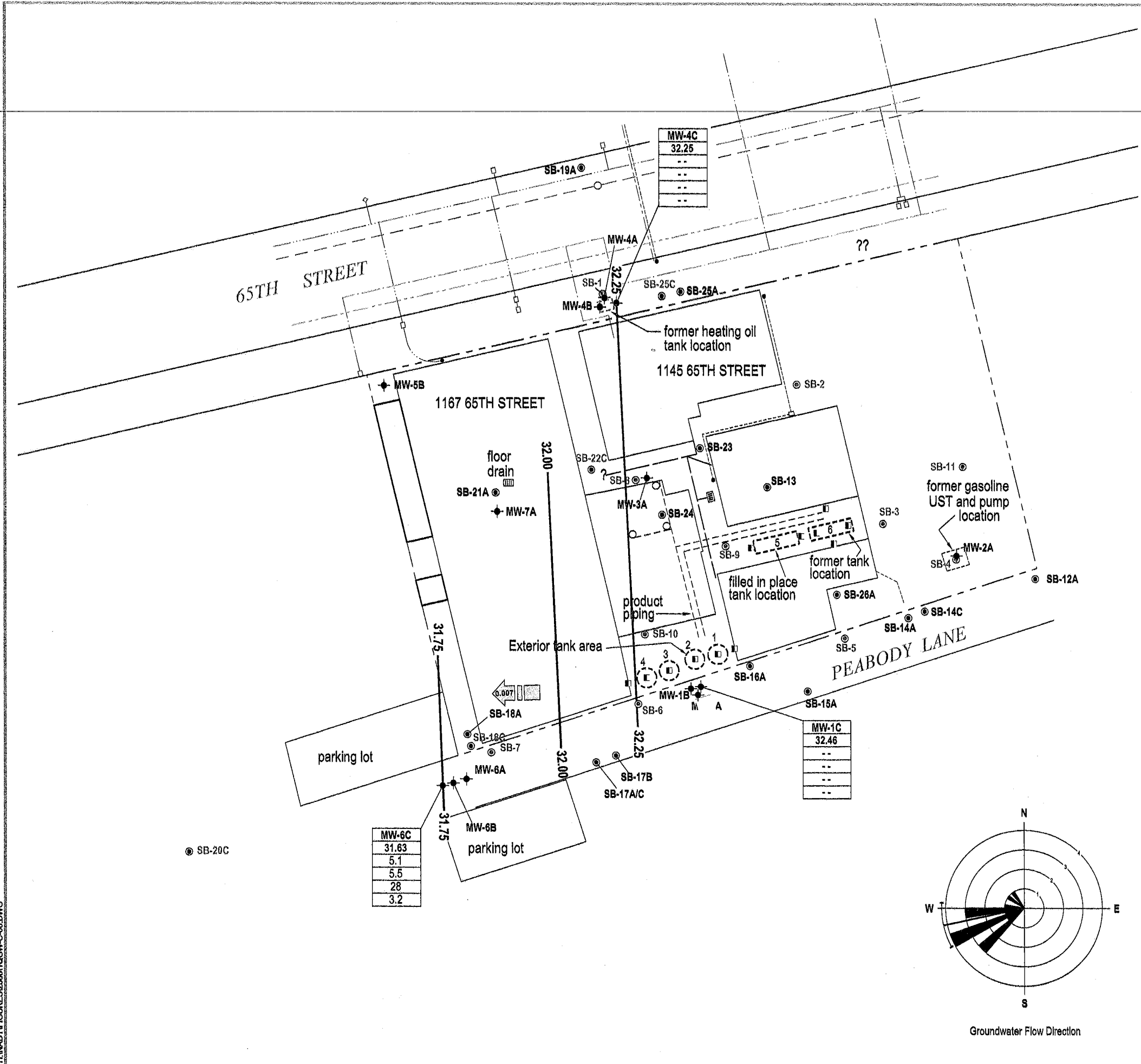
CONESTOGA-ROVERS & ASSOCIATES

Groundwater Flow and Chemical Concentrations - B Zone
March 7, 2008

1137 - 1167 65th Street
Oakland, California

FIGURE
3





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)
- ← 0.007 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	

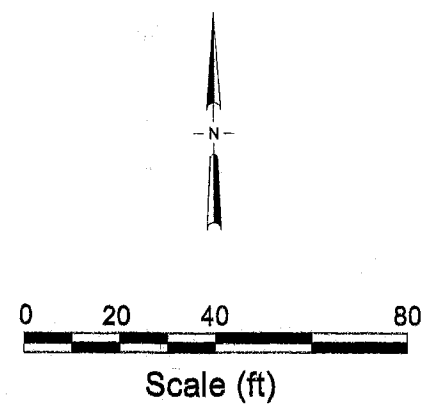
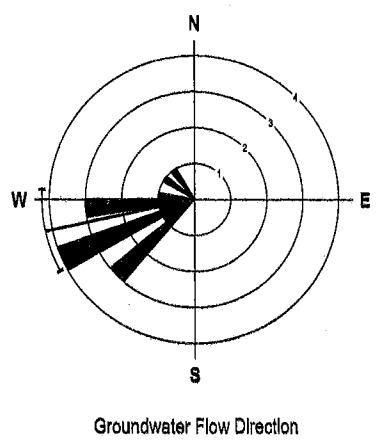


FIGURE
4

H:\MADY\FIGURES\2008\10GW-C-08.DWG

Conestoga-Rovers & Associates

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-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
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-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

Abbreviations / Notes

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

Conestoga-Rovers & Associates

Table 2. Monitoring Well Groundwater Results: Petroleum Hydrocarbons - John Nady, 1137-1167 65th Street, Oakland, California

Well ID TOC (ft)	Date Sampled	Groundwater Zone	Groundwater Elevation (ft msl)	Depth to Water (ft)	TPHd ←	TPHg	TPHmo	TPHss	Benzene μg/L	Toluene	Ethylbenzene	Xylenes	MTBE →	Notes
MW-1A 39.64	6/3/2004	Zone A	35.14	4.50	1,300	1,400	260	2,500	ND<0.5	ND<0.5	2.0	11	ND<5.0	
	11/23/2004		36.54	3.10	1,400	2,300	ND<250	2,800	0.64	ND<0.5	2.5	9.7	6.8	a,b,c
	3/14/2005		37.02	2.62	3,200	4,800	ND<250	6,000	0.68	ND<0.5	2.0	6.8	ND<5.0	d,e
	6/15/2005		35.14	4.50	2,500	2,800	ND<250	3,400	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	2,800	4,100	ND<250	6,000	ND<1.0	ND<1.0	3.3	6.2	ND<10	a,b,i,c
	12/12/2005		35.14	4.50	2,500	2,600	ND<250	3,100	ND<1.7	ND<1.7	2.7	6.5	ND<17	a,b,c,h,i
	3/13/2006		37.74	1.90	2,300	2,000	ND<250	2,400	0.51	ND<0.5	1.9	3.5	--	a,b,c,i
	6/19/2006		35.94	3.70	2,600	2,200	ND<250	3,500	0.52	ND<0.5	2.9	6.7	--	m,b,c
	9/20/2006		34.19	5.45	2,400	2,200	ND<250	2,400	ND<2.5	ND<2.5	3.0	9.7	--	a,b,c,i
	12/20/2006		37.02	2.62	1,900	1,300	ND<250	1,400	0.52	ND<0.5	2.9	7.6	--	a,e,h
	3/29/2007		37.04	2.60	1,200	1,800	ND<250	2,100	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	3,200	ND<250	2,200	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,b,c
	9/7/2007		33.90	5.74	1,800	2,300	ND<250	1,700	ND<0.5	ND<0.5	2.2	4.6	ND<5.0	a,b,c
	12/12/2007		36.53	3.11	2,500	3,100	ND<250	3,400	ND<5.0	ND<5.0	ND<5.0	12	ND<50	a,c
	3/7/2008		37.23	2.41	1,700	2,200	ND<250	1,600	ND<0.5	ND<0.5	2.3	8.9	--	a,c
MW-2A 40.72	6/3/2004	Zone A	36.48	4.24	2,900	1,700	ND<250	3,500	ND<0.5	3.5	4.9	5.1	ND<5.0	
	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		--	--	560	360	450	260	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		--	--	470	480	330	430	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		--	--	2,100	960	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		--	--	700	670	470	510	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	--	--	--	--	--	--	--	--	--	
	3/14/2006		--	--	81	100	ND<250	81	ND<0.5	1.5	ND<0.5	ND<0.5	--	a,b,c,i
	6/19/2006		37.31	3.41	--	--	--	--	--	--	--	--	--	
	6/20/2006		--	--	530	270	420	180	ND<0.5	1.7	ND<0.5	ND<0.5	--	e,g,i,l
	9/20/2006		34.65	6.07	800	1,700	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	190	94	300	61	ND<0.5	1.5	ND<0.5	ND<0.5	--	e,g,m,n		
3/29/2007	38.22	2.50	200	260	ND<250	240	ND<0.5	2.7	ND<0.5	ND<0.5	ND<5.0	a,b,c		
6/11/2007	37.14	3.58	200	180	ND<250	94	ND<0.5	1.7	ND<0.5	ND<0.5	--	a,b,c,i		
9/7/2007	35.04	5.68	190	240	ND<250	180	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	220	190	360	140	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	90	100	ND<250	ND<50	ND<0.5	1.2	ND<0.5	ND<0.5	--	e,b		
MW-3A 40.88	6/3/2004	Zone A	36.56	4.32	90,000	4,800	6,000	12,000	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	
	11/23/2004		37.89	2.99	22,000	3,800	ND<2,500	5,700	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		--	--	37,000	2,400	ND<2,500	3,500	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		--	--	15,000	2,100	ND<1,200	3,300	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	--	--	--	--	--	--	--	--	--			

Conestoga-Rovers & Associates

Table 2. Monitoring Well Groundwater Results: Petroleum Hydrocarbons - John Nady, 1137-1167 65th Street, Oakland, California

Well ID TOC (ft)	Date Sampled	Groundwater Zone	Groundwater Elevation (ft msl)	Depth to Water (ft)	TPHd	TPHg	TPHmo	TPHss	Benzene µg/L	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
MW-3A (cont.)	9/20/2005		--	--	55,000	4,700	ND<5,000	8,000	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		--	--	34,000	1,100	ND<12,000	1,600	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		--	--	21,000	2,200	1,600	3,300	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		--	--	19,000	8,000	1,000	16,000	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	c,d,g,h,m
	9/20/2006		35.78	5.10	13,000	2,500	1,300	3,300	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	15,000	2,600	670	3,500	ND<2.5	ND<2.5	ND<2.5	7.6	--	e,g,h,n
	3/29/2007		36.82	4.06	21,000	2,600	940	3,400	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	a,c,d,h
	6/11/2007		36.52	4.36	13,000	5,200	730	3,500	ND<10	ND<10	ND<10	ND<10	--	a,d,h
	9/7/2007		35.98	4.90	36,000	11,000	1,600	15,000	ND<10	ND<10	ND<10	ND<10	ND<100	a,c,d,h
	12/12/2007		36.54	4.34	41,000	9,500	ND<2,500	13,000	ND<5.0	7.1	ND<5.0	32	ND<50	a,c,h
	3/7/2008		36.87	4.01	26,000	3,200	1,200	2,800	ND<2.5	ND<2.5	ND<2.5	2.5	--	a,h,c
	MW-4A 38.71	6/3/2004	Zone A	36.26	2.45	270	ND<50	440	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
11/23/2004			37.13	1.58	73	ND<50	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			--	--	210	ND<50	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			--	--	99	59	ND<250	75	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			--	--	87	ND<50	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			--	--	71	ND<50	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			--	--	68	ND<50	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			--	--	72	ND<50	ND<250	ND<50	0.53	1.1	ND<0.5	1.6	--	f
9/20/2006			35.10	3.61	160	110	ND<250	88	1.2	2.5	0.61	3.9	--	a,d,f,i
12/20/2006			36.39	2.32	97	ND<50	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	66	ND<50	ND<250	ND<50	ND<0.5	0.92	ND<0.5	1.6	--	d,f	
9/7/2007		35.34	3.37	78	ND<50	ND<250	ND<50	0.74	1.3	ND<0.5	1.9	ND<5.0	f	
12/12/2007		36.25	2.46	68	86	ND<250	62	0.62	1.8	ND<0.5	2.4	ND<5.0	j,d,f	
3/7/2008		36.46	2.25	71	ND<50	ND<250	ND<50	ND<0.5	1.0	ND<0.5	1.5	--	l,f	
MW-6A 37.98	6/3/2004	Zone A	31.98	6.00	3,500	970	340	2,400	ND<0.5	ND<0.5	ND<0.5	2.1	ND<5.0	
	11/23/2004		33.13	4.85	1,400	1,900	ND<250	3,000	ND<0.5	ND<0.5	ND<0.5	3.0	ND<5.0	a,c
	3/14/2005		35.03	2.95	5,900	2,900	ND<250	2,600	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	e,d,i
	6/15/2005		33.28	4.70	6,100	2,200	ND<250	3,400	ND<0.5	ND<0.5	0.60	4.4	ND<10	a,i,c,d
	9/19/2005		32.07	5.91	2,600	2,200	ND<250	3,900	ND<1.0	ND<1.0	1.4	7.6	ND<10	a,b,c
	12/12/2005		33.12	4.86	4,600	2,900	ND<250	4,500	ND<0.5	ND<0.5	1.6	8.9	ND<5.0	a,c,h,i
	3/13/2006		36.05	1.93	4,300	1,900	ND<250	3,000	ND<0.5	ND<0.5	ND<0.5	4.3	--	a,c,d,h
6/19/2006		32.59	5.39	7,800	2,300	260	4,600	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	c,g,h,m	

Conestoga-Rovers & Associates

Table 2. Monitoring Well Groundwater Results: Petroleum Hydrocarbons - John Nady, 1137-1167 65th Street, Oakland, California

Well ID TOC (ft)	Date Sampled	Groundwater Zone	Groundwater Elevation (ft msl)	Depth to Water (ft)	TPHd	TPHg	TPHmo	TPHss	Benzene μg/L	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
MW-6A (cont.)	9/20/2006		31.96	6.02	2,600	960	ND<250	1,200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	a,c,i
	12/20/2006		33.57	4.41	4,100	2,400	ND<250	3,200	ND<5.0	ND<5.0	ND<5.0	8.1	--	e,h,n
	3/29/2007		33.67	4.31	2,900	2,200	ND<250	2,700	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	a,c
	6/11/2007		32.95	5.03	6,400	4,300	ND<250	3,700	ND<0.5	ND<0.5	2.1	9.5	--	a,c
	9/7/2007		32.32	5.66	5,800	1,600	ND<250	1,400	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	9,600	3,300	ND<250	4,400	ND<5.0	ND<5.0	ND<5.0	8.4	ND<50	a,c,d
	3/7/2008		34.30	3.68	6,200	4,100	280	3,700	ND<2.5	ND<2.5	ND<2.5	6.9	--	a,h,c
MW-7A 40.58	6/3/2004	Zone A	36.08	4.50	--	3,900	--	9,900	ND<5.0	ND<5.0	ND<5.0	6.6	ND<50	
	11/23/2004		--	--	--	--	--	--	--	--	--	--	--	
	3/14/2005		37.03	3.55	14,000	3,900	620	3,700	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	c,d,h
	6/15/2005		36.41	4.17	24,000	2,500	ND<1,200	3,900	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	a,c,d,h,i
	9/19/2005		35.25	5.33	43,000	7,000	ND<5,000	13,000	ND<10	ND<10	ND<10	ND<10	ND<100	a,c,i
	12/12/2005		36.15	4.43	10,000	1,700	ND<1,200	2,500	ND<1.0	ND<1.0	1.4	2.4	ND<10	a,c,d,h,i
	3/13/2006		36.76	3.82	31,000	1,600	1,100	2,300	ND<0.5	ND<0.5	0.93	9.1	--	a,c,d,g,h,i
	6/19/2006		35.78	4.80	36,000	26,000	1,300	44,000	ND<5.0	ND<5.0	10	ND<5.0	--	c,d,g,h,i,m
	9/20/2006		35.03	5.55	36,000	49,000	ND<5,000	69,000	ND<50	ND<50	ND<50	ND<50	--	a,c,h,i
	12/20/2006		36.35	4.23	14,000	38,000	ND<1,200	53,000	ND<50	ND<50	ND<50	150	--	e,h,n
	3/29/2007		36.06	4.52	34,000	4,100	890	5,600	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	32,000	3,800	ND<1,200	3,400	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,c,d,h,i
	9/7/2007		35.18	5.40	57,000	21,000	ND<2,500	19,000	ND<10	ND<10	ND<10	54	ND<100	a,b,c,d,h
	12/12/2007		35.96	4.62	45,000	13,000	1,400	16,000	ND<25	ND<25	ND<25	ND<25	ND<250	a,c,d
	3/7/2008		36.28	4.30	56,000	3,800	1,600	3,500	ND<2.5	ND<2.5	ND<2.5	3.7	--	a,h,i,c
MW-1B 39.50	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	
	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	52	ND<50	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	--	--	--	--	--	--	--	--	--	
MW-4B 38.54	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	
	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	--	--	--	--	--	--	--	--	--	

Conestoga-Rovers & Associates

Table 2. Monitoring Well Groundwater Results: Petroleum Hydrocarbons - John Nady, 1137-1167 65th Street, Oakland, California

Well ID TOC (ft)	Date Sampled	Groundwater Zone	Groundwater Elevation (ft msl)	Depth to Water (ft)	←								Notes		
					TPHd	TPHg	TPHmo	TPHss	Benzene µg/L	Toluene	Ethylbenzene	Xylenes		MTBE	
MW-4B (cont.)	6/16/2005		--	--	ND<50	ND<50	ND<250	ND<50	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<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<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	--	--	--	--	--	--	--	--	--	--	
	MW-5B 38.98	6/3/2004	Zone B	30.16	8.82	ND<50	ND<50	ND<250	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
11/23/2004			31.32	7.66	ND<50	ND<50	ND<250	ND<50	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<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<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<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<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	--	--	--	--	--	--	--	--	--	--		
MW-6B 37.66	6/3/2004	Zone B	29.36	8.30	2,300	1,100	ND<250	2,900	ND<0.5	ND<0.5	ND<0.5	1.4	ND<5.0		
	11/23/2004		30.53	7.13	280	500	ND<250	700	ND<0.5	ND<0.5	ND<0.5	1.6	ND<5.0	a,c	
	3/14/2005		31.86	5.80	5,200	1,300	340	1,200	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	1,700	900	ND<250	1,300	ND<0.5	ND<0.5	ND<0.5	1.9	ND<5.0	a,c	
	9/19/2005		28.83	8.83	2,700	1,200	ND<250	2,000	1.0	1.4	ND<1.0	5.0	ND<20	a,b,c	
	12/12/2005		29.85	7.81	4,100	840	ND<250	1,200	ND<0.5	ND<0.5	ND<0.5	3.3	ND<5.0	a,c,h,i	
	3/13/2006		32.31	5.35	6,900	1,400	270	2,000	ND<0.5	ND<0.5	ND<0.5	4.7	--	a,c,d,h,i	
	6/19/2006		29.88	7.78	7,700	1,700	310	3,300	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	c,g,h,m	
	9/20/2006		28.78	8.88	16,000	3,200	740	4,200	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	16,000	55,000	ND<1,200	77,000	ND<50	ND<50	ND<50	130	--	e,g,h,n	
3/29/2007		30.44	7.22	24,000	3,400	650	4,300	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	a,h,c,d		
6/11/2007		29.93	7.73	29,000	2,600	ND<1,200	2,100	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	a,c,d,h		

Conestoga-Rovers & Associates

Table 2. Monitoring Well Groundwater Results: Petroleum Hydrocarbons - John Nady, 1137-1167 65th Street, Oakland, California

Well ID TOC (ft)	Date Sampled	Groundwater Zone	Groundwater Elevation (ft msl)	Depth to Water (ft)	TPHd	TPHg	TPHmo	TPHss	Benzene µg/L	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
MW-6B (cont.)	9/7/2007		28.95	8.71	32,000	4,500	ND<1,200	3,800	ND<5.0	ND<5.0	ND<5.0	11	ND<50	a,b,c,d,h
	12/12/2007		30.00	7.66	36,000	12,000	1,000	15,000	ND<25	ND<25	ND<25	ND<25	ND<250	a,h,c,d
	3/7/2008		31.70	5.96	27,000	3,100	1,100	2,700	ND<2.5	ND<2.5	ND<2.5	6.1	--	a,h,k
MW-1C 39.49	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	
	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	--	--	--	--	--	--	--	--	--	
	3/7/2008		32.46	7.03	--	--	--	--	--	--	--	--	--	
MW-4C 38.50	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	
	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	--	--	--	--	--	--	--	--	--		
MW-6C 37.59	6/3/2004	Zone C	27.89	9.70	240	160	ND<250	340	ND<0.5	ND<0.5	ND<0.5	1.1	ND<5.0	
	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	60	ND<50	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	

Conestoga-Rovers & Associates

Table 2. Monitoring Well Groundwater Results: Petroleum Hydrocarbons - John Nady, 1137-1167 65th Street, Oakland, California

Well ID TOC (ft)	Date Sampled	Groundwater Zone	Groundwater Elevation (ft msl)	Depth to Water (ft)	TPHd	TPHg	TPHmo	TPHss	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
					←----- μg/L -----→									
MW-6C	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	
(cont.)	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	--	--	--	--	--	--	--	--	--	

Abbreviations:

TOC (ft) = Top of casing elevation in feet above mean sea level (msl)
 mg/L = micrograms per liter - approximately equal to parts per billion = ppb
 ft = measured in feet
 TPHd = Total petroleum hydrocarbons as diesel by EPA Method SW8015C with silica gel cleanup.
 TPHg = Total petroleum hydrocarbons as gasoline by EPA Method SW8015C.
 TPHmo = Total petroleum hydrocarbons as motor oil by EPA Method SW8015C with silica gel cleanup.
 TPHss = Total petroleum hydrocarbons as stoddard solvent by EPA Method SW8015C.
 Benzene, toluene, ethylbenzene, and xylenes by EPA Method SW8021B.
 MTBE = Methyl tertiary-butyl ether by EPA Method SW8021B (EPA Method SW8260B).
 -- = Not available, not applicable, not analyzed, not measured

Notes:

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

Conestoga-Rovers & Associates

Table 3. Monitoring Well Groundwater 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)	Chloroethane		(PCE)				(TCE)			Viny Chloride	Notes/Other VOCs			
					←	→	Chloroform	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Trichloroethene	1,2-Dichlorobenzene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene			1,1-Dichloroethane	1,2-Dichloroethane	
															µg/L			
MW-1A 39.64	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	6.3				
	11/23/2004		36.54	3.10	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	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	62	19	2.6	24	2.4	3.0	ND<1.0	10	h		
	9/19/2005		33.14	6.50	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	16	60	17	2.0	22	2.3	2.5	ND<1.0	12	h		
	3/13/2006		37.74	1.90	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	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	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	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	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	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	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	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	17	9.0	9.3	1.3	13	1.2	1.7	ND<0.5	1.7			
	MW-2A 40.72		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		
			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	
			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	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	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	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	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	--	--	--	--	--	--	--	--	--	--	--					
MW-3A 40.88	6/3/2004	Zone A	36.56	4.32	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				
	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				
	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	43	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	i, 1,1,3-dichlorobenzene (1.2) 1,4-dichlorobenzene (5.7)		
	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	52	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	h, 1,1,3-dichlorobenzene (1.5) 1,4-dichlorobenzene (8.3)		
	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	51	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	i, 1,4-dichlorobenzene (7.6) 1,3-dichlorobenzene (1.4)		
	12/12/2005		36.72	4.16	--	--	--	--	--	--	--	--	--	--	--			
	12/13/2005		--	--	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, 1,4-dichlorobenzene (7.2)		
	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	i, chlorobenzene (3.7) 1,4-dichlorobenzene (7.2)		
	6/19/2006		36.48	4.40	--	--	--	--	--	--	--	--	--	--	--			
	6/20/2006		--	--	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	h, chlorobenzene (9.8) 1,4-dichlorobenzene (7.3)		
9/20/2006	35.78	5.10	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, chlorobenzene (31)				

Table 3. Monitoring Well Groundwater Results: Halogenated Volatile Organic Compounds - John Nady, 1137-1167 65th Street, Oakland, California

Well ID TOC (ft)	Date Sampled	Groundwater Zone	Groundwater Elevation (ft amsl)	Depth to Water (ft)	Chloroethane		(PCE)		(TCE)		µg/L				Vinyl Chloride	Notes/Other VOCs
					←	→	Chloroethane	Chloroform	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Trichloroethene	1,2-Dichlorobenzene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene		
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	1.1	ND<0.5	2.3
	3/14/2005		31.79	5.80	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	5.7	
	6/15/2005		30.14	7.45	ND<0.5	ND<0.5	ND<0.5	3.1	3.1	ND<0.5	20	0.64	1.4	ND<0.5	6.8	
	9/19/2005		28.79	8.80	ND<0.5	ND<0.5	ND<0.5	2.9	3.0	ND<0.5	18	0.57	1.3	ND<0.5	10	
	12/12/2005		29.81	7.78	0.66	ND<0.5	ND<0.5	3.2	3.0	ND<0.5	19	0.61	1.4	ND<0.5	5.1	
	3/13/2006		32.09	5.50	ND<0.5	ND<0.5	ND<0.5	3.2	3.9	ND<0.5	26	0.61	0.95	ND<0.5	11	
	6/19/2006		29.84	7.75	ND<0.5	ND<0.5	ND<0.5	4.0	3.4	ND<0.5	32	0.78	0.96	ND<0.5	9.4	
	9/20/2006		28.74	8.85	ND<0.5	ND<0.5	ND<0.5	3.7	4.6	ND<0.5	23	0.76	1.0	ND<0.5	13	
	12/20/2006		30.29	7.30	ND<0.5	ND<0.5	ND<0.5	4.1	4.6	ND<0.5	36	0.88	0.92	ND<0.5	5.3	
	3/29/2007		30.39	7.20	ND<0.5	ND<0.5	ND<0.5	6.0	6.4	ND<0.5	35	1.2	1.1	ND<0.5	4.0	
	6/11/2007		29.86	7.73	ND<0.5	ND<0.5	ND<0.5	6.1	6.4	ND<0.5	26	0.99	0.85	ND<0.5	4.2	
	9/7/2007		28.92	8.67	ND<0.5	ND<0.5	ND<0.5	7.0	6.9	ND<0.5	32	0.99	0.90	ND<0.5	3.8	
	12/12/2007		29.94	7.65	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	5.1	5.5	ND<0.5	28	0.90	0.78	ND<0.5	3.2	

Abbreviations:

TOC (ft) = Top of casing elevation in feet above mean sea level (msl)

µg/L = micrograms per liter; approximately equal to parts per billion = ppb

ft = measured in feet

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

Notes:

a = Total Trihalomethanes

b = Sample diluted due to high organic content

h = lighter than water immiscible sheen/product is present

i = liquid sample that contains greater than ~1 vol. % sediment

j = sample diluted due to high organic content/matrix interference



**CONESTOGA-ROVERS
& ASSOCIATES**

APPENDIX A

Field Data Sheets

DRUM INVENTORY

Client:	Conestoga-Rovers and Associates			
Project:	Nady Systems			
Site Address:	1137-1167 65th Street, Oakland, CA			
Date:	3/7/2008			
ARRIVAL	Amount	SPH	Soil	Water
COMMENTS (color, type, label markings, location etc.): Two black open top steel drums with non haz purge water.	FULL			1
	3/4			
	2/3			
	1/2			
	1/3			
	1/4			1
	>0,<1/4			
DEPARTURE	Amount	SPH	Soil	Water
COMMENTS (color, type, label markings, location etc.): Three black open top steel drums with non haz purge water. Drums are located near well MW-2A	FULL			2
	3/4			
	2/3			1
	1/2			
	1/3			
	1/4			
	>0,<1/4			
	TOTAL			3

WELL GAUGING SHEET

Client: Conestoga-Rovers and Associates
Site Address: 1137-1167 65th Street, Oakland, CA
Date: 3/7/2008 Signature:

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1A	9:10		2.41		14.40	
MW-1B	9:05		7.02		19.75	
MW-1C	9:00		7.03		34.56	
MW-2A	9:35		1.93		11.15	
MW-3A	9:40		4.01		13.95	
MW-4A	8:55		2.25		12.66	
MW-4B	8:50		3.96		20.75	
MW-4C	8:45		6.25		32.00	
MW-5B	8:40		6.43		23.05	
MW-6A	9:30		3.68		14.40	
MW-6B	9:25		5.96		22.00	

WELL SAMPLING FORM

Date:		3/7/2008				
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	Fe= mg/L			
Depth to Water:		2.41	ORP= mV			
Water Column Height:		11.99	DO= mg/L			
Gallons/ft:		0.16				
1 Casing Volume (gal):		1.92	COMMENTS: light sheen, turbid			
3 Casing Volumes (gal):		5.76				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
12:40	1.9	15.5			8.88	224
12:45	3.8	15.9			8.91	222
12:50	5.8	16.2			8.91	226
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-1A	3/7/2008	12:55	40 ml VOA, 1 L Amber	HCl, ICE	TPHg/ss BTEX TPHd TPHmo HVOCs	8015, with silica gel clean up 8020, 8010
				Signature:		

WELL SAMPLING FORM

Date:		3/7/2008				
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:		19.75	Fe= mg/L			
Depth to Water:		7.02	ORP= mV			
Water Column Height:		12.73	DO= mg/L			
Gallons/ft:		0.16				
1 Casing Volume (gal):		2.04	COMMENTS: very turbid, silty			
3 Casing Volumes (gal):		6.11				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
12:15	2.0	17.7			6.84	1622
12:20	4.1	17.8			6.91	1659
12:25	6.1	17.8	6.90	1640		
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-1B	3/7/2008	12:30	40 ml VOA	HCl, ICE	HVOCs	8010
Signature:						

WELL SAMPLING FORM

Date:		3/7/2008				
Client:		Conestoga-Rovers and Associates				
Site Address:		1137-1167 65th Street, Oakland, CA				
Well ID:		MW-2A				
Well Diameter:		4"				
Purging Device:		3" PVC Bailer				
Sampling Method:		Disposable Bailer				
Total Well Depth:		11.15	Fe= mg/L			
Depth to Water:		1.93	ORP= mV			
Water Column Height:		9.22	DO= mg/L			
Gallons/ft:		0.65				
1 Casing Volume (gal):		5.99	COMMENTS: very turbid, silty			
3 Casing Volumes (gal):		17.98				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
1:35	6.0	17.5			9.07	183
1:40	12.0	17.2			8.99	185
1:45	18.0	17.1	8.99	187		
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-2A	3/7/2008	1:50	40 ml VOA, 1 L Amber	HCl, ICE	TPHg/ss BTEX TPHd TPHmo	8015, with silica gel clean up 8020
Signature:						

WELL SAMPLING FORM

Date:		3/7/2008					
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:		13.95	Fe=		mg/L		
Depth to Water:		4.01	ORP=		mV		
Water Column Height:		9.94	DO=		mg/L		
Gallons/ft:		0.16					
1 Casing Volume (gal):		1.59	COMMENTS: very turbid, very silty				
3 Casing Volumes (gal):		4.77					
TIME:	CASING VOLUME (gal)	TEMP (Celsius)				pH	COND. (µS)
2:00	1.6	17.1				6.59	472
2:05	3.2	17.2				6.64	480
2:10	4.8	17.2	6.60	481			
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method	
MW-3A	3/7/2008	2:15	40 ml VOA, 1 L Amber	HCl, ICE	TPHg/ss BTEX TPHd TPHmo HVOCs	8015, with silica gel clean up 8020, 8010	
Signature:							

WELL SAMPLING FORM

Date:		3/7/2008				
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:		12.66	Fe= mg/L			
Depth to Water:		2.25	ORP= mV			
Water Column Height:		10.41	DO= mg/L			
Gallons/ft:		0.16				
1 Casing Volume (gal):		1.67	COMMENTS: turbid			
3 Casing Volumes (gal):		5.00				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
1:00	1.7	13.4			10.51	803
1:15	3.3	13.1			10.57	840
1:20	5.0	13.4	10.61	819		
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-4A	3/7/2008	1:25	40 ml VOA, 1 L Amber	HCl, ICE	TPHg/ss BTEX TPHd TPHmo	8015, with silica gel clean up 8020
				Signature:		

WELL SAMPLING FORM

Date:		3/7/2008				
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:		14.40	Fe= mg/L			
Depth to Water:		3.68	ORP= mV			
Water Column Height:		10.72	DO= mg/L			
Gallons/ft:		0.16				
1 Casing Volume (gal):		1.72	COMMENTS: turbid			
3 Casing Volumes (gal):		5.15				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
11:45	1.7	16.1			7.09	483
11:50	3.4	16.4			7.00	496
11:55	5.1	16.3	6.99	492		
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-6A	3/7/2008	12:00	40 ml VOA, 1 L Amber	HCl, ICE	TPHg/ss BTEX TPHd TPHmo HVOCs	8015, with silica gel clean up 8020, 8010
Signature:						

WELL SAMPLING FORM

Date:		3/7/2008				
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:		5.96	ORP= mV			
Water Column Height:		16.04	DO= mg/L			
Gallons/ft:		0.16				
1 Casing Volume (gal):		2.57	COMMENTS: light sheen			
3 Casing Volumes (gal):		7.70				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
11:15	2.6	17.9			7.20	1017
11:20	5.1	18.1			7.19	1054
11:25	7.7	18.3			7.16	1065
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-6B	3/7/2008	11:30	40 ml VOA, 1 L Amber	HCl, ICE	TPHg/ss BTEX TPHd TPHmo HVOCS	8015, with silica gel clean up 8020, 8010
Signature:						

WELL SAMPLING FORM

Date:		3/7/2008				
Client:		Conestoga-Rovers and Associates				
Site Address:		1137-1167 65th Street, Oakland, CA				
Well ID:		MW-6C				
Well Diameter:		2"				
Purging Device:		Disposable Bailer				
Sampling Method:		Disposable Bailer				
Total Well Depth:		33.80	Fe= mg/L			
Depth to Water:		5.96	ORP= mV			
Water Column Height:		27.84	DO= mg/L			
Gallons/ft:		0.16				
1 Casing Volume (gal):		4.45	COMMENTS:			
3 Casing Volumes (gal):		13.36				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
10:45	4.5	18.1			7.21	978
10:50	8.9	19.0			7.30	1005
10:55	13.4	18.6	7.24	1002		
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-6C	3/7/2008	11:00	40 ml VOA	HCl, ICE	HVOCs	8010
				Signature:		

WELL SAMPLING FORM

Date: 3/7/2008																															
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: Disposable Bailer																															
Total Well Depth: 10.00	Fe= mg/L																														
Depth to Water: 4.30	ORP= mV																														
Water Column Height: 5.70	DO= mg/L																														
Gallons/ft: 0.04																															
1 Casing Volume (gal): 0.23	COMMENTS: very turbid, silty																														
3 Casing Volumes (gal): 0.68																															
<table border="1"> <thead> <tr> <th>TIME:</th> <th>CASING VOLUME (gal)</th> <th>TEMP (Celsius)</th> <th>pH</th> <th>COND. (μS)</th> </tr> </thead> <tbody> <tr> <td>10:15</td> <td>0.2</td> <td>15.9</td> <td>6.81</td> <td>905</td> </tr> <tr> <td>10:20</td> <td>0.5</td> <td>15.8</td> <td>6.88</td> <td>922</td> </tr> <tr> <td>10:25</td> <td>0.7</td> <td>15.8</td> <td>6.85</td> <td>926</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (μS)	10:15	0.2	15.9	6.81	905	10:20	0.5	15.8	6.88	922	10:25	0.7	15.8	6.85	926										
TIME:		CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (μS)																										
10:15	0.2	15.9	6.81	905																											
10:20	0.5	15.8	6.88	922																											
10:25	0.7	15.8	6.85	926																											
Sample ID: MW-7A	Sample Date: 3/7/2008	Sample Time: 10:30	Container Type: 40 ml VOA, 1 L Amber	Preservative: HCl, ICE	Analytes: TPHg/ss BTEX TPHd TPHmo HVOCs	Method: 8015, with silica gel clean up 8020, 8010																									
Signature:																															



**CONESTOGA-ROVERS
& ASSOCIATES**

APPENDIX B

Laboratory Analytical Report

**McC Campbell 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 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #521000; John Nady	Date Sampled: 03/07/08
		Date Received: 03/07/08
	Client Contact: Mark Jonas	Date Reported: 03/18/08
	Client P.O.:	Date Completed: 03/17/08

WorkOrder: 0803163

March 18, 2008

Dear Mark:

Enclosed within are:

- 1) The results of the 9 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.

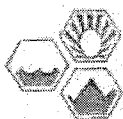
All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.



McCAMPBELL ANALYTICAL, INC.
 1334 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: Mark Jonas Bill To: Conestoga Rivers & Associates
 Company: Conestoga Rivers & Associates
5900 Hallis Street, Ste A
Emeryville, CA E-Mail: mjonas@cracoworld.com
 Tele: (510) 420-3307 Fax: (510) 420-9170
 Project #: 521000 Project Name: John Nady
 Project Location: 1137-1157 65th St, Oakland, CA
 Sampler Signature: MusKam Environmental Sampling

Analysis Request

Other

Comments

BTX & TPH as Gas (002 / 001 + 0015) / MTBE
 TPH as Diesel (0015)
 Total Petroleum Oil & Grease (1064 / 5520 (E&B))
 Total Petroleum Hydrocarbons (418.1)
 EPA 502.2 / 601 / 6010 / 8021 (VOCs)
 MTBE / BTX ONLY (EPA 602 / 8021)
 EPA 505 / 608 / 2081 (CI Pesticides)
 EPA 608 / 8082 PCBs ONLY; Aroclors / Congeners
 EPA 507 / 8041 (NP Pesticides)
 EPA 515 / 8151 (A-Glcic Cl Herbicides)
 EPA 824.2 / 624 / 6260 (VOCs)
 EPA 555.3 / 435 / 5570 (SYDCs)
 EPA 3370 SIM / 8310 (PAHs / TNA)s
 CAN 17 Metals (300.7 / 300.8 / 6010 / 6010)
 LUFT 5 Metals (300.7 / 200.8 / 6010 / 6020)
 Lead (300.7 / 200.8 / 6010 / 6020)
 TPHs / SS & BTX 2015
 TPHs / MO 2015
 HVOCs 2010

Filter Samples for Metals analysis: Yes / No

SAMPLE ID	LOCATION Field Point Name	SAMPLING		# Containers	Type Containers	MATRIX							METHOD PRESERVED	Analysis Request	Other	Comments	
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL					HNO ₃
+ MW-1A		3-7-08	12:55	2	500 mL	X							X	X		X	
+ MW-1B			12:30	2	500 mL	X										X	
+ MW-2A			1:50	2	500 mL	X										X	
+ MW-3A			2:15	2	500 mL	X										X	
+ MW-4A			1:25	2	500 mL	X										X	
+ MW-5A			12:00	2	500 mL	X										X	
+ MW-6B			11:30	2	500 mL	X										X	
+ MW-6C			11:00	2	500 mL	X										X	
+ MW-7A			10:30	2	500 mL	X										X	

Relinquished By: [Signature] Date: 3/7/08 Time: 1543 Received By: [Signature]
 Relinquished By: _____ Date: _____ Time: _____ Received By: _____
 Relinquished By: _____ Date: _____ Time: _____ Received By: _____

ICE/F 500
 GOOD CONDITION
 HEAD SPACE ABSENT
 DECHLORINATED IN LAB
 APPROPRIATE CONTAINERS
 PRESERVED IN LAB
 PRESERVATION VOAS O&G METALS OTHER
 PH:2

08UB1603

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0803163

ClientCode: CETE

WriteOn

EDF

Excel

Fax

Email

HardCopy

ThirdParty

J-flag

Report to:

Mark Jonas
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: mjonas@CRAworld.com
TEL: (510) 420-0700 FAX: (510) 420-9170
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: 03/07/2008

Date Printed: 03/07/2008

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	
0803163-001	MW-1A	Water	3/7/2008 12:55	<input type="checkbox"/>	C	A	A	B									
0803163-002	MW-1B	Water	3/7/2008 12:30	<input type="checkbox"/>	A												
0803163-003	MW-2A	Water	3/7/2008 13:50	<input type="checkbox"/>		A		B									
0803163-004	MW-3A	Water	3/7/2008 14:15	<input type="checkbox"/>	C	A		B									
0803163-005	MW-4A	Water	3/7/2008 13:25	<input type="checkbox"/>		A		B									
0803163-006	MW-6A	Water	3/7/2008 12:00	<input type="checkbox"/>	C	A		B									
0803163-007	MW-6B	Water	3/7/2008 11:30	<input type="checkbox"/>	C	A		B									
0803163-008	MW-6C	Water	3/7/2008 11:00	<input type="checkbox"/>	A												
0803163-009	MW-7A	Water	3/7/2008 10:30	<input type="checkbox"/>	C	A		B									

Test Legend:

1 | 8010BMS_W
6 |
11 |

2 | G-MBTEX_W
7 |
12 |

3 | PREDF REPORT
8 |

4 | TPH(DMO)WSG_W
9 |

5 |
10 |

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.



Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**

Date and Time Received: **3/7/08 4:02:42 PM**

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

Checklist completed and reviewed by: **Melissa Valles**

WorkOrder N°: **0803163** 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: 5.4°C NA
- Water - VOA vials have zero headspace / no bubbles? Yes No No VOA vials submitted
- Sample labels checked for correct preservation? Yes No
- TTLc Metal - pH acceptable upon receipt (pH<2)? Yes No NA

Client contacted: _____ Date contacted: _____ Contacted by: _____

Comments: _____



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #521000; John Nady	Date Sampled: 03/07/08
		Date Received: 03/07/08
	Client Contact: Mark Jonas	Date Extracted: 03/10/08-03/11/08
	Client P.O.:	Date Analyzed 03/10/08-03/11/08

Gasoline (C6-C12) & Stoddard Solvent Range (C9-C12) Volatile Hydrocarbons with BTEX and MTBE*

Extraction Method: SW5030B

Analytical Method: SW8021B/8015Cm

Work Order: 0803163

Lab ID	0803163-001A	0803163-003A	0803163-004A	0803163-005A	Reporting Limit for DF =1	
Client ID	MW-1A	MW-2A	MW-3A	MW-4A		
Matrix	W	W	W	W		
DF	1	1	5	1		

Compound	Concentration				ug/kg	ug/L
	TPH(g)	2200	100	3200	ND	NA
TPH(ss)	1600	ND	2800	ND	NA	50
MTBE	---	---	---	---	NA	5.0
Benzene	ND	ND	ND<2.5	ND	NA	0.5
Toluene	ND	1.2	ND<2.5	1.0	NA	0.5
Ethylbenzene	2.3	ND	ND<2.5	ND	NA	0.5
Xylenes	8.9	ND	2.5	1.5	NA	0.5

Surrogate Recoveries (%)

%SS:	---#	107	85	103	
Comments	e	m	e,h		

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #521000; John Nady	Date Sampled: 03/07/08
		Date Received: 03/07/08
	Client Contact: Mark Jonas	Date Extracted: 03/10/08-03/11/08
	Client P.O.:	Date Analyzed 03/10/08-03/11/08

Gasoline (C6-C12) & Stoddard Solvent Range (C9-C12) Volatile Hydrocarbons with BTEX and MTBE*

Extraction Method: SW5030B

Analytical Method: SW8021B/8015Cm

Work Order: 0803163

Lab ID	0803163-006A	0803163-007A	0803163-009A		Reporting Limit for DF =1
Client ID	MW-6A	MW-6B	MW-7A		
Matrix	W	W	W		
DF	5	5	5		

Compound	Concentration			ug/kg	ug/L
	TPH(g)	4100	3100	3800	NA
TPH(ss)	3700	2700	3500	NA	50
MTBE	---	---	---	NA	5.0
Benzene	ND<2.5	ND<2.5	ND<2.5	NA	0.5
Toluene	ND<2.5	ND<2.5	ND<2.5	NA	0.5
Ethylbenzene	ND<2.5	ND<2.5	ND<2.5	NA	0.5
Xylenes	6.9	6.1	3.7	NA	0.5

Surrogate Recoveries (%)

%SS:	82	84	84		
Comments	e,h	e,h	e,h,i		

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #521000; John Nady	Date Sampled: 03/07/08
	Client Contact: Mark Jonas	Date Received: 03/07/08
	Client P.O.:	Date Extracted: 03/14/08-03/15/08
		Date Analyzed: 03/14/08-03/15/08

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0803163

Lab ID	0803163-001C	0803163-002A	0803163-004C	0803163-006C	Reporting Limit for DF =1	
Client ID	MW-1A	MW-1B	MW-3A	MW-6A	S	W
Matrix	W	W	W	W		
DF	1	1	2	1		

Compound	Concentration				µg/kg	µg/L
Bromodichloromethane	ND	ND	ND<1.0	ND	NA	0.5
Bromoform	ND	ND	ND<1.0	ND	NA	0.5
Bromomethane	ND	ND	ND<1.0	ND	NA	0.5
Carbon Tetrachloride	ND	ND	ND<1.0	ND	NA	0.5
Chlorobenzene	ND	ND	74	ND	NA	0.5
Chloroethane	ND	ND	ND<1.0	1.0	NA	0.5
2-Chloroethyl Vinyl Ether	ND	ND	ND<2.0	ND	NA	1.0
Chloroform	ND	ND	ND<1.0	ND	NA	0.5
Chloromethane	ND	ND	ND<1.0	ND	NA	0.5
Dibromochloromethane	ND	ND	ND<1.0	ND	NA	0.5
1,2-Dibromoethane (EDB)	ND	ND	ND<1.0	ND	NA	0.5
1,2-Dichlorobenzene	1.3	ND	19	2.4	NA	0.5
1,3-Dichlorobenzene	ND	ND	ND<1.0	ND	NA	0.5
1,4-Dichlorobenzene	ND	ND	6.1	ND	NA	0.5
Dichlorodifluoromethane	ND	ND	ND<1.0	ND	NA	0.5
1,1-Dichloroethane	1.7	8.8	ND<1.0	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	5.6	ND<1.0	ND	NA	0.5
1,1-Dichloroethene	ND	ND	ND<1.0	ND	NA	0.5
cis-1,2-Dichloroethene	13	7.5	ND<1.0	ND	NA	0.5
trans-1,2-Dichloroethene	1.2	ND	ND<1.0	ND	NA	0.5
1,2-Dichloropropane	ND	ND	ND<1.0	ND	NA	0.5
cis-1,3-Dichloropropene	ND	ND	ND<1.0	ND	NA	0.5
trans-1,3-Dichloropropene	ND	ND	ND<1.0	ND	NA	0.5
Freon 113	ND	ND	ND<20	ND	NA	10
Methylene chloride	ND	ND	ND<1.0	ND	NA	0.5
1,1,1,2-Tetrachloroethane	ND	ND	ND<1.0	ND	NA	0.5
1,1,2,2-Tetrachloroethane	17	ND	ND<1.0	9.5	NA	0.5
Tetrachloroethene	9.0	ND	ND<1.0	ND	NA	0.5
1,1,1-Trichloroethane	ND	ND	ND<1.0	ND	NA	0.5
1,1,2-Trichloroethane	ND	ND	ND<1.0	ND	NA	0.5
Trichloroethene	9.3	ND	ND<1.0	ND	NA	0.5
Trichlorofluoromethane	ND	ND	ND<1.0	ND	NA	0.5
Vinyl Chloride	1.7	ND	ND<1.0	ND	NA	0.5

Surrogate Recoveries (%)

%SS1:	103	108	106	109	
%SS2:	94	98	96	98	
%SS3:	94	102	93	100	
Comments			h	h	

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

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

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #521000; John Nady	Date Sampled: 03/07/08
	Client Contact: Mark Jonas	Date Received: 03/07/08
	Client P.O.:	Date Extracted: 03/14/08-03/15/08
		Date Analyzed 03/14/08-03/15/08

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0803163

Lab ID	0803163-007C	0803163-008A	0803163-009C	Reporting Limit for DF =1	
Client ID	MW-6B	MW-6C	MW-7A	S	W
Matrix	W	W	W		
DF	1	1	1		

Compound	Concentration			µg/kg	µg/L
Bromodichloromethane	ND	ND	ND	NA	0.5
Bromoform	ND	ND	ND	NA	0.5
Bromomethane	ND	ND	ND	NA	0.5
Carbon Tetrachloride	ND	ND	ND	NA	0.5
Chlorobenzene	ND	ND	ND	NA	0.5
Chloroethane	1.1	ND	ND	NA	0.5
2-Chloroethyl Vinyl Ether	ND	ND	ND	NA	1.0
Chloroform	ND	ND	ND	NA	0.5
Chloromethane	ND	ND	ND	NA	0.5
Dibromochloromethane	ND	ND	ND	NA	0.5
1,2-Dibromoethane (EDB)	ND	ND	ND	NA	0.5
1,2-Dichlorobenzene	1.2	ND	2.6	NA	0.5
1,3-Dichlorobenzene	ND	ND	ND	NA	0.5
1,4-Dichlorobenzene	ND	ND	ND	NA	0.5
Dichlorodifluoromethane	ND	ND	ND	NA	0.5
1,1-Dichloroethane	0.58	0.78	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	NA	0.5
1,1-Dichloroethene	ND	ND	ND	NA	0.5
cis-1,2-Dichloroethene	1.0	28	ND	NA	0.5
trans-1,2-Dichloroethene	ND	0.90	ND	NA	0.5
1,2-Dichloropropane	ND	ND	ND	NA	0.5
cis-1,3-Dichloropropene	ND	ND	ND	NA	0.5
trans-1,3-Dichloropropene	ND	ND	ND	NA	0.5
Freon 113	ND	ND	ND	NA	10
Methylene chloride	ND	ND	ND	NA	0.5
1,1,1,2-Tetrachloroethane	ND	ND	ND	NA	0.5
1,1,1,2,2-Tetrachloroethane	16	ND	ND	NA	0.5
Tetrachloroethene	ND	5.1	ND	NA	0.5
1,1,1-Trichloroethane	ND	ND	ND	NA	0.5
1,1,2-Trichloroethane	ND	ND	ND	NA	0.5
Trichloroethene	ND	5.5	ND	NA	0.5
Trichlorofluoromethane	ND	ND	ND	NA	0.5
Vinyl Chloride	ND	3.2	ND	NA	0.5

Surrogate Recoveries (%)

%SS1:	107	109	108	
%SS2:	95	98	97	
%SS3:	98	102	102	
Comments	h		h,i	

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

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

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

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #521000; John Nady	Date Sampled: 03/07/08
		Date Received: 03/07/08
	Client Contact: Mark Jonas	Date Extracted: 03/07/08
	Client P.O.:	Date Analyzed 03/08/08-03/16/08

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

Extraction method: SW3510C/3630C

Analytical methods: SW8015C

Work Order: 0803163

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0803163-001B	MW-1A	W	1700,n	ND	1	116
0803163-003B	MW-2A	W	90,d	ND	1	116
0803163-004B	MW-3A	W	26,000,n,h	1200	2	82
0803163-005B	MW-4A	W	71,b,f	ND	1	96
0803163-006B	MW-6A	W	6200,n,h	280	1	114
0803163-007B	MW-6B	W	27,000,n,h	1100	1	116
0803163-009B	MW-7A	W	56,000,n,h,i	1600	5	91

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 McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to matrix interference; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; p) see attached narrative.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0803163

Analyte	Extraction SW5030B		BatchID: 34246						Spiked Sample ID: N/A			
	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	N/A	10	N/A	N/A	N/A	101	105	4.12	N/A	N/A	70 - 130	30
1,2-Dibromoethane (EDB)	N/A	10	N/A	N/A	N/A	106	111	3.95	N/A	N/A	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	N/A	10	N/A	N/A	N/A	112	116	3.00	N/A	N/A	70 - 130	30
1,1-Dichloroethene	N/A	10	N/A	N/A	N/A	119	120	0.865	N/A	N/A	70 - 130	30
Trichloroethene	N/A	10	N/A	N/A	N/A	104	106	2.03	N/A	N/A	70 - 130	30
%SS1:	N/A	10	N/A	N/A	N/A	99	97	2.17	N/A	N/A	70 - 130	30
%SS2:	N/A	10	N/A	N/A	N/A	100	102	1.28	N/A	N/A	70 - 130	30
%SS3:	N/A	10	N/A	N/A	N/A	107	108	1.10	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 34246 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0803163-001C	03/07/08 12:55 PM	03/14/08	03/14/08 4:53 AM	0803163-002A	03/07/08 12:30 PM	03/14/08	03/14/08 5:38 AM
0803163-004C	03/07/08 2:15 PM	03/15/08	03/15/08 3:16 PM	0803163-006C	03/07/08 12:00 PM	03/14/08	03/14/08 7:05 AM
0803163-007C	03/07/08 11:30 AM	03/14/08	03/14/08 6:01 PM	0803163-008A	03/07/08 11:00 AM	03/14/08	03/14/08 6:45 PM
0803163-009C	03/07/08 10:30 AM	03/14/08	03/14/08 7:29 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.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0803163

EPA Method SW8015C		Extraction SW3510C/3630C				BatchID: 34228			Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	108	106	1.88	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	115	112	1.78	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 34228 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0803163-001B	03/07/08 12:55 PM	03/07/08	03/08/08 2:44 PM	0803163-003B	03/07/08 1:50 PM	03/07/08	03/08/08 3:51 PM
0803163-004B	03/07/08 2:15 PM	03/07/08	03/13/08 8:08 PM	0803163-005B	03/07/08 1:25 PM	03/07/08	03/13/08 6:57 PM
0803163-006B	03/07/08 12:00 PM	03/07/08	03/08/08 9:28 PM	0803163-007B	03/07/08 11:30 AM	03/07/08	03/08/08 10:35 PM
0803163-009B	03/07/08 10:30 AM	03/07/08	03/16/08 9:26 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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0803163

EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 34245			Spiked Sample ID: 0803170-007A				
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) ^f	ND	60	105	104	1.04	83.2	76.8	7.96	70 - 130	20	70 - 130	20
MTBE	ND	10	106	110	3.87	90.8	81.1	11.3	70 - 130	20	70 - 130	30
Benzene	ND	10	101	100	0.872	95.7	98.4	2.80	70 - 130	20	70 - 130	20
Toluene	ND	10	112	111	0.390	93.1	91.1	2.20	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	108	108	0	93.8	101	7.63	70 - 130	20	70 - 130	20
Xylenes	ND	30	117	118	0.647	87	97.1	11.0	70 - 130	20	70 - 130	20
%SS:	90	10	86	94	9.48	106	95	10.6	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 34245 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0803163-001A	03/07/08 12:55 PM	03/10/08	03/10/08 1:02 PM	0803163-003A	03/07/08 1:50 PM	03/10/08	03/10/08 1:32 PM
0803163-004A	03/07/08 2:15 PM	03/11/08	03/11/08 8:39 PM	0803163-005A	03/07/08 1:25 PM	03/10/08	03/10/08 2:32 PM
0803163-006A	03/07/08 12:00 PM	03/11/08	03/11/08 10:09 PM	0803163-007A	03/07/08 11:30 AM	03/11/08	03/11/08 10:39 PM
0803163-009A	03/07/08 10:30 AM	03/11/08	03/11/08 11:09 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 = 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.