



**CONESTOGA-ROVERS
& ASSOCIATES**

RECEIVED

1:10 pm, May 17, 2007

Alameda County
Environmental Health

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

May 15, 2007

Mr. Steven Plunkett
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

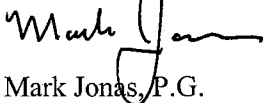
Re: **Groundwater Monitoring Report
First Quarter 2007**
Former Exxon Service Station
3055 35th Avenue, Oakland, California
Fuel Leak Case No. RO0000271
CRA Project No. 130105

Dear Mr. Plunkett:

On behalf of Golden Empire Properties, Inc., Conestoga-Rovers & Associates, Inc. (CRA) has prepared this *Groundwater Monitoring Report – First Quarter 2007*. Presented in the report are the first quarter 2007 activities and the anticipated second quarter 2007 activities.

If you have any questions or comments regarding this report, please call me at (510) 420-3307.

Sincerely,
Conestoga-Rovers & Associates, Inc.



Mark Jonas, P.G.
Senior Project Geologist

Attachments: *Groundwater Monitoring Report - First Quarter 2007*

cc: Golden Empire Properties, Inc. 5942 MacArthur Boulevard, Suite B, Oakland, California 94605
Mr. Jeffrey Lawson, SVLG, 25 Metro Drive, Suite 600, San Jose, California 95110

Equal
Employment
Opportunity Employer



GROUNDWATER MONITORING REPORT - FIRST QUARTER 2007

**Former Exxon Service Station
3055 35th Avenue, Oakland, California
Fuel Leak Case No. RO000271
CRA Project No. 130105**

May 15, 2007

Prepared for:
Golden Empire Properties, Inc.
5942 MacArthur Boulevard, Suite B
Oakland, California 94605

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

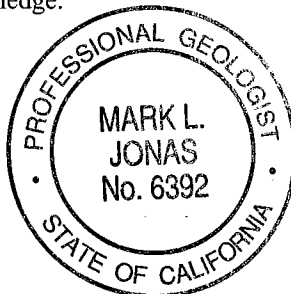
Written by:

Christina McClelland
Staff Geologist

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.

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

Mark Jonas, P.G.
Senior Project Geologist





GROUNDWATER MONITORING REPORT – FIRST QUARTER 2007

**Former Exxon Service Station
3055 35th Avenue, Oakland, California
Fuel Leak Case No. RO0000271
CRA Project No. 130105**

May 15, 2007

INTRODUCTION

On behalf of Golden Empire Properties, Inc., Conestoga-Rovers & Associates, Inc. (CRA) has prepared this *Groundwater Monitoring Report – First Quarter 2007* for the referenced site (see Figure 1). Presented in the report are the first quarter 2007 groundwater monitoring and corrective action activities and the anticipated second quarter 2007 activities.

Figure 1 is a vicinity map. Figure 1 presents recent monitoring groundwater elevations and selected hydrocarbon data. Table 1 is well construction details. Table 2 provides recent and historic groundwater level measurements and elevations, and hydrocarbon data. Appendix A contains field data sheets for this monitoring event. Appendix B is the recent laboratory analytical report. Appendix C is time-series plots with benzene and total petroleum hydrocarbons as gasoline (TPHg) concentrations, and groundwater elevations.

FIRST QUARTER 2007 ACTIVITIES

Monitoring Activities

Field Activities: On March 16, 2007, CRA subcontracted Muskan Environmental Sampling (MES) to perform quarterly monitoring activities. MES gauged and inspected for separate-phase hydrocarbons (SPH) in all monitoring wells (Figure 2). Groundwater samples were collected from wells MW-1 through MW-4, RW-5, and RW-9. Groundwater monitoring field data sheets are presented in Appendix A. The monitoring data was submitted to the GeoTracker database.

Prior to groundwater sampling, groundwater levels were measured in all monitoring wells. Each monitoring well was then purged before sampling. MES purged at least three well-casing volumes of groundwater from each monitoring well. Field measurements of pH, conductivity, and temperature of purged groundwater were measured after the extraction of each successive casing volume. Well purging continued until consecutive pH, specific conductance, and temperature measurements appeared to stabilize. Field measurements, purge volumes, and sample collection data were recorded on field sampling data forms, presented in Appendix A.



Groundwater samples were collected using new disposable bailers, decanted into appropriate sampling containers supplied by the analytical laboratory. Samples were labeled, placed in protective foam sleeves, stored on crushed, water-based ice at or below 4 degrees Celsius and transported under a chain-of-custody (COC) to the laboratory. The COC used for this monitoring event is provided in Appendix B.

Sample Analyses: Groundwater samples were analyzed for TPHg and total petroleum hydrocarbons as diesel (TPHd) with silica gel clean-up by modified EPA Method SW8015C; and for benzene, toluene, ethylbenzene and xylenes (BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method SW8021B. Groundwater samples were also collected for field measurement of dissolved oxygen (DO) from each of the sampled wells. DO was recorded on field data sheets provided in Appendix A. The laboratory analytical report is presented as Appendix B. The analytical data has been submitted to the GeoTracker database.

Monitoring Results

Groundwater Flow Direction: Based on depth to water measurements collected during MES's March 16, 2007 site visit, groundwater beneath the site flows towards the west with a gradient of 0.011 ft/ft (Figure 2). The groundwater gradient is generally consistent with historical static groundwater conditions. Groundwater monitoring data is presented in Table 2.

Hydrocarbon Distribution in Groundwater: Hydrocarbon concentrations were detected in all six sampled wells. TPHg concentrations ranged from 2,400 micrograms per liter ($\mu\text{g/L}$) to 72,000 $\mu\text{g/L}$, with the highest concentration detected in well MW-3. Benzene concentrations ranged from 180 $\mu\text{g/L}$ to 6,500 $\mu\text{g/L}$, with the highest concentration detected in well MW-3. TPHd concentrations ranged from 1,200 $\mu\text{g/L}$ to 49,000 $\mu\text{g/L}$, with the highest concentration detected in well MW-2. No MTBE was detected above laboratory detection limits. Hydrocarbon concentrations are slightly higher than previous monitoring events (see Appendix C for individual well concentration trend graphs). Analytical results are summarized in Table 2 and shown on Figure 2.

Corrective Action Activities

No corrective action activities took place during the first quarter 2007.

ANTICIPATED SECOND QUARTER 2007 ACTIVITIES

Monitoring Activities

During the second quarter 2007, CRA will coordinate with MES to gauge the site wells, check the wells for SPH, and collect groundwater samples from monitoring wells MW-1 through MW-4, RW-5, and RW-9. All sampled wells will be field measured for DO. Groundwater samples will be analyzed for TPHg and TPHd with silica gel clean-up by Modified EPA Method SW8015C; and for BTEX and MTBE by EPA



Method SW8021B. CRA will summarize groundwater monitoring activities and results in the *Groundwater Monitoring Report – Second Quarter 2007*.

Offsite and Onsite Characterization

In the second quarter 2007 CRA will implement the approved January 12, 2007 *Offsite and Soil Gas Workplan*. Offsite characterization is based on acquiring approved access agreements.

ATTACHMENTS

Figure 1 – Vicinity Map

Figure 2 – Groundwater Elevation and Hydrocarbon Concentration Map – March 16, 2007

Table 1 – Well Construction Details

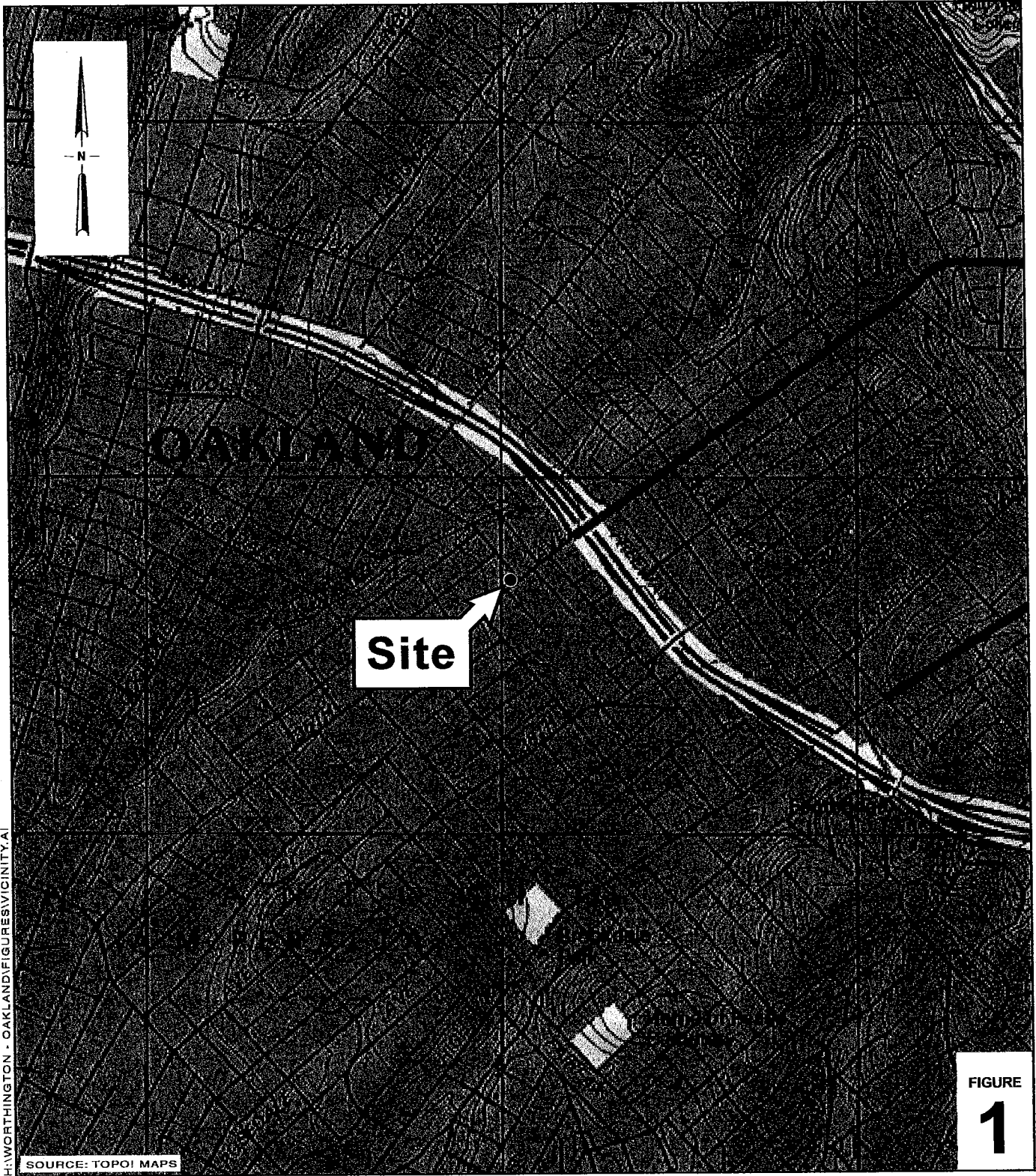
Table 2 – Groundwater Elevations and Analytical Data

Appendix A – Groundwater Monitoring Field Data Sheets

Appendix B – Analytical Results for Groundwater Sampling

Appendix C – TPHg and Benzene Concentration Trend Graphs

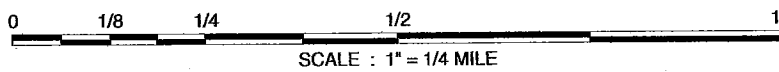
I:\R\Golden Empire Properties\QM\2007\1Q07\QMR 1Q07 Golden Empire Properties 130105.doc



H:\WORTHINGTON - OAKLAND\FIGURES\VICINITY.A1

SOURCE: TOPOI MAPS

FIGURE
1



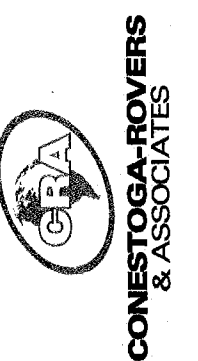
Former Exxon Station

3035 35th Avenue
Oakland, California



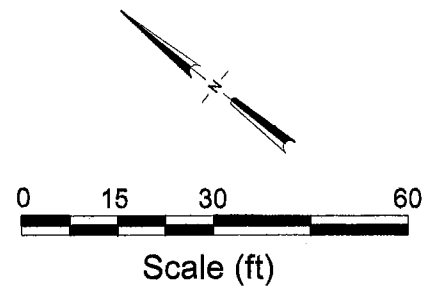
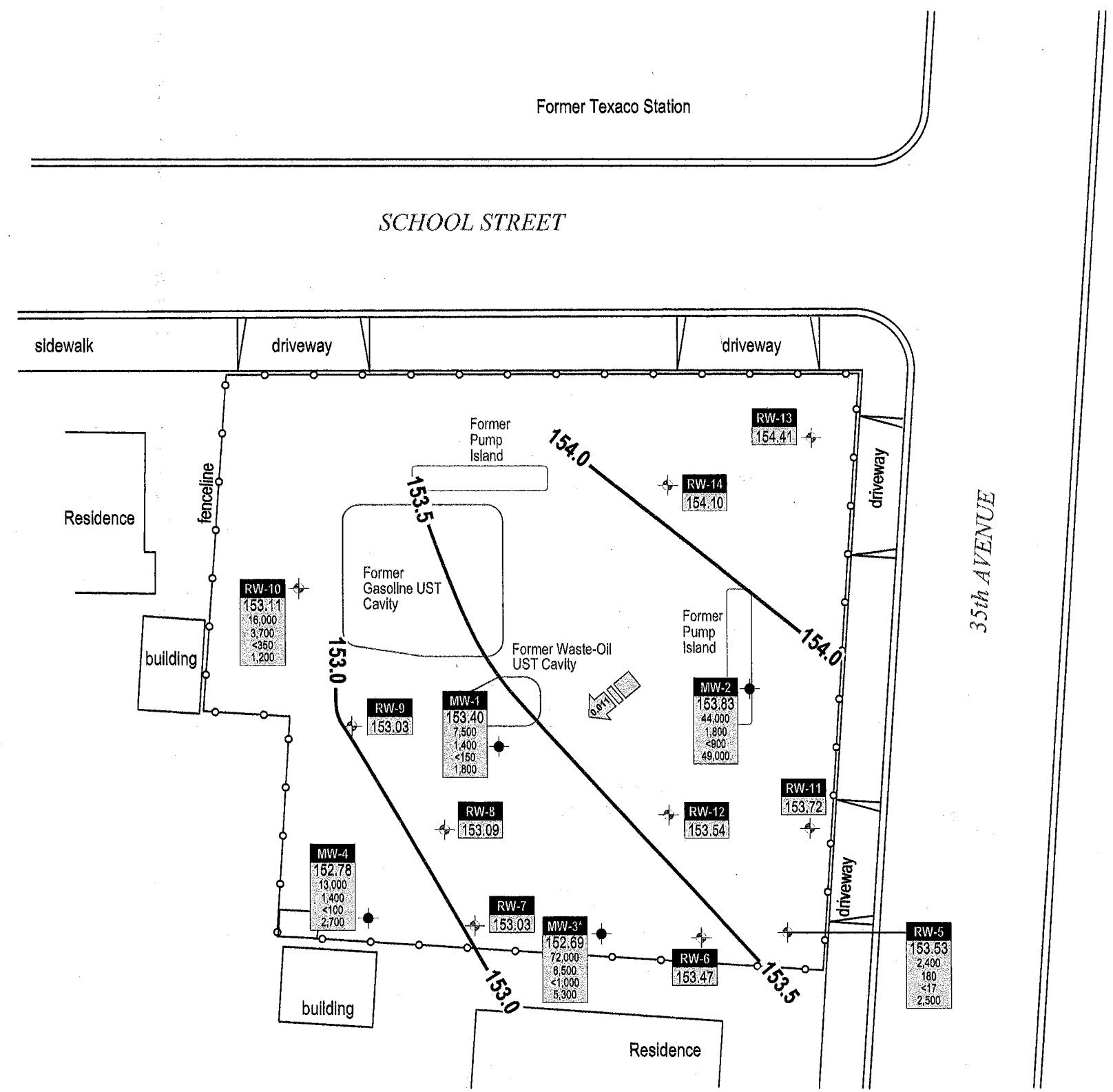
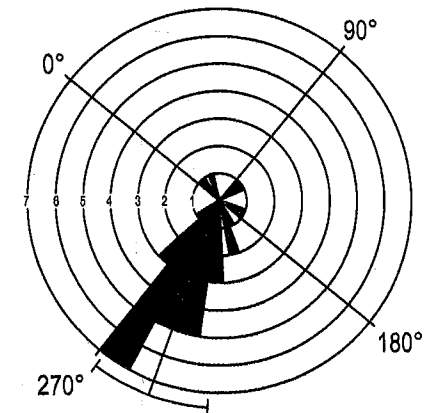
**CONESTOGA-ROVERS
& ASSOCIATES**

Vicinity Map



EXPLANATION

- MW-1 ● Monitoring well location
- RW-6 ✦ Remediation well location
- 148.00 Groundwater elevation contour, in feet above mean sea level (msl), dashed where inferred
- ←xxx| Groundwater flow direction and gradient
- Well ID
ELEV Groundwater elevation (msl)
TPHg Hydrocarbon concentrations in groundwater, in micrograms per liter (µg/L)
Benzene
MTBE
TPHd
- * Groundwater elevation anomalous, not used in contouring



Source: Virgil Chavez Land Surveying

FIGURE 2

H:\WORK\HINGTON\FIGURES\2007\1007_GWPHC.DWG

Conestoga-Rovers & Associates

Table 1. Well Construction Details - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date Installed	Borehole Depth (ft)	Borehole Diameter (in)	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)
MW-1	May 9, 1994	26.5	NA	4	10 - 25	0.010	9.5 - 25	7.5 - 9.5	0 - 7.5	167.02
MW-2	May 9, 1994	26.5	NA	4	10 - 25	0.010	9.5 - 25	7.5 - 8.5	0 - 7.5	166.14
MW-3	May 9, 1994	26.5	NA	2	10 - 25	0.010	9 - 25	7 - 9 25 - 26.5	0 - 7	162.94
MW-4	Feb. 26, 1997	30.0	NA	2	10 - 30	0.010	8 - 30	7 - 8	0 - 7	163.49
RW-5	Aug. 5, 1998	25.7	NA	4	5 - 25.5	0.010 (?)	4.5 - 25.7	2.5 - 4.5	0 - 2.5	162.34
RW-6	Aug. 5, 1998	25.5	NA	4	5 - 25.5	0.010 (?)	5 - 25.5	2.5 - 5	0 - 2.5	162.36
RW-7	Aug. 5, 1998	29.5	NA	4	5 - 29.5	0.010 (?)	5 - 29.5	3 - 5	0 - 3	162.72
RW-8	Aug. 5, 1998	29.5	NA	4	5 - 29.5	0.010 (?)	5 - 29.5	3 - 5	0 - 3	164.13
RW-9	Aug. 6, 1998	25.0	NA	4	5 - 25	0.010 (?)	5 - 25	3 - 5	0 - 3	163.86
RW-10	Aug. 6, 1998	25.0	NA	4	5 - 25	0.010 (?)	5 - 25	3 - 5	0 - 3	163.02
RW-11	Aug. 6, 1998	25.0	NA	4	5 - 25	0.010 (?)	5 - 25	3 - 5	0 - 3	162.57
RW-12	Aug. 6, 1998	27.0	NA	4	5 - 27	0.010 (?)	5 - 27	3 - 5	0 - 3	163.06
RW-13	Aug. 6, 1998	25.0	NA	4	5 - 25	0.010 (?)	5 - 25	3 - 5	0 - 3	164.34
RW-14	Aug. 6, 1998	25.0	NA	4	5 - 25	0.010 (?)	5 - 25	3 - 5	0 - 3	163.76

Abbreviations / Notes

ft = feet

in = inches

ft bgs = feet below grade surface

ft msl = feet above mean sea level

TOC = top of casing

NA = Not Available

Conestoga-Rovers & Associates

Table 2. Groundwater Elevations and Analytical Data - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date	GW	SPH	GW	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	TPE System
TOC		Depth (ft)	(ft)	Elev. (ft)	Concentrations in micrograms per liter (µg/L)								(mg/L)	Status
MW-1	5/25/1994	16.79	Sheen	84.06	120,000	25,000	<50,000	22,000	17,000	2,800	16,000	---	---	
100.85	7/19/1994	20.77	---	80.08	---	---	---	---	---	---	---	---	---	
	8/18/1994	21.04	Sheen	79.81	925,000	---	---	16,500	6,200	1,000	9,400	---	---	
	11/11/1994	15.80	---	85.05	57,000	---	---	14,000	4,400	1,400	6,400	---	---	
	2/27/1995	15.53	---	85.32	45,000	---	---	2,900	2,500	760	4,100	---	---	
	5/23/1995	15.29	---	85.56	22,000	---	---	9,900	990	790	2,000	---	---	
	8/22/1995	20.90	---	79.95	23,000	---	---	6,900	340	1,200	1,900	---	---	
	11/29/1995	22.19	---	78.66	37,000	---	---	9,900	530	1,600	2,900	---	---	
	2/21/1996	11.69	---	89.16	33,000	4,300	---	10,000	480	1,000	1,800	3,300	---	
	5/21/1996	14.62	---	86.23	36,000	8,500	---	8,500	1,400	1,300	2,800	1,900	---	
	8/22/1996	22.30	---	78.55	41,000	6,200	---	8,600	1,300	1,500	2,900	<200	8.0	
	11/27/1996	17.24	Sheen	83.61	38,000	6,100	---	9,600	950	1,600	3,100	<400	5.6	
	3/20/1997	16.65	---	84.20	33,000	10,000	---	6,100	560	970	2,200	<400	8.5	
	6/25/1997	19.77	---	81.08	31,000	7,400 ^a	---	7,400	440	890	1,800	<400	3.7	
	9/17/1997	20.12	---	80.73	32,000 ^d	3,500 ^c	---	9,100	550	1,000	2,000	<1,000	2.1	
	12/22/1997	12.95	---	87.90	26,000 ^d	5,800 ^e	---	7,900	370	920	1,500	<790	0.7	
	3/18/1998	12.34	Sheen	88.51	30,000 ^d	4,200 ^{e,f}	---	7,800	820	840	2,000	<1,100	1.3	
	7/14/1998	17.34	---	83.51	41,000 ^d	8,900 ^{e,f}	---	8,200	1,100	1,200	3,000	<200	1.8	
	9/30/1998	19.90	---	80.95	37,000	3,300	---	11,000	950	1,200	2,800	<20	2.0	
	12/8/1998	15.62	---	85.23	22,000	3,700	---	3,000	1,200	730	3,100	<900	---	
	3/29/1999	11.98	---	88.87	36,000 ^d	6,800 ^e	---	12,000	750	1,300	2,400	950	0.50	
	6/29/1999	20.77	---	80.08	28,000 ^d	3,500 ^e	---	7,300	420	810	1,700	<1,300	0.10	
	9/28/1999	19.68	---	81.17	13,000 ^d	3,600 ^{e,f}	---	3,200	130	320	1,100	<210	0.55	
	12/10/1999	17.02	---	83.83	25,000 ^d	2,900 ^{e,f}	---	5,400	130	620	1,400	<1,000	1.03	
	3/23/2000	12.76	---	88.09	21,000 ^d	3,300 ^f	---	4,700	140	470	1,100	<350	---	
	9/7/2000	19.45	---	81.40	40,000 ^{d,g}	12,000 ^{e,g}	---	3,700	1,400	910	4,900	<50	0.17	
	12/5/2000	18.60	---	82.25	26,000 ^a	3,400 ^c	---	7,900	150	580	810	<300	0.35	Not operating
	3/7/2001	16.19	---	84.66	13,000	2,400	---	2,700	43	69	300	<100	0.49	Not operating
	6/6/2001	18.47	---	82.38	19,000	4,000	---	4,500	130	270	430	<400	0.39	Not operating
	8/30/2001	21.70	---	79.15	8,800 ^a	1,400 ^d	---	2,100	45	91	240	<130	0.27	Operating
	12/7/2001	26.55	---	74.30	8,700 ^d	1,900 ^{e,f}	---	1,300	160	38	730	<20	0.59	Operating
	3/11/2002	17.13	---	83.72	9,400 ^d	1,400 ^e	---	2,100	200	74	470	<20	0.39	Operating
	6/10/2002	24.10	---	76.75	4,200 ^d	900 ^{e,k}	---	830	170	110	460	<100	---	Operating
	9/26/2002	20.30	---	80.55	7,000 ^d	1,300 ^{e,f,k}	---	1,300	190	200	760	<100	0.70	Operating
	11/21/2002	21.55	---	79.30	83,000 ^{d,g}	200,000 ^{e,g}	---	7,100	1,700	3,000	13,000	<1,000	0.49	Operating

Conestoga-Rovers & Associates

Table 2. Groundwater Elevations and Analytical Data - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date	GW	SPH	GW	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	TPE System
TOC		Depth (ft)	(ft)	Elev. (ft)	Concentrations in micrograms per liter (µg/L)								(mg/L)	Status
MW-1	1/13/2003	14.80	---	86.05	20,000 ^d	5,300 ^{e,f}	---	2,300	480	300	2,100	<500	0.33	Not operating
Continued	4/25/2003	20.90	---	79.95	4,200 ^d	320 ^e	---	580	81	59	470	<50	---	Operating
	5/30/2003	16.65	---	84.20	---	---	---	---	---	---	---	---	---	Not operating
	9/3/2003	24.16	---	76.69	14,000 ^d	36,000 ^{e,f}	---	300	50	33	480	<50	---	Operating
	12/2/2003	24.12	---	76.73	7,100 ^{d,g}	9,300 ^{e,f,g}	---	1,400	230	160	820	<100	---	Operating
167.02	3/18/2004	17.70	---	83.15	3,600 ^d	1,100 ^{e,f}	---	650	59	38	370	<90	---	Operating
(Monument	6/16/2004	19.20	---	147.82	8,100 ^d	2,300 ^{e,f}	---	1,500	69	22	1,000	<100	---	Not operating
Well box)	9/27/2004	23.07	---	143.95	7,800 ^d	1,700 ^e	---	1,800	110	120	670	<180	0.28	Not operating
	12/27/2004	17.04	---	149.98	10,000 ^d	1,400 ^e	---	2,400	170	170	1,500	<120	0.41	Not operating
	3/7/2005	10.73	---	156.29	8,700 ^d	1,300 ^{e,f,k}	---	1,200	99	140	770	<500	0.91	Not operating
	6/21/2005	14.60	---	152.42	6,500 ^d	930 ^{e,k}	---	820	26	57	110	<250	---	Not operating
	9/21/2005	19.64	---	147.38	2,900 ^d	860 ^{e,k,f}	---	430	19	46	150	<50	1.14	Not operating
	12/14/2005	17.63	---	149.39	6,200 ^d	4,000 ^{e,f,k}	---	570	32	72	420	<110	1.08	Not operating
	3/22/2006	10.52	---	156.50	8,300 ^d	1,100 ^{e,f,k}	---	1,700	100	190	660	<150	0.84	Not operating
	6/30/2006	16.33	Sheen	150.69	2,100 ^{d,l}	1,500 ^{m,k,l}	---	320	6.1	<1.0	77	<90	0.66	Not operating
	9/5/2006	19.96	---	147.06	5,500 ^{d,g}	1,500 ^{e,f,k,g}	---	1,000	45	81	310	<120	0.38	Not operating
	12/6/2006	19.92	---	147.10	4,500 ^{d,g}	760 ^{e,g}	---	440	13	42	190	<60	0.55	Not operating
	3/16/2007	13.62	---	153.40	7,500^d	1,800^{e,f}	---	1,400	30	100	270	<150	0.58	Not Operating
MW-2	5/25/1994	15.65	---	84.35	61,000	6,900	<5,000	9,900	7,400	960	4,600	---	---	---
100.00	7/19/1994	19.81	---	80.19	---	---	---	---	---	---	---	---	---	---
	8/18/1994	20.37	---	79.63	88,000	---	---	10,750	10,500	1,850	9,600	---	---	---
	11/11/94	15.52	---	84.48	54,000	---	---	5,900	6,700	1,300	7,500	---	---	---
	2/27/1995	14.46	Sheen	85.54	44,000	---	---	5,100	5,300	930	6,400	---	---	---
	5/23/1995	14.17	---	85.83	33,000	---	---	8,200	5,600	900	6,600	---	---	---
	8/22/1995	19.80	---	80.20	38,000	---	---	6,400	5,000	1,100	5,600	---	---	---
	11/29/95	21.05	---	78.95	46,000	---	---	7,100	5,300	1,300	6,000	---	---	---
	2/21/1996	10.53	---	89.47	59,000	---	---	8,000	6,000	1,800	8,900	4,500	---	---
	5/21/1996	13.47	---	86.53	51,000	3,400	---	8,200	5,200	1,300	6,600	2,400	---	---
	8/22/1996	19.12	---	80.88	37,000	5,700	---	5,100	3,500	960	4,500	<200	3.0	---
	11/27/1996	16.61	Sheen	83.39	54,000	10,000	---	9,800	7,000	1,800	7,900	<2,000	3.1	---
	3/20/1997	15.39	---	84.61	27,000	6,100	---	3,700	2,300	580	2,800	<400	8.1	---
	6/25/1997	18.62	---	81.38	42,000	7,800 ^b	---	7,400	3,800	1,200	5,700	<200	0.9	---
	9/17/1997	19.05	Sheen	80.95	41,000 ^d	8,900 ^e	---	5,200	3,400	1,300	5,900	<700	1.2	---
	12/22/1997	14.09	---	85.91	47,000 ^d	6,100 ^e	---	8,500	4,600	1,800	8,400	<1,200	1.2	---

Conestoga-Rovers & Associates

Table 2. Groundwater Elevations and Analytical Data - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date	GW	SPH	GW	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	TPE System
<i>TOC</i>		Depth (ft)	(ft)	Elev. (ft)	Concentrations in micrograms per liter (µg/L)								(mg/L)	Status
<i>MW-2</i>	3/18/1998	10.83	Sheen	89.17	58,000 ^d	7,000 ^{e,f}	---	9,300	6,100	1,800	8,200	<1,100	1.1	
<i>Continued</i>	7/14/1998	16.07	---	83.93	42,000 ^d	5,300 ^{e,f}	---	6,000	3,000	1,000	4,800	<200	1.5	
	9/30/1998	18.71	---	81.29	22,000	2,400	---	3,600	1,300	720	3,200	<30	1.8	
	12/8/1998	14.80	---	85.20	32,000	3,100	---	9,200	680	1,100	2,300	<2,000	---	
	3/29/1999	11.81	---	88.19	28,000 ^d	7,500 ^{e,f}	---	4,400	1,600	950	4,100	410	1.86	
	6/29/1999	19.54	---	80.46	28,000 ^d	3,300 ^e	---	3,500	1,100	690	3,100	<1,000	0.41	
	9/28/1999	18.61	---	81.39	15,000 ^d	3,400 ^{e,f}	---	1,200	540	230	2,300	<36	1.18	
	12/10/1999	16.53	---	83.47	17,000 ^d	2,500 ^{e,f}	---	1,300	780	420	2,700	<40	0.17	
	3/23/2000	13.56	---	86.44	25,000 ^d	3,100 ⁱ	---	1,900	1,100	660	3,700	<500	---	
	9/7/2000	18.25	---	81.75	62,000 ^{d,g}	32,000 ^{e,g}	---	5,300	2,300	1,500	8,400	<100	0.39	
	12/5/2000	17.45	---	82.55	60,000 ^{d,g}	87,000 ^{e,f,g}	---	5,100	2,200	1,600	9,000	<200	0.31	Not operating
	3/7/2001	15.68	---	84.32	34,000	3,900	---	1,200	770	620	4,300	<200	0.44	Not operating
	6/6/2001	17.51	---	82.49	110,000	48,000	---	14,000	9,000	1,900	12,000	<950	0.24	Not operating
	8/30/2001	21.00	---	79.00	43,000 ^{d,h}	15,000 ^{d,h}	---	3,100	720	980	5,500	<200	---	Operating
	12/7/2001	24.45	---	75.55	4,100 ^d	750 ^{e,f}	---	510	88	8.2	580	<20	0.47	Operating
	3/11/2002	16.95	---	83.05	4,700 ^d	590 ^e	---	1,200	150	30	310	<50	0.24	Operating
	6/10/2002	18.59	---	81.41	14,000 ^d	2,000 ^e	---	2,600	710	150	2,000	<800	---	Operating
	9/26/2002	20.39	---	79.61	4,800 ^d	660 ^e	---	770	200	140	740	<50	0.29	Operating
	11/21/2002	18.75	---	81.25	210,000 ^{d,g}	350,000 ^{e,g}	---	14,000	23,000	4,400	28,000	<1,700	0.43	Operating
	1/13/2003	13.60	---	86.40	32,000 ^{d,g}	14,000 ^{e,f,g,k}	---	4,500	1,600	920	3,600	<1000	0.39	Not operating
	4/25/2003	19.05	---	80.95	3,800 ^d	310 ^e	---	460	78	72	410	310	---	Operating
	5/30/2003	15.23	---	84.77	---	---	---	---	---	---	---	---	---	Not operating
	9/3/2003	23.57	---	76.43	2,900 ^d	2,300 ^e	---	240	57	68	380	770	---	Operating
	12/2/2003	23.17	---	76.83	2,400 ^{d,g}	3,300 ^{e,f,g}	---	91	20	14	250	890	---	Operating
	3/18/2004	15.78	---	84.22	4,200 ^d	870 ^{e,f}	---	730	89	<5.0	480	2,300	---	Operating
<i>166.14</i>	6/16/2004	18.15	---	147.99	15,000 ^d	9,800 ^{e,f}	---	800	210	290	1,800	2,000	---	Not operating
<i>(Monument</i>	9/27/2004	27.55**	---	138.59	770 ^d	1,000 ^{e,f,k}	---	20	7.9	10	140	1,600	0.79	Operating
<i>Well box)</i>	12/27/2004	16.81	---	149.33	17,000 ^d	3,800 ^{e,f}	---	1,300	370	540	3,800	620	0.94	Not operating
	3/7/2005	9.31	Sheen	156.83	20,000 ^{d,g}	8,300 ^{e,f,k,g}	---	1,400	330	430	2,600	1,100	0.88	Not operating
	6/21/2005	13.42	---	152.72	36,000 ^{d,g}	15,000 ^{e,f,g}	---	1,700	310	460	3,100	1,200	---	Not operating
	9/21/2005	18.50	---	147.64	4,600 ^d	1,100 ^{e,f}	---	370	62	110	740	1,100	0.86	Not operating
	12/14/2005	16.40	---	149.74	29,000 ^{d,g}	49,000 ^{e,f,k,g}	---	1,700	260	600	3,700	1,000	0.99	Not operating
	3/22/2006	9.15	---	156.99	21,000 ^{d,g}	23,000 ^{e,f,k,g}	---	2,300	200	550	2,800	1,200	0.91	Not operating
	6/30/2006	16.78	Sheen	149.36	18,000 ^{d,g}	55,000 ^{e,f,k,g}	---	1,100	71	270	1,400	1,200	0.84	Not operating
	9/5/2006	18.96	---	147.18	15,000 ^{d,g}	19,000 ^{e,f,k,g}	---	680	70	260	1,400	<1,000	0.79	Not operating

Conestoga-Rovers & Associates

Table 2. Groundwater Elevations and Analytical Data - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date	GW	SPH	GW	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	TPE System
<i>TOC</i>		Depth (ft)	(ft)	Elev. (ft)	Concentrations in micrograms per liter (µg/L)								(mg/L)	Status
<i>MW-2</i>	12/6/2006	18.01	Sheen	148.13	27,000 ^{d,g}	31,000 ^{e,f,k,g}	---	1,100	51	420	1,600	<900	0.48	Not operating
<i>Continued</i>	3/16/2007	12.31	Sheen	153.83	44,000^{d,g}	49,000^{e,f,k,g}	---	1,800	71	670	2,200	<900	0.52	Not operating
MW-3	5/25/1994	13.93	Sheen	82.94	56,000	14,000	<50,000	14,000	14,000	1,300	11,000	---	---	
96.87	7/19/1994	17.04	---	79.83	---	---	---	---	---	---	---	---	---	
	8/18/1994	17.75	---	79.12	116,000	---	---	28,300	26,000	2,400	15,000	---	---	
	11/11/94	17.80	---	79.07	89,000	---	---	1,600	1,900	1,900	14,000	---	---	
	2/27/1995	11.86	Sheen	85.01	250,000	---	---	22,000	26,000	7,800	21,000	---	---	
	5/23/1995	11.60	Sheen	85.27	310,000	---	---	18,000	17,000	4,500	2,800	---	---	
	8/22/1995	17.10	---	79.77	74,000	---	---	14,000	13,000	1,900	11,000	---	---	
	11/29/1995	16.34	---	80.53	220,000	---	---	25,000	25,000	3,500	19,000	---	---	
	2/21/1996	7.92	---	88.95	60,000	---	---	10,000	7,800	1,500	8,800	3,400	---	
	5/21/1996	10.86	Sheen	86.01	69,000	13,000	---	17,000	9,400	1,700	9,400	2,600	---	
	8/22/1996	16.50	---	80.37	94,000	16,000	---	17,000	15,000	2,100	12,000	330	2.0	
	11/27/1996	13.47	Sheen	83.40	82,000	24,000	---	14,000	13,000	2,400	13,000	<1,000	2.4	
	3/20/1997	12.86	---	84.01	56,000	11,000	---	9,900	6,900	1,300	8,000	3,500	9.0	
	6/25/1997	15.98	---	80.89	49,000	7,700 ^b	---	9,700	7,100	1,300	7,000	220	5.8	
	9/17/1997	16.34	Sheen	80.53	78,000 ^d	15,000 ^e	---	11,000	9,900	1,800	10,000	<1,200	0.7	
	12/22/1997	10.71	Sheen	86.16	49,000 ^d	14,000 ^e	---	7,300	5,300	1,400	7,500	<1,100	3.1	
	3/18/1998	8.41	Sheen	88.46	120,000 ^d	20,000 ^{e,f}	---	21,000	19,000	2,600	15,000	<1,600	1.6	
	7/14/1998	13.51	---	83.36	94,000 ^{d,g}	65,000 ^{e,f,g}	---	18,000	14,000	1,900	11,000	<1,400	1.8	
	9/30/1998	16.14	---	80.73	91,000	9,800	---	17,000	13,000	2,100	12,000	<1300	2.0	
	12/8/1998	11.20	---	85.67	51,000	4,200	---	8,000	6,800	1,400	7,500	<1,100	---	
	3/29/1999	7.95	---	88.92	39,000 ^d	4,600 ^e	---	8,900	4,400	940	4,500	810	0.56	
	6/29/1999	16.98	---	79.89	71,000 ^d	6,900 ^e	---	12,000	7,300	1,400	8,400	<1,700	0.19	
	9/28/1999	15.99	---	80.88	60,000 ^d	7,800 ^e	---	9,400	9,200	1,000	9,900	200	0.53	
	12/10/1999	13.31	---	83.56	53,000 ^d	5,300 ^{e,f}	---	8,000	6,400	1,100	8,100	<200	0.48	
	3/23/2000	8.98	---	87.89	77,000 ^{d,g}	11,000 ^{e,j}	---	10,000	9,400	1,600	11,000	<430	---	
	9/7/2000	15.61	---	81.26	100,000 ^{d,g}	19,000 ^{e,f,g}	---	17,000	12,000	1,600	11,000	<500	---	
	12/5/2000	14.80	---	82.07	110,000 ^{d,g}	17,000 ^{e,g}	---	17,000	11,000	1,900	12,000	<750	0.37	Not operating
	3/7/2001	14.27	---	82.60	60,000	13,000	---	7,000	4,600	900	7,100	<350	0.49	Not operating
	6/6/2001	14.88	---	81.99	43,000	12,000	---	3,000	1,000	770	5,200	<400	1.71	Not operating
	8/30/2001	12.43	---	84.44	95,000 ^{a,h}	190,000 ^{d,h}	---	6,900	10,000	2,700	15,000	<250	0.24	Operating
	12/7/2001	24.65	---	72.22	25,000 ^d	3,900 ^{e,f}	---	2,500	1,700	64	2,200	<200	0.19	Operating
	3/11/2002	14.69	---	82.18	30,000 ^d	2,800 ^{f,e,k}	---	5,000	2,400	190	1,800	<1,300	0.30	Operating

Conestoga-Rovers & Associates

Table 2. Groundwater Elevations and Analytical Data - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date	GW	SPH	GW	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	TPE System
<i>TOC</i>		Depth (ft)	(ft)	Elev. (ft)	Concentrations in micrograms per liter (µg/L)								(mg/L)	Status
<i>MW-3</i>	6/10/2002	22.94	---	73.93	9,000 ^d	990 ^{e,k}	---	1,800	1,300	96	1,000	<300	---	Operating
<i>Continued</i>	9/26/2002	18.85	---	78.02	50,000 ^{d,g}	130,000 ^{e,g}	---	3,900	5,400	820	6,600	<500	0.19	Operating
	11/21/2002	17.85	0.05	79.06	37,000 ^{d,g}	120,000 ^{e,g}	---	4,000	660	1,200	5,100	<1,700	0.28	Operating
	1/13/2003	11.43	---	85.44	21,000 ^{d,g}	6,300 ^{e,f,g,k}	---	2,400	2,300	390	3,000	<500	0.31	Not operating
	4/25/2003	18.30	---	78.57	12,000 ^d	1,200 ^c	---	1,800	850	150	1,200	<500	---	Operating
	5/30/2003	13.30	---	83.57	---	---	---	---	---	---	---	---	---	Not operating
	9/3/2003	21.65	---	75.22	8,100 ^d	3,300 ^c	---	220	170	66	560	<50	---	Operating
	12/2/2003	17.70	---	79.17	30,000 ^{d,g}	8,400 ^{e,f,g}	---	2,900	2,100	530	3,600	<500	---	Operating
	3/18/2004	16.49	---	80.38	15,000 ^d	2,300 ^{e,f}	---	2,600	990	260	1,700	<300	---	Operating
<i>162.94</i>	6/16/2004	15.40	---	147.54	23,000 ^d	8,800 ^{e,f}	---	2,100	1,300	360	2,800	<1,000	---	Operating
	9/27/2004	23.65	---	139.29	5,200 ^d	1,700 ^{e,f}	---	430	220	100	680	250	0.55	Operating
	12/27/2004	14.58	---	148.36	32,000 ^{d,g}	24,000 ^{e,f,g,k}	---	4,400	2,800	650	4,800	<250	0.71	Not operating
	3/7/2005	6.91	Sheen	156.03	50,000 ^{d,g}	14,000 ^{e,f,g}	---	6,100	2,100	1,300	7,400	<500	0.62	Not operating
	6/21/2005	10.79	---	152.15	44,000 ^{d,g}	12,000 ^{e,g}	---	4,900	870	1,100	6,500	<1,200	---	Not operating
	9/21/2005	15.73	---	147.21	41,000 ^{d,g}	16,000 ^{e,f,k,g}	---	3,700	480	930	5,700	<500	0.90	Not operating
	12/14/2005	13.65	---	149.29	53,000 ^{d,g}	19,000 ^{e,f,k,g}	---	4,700	350	1,100	7,400	<1,000	0.95	Not operating
	3/22/2006	8.10	---	154.84	45,000 ^{d,g}	15,000 ^{e,f,k,g}	---	4,300	390	1,100	5,300	<1,000	0.88	Not operating
	6/30/2006	14.10	Sheen	148.84	44,000 ^{d,g}	15,000 ^{e,f,k,g}	---	4,000	160	550	4,000	<450	0.81	Not operating
	9/5/2006	16.25	Sheen	146.69	56,000 ^{d,g}	16,000 ^{e,f,k,g}	---	5,400	300	1,200	6,200	<500	0.55	Not operating
	12/6/2006	15.25	Sheen	147.69	44,000 ^{d,g}	19,000 ^{e,f,k,g}	---	4,500	110	930	3,600	<500	0.70	Not operating
	3/16/2007	10.25	Sheen	152.69	72,000 ^{d,g}	5,300 ^{e,f,k,g}	---	6,500	420	1,200	3,900	<1,000	0.61	Not operating
<i>MW-4</i>	3/20/1997	13.75	---	83.59	47,000	3,100	---	11,000	4,500	1,100	5,200	3,400	8.4	
<i>97.34</i>	6/25/1997	16.15	---	81.19	61,000	5,800 ^b	---	16,000	6,100	1,500	5,900	780 ^c	1.4	
	9/17/1997	17.10	---	80.24	60,000 ^d	4,400 ^c	---	17,000	4,900	1,500	5,700	<1,500	1.5	
	12/22/1997	9.21	---	88.13	43,000 ^d	3,100 ^c	---	13,000	3,900	1,100	4,200	<960	3.7	
	3/18/1998	9.54	---	87.80	58,000 ^d	5,500 ^{e,f}	---	14,000	4,700	1,400	5,700	<1,200	0.8	
	7/14/1998	14.15	---	83.19	73,000 ^d	2,900 ^{e,f}	---	22,000	7,000	1,800	7,300	<200	1.0	
	9/30/1998	16.84	---	80.50	39,000	2,100	---	12,000	2,700	1,000	3,400	510	1.1	
	12/8/1998	13.45	---	83.89	27,000	1,600	---	8,900	1,600	730	2,300	<1,500	---	
	3/29/1999	9.10	---	88.24	48,000 ^d	2,400 ^{e,f,h}	---	15,000	3,000	1,300	5,000	1,300	1.32	
	06/29/99*	---	---	---	---	---	---	---	---	---	---	---	---	
	9/28/1999	16.58	---	80.76	24,000 ^d	3,200 ^{e,f}	---	7,500	1,200	190	2,200	210	14.29 [#]	
	12/10/1999	13.99	---	83.35	47,000 ^d	3,100 ^{e,f}	---	12,000	1,800	1,000	4,400	<100	0.62	
	3/23/2000	10.22	---	87.12	40,000 ^d	3,100 ^{e,f}	---	11,000	1,600	910	3,100	690	---	

Conestoga-Rovers & Associates

Table 2. Groundwater Elevations and Analytical Data - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date	GW	SPH	GW	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	TPE System
<i>TOC</i>		Depth (ft)	(ft)	Elev. (ft)	Concentrations in micrograms per liter (µg/L)								(mg/L)	Status
<i>MW-4</i>	9/7/2000	16.40	---	80.94	43,000 ^d	5,900 ^e	---	10,000	1,100	1,100	3,400	<450	1.04	
<i>Continued</i>	12/5/2000	15.55	---	81.79	69,000 ^{d,g}	2,600 ^{e,g}	---	16,000	1,300	1,300	3,400	<200	0.35	Not operating
	3/20/2001	14.03	---	83.31	46,000	---	---	13,000	1,000	900	2,800	<350	0.39	Not operating
	6/6/2001	15.49	---	81.85	75,000	5,400	---	22,000	1,800	1,900	6,400	<1,200	2.22	Not operating
	8/30/2001	18.00	---	79.34	43,000 ^a	3,200 ^d	---	6,400	630	510	2,600	<200	0.32	Operating
	12/7/2001	23.45	---	73.89	32,000 ^{d,g}	11,000 ^{e,f,g}	---	4,500	740	310	2,300	<200	0.21	Operating
	3/11/2002	14.95	---	82.39	15,000 ^d	1,600 ^{e,f,k}	---	3,700	500	92	790	<500	0.30	Operating
	6/10/2002	22.30	---	75.04	9,400 ^d	3,400 ^e	---	1,400	50	<5.0	690	<200	---	Operating
	9/26/2002	17.93	---	79.41	21,000 ^d	800 ^e	---	3,300	1,300	450	2,900	<500	0.24	Operating
	11/21/2002	17.55	---	79.79	5,700 ^d	2,400 ^{e,k}	---	1,400	290	63	640	550	---	Operating
	1/13/2003	11.75	---	85.59	35,000 ^{d,g}	15,000 ^{e,f,g,k}	---	5,100	1,500	510	4,500	<800	0.28	Not operating
	4/25/2003	19.37	---	77.97	6,600 ^d	2,200 ^{e,f}	---	960	130	100	560	<170	---	Operating
	5/30/2003	13.56	---	83.78	---	---	---	---	---	---	---	---	---	Not operating
	9/3/2003	21.65	---	75.69	29,000 ^d	27,000 ^{e,f}	---	2,200	380	280	2,300	65	---	Operating
	12/2/2003	19.17	---	78.17	13,000 ^d	5,800 ^{e,f}	---	1,300	180	120	1,900	<250	---	Operating
	3/18/2004	14.92	---	82.42	5,300 ^d	1,500 ^e	---	1,300	55	37	440	<180	---	Operating
<i>163.49</i>	6/16/2004	16.02	---	147.47	9,100 ^d	3,400 ^{e,f}	---	940	96	120	800	<50	---	Not operating
	9/27/2004	19.93	---	143.56	1,300 ^d	980 ^{e,f,k}	---	140	10	11	81	<50	0.68	Not operating
	12/27/2004	14.79	---	148.70	10,000 ^{d,g}	5,300 ^{e,f,g,k}	---	1,000	99	34	1,600	<50	0.74	Not operating
	3/7/2005	7.81	Sheen	155.68	15,000 ^{d,g}	9,300 ^{e,f,g}	---	1,100	140	88	1,900	<100	0.65	Not operating
	6/21/2005	11.82	---	151.67	30,000 ^{d,g}	12,000 ^{e,g}	---	3,300	270	250	2,800	<500	---	Not operating
	9/21/2005	16.55	---	146.94	12,000 ^{d,g}	15,000 ^{e,f,k,g}	---	540	100	54	1,800	<50	0.89	Not operating
	12/14/2005	14.43	---	149.06	5,200 ^{d,g}	9,800 ^{e,f,k,g}	---	710	41	91	540	<50	0.91	Not operating
	3/22/2006	7.52	---	155.97	17,000 ^{d,g}	9,300 ^{e,f,k,g}	---	2,000	230	150	1,900	<50	0.80	Not operating
	6/30/2006	15.00	Sheen	148.49	18,000 ^{d,g}	19,000 ^{e,f,g}	---	1,400	50	60	1,300	<100	0.85	Not operating
	9/5/2006	16.96	Sheen	146.53	30,000 ^{d,g}	9,400 ^{e,f,k,g}	---	1,400	180	110	4,300	<500	0.75	Not operating
	12/6/2006	15.95	Sheen	147.54	21,000 ^{d,g}	22,000 ^{e,f,g}	---	920	56	73	1,500	<100	0.71	Not operating
	3/16/2007	10.71	Sheen	152.78	13,000^{d,g}	2,700^{e,f,k,g}	---	1,400	32	93	740	<100	0.65	Not operating
<i>RW-5</i>	1/13/2003	10.20	---	---	14,000	3,000	---	2,100	750	300	1,800	950	0.17	
<i>162.34</i>	3/18/2003	14.48	---	---	12,000	--	---	2,000	380	190	1,500	830	---	
	6/16/2004	14.73	---	147.61	---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	25.55	---	136.79	---	---	---	---	---	---	---	---	---	Operating
	12/27/2004	10.45	---	151.89	---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	4.42	Sheen	157.92	7,000 ^d	6,100 ^{e,f,k}	---	720	63	97	670	<400	0.93	Not operating

Conestoga-Rovers & Associates

Table 2. Groundwater Elevations and Analytical Data - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date	GW	SPH	GW	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	TPE System
<i>TOC</i>		Depth (ft)	(ft)	Elev. (ft)	Concentrations in micrograms per liter (µg/L)								(mg/L)	Status
RW-5	6/21/2005	10.02	---	152.32	11,000 ^d	490 ^c	---	1,200	67	68	690	<500	---	Not operating
<i>Continued</i>	9/21/2005	15.07	---	147.27	2,000 ^{d,g}	2,500 ^{e,f,k,g}	---	390	16	24	170	1,300	0.99	Not operating
	12/14/2005	12.95	---	149.39	8,900 ^{d,g}	6,200 ^{e,f,k,g}	---	1,500	92	180	750	2,300	1.03	Not operating
	3/22/2006	2.55	---	159.79	7,400 ^d	2,700 ^{e,f,k}	---	59	76	20	120	<50	1.10	Not operating
	6/30/2006	13.32	Sheen	149.02	3,100 ^d	3,100 ^{e,f,k}	---	590	15	27	88	410	0.89	Not operating
	9/5/2006	15.55	Sheen	146.79	5,300 ^{d,g}	3,200 ^{e,f,k,g}	---	1,000	31	61	230	370	0.81	Not operating
	12/6/2006	14.53	Sheen	147.81	8,500 ^{d,g}	5,500 ^{e,f,g}	---	1,200	24	91	250	<900	0.79	Not operating
	3/16/2007	8.81	Sheen	153.53	2,400^{d,g}	2,500^{e,f,k,g}	---	180	3.3	7.3	10	<17	0.62	Not operating
RW-6	3/11/2002	--	---	---	14,000	3,100	---	970	520	170	2,200	<130	---	
<i>162.36</i>	1/13/2003	10.35	---	---	15,000	2,900	---	2,200	1,200	130	2,200	440	0.24	
	3/18/2004	11.47	---	---	8,500	---	---	1,300	260	71	990	1,300	--	
	6/16/2004	14.80	---	147.56	---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	18.46	---	143.90	---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	9.82	---	152.54	---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	6.05	---	156.31	---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	10.13	---	152.23	---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	15.13	---	147.23	---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	13.02	---	149.34	---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	5.85	---	156.51	---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	13.44	---	148.92	---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	15.63	---	146.73	---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	14.63	---	147.73	---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	8.89	---	153.47	---	---	---	---	---	---	---	---	---	Not operating
RW-7	3/11/2002	---	---	---	<50	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	
<i>162.72</i>	1/13/2003	10.95	---	---	<50	67	---	<0.5	<0.5	<0.5	<0.5	<5.0	0.22	
	3/18/2004	15.33	---	---	250	---	---	66	4.8	3.2	10	<15	--	
	6/16/2004	15.22	---	147.50	---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	18.98	---	143.74	---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	9.85	---	152.87	---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	5.82	---	156.90	---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	10.85	---	151.87	---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	15.70	---	147.02	---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	13.58	---	149.14	---	---	---	---	---	---	---	---	---	Not operating

Conestoga-Rovers & Associates

Table 2. Groundwater Elevations and Analytical Data - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date	GW	SPH	GW	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	TPE System
TOC		Depth (ft)	(ft)	Elev. (ft)	Concentrations in micrograms per liter (µg/L)								(mg/L)	Status
RW-7	3/22/2006	5.75	---	156.97	---	---	---	---	---	---	---	---	---	Not operating
Continued	6/30/2006	14.05	---	148.67	---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	16.12	---	146.60	---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	15.13	---	147.59	---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	9.69	---	153.03	---	---	---	---	---	---	---	---	---	Not operating
	RW-8	3/11/2002	---	---	1,300	80	---	620	11	15	14	<60	---	
164.13	1/13/2003	12.80	---	---	390	56	---	150	11	4.1	4.1	13	0.31	
	3/18/2004	15.34	---	---	760	---	---	310	9.9	11	16	<25	---	
	6/16/2004	16.41	---	147.72	---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	19.74	---	144.39	---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	12.32	---	151.81	---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	8.10	---	156.03	---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	12.15	---	151.98	---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	16.90	---	147.23	---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	14.80	---	149.33	---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	7.88	---	156.25	---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	15.31	---	148.82	---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	17.38	---	146.75	---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	16.37	---	147.76	---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	11.04	---	153.09	---	---	---	---	---	---	---	---	---	Not operating
	RW-9	3/11/2002	---	---	---	12,000	880	---	3,400	230	78	1,300	<240	---
163.86	1/13/2003	11.85	---	---	23,000	2,000	---	7,700	610	310	310	<500	0.39	
	3/18/2004	13.69	---	---	2,300	---	---	770	32	15	200	<50	---	
	6/16/2004	16.03	---	147.83	---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	19.83	---	144.03	---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	24.88	---	138.98	---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	7.87	---	155.99	9,000 ^d	510 ^e	---	2,600	69	200	550	<500	0.91	Not operating
	6/21/2005	11.90	---	151.96	9,400 ^d	630 ^e	---	2,400	69	210	470	<350	---	Not operating
	9/21/2005	16.62	---	147.24	8,300 ^{d,g}	820 ^{e,f,g}	---	2,500	36	190	310	<170	1.04	Not operating
	12/14/2005	14.52	---	149.34	6,300 ^d	1,100 ^{e,f}	---	1,900	29	150	260	<50	0.98	Not operating
	3/22/2006	7.63	---	156.23	7,600 ^d	680 ^e	---	2,900	59	190	310	<200	0.95	Not operating
	6/30/2006	15.04	---	148.82	14,000 ^d	1,400 ^e	---	3,100	53	130	260	<300	0.73	Not operating
	9/5/2006	17.02	---	146.84	14,000 ^d	1,100 ^e	---	3,900	39	200	230	<330	0.69	Not operating

Conestoga-Rovers & Associates

Table 2. Groundwater Elevations and Analytical Data - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date	GW	SPH	GW	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	TPE System
<i>TOC</i>		Depth (ft)	(ft)	Elev. (ft)	Concentrations in micrograms per liter (µg/L)								(mg/L)	Status
<i>RW-9</i>	12/6/2006	16.04	---	147.82	13,000 ^{d,g}	660 ^{c,g}	---	3,000	29	180	260	<250	0.74	Not operating
<i>Continued</i>	3/16/2007	10.83	---	153.03	16,000 ^{d,g}	1,200 ^e	---	3,700	76	230	340	<350	0.71	Not operating
RW-10	3/11/2002	---	---	---	12,000	740	---	3,900	150	110	1,100	<270	---	
<i>163.02</i>	1/13/2003	10.75	---	---	4,300	330	---	1,500	43	98	98	<100	0.41	
	3/18/2004	13.13	---	---	5,800	---	---	2,400	11	<10	110	<300	---	
	6/16/2004	15.03	---	147.99	---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	18.35	---	144.67	---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	19.39	---	143.63	---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	6.40	---	156.62	---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	10.95	---	152.07	---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	15.51	---	147.51	---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	13.37	---	149.65	---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	6.53	---	156.49	---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	14.13	---	148.89	---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	15.98	---	147.04	---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	15.02	---	148.00	---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	9.91	---	153.11	---	---	---	---	---	---	---	---	---	Not operating
RW-11	3/11/2002	---	---	---	260	<50	---	34	5.3	8.1	48	<5.0	---	
<i>162.57</i>	1/13/2003	9.80	---	---	5,300	2,700	---	490	110	120	120	180	0.24	
	3/18/2004	12.45	---	---	9,300	---	---	980	120	180	770	2,000	---	
	6/16/2004	14.75	---	147.82	---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	18.44	---	144.13	---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	10.07	---	152.50	---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	5.95	---	156.62	---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	9.96	---	152.61	---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	15.09	---	147.48	---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	12.96	---	149.61	---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	5.70	---	156.87	---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	13.36	---	149.21	---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	15.56	---	147.01	---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	14.55	---	148.02	---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	8.85	---	153.72	---	---	---	---	---	---	---	---	---	Not operating

Conestoga-Rovers & Associates

Table 2. Groundwater Elevations and Analytical Data - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date	GW	SPH	GW	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	TPE System
<i>TOC</i>		Depth (ft)	(ft)	Elev. (ft)	Concentrations in micrograms per liter (µg/L)								(mg/L)	Status
RW-12	3/11/2002	---	---	---	13,000	900	---	4,500	130	130	270	<5.0	---	
<i>163.06</i>	1/13/2003	10.90	---	---	4,100	1,800	---	1,000	130	99	99	<100	0.21	
	3/18/2004	13.63	---	---	17,000	---	---	2,700	960	230	1,500	1,400	---	
	6/16/2004	15.30	---	147.76	---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	19.09	---	143.97	---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	10.85	---	152.21	---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	6.59	---	156.47	---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	10.58	---	152.48	---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	15.63	---	147.43	---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	13.43	---	149.63	---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	6.35	---	156.71	---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	13.95	---	149.11	---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	16.11	---	146.95	---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	15.11	---	147.95	---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	9.52	---	153.54	---	---	---	---	---	---	---	---	---	Not operating
RW-13	3/11/2002	---	---	---	830	79	---	190	13	13	34	<5.0	---	
<i>164.34</i>	1/13/2003	11.20	---	---	210	92	---	54	2.0	2.7	2.7	<5.0	0.35	
	3/18/2004	13.45	---	---	150	---	---	47	1.0	2.1	1.5	<5.0	---	
	6/16/2004	15.83	---	148.51	---	---	---	---	---	---	---	---	---	Not operating
	9/27/2004	19.55	---	144.79	---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	18.12	---	146.22	---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	6.90	---	157.44	---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	11.05	---	153.29	---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	16.20	---	148.14	---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	14.11	---	150.23	---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	6.65	---	157.69	---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	14.44	---	149.90	---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	16.62	---	147.72	---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	15.70	---	148.64	---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	9.93	---	154.41	---	---	---	---	---	---	---	---	---	Not operating
RW-14	3/11/2002	---	---	---	270	82	---	44	0.99	<0.5	4.2	<5.0	---	
<i>163.76</i>	1/13/2003	11.00	---	---	3700	6800	---	230	77	91	91	<50	0.38	
	3/18/2004	12.81	---	---	220	---	---	42	1.4	0.99	5.2	<5.0	---	

Conestoga-Rovers & Associates

Table 2. Groundwater Elevations and Analytical Data - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date	GW	SPH	GW	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	TPE System
<i>TOC</i>		Depth (ft)	(ft)	Elev. (ft)	Concentrations in micrograms per liter (µg/L)								(mg/L)	Status
<i>RW-14</i>	6/16/2004	15.41	---	148.35	---	---	---	---	---	---	---	---	---	Not operating
<i>Continued</i>	9/27/2004	19.20	---	144.56	---	---	---	---	---	---	---	---	---	Not operating
	12/27/2004	12.62	---	151.14	---	---	---	---	---	---	---	---	---	Not operating
	3/7/2005	6.61	---	157.15	---	---	---	---	---	---	---	---	---	Not operating
	6/21/2005	10.80	---	152.96	---	---	---	---	---	---	---	---	---	Not operating
	9/21/2005	15.82	---	147.94	---	---	---	---	---	---	---	---	---	Not operating
	12/14/2005	13.73	---	150.03	---	---	---	---	---	---	---	---	---	Not operating
	3/22/2006	6.43	---	157.33	---	---	---	---	---	---	---	---	---	Not operating
	6/30/2006	14.10	---	149.66	---	---	---	---	---	---	---	---	---	Not operating
	9/5/2006	16.21	---	147.55	---	---	---	---	---	---	---	---	---	Not operating
	12/6/2006	15.31	---	148.45	---	---	---	---	---	---	---	---	---	Not operating
	3/16/2007	9.66	---	154.10	---	---	---	---	---	---	---	---	---	Not operating
Trip Blank	7/14/1998	---	---	---	<50	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	
	9/30/1998	---	---	---	<50	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	
	12/8/1998	---	---	---	<50	---	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	
	3/29/1999	---	---	---	<50	---	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	
	6/29/1999	---	---	---	<50	---	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	
	3/23/2000	---	---	---	<50	---	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	
	9/7/2000	---	---	---	<50	---	---	<0.5	1.1	<0.5	1.1	<5.0	---	

Conestoga-Rovers & Associates

Table 2. Groundwater Elevations and Analytical Data - Former Exxon Service Station, 3055 35th Avenue, Oakland, California

Well ID	Date	GW	SPH	GW	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO	TPE System
TOC		Depth (ft)	(ft)	Elev. (ft)	Concentrations in micrograms per liter (µg/L)								(mg/L)	Status

Methods and Abbreviations:

TOC = Top of casing elevation measured in feet relative to surveyor's datum.
 All site wells were re-surveyed by Virgil Chavez Land Surveying on June 2, 2004 to the CA State Coordinate System, Zone III (NAD83). Benchmark elevation = 177.397 feet (NGVD 29)
 GW Depth = Groundwater depth measured in feet below TOC.
 GW Elev. = Groundwater elevation measured in feet above mean sea level.
 ft = Measured in feet
 SPH = Separate-phase hydrocarbons depth measured from TOC.
 TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method SW8015C
 TPHd = Total petroleum hydrocarbons as diesel by modified EPA Method SW8015C
 TPHmo = Total petroleum hydrocarbons as motor oil by modified EPA Method SW8015C
 Benzene, Toluene, Ethylbenzene, and Xylenes by EPA Method SW8021B
 MTBE = Methyl tertiary-butyl ether by EPA Method SW8021B
 DO = Dissolved oxygen
 µg/L = Micrograms per liter, equivalent to parts per billion in water
 mg/L = Milligrams per liter, equivalent to parts per million in water
 TPE = Two-phase extraction
 Sheen = A sheen was observed on the water's surface.
 * = Well inaccessible during site visit
 ** = No water in well due to system operating in well, value reflects total well depth.
 # = abnormally high reading due to added hydrogen peroxide
 --- = Not observed/not analyzed

Notes:

a = Result has an atypical pattern for diesel analysis
 b = Result appears to be a lighter hydrocarbon than diesel
 c = There is a >40% difference between primary and confirmation analysis
 d = Unmodified or weakly modified gasoline is significant
 e = Gasoline range compounds are significant
 f = Diesel range compounds are significant; no recognizable pattern
 g = Lighter than water immiscible sheen/product is present
 h = One to a few isolated peaks present
 i = Medium boiling point pattern does not match diesel (stoddard solvent)
 j = Aged diesel is significant
 k = Oil range compounds are significant
 l = Liquid sample that contains greater than ~1 vol. % sediment
 m = Stoddard solvent/mineral spirit



APPENDIX A

Groundwater Monitoring Field Data Sheets

WELL GAUGING SHEET

Client: Cambria Environmental Technology Inc.						
Site Address: 3055 35th Avenue, Oakland, CA						
Date: 3/16/2007			Signature:			
Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1	6:23		13.62		27.35	
MW-2	7:10		12.31		27.60	
MW-3	6:51		10.25		25.09	
MW-4	7:05		10.71		30.30	
RW-5	6:41		8.81		25.65	
RW-6	6:46		8.89		25.35	
RW-7	6:58		9.69		29.20	
RW-8	6:28		11.04		29.00	
RW-9	6:18		10.83		25.21	
RW-10	6:13		9.91		24.95	
RW-11	6:36		8.85		24.95	

WELL SAMPLING FORM

Date:		3/16/2007				
Client:		Cambria Environmental Technology Inc.				
Site Address:		3055 35th Avenue, Oakland, CA				
Well ID:		MW-1				
Well Diameter:		4"				
Purging Device:		3" PVC Bailer				
Sampling Method:		Disposable Bailer				
Total Well Depth:		27.35	Fe= mg/L			
Depth to Water:		13.62	ORP= mV			
Water Column Height:		13.73	DO= 0.58 mg/L			
Gallons/ft:		0.65				
1 Casing Volume (gal):		8.92	COMMENTS:			
3 Casing Volumes (gal):		26.77				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
8:45	8.9	18.2			7.02	712
9:00	17.8	18.4			7.06	725
9:15	26.8	17.9			7.09	738
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-1	3/16/2007	9:20	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd	8015 with silica gel clean up, 8021
				Signature:		

WELL SAMPLING FORM

Date:		3/16/2007				
Client:		Cambria Environmental Technology Inc.				
Site Address:		3055 35th Avenue, Oakland, CA				
Well ID:		MW-2				
Well Diameter:		4"				
Purging Device:		3" PVC Bailer				
Sampling Method:		Disposable Bailer				
Total Well Depth:		27.60	Fe=	mg/L		
Depth to Water:		12.31	ORP=	mV		
Water Column Height:		15.29	DO=	0.52 mg/L		
Gallons/ft:		0.65				
1 Casing Volume (gal):		9.94	COMMENTS: heavy sheen, turbid			
3 Casing Volumes (gal):		29.82				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
12:00	9.9	18.6	7.16	658		
12:20	19.9	19.2	7.21	679		
12:40	29.8	19.0	7.22	674		
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-2	3/16/2007	12:55	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd	8015 with silica gel clean up, 8021
				Signature:		

WELL SAMPLING FORM

Date:		3/16/2007				
Client:		Cambria Environmental Technology Inc.				
Site Address:		3055 35th Avenue, Oakland, CA				
Well ID:		MW-3				
Well Diameter:		2"				
Purging Device:		Disposable Bailer				
Sampling Method:		Disposable Bailer				
Total Well Depth:		25.09	Fe= mg/L			
Depth to Water:		10.25	ORP= mV			
Water Column Height:		14.84	DO= 0.61 mg/L			
Gallons/ft:		0.16				
1 Casing Volume (gal):		2.37	COMMENTS: sheen, turbid			
3 Casing Volumes (gal):		7.12				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
10:30	2.4	17.9	7.19	610		
10:35	4.7	18.4	7.26	625		
10:40	7.1	18.1	7.29	622		
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-3	3/16/2007	10:45	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd	8015 with silica gel clean up, 8021
				Signature:		

WELL SAMPLING FORM

Date:		3/16/2007				
Client:		Cambria Environmental Technology Inc.				
Site Address:		3055 35th Avenue, Oakland, CA				
Well ID:		MW-4				
Well Diameter:		2"				
Purging Device:		Disposable Bailer				
Sampling Method:		Disposable Bailer				
Total Well Depth:		30.30		Fe= mg/L		
Depth to Water:		10.71		ORP= mV		
Water Column Height:		19.59		DO= 0.65 mg/L		
Gallons/ft:		0.16				
1 Casing Volume (gal):		3.13		COMMENTS: sheen, turbid		
3 Casing Volumes (gal):		9.40				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH		COND. (µS)	
9:40	3.1	18.5	7.24		598	
9:50	6.3	18.1	7.21		615	
10:00	9.4	18.1	7.20	607		
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-4	3/16/2007	10:05	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd	8015 with silica gel clean up, 8021
				Signature:		

WELL SAMPLING FORM

Date:		3/16/2007				
Client:		Cambria Environmental Technology Inc.				
Site Address:		3055 35th Avenue, Oakland, CA				
Well ID:		RW-5				
Well Diameter:		4"				
Purging Device:		3" PVC Bailer				
Sampling Method:		Disposable Bailer				
Total Well Depth:		25.65	Fe= mg/L			
Depth to Water:		8.81	ORP= mV			
Water Column Height:		16.84	DO= 0.62 mg/L			
Gallons/ft:		0.65				
1 Casing Volume (gal):		10.95	COMMENTS: heavy sheen, turbid			
3 Casing Volumes (gal):		32.84				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)			pH	COND. (µS)
11:00	10.9	18.4			7.20	659
11:10	21.9	17.9			7.26	620
11:30	32.8	17.7	7.21	644		
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
RW-5	3/16/2007	11:40	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd	8015 with silica gel clean up, 8021
				Signature:		

WELL SAMPLING FORM

Date: 3/16/2007						
Client: Cambria Environmental Technology Inc.						
Site Address: 3055 35th Avenue, Oakland, CA						
Well ID: RW-9						
Well Diameter: 4"						
Purging Device: 3" PVC Bailer						
Sampling Method: Disposable Bailer						
Total Well Depth:		25.21		Fe= mg/L		
Depth to Water:		10.83		ORP= mV		
Water Column Height:		14.38		DO= 0.71 mg/L		
Gallons/ft:		0.65				
1 Casing Volume (gal):		9.35		COMMENTS:		
3 Casing Volumes (gal):		28.04				
TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH			COND. (µS)
7:45	9.3	17.4	7.22			749
8:00	18.7	17.6	7.15			741
8:25	28.0	17.7	7.17			729
Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
RW-9	3/16/2007	8:35	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd	8015 with silica gel clean up, 8021
Signature:						



**CONESTOGA-ROVERS
& ASSOCIATES**

www.CRAworld.com

APPENDIX B

Analytical Results for Groundwater Sampling

REGISTERED COMPANY
ISO 9001
ENGINEERING DESIGN

**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

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130-0105; Golden Empire Properties	Date Sampled: 03/16/07
		Date Received: 03/16/07
	Client Contact: Mark Jonas	Date Reported: 03/23/07
	Client P.O.:	Date Completed: 03/23/07

WorkOrder: 0703395

March 23, 2007

Dear Mark:

Enclosed are:

- 1). the results of 6 analyzed samples from your **#130-0105; Golden Empire Properties** project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

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

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

Best regards,

Angela Rydelius, Lab Manager

0703395 CE TE

McCAMPBELL ANALYTICAL, INC.
 110 2ND AVENUE SOUTH, #D7
 PACHECO, CA 94553-5560
 Website: www.mccampbell.com Email: main@mccampbell.com
 Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD
TURN AROUND TIME
 RUSH 24 HR 48 HR 72 HR 5 DAY
 EDF Required? Yes No

Report To: Mark Jonas Bill To: Cambria Environmental Technology
 Company: Cambria Environmental Technology
 5900 Hollis St. Ste A
 Emeryville, CA 94608 E-Mail: mjonas@Cambria-env.com
 Tele: 510-420-3307 Fax: (510) 420-9170
 Project #: 130-0105 Project Name: Golden Empire Properties
 Project Location: 3055 35th Avenue Oakland, CA
 Sampler Signature: Muskan Environmental Sampling

Analysis Request Other Comments

MIBK / BTEX & TPH as Gas (902 / 8021 + 8015)	
MIBK / BTEX ONLY (EPA 602 / 8021)	
TPH as Diesel (EPA 8015) (CERCLA)	
Total Petroleum Oil & Grease (1664 / 8520 P/B&F)	
Total Petroleum Hydrocarbons (AHL)	
EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	
EPA 505/ 608 / 8081 (CI Pesticides)	
EPA 609 / 8062 PCB's ONLY; Aroclors / Congeners	
EPA 507 / 8141 (NP Pesticides)	
EPA 515 / 8151 (Acidic CI Herbicides)	
EPA 5242 / 624 / 8260 (VOCs)	
Fuel Additives (MTBE, ETBE, TAME, DIFE, TBA, 1,2-DCM, 1,2-EDB, ethane) by 8260B	
TPHg by 8015 M	
VOCs and fuel additives by 8260	
TPHg / BTEX (8015 / 8020)	

Filter Samples for Metals analysis: Yes / No

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX						METHOD PRESERVED						
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other				
MW-1		3-16-07	9:20	2	voc Aab	*					X	X	X	X				
MW-2			17:55	1														
MW-3			10:45	1														
MW-4			10:05	1														
RW-5			11:40	1														
RW-9			8:35	1	X	X					X	X	X	X				
TB		X		1	voc						X	X	X	X				Hold

Received By: [Signature] Date: 3/16/07 Time: 2:55PM
 RECEIVED IN LAB PRESERVED IN LAB
 PRESERVATION VOAS O&G METALS OTHER

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0703395

ClientID: CETE

EDF

Fax

Email

HardCopy

ThirdParty

Report to:

Mark Jonas
Cambria Env. Technology
5900 Hollis St, Suite A
Emeryville, CA 94608

Email: mjonas@cambria-env.com
TEL: (510) 420-070 FAX: (510) 420-917
ProjectNo: #130-0105; Golden Empire Properties
PO:

Bill to

Accounts Payable
Cambria Env. Technology
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received 03/16/2007

Date Printed: 03/16/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0703395-001	MW-1	Water	03/16/07 9:20:00	<input type="checkbox"/>	A	B											
0703395-002	MW-2	Water	03/16/07 12:55:00	<input type="checkbox"/>	A	B											
0703395-003	MW-3	Water	03/16/07 10:45:00	<input type="checkbox"/>	A	B											
0703395-004	MW-4	Water	03/16/07 10:05:00	<input type="checkbox"/>	A	B											
0703395-005	RW-5	Water	03/16/07 11:40:00	<input type="checkbox"/>	A	B											
0703395-006	RW-9	Water	03/16/07 8:35:00	<input type="checkbox"/>	A	B											

Test Legend:

1	G-MBTX_W
6	
11	

2	TPH(D)WSG_W
7	
12	

3	
8	

4	
9	

5	
10	

Prepared by: Sheli Cryderman

Comments:

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



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

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130-0105; Golden Empire Properties	Date Sampled: 03/16/07
	Client Contact: Mark Jonas	Date Received: 03/16/07
	Client P.O.:	Date Extracted: 03/20/07-03/21/07
		Date Analyzed: 03/20/07-03/21/07

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0703395

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	7500,a	ND<150	1400	30	100	270	10	113
002A	MW-2	W	44,000,a,h	ND<900	1800	71	670	2200	20	103
003A	MW-3	W	72,000,a,h	ND<1000	6500	420	1200	3900	200	107
004A	MW-4	W	13,000,a	ND<100	1400	32	93	740	10	92
005A	RW-5	W	2400,a,h	ND<17	180	3.3	7.3	10	3.3	113
006A	RW-9	W	16,000,a,h	ND<350	3700	76	230	340	10	114

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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



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

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #130-0105; Golden Empire Properties	Date Sampled: 03/16/07
	Client Contact: Mark Jonas	Date Received: 03/16/07
	Client P.O.:	Date Analyzed 03/17/07-03/21/07

Diesel Range (C10-C23) Extractable Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C

Analytical methods: SW8015C

Work Order: 0703395

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0703395-001B	MW-1	W	1800,d,b	1	104
0703395-002B	MW-2	W	49,000,d,g,b,h	10	109
0703395-003B	MW-3	W	5300,d,g,b,h	1	103
0703395-004B	MW-4	W	2700,d,g,b,h	1	84
0703395-005B	RW-5	W	2500,d,g,b,h	1	90
0703395-006B	RW-9	W	1200,d	1	89

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

* 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/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; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

 Angela Rydelius, Lab Manager



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

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0703395

EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 26870				Spiked Sample ID: 0703408-008A			
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	90.8	90.9	0.170	97.1	92.4	4.98	70 - 130	30	70 - 130	30
MTBE	ND	10	102	95.2	7.28	96.7	98.6	1.90	70 - 130	30	70 - 130	30
Benzene	ND	10	104	94.5	9.96	101	97.1	3.86	70 - 130	30	70 - 130	30
Toluene	ND	10	102	93.1	9.58	100	96.7	3.72	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	100	92.3	8.29	99.3	95.8	3.52	70 - 130	30	70 - 130	30
Xylenes	ND	30	91	85.7	6.04	91	86.3	5.26	70 - 130	30	70 - 130	30
%SS:	102	10	116	108	7.36	109	110	1.48	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 26870 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703395-001A	03/16/07 9:20 AM	03/21/07	03/21/07 8:32 AM	0703395-002A	03/16/07 12:55 PM	03/21/07	03/21/07 9:01 AM
0703395-003A	03/16/07 10:45 AM	03/20/07	03/20/07 2:41 AM	0703395-004A	03/16/07 10:05 AM	03/21/07	03/21/07 9:30 AM
0703395-005A	03/16/07 11:40 AM	03/21/07	03/21/07 4:36 AM	0703395-006A	03/16/07 8:35 AM	03/20/07	03/20/07 4:09 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0703395

EPA Method SW8015C	Extraction SW3510C/3630C			BatchID: 26852			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	113	110	2.79	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	111	106	4.59	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 26852 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703395-001B	03/16/07 9:20 AM	03/16/07	03/21/07 4:41 PM	0703395-002B	03/16/07 12:55 PM	03/16/07	03/21/07 3:33 PM
0703395-003B	03/16/07 10:45 AM	03/16/07	03/21/07 4:41 PM	0703395-004B	03/16/07 10:05 AM	03/16/07	03/17/07 10:09 AM
0703395-005B	03/16/07 11:40 AM	03/16/07	03/17/07 11:16 AM	0703395-006B	03/16/07 8:35 AM	03/16/07	03/17/07 12:24 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.

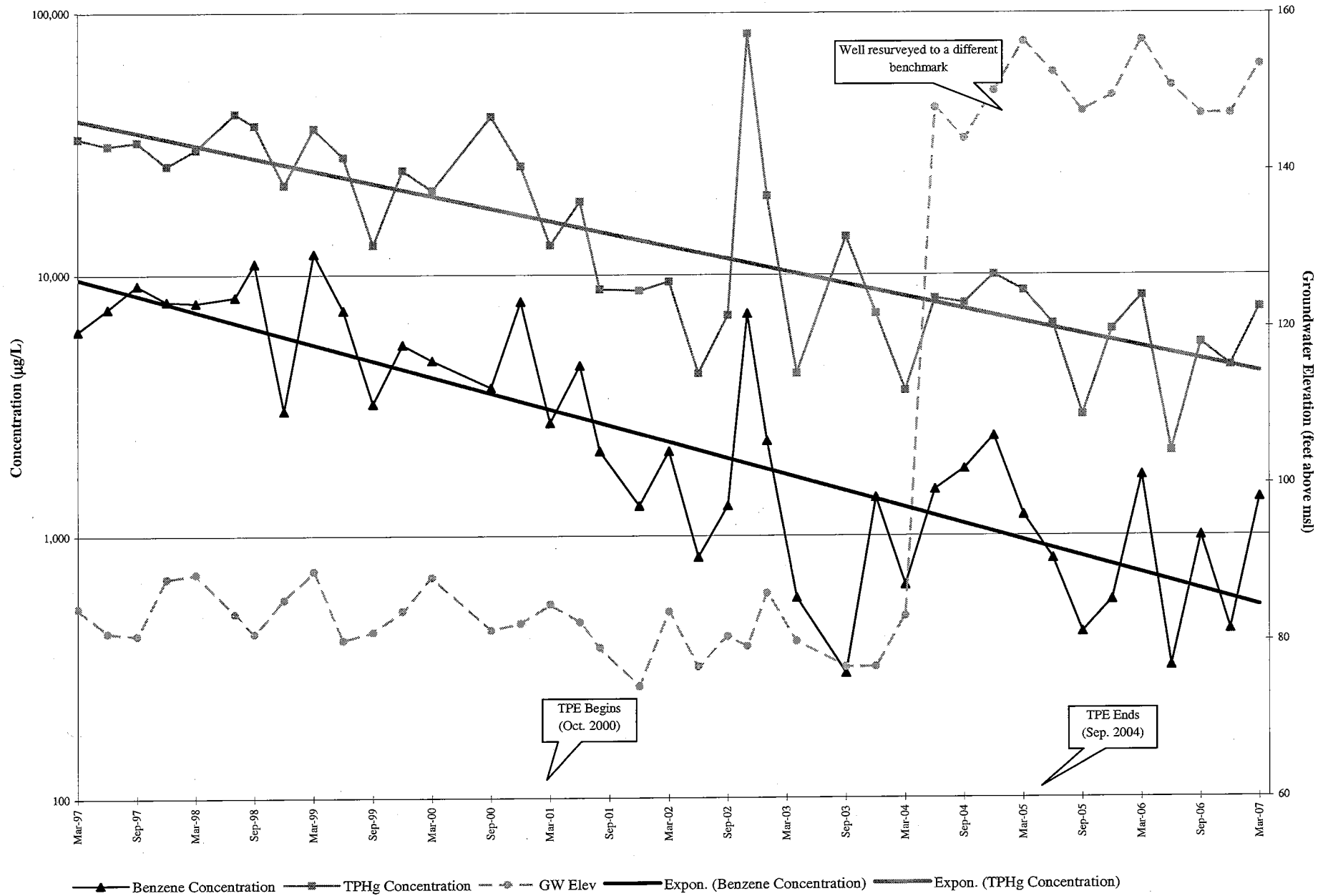
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



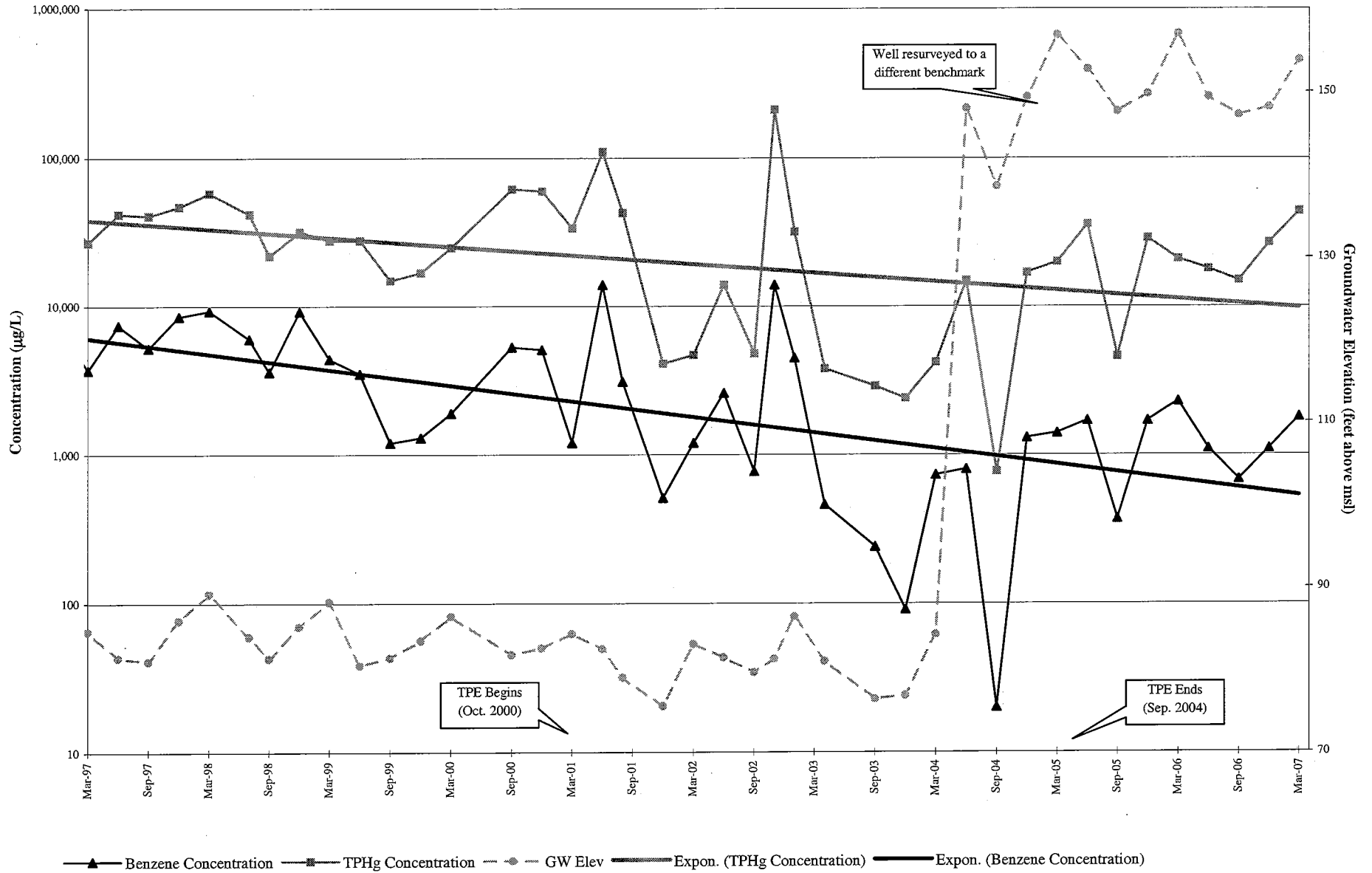
APPENDIX C

TPHg and Benzene Concentration Trend Graphs

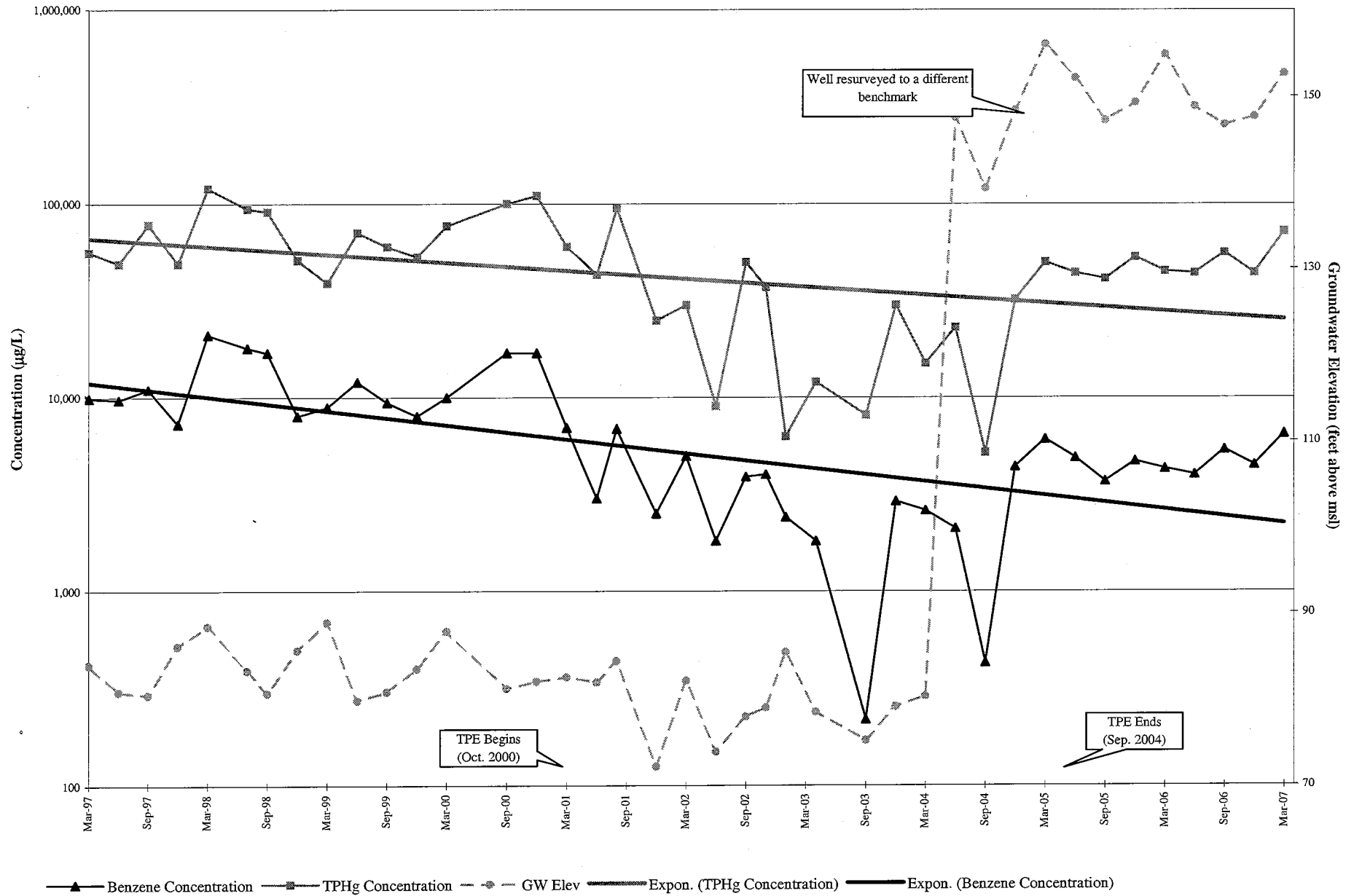
TPHg and Benzene Concentration Trends Well MW-1 (March 1997 to Present)



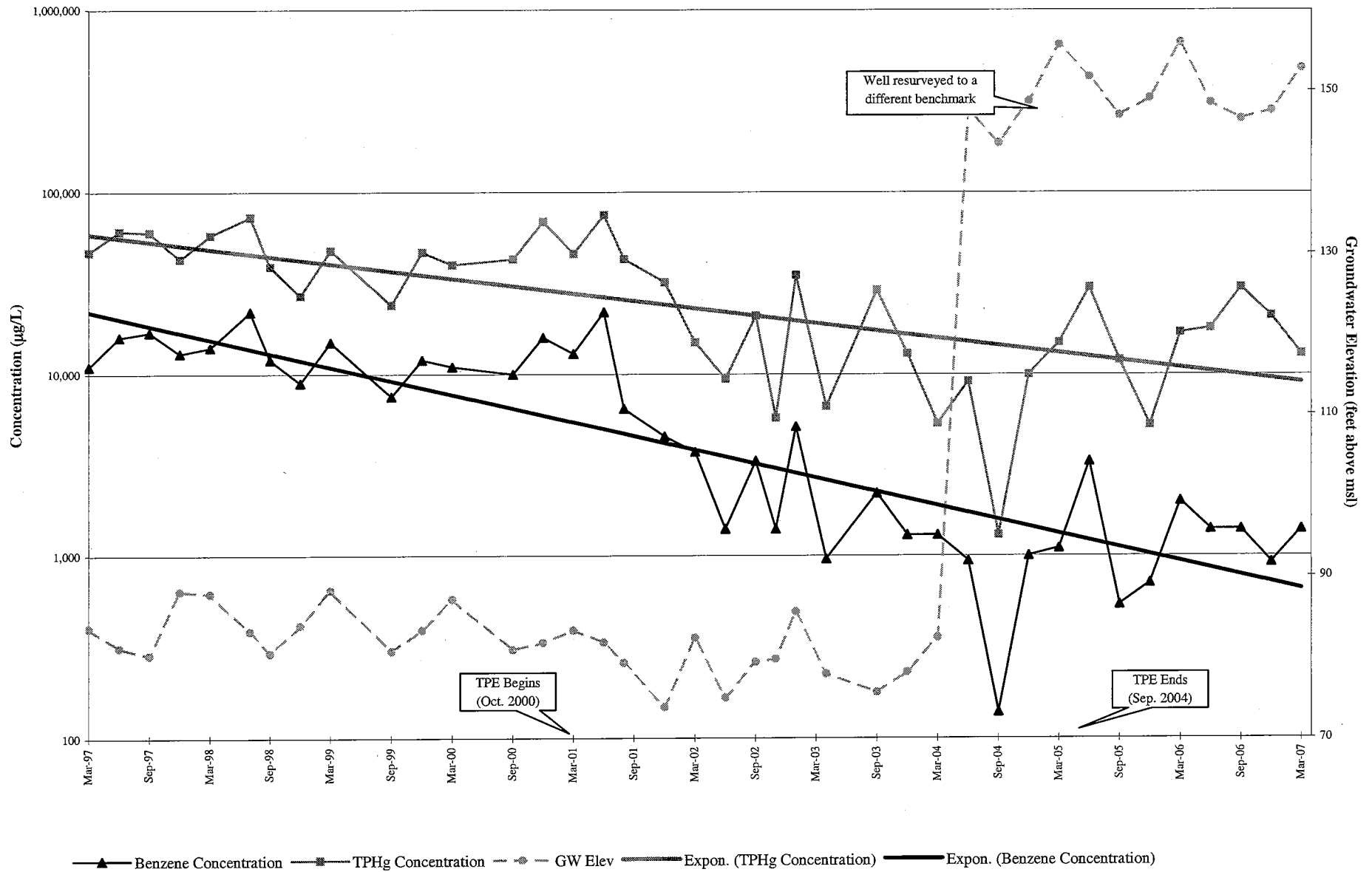
TPHg and Benzene Concentration Trends Well MW-2 (March 1997 to Present)



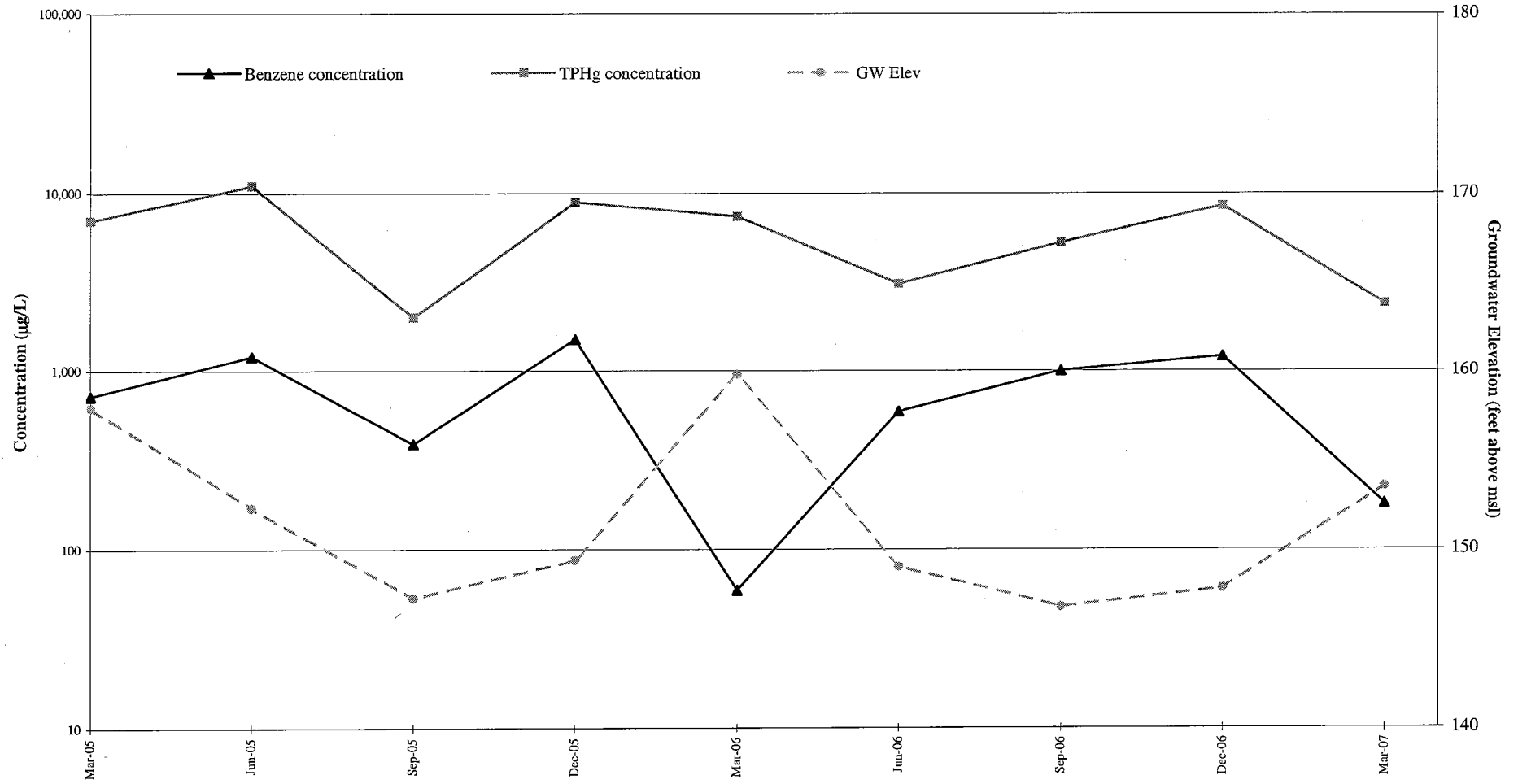
TPHg and Benzene Concentration Trends Well MW-3 (March 1997 to Present)



TPHg and Benzene Concentration Trends Well MW-4 (March 1997 to Present)



TPHg and Benzene Concentration Trends
Well RW-5 (March 2005 to Present)



TPHg and Benzene Concentration Trends
Well RW-9 (March 2005 to Present)

