CONESTOGA-ROVERS
& ASSOCIATES

5900 Hollis Street, Suite A, Emeryville, California 94608
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July 26, 2007

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

Re: **Groundwater Monitoring Report**
Second 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 – Second Quarter 2007*. Presented in the report are the second quarter 2007 activities and the anticipated third 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 - Second 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

CONESTOGA-ROVERS
& ASSOCIATES

GROUNDWATER MONITORING REPORT - SECOND QUARTER 2007

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

July 26, 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:

Bryan Fong
Staff Geologist

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

CONESTOGA-ROVERS
& ASSOCIATES

GROUNDWATER MONITORING REPORT – SECOND QUARTER 2007

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

July 26, 2007

INTRODUCTION

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

Figure 1 is a vicinity map. Figure 1 presents recent monitoring groundwater elevations and selected hydrocarbon data. Table 1 presents 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.

SECOND QUARTER 2007 ACTIVITIES

Monitoring Activities

Field Activities: On June 15, 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 June 15, 2007 site visit, groundwater beneath the site flows towards the west with a gradient of 0.009 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 3,700 micrograms per liter (µg/L) to 56,000 µg/L, with the highest concentration detected in well MW-3. Benzene concentrations ranged from 700 µg/L to 5,100 µg/L, with the highest concentration detected in well MW-3. TPHd concentrations ranged from 670 µg/L to 25,000 µg/L, with the highest concentration detected in well MW-3. MTBE was only detected in well MW-1 with a concentration of 56 µg/L . Hydrocarbon concentrations are slightly lower than the first quarter 2007 monitoring event (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 second quarter 2007.

ANTICIPATED THIRD QUARTER 2007 ACTIVITIES

Monitoring Activities

During the third 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 – Third Quarter 2007.*

Offsite and Onsite Characterization

During the second quarter 2007, CRA performed onsite soil gas characterization and phase one of the offsite soil and groundwater characterization, in accordance with the approved January 12, 2007 *Offsite and Soil Gas Workplan.* During the third quarter, CRA will implement phase two of offsite characterization. Once characterization is complete, CRA will submit a site characterization report.

ATTACHMENTS

Figure 1 – Vicinity Map
Figure 2 – Groundwater Elevation and Hydrocarbon Concentration Map – June 15, 2007

Table 1 – Well Construction Details
Table 2 – Groundwater Elevations and Analytical Data

Appendix A – Field Data Sheets
Appendix B – Laboratory Analytical Report
Appendix C – TPHg and Benzene Concentration Trend Graphs

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04/14/07

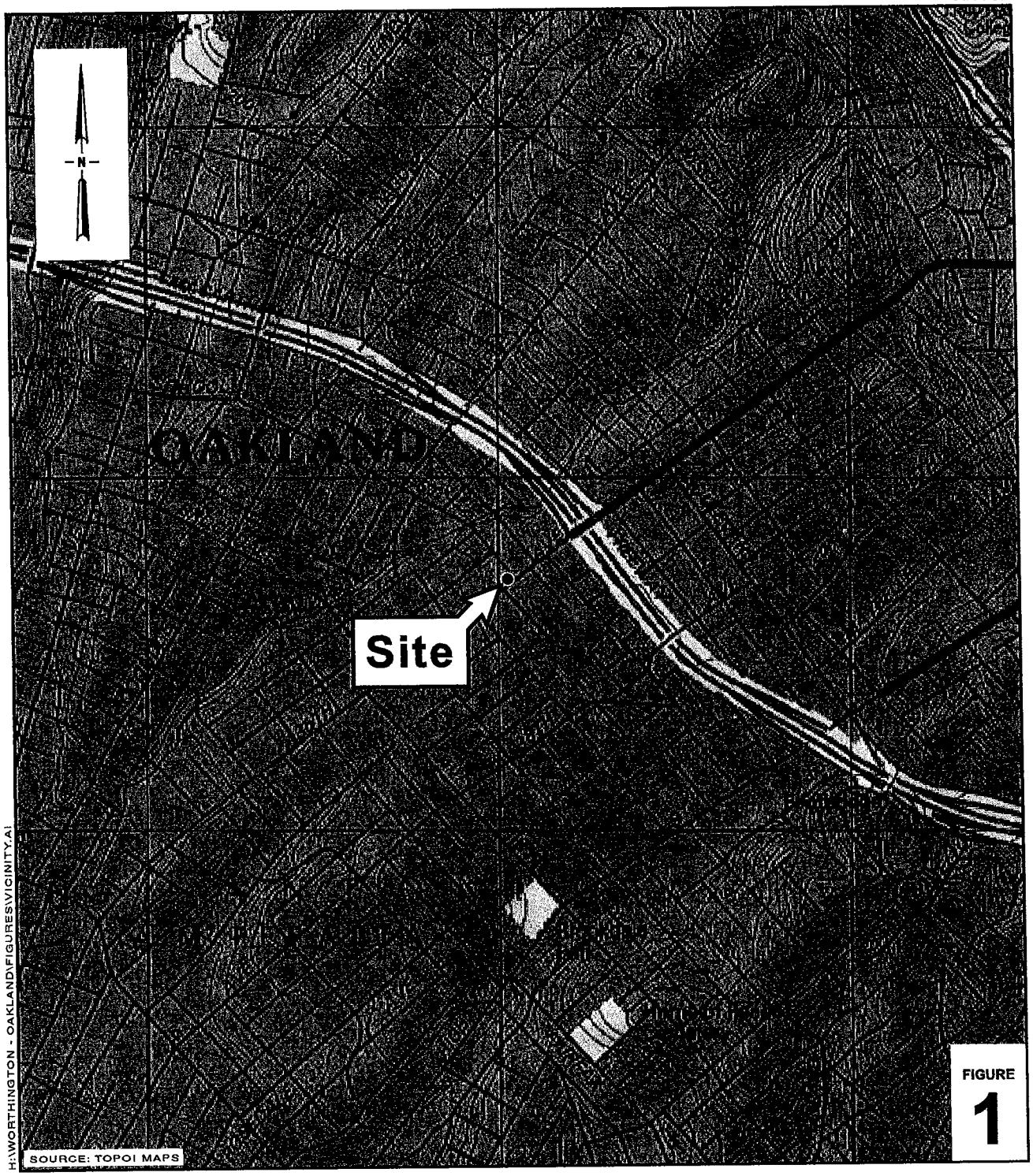

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FIGURE
1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Former Exxon Station

3035 35th Avenue

Oakland, California

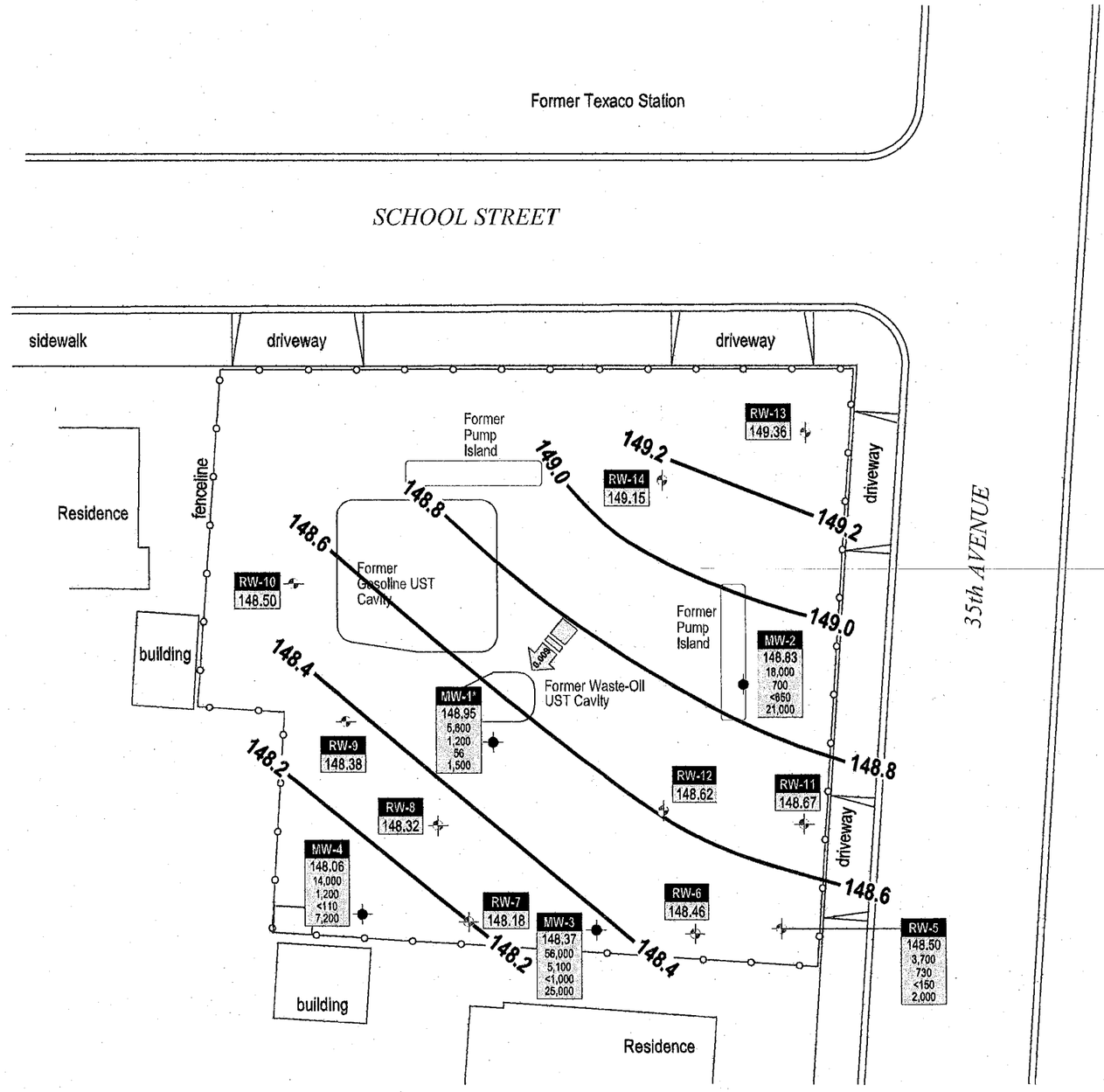
CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

07/25/07

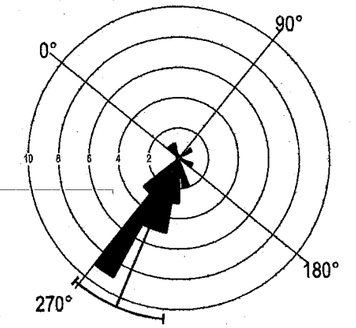
Groundwater Elevation and Hydrocarbon Concentration Map

June 15, 2007



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
- Groundwater flow direction and gradient
- Well ID — Well designation
  - ELEV — Groundwater elevation (msl)
  - TPHg, Benzene, MTBE, TPHd — Hydrocarbon concentrations in groundwater, in micrograms per liter (µg/L)
- * — Groundwater elevation anomalous, not used in contouring



Historical Groundwater Gradient Directions
1996 to 2007

0 15 30 60

Scale (ft)

Source: Virgil Chavez Land Surveying

FIGURE

2

Former Exxon Station
3055 35th Avenue
Oakland, California

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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

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[e]	---	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[e]	---	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

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

Well ID *TOC*	Date	GW Depth (ft)	SPH (ft)	GW Elev. (ft)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO (mg/L)	TPE System Status
					<---------- Concentrations in micrograms per liter (µg/L) ---------->									
MW-1	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
Continued	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
	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
	6/15/2007	**18.07**	**---**	**148.95**	**5,600** [d]	**1,500** [e,k,f]	---	**1,200**	**29**	**84**	**190**	**56**	**0.74**	
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	

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-2	6/25/1997	18.62	---	81.38	42,000	7,800[b]	---	7,400	3,800	1,200	5,700	<200	0.9	
Continued	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	
	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	
	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[a,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
166.14	6/16/2004	18.15	---	147.99	15,000[d]	9,800[e,f]	---	800	210	290	1,800	2,000	---	Not operating
(Monument	9/27/2004	27.55**	---	138.59	770[d]	1,000[e,f,k]	---	20	7.9	10	140	1,600	0.79	Operating
Well box)	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

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-2	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
Continued	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
	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
	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
	6/15/2007	**17.31**	**---**	**148.83**	**18,000** [d,g]	**21,000** [e,k,f,g]	---	**700**	**22**	**290**	**740**	**<650**	**0.68**	
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[g,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	---	

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-3	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
Continued	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
	6/10/2002	22.94	---	73.93	9,000[d]	990[e,k]	---	1,800	1,300	96	1,000	<300	---	Operating
	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[e]	---	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[e]	---	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
162.94	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
	6/15/2007	**14.57**	**---**	**148.37**	**56,000** [d,g]	**25,000** [e,k,f,g]	---	**5,100**	**200**	**1,100**	**3,200**	**<1000**	**0.48**	
MW-4	3/20/1997	13.75	---	83.59	47,000	3,100	---	11,000	4,500	1,100	5,200	3,400	8.4	
97.34	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[e]	---	17,000	4,900	1,500	5,700	<1,500	1.5	
	12/22/1997	9.21	---	88.13	43,000[d]	3,100[e]	---	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	

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-4	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	
Continued	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	---	
	9/7/2000	16.40	---	80.94	43,000[d]	5,900[e]	---	10,000	1,100	1,100	3,400	<450	1.04	
	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
163.49	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

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

Well ID *TOC*	Date	GW Depth (ft)	SPH (ft)	GW Elev. (ft)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO (mg/L)	TPE System Status
					<---------- Concentrations in micrograms per liter (µg/L) ---------->									
MW-4	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
Continued	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
	6/15/2007	**15.43**	**---**	**148.06**	**14,000 [d,g]**	**7,200 [e,g]**	**---**	**1,200**	**46**	**63**	**850**	**<110**	**0.61**	
RW-5	1/13/2003	10.20	---	---	14,000	3,000	---	2,100	750	300	1,800	950	0.17	
162.34	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
	6/21/2005	10.02	---	152.32	11,000[d]	490[e]	---	1,200	67	68	690	<500	---	Not operating
	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
	6/15/2007	**13.84**	**---**	**148.50**	**3,700 [d,g]**	**2,000 [e,k,f,g]**	**---**	**730**	**14**	**36**	**80**	**<150**	**0.65**	
RW-6	3/11/2002	--	---	---	14,000	3,100	---	970	520	170	2,200	<130	---	
162.36	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

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-6	3/16/2007	8.89	---	153.47	---	---	---	---	---	---	---	---	---	Not operating
Continued	**6/15/2007**	**13.90**	**---**	**148.46**	---	---	---	---	---	---	---	---	---	Not operating
RW-7	3/11/2002	---	---	---	<50	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	
162.72	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
	3/22/2006	5.75	---	156.97	---	---	---	---	---	---	---	---	---	Not operating
	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
	6/15/2007	**14.54**	**---**	**148.18**	---	---	---	---	---	---	---	---	---	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

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

Well ID *TOC*	Date	GW Depth (ft)	SPH (ft)	GW Elev. (ft)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DO (mg/L)	TPE System Status
					<---------- Concentrations in micrograms per liter (µg/L) ---------->									
RW-8	3/16/2007	11.04	---	153.09	---	---	---	---	---	---	---	---	---	Not operating
Continued	**6/15/2007**	**15.81**	**---**	**148.32**	---	---	---	---	---	---	---	---	---	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
	12/6/2006	16.04	---	147.82	13,000 [d,g]	660 [e,g]	---	3,000	29	180	260	<250	0.74	Not operating
	3/16/2007	10.83	---	153.03	16,000 [d,g]	1,200 [e]	---	3,700	76	230	340	<350	0.71	Not operating
	6/15/2007	**15.48**	**---**	**148.38**	**12,000 [d]**	**670 [e]**	---	**3,000**	**44**	**170**	**220**	**<250**	**0.68**	
RW-10	3/11/2002	---	---	---	12,000	740	---	3,900	150	110	1,100	<270	---	
163.02	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

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-10	3/16/2007	9.91	---	153.11	---	---	---	---	---	---	---	---	---	Not operating
Continued	**6/15/2007**	**14.52**	**---**	**148.50**	---	---	---	---	---	---	---	---	---	Not operating
RW-11	3/11/2002	---	---	---	260	<50	---	34	5.3	8.1	48	<5.0	---	
162.57	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
	6/15/2007	**13.90**	**---**	**148.67**	---	---	---	---	---	---	---	---	---	Not operating
RW-12	3/11/2002	---	---	---	13,000	900	---	4,500	130	130	270	<5.0	---	
163.06	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

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-12	3/16/2007	9.52	---	153.54	---	---	---	---	---	---	---	---	---	Not operating
Continued	**6/15/2007**	**14.44**	**---**	**148.62**	---	---	---	---	---	---	---	---	---	Not operating
RW-13	3/11/2002	---	---	---	830	79	---	190	13	13	34	<5.0	---	
164.34	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
	6/15/2007	**14.98**	**---**	**149.36**	---	---	---	---	---	---	---	---	---	Not operating
RW-14	3/11/2002	---	---	---	270	82	---	44	0.99	<0.5	4.2	<5.0	---	
163.76	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	---	
	6/16/2004	15.41	---	148.35	---	---	---	---	---	---	---	---	---	Not operating
	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

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-14	3/16/2007	9.66	---	154.10	---	---	---	---	---	---	---	---	---	Not operating
Continued	**6/15/2007**	**14.61**	**---**	**149.15**	---	---	---	---	---	---	---	---	---	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	---	

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

CONESTOGA-ROVERS
& ASSOCIATES

APPENDIX A
Field Data Sheet

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL GAUGING SHEET

Client: Conestoga-Rovers and Associates

Site Address: 3055 35th Avenue, Oakland, CA

Date: 6/15/2007 **Signature:**

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1	8:36		18.07		27.35	
MW-2	9:13		17.31		27.61	
MW-3	8:51		14.57		25.10	
MW-4	8:43		15.43		30.30	
RW-5	8:59		13.84		25.65	
RW-6	8:55		13.90		25.35	
RW-7	8:47		14.54		29.19	
RW-8	8:39		15.81		29.00	
RW-9	8:33		15.48		25.20	
RW-10	8:29		14.52		24.95	
RW-11	9:05		13.90		24.95	

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL GAUGING SHEET

Client: Conestoga-Rovers and Associates

Site Address: 3055 35th Avenue, Oakland, CA

Date: 6/15/2007 **Signature:**

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
RW-12	9:09		14.44		25.85	
RW-13	8:21		14.98		24.86	
RW-14	8:25		14.61		24.85	

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	6/15/2007
Client:	Conestoga-Rovers and Associates
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
Depth to Water:	18.07
Water Column Height:	9.28
Gallons/ft:	0.65
1 Casing Volume (gal):	6.03
3 Casing Volumes (gal):	18.10

Fe=	**mg/L**
ORP=	**mV**
DO=	0.74 **mg/L**

COMMENTS:
very turbid, silty, light sheen

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
9:55	6.0	20.5	6.52	1423
10:00	12.1	20.2	6.58	1479
10:05	18.1	20.2	6.59	1455

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-1	6/15/2007	10:10	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd	8015 with silica gel clean up, 8021

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	6/15/2007
Client:	Conestoga-Rovers and Associates
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:	27.61	**Fe=**	**mg/L**
Depth to Water:	17.31	**ORP=**	**mV**
Water Column Height:	10.30	**DO=**	0.68 **mg/L**
Gallons/ft:	0.65		
1 Casing Volume (gal):	6.70		
3 Casing Volumes (gal):	20.09		

COMMENTS:
very turbid, heavy sheen

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
12:15	6.7	20.4	7.10	651
12:25	13.4	20.1	7.15	651
12:35	20.1	19.9	7.13	657

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-2	6/15/2007	12:40	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd	8015 with silica gel clean up, 8021
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	6/15/2007
Client:	Conestoga-Rovers and Associates
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:	25.10
Depth to Water:	14.57
Water Column Height:	10.53
Gallons/ft:	0.16
1 Casing Volume (gal):	1.68
3 Casing Volumes (gal):	5.05

Fe=	**mg/L**
ORP=	**mV**
DO=	**0.48 mg/L**

COMMENTS:
very turbid, light sheen

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
10:55	1.7	19.1	6.98	590
11:00	3.4	18.9	7.02	544
11:10	5.1	18.9	7.06	560

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-3	6/15/2007	11:15	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd	8015 with silica gel clean up, 8021
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	6/15/2007
Client:	Conestoga-Rovers and Associates
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
Depth to Water:	15.43
Water Column Height:	14.87
Gallons/ft:	0.16
1 Casing Volume (gal):	2.38
3 Casing Volumes (gal):	7.14

Fe=	**mg/L**
ORP=	**mV**
DO=	0.61 **mg/L**

COMMENTS:
turbid, light sheen

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
10:25	2.4	19.7	7.11	491
10:30	4.8	19.9	7.06	470
10:35	7.1	20.0	7.09	476

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-4	6/15/2007	10:40	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd	8015 with silica gel clean up, 8021

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	6/15/2007
Client:	Conestoga-Rovers and Associates
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
Depth to Water:	13.84
Water Column Height:	11.81
Gallons/ft:	0.65
1 Casing Volume (gal):	7.68
3 Casing Volumes (gal):	23.03

Fe=	**mg/L**
ORP=	**mV**
DO=	0.65 **mg/L**

COMMENTS:
very turbid, light sheen

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
11:30	7.7	19.5	7.14	627
11:40	15.4	19.9	7.14	650
11:50	23.0	20.3	7.14	655

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
RW-5	6/15/2007	12:00	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd	8015 with silica gel clean up, 8021
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	6/15/2007
Client:	Conestoga-Rovers and Associates
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:	25.20
Depth to Water:	15.48
Water Column Height:	9.72
Gallons/ft:	0.65
1 Casing Volume (gal):	6.32
3 Casing Volumes (gal):	18.95

	Fe=	**mg/L**
	ORP=	**mV**
	DO=	0.68 **mg/L**

COMMENTS:

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
9:28	6.3	20.8	6.40	1424
9:33	12.6	20.5	6.41	1473
9:39	19.0	20.0	6.43	1441

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
RW-9	6/15/2007	9:45	40 ml VOA, 1 L amber	HCl, ICE	TPHg BTEX MTBE TPHd	8015 with silica gel clean up, 8021

Signature:

CONESTOGA-ROVERS
& ASSOCIATES

APPENDIX B

Laboratory Analytical Report

McCampbell Analytical, Inc.
"When Quality Counts"

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

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #103105; Golden Empire Propertes	Date Sampled: 06/15/07
		Date Received: 06/15/07
	Client Contact: Mark Jonas	Date Reported: 06/21/07
	Client P.O.:	Date Completed: 06/21/07

WorkOrder: 0706421

June 21, 2007

Dear Mark:

Enclosed are:

1). the results of **6** analyzed samples from your **#103105; Golden Empire Propertes 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. McCampbell 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

U106421

CFTE

McCAMPBELL ANALYTICAL, INC.

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

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Mark Jones	Bill To: Conestoga-Rovers & Associates
Company: Conestoga-Rovers & Associates	
5900 Hollis Street, Ste. A	
Emeryville, CA	E-Mail: mjones@caso.world.com
Tele: (510) 420-3307	Fax: (510) 420-9170
Project #: 103105	Project Name: Golden Empire Property
Project Location: 3055 35th Avenue, Oakland, CA	
Sampler Signature: Muskan Environmental Sampler	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
MW-1		6-15-01	10:10	5	VOA Amb	X					X	X		
MW-2			12:40	2										
MW-3			11:15											
MW-4			10:40											
RW-5			12:00											
RW-9		"	9:45	X	X	X					X	X		

Analysis Request

BTEX & TPH as Gas (602 / 8021 / 8015) / MTBE	TPH as Diesel (8015) Silica Gel Treated	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 508 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other	Comments
X	X																Filter Samples for Metals analysis: Yes / No
X	X																

Relinquished By:	Date:	Time:	Received By:
	6/15	2:00pm	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 9.5 (4°)
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

VOAS O&G METALS OTHER
PRESERVATION pH<2

COMMENTS:

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0706421 **ClientID: CETE**

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

Requested TAT: 5 days

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

Email: mjonas@CRAworld.com
TEL: (510) 420-070 FAX: (510) 420-917
ProjectNo: #103105; Golden Empire Propertes
PO:

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

Date Received **06/15/2007**
Date Printed: **06/15/2007**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0706421-001	MW-1	Water	6/15/2007	☐	A		B									
0706421-002	MW-2	Water	6/15/2007	☐	A		B									
0706421-003	MW-3	Water	6/15/2007	☐	A		B									
0706421-004	MW-4	Water	6/15/2007	☐	A	B	B									
0706421-005	RW-5	Water	6/15/2007	☐	A		B									
0706421-006	RW-9	Water	6/15/2007 9:45:00	☐	A		B									

Test Legend:

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

Prepared by: Chloe Lam

Comments:

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

McCampbell Analytical, Inc.
"When Quality Counts"

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

Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**
Date and Time Received: **6/15/2007 3:12:21 PM**

Project Name: **#103105; Golden Empire Propertes**
Checklist completed and reviewed by: Chloe Lam

WorkOrder N°: **0706421** 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 shippping 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: 9.4°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:

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

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #103105; Golden Empire Propertes	Date Sampled: 06/15/07
		Date Received: 06/15/07
	Client Contact: Mark Jonas	Date Extracted: 06/16/07-06/18/07
	Client P.O.:	Date Analyzed 06/16/07-06/18/07

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

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0706421

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	5600,a	56	1200	29	84	190	10	110
002A	MW-2	W	18,000,a,h	ND<650	700	22	290	740	10	103
003A	MW-3	W	56,000,a,h	ND<1000	5100	200	1100	3200	200	104
004A	MW-4	W	14,000,a,h	ND<110	1200	46	63	850	10	115
005A	RW-5	W	3700,a,h	ND<150	730	14	36	80	10	108
006A	RW-9	W	12,000,a	ND<250	3000	44	170	220	20	88

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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

Conestoga-Rovers & Associates 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #103105; Golden Empire Propertes	Date Sampled: 06/15/07
		Date Received: 06/15/07
	Client Contact: Mark Jonas	Date Extracted: 06/15/07
	Client P.O.:	Date Analyzed 06/18/07-06/20/07

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

Extraction method SW3510C/3630C Analytical methods SW8015C Work Order: 0706421

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0706421-001B	MW-1	W	1500,d,g,b	2	101
0706421-002B	MW-2	W	21,000,d,g,b,h	10	114
0706421-003B	MW-3	W	25,000,d,g,b,h	10	112
0706421-004B	MW-4	W	7200,d,h	10	104
0706421-005B	RW-5	W	2000,d,g,b,h	1	104
0706421-006B	RW-9	W	670,d	1	101

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 McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; 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; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder 0706421

EPA Method SW8021B/8015Cm	Extraction SW5030B				BatchID: 28736			Spiked Sample ID: 0706422-002A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	114	103	10.0	93.2	86.5	7.49	70 - 130	30	70 - 130	30
MTBE	ND	10	95.7	92	3.96	97.8	95.1	2.79	70 - 130	30	70 - 130	30
Benzene	ND	10	93.1	96	3.03	95.1	107	12.0	70 - 130	30	70 - 130	30
Toluene	ND	10	97.7	90.4	7.78	90.2	96	6.29	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	98.5	99.5	0.992	97.4	92.6	5.11	70 - 130	30	70 - 130	30
Xylenes	ND	30	96.7	100	3.39	92.7	103	10.9	70 - 130	30	70 - 130	30
%SS:	100	10	103	100	2.52	98	110	11.8	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 28736 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0706421-001A	06/15/07 10:10 AM	06/16/07	06/16/07 1:21 AM	0706421-002A	06/15/07 12:40 PM	06/18/07	06/18/07 10:19 PM
0706421-003A	06/15/07 11:15 AM	06/16/07	06/16/07 2:27 AM	0706421-004A	06/15/07 10:40 AM	06/16/07	06/16/07 3:00 AM
0706421-005A	06/15/07 12:00 PM	06/16/07	06/16/07 3:33 AM	0706421-006A	06/15/07 9:45 AM	06/18/07	06/18/07 8:47 PM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0706421

EPA Method SW8015C	Extraction SW3510C/3630C				BatchID: 28765			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	118	109	8.45	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	79	84	6.17	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 28765 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0706421-001B	06/15/07 10:10 AM	06/15/07	06/20/07 6:47 PM	0706421-002B	06/15/07 12:40 PM	06/15/07	06/18/07 8:06 PM
0706421-003B	06/15/07 11:15 AM	06/15/07	06/18/07 9:21 PM	0706421-004B	06/15/07 10:40 AM	06/15/07	06/18/07 11:45 PM
0706421-005B	06/15/07 12:00 PM	06/15/07	06/19/07 6:36 AM	0706421-006B	06/15/07 9:45 AM	06/15/07	06/20/07 5:37 PM

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

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

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

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

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

DHS ELAP Certification N° 1644

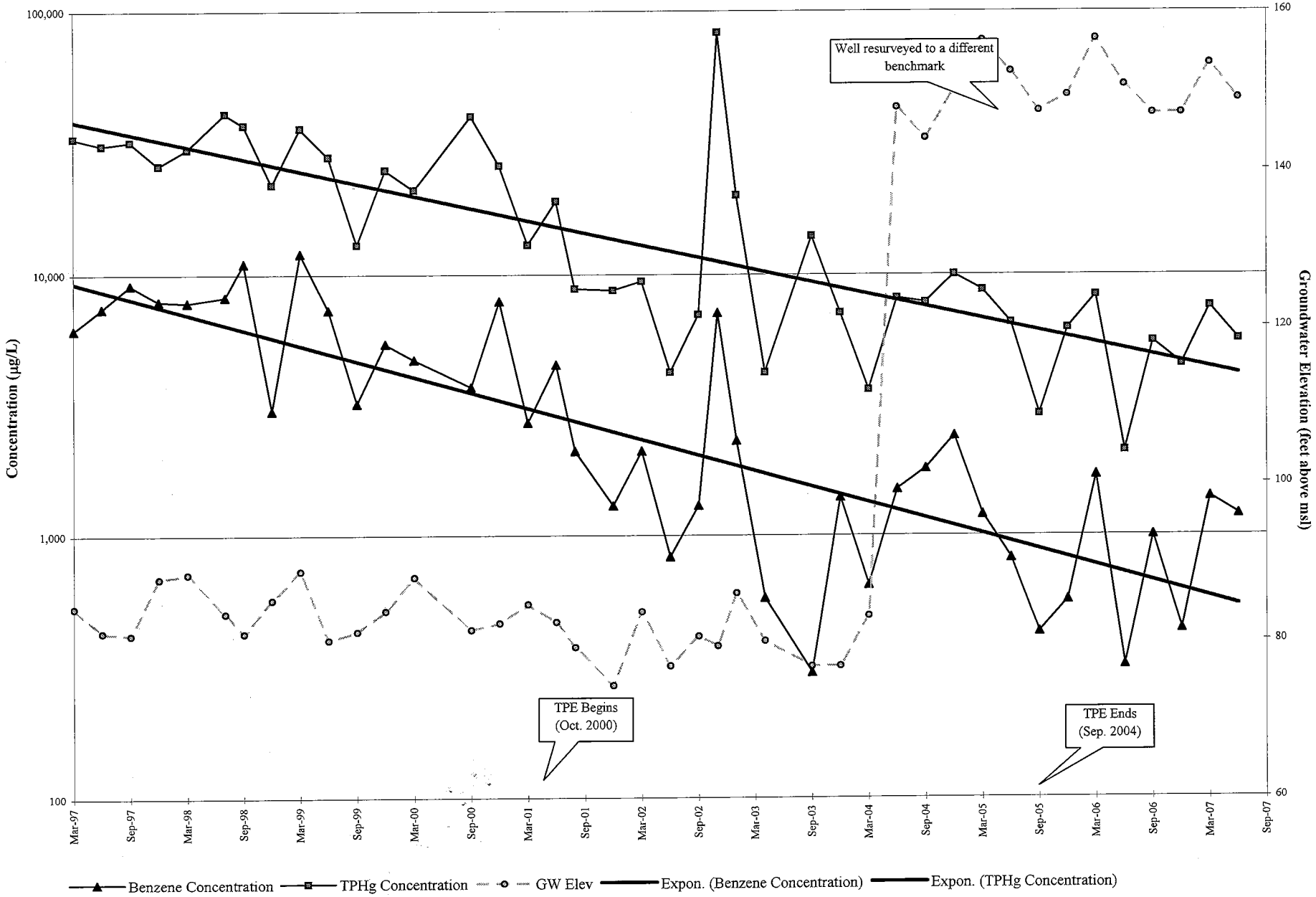
QA/QC Officer

CONESTOGA-ROVERS
& ASSOCIATES

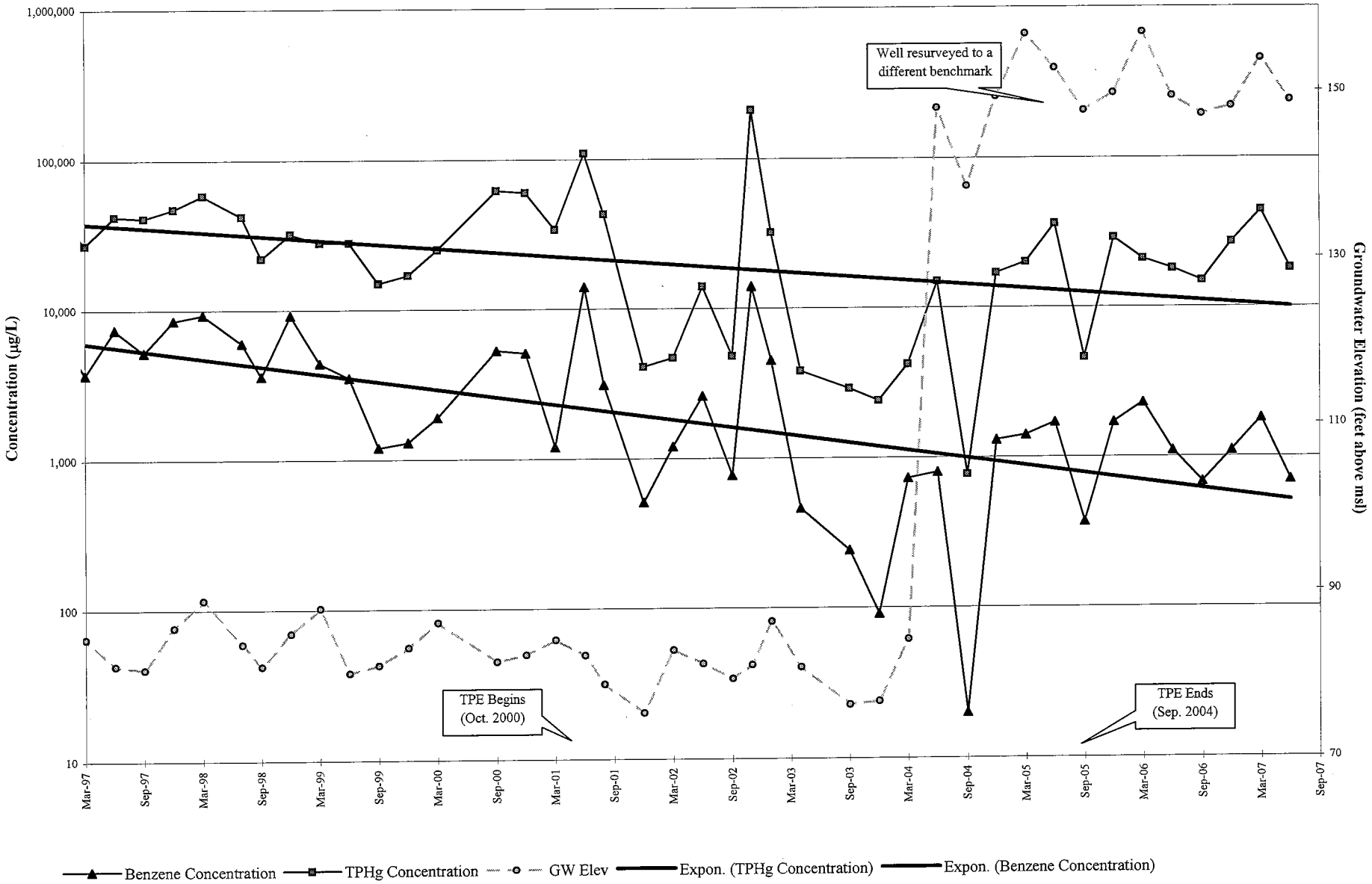
APPENDIX C

TPHg and Benzene
Concentration Trend Graphs

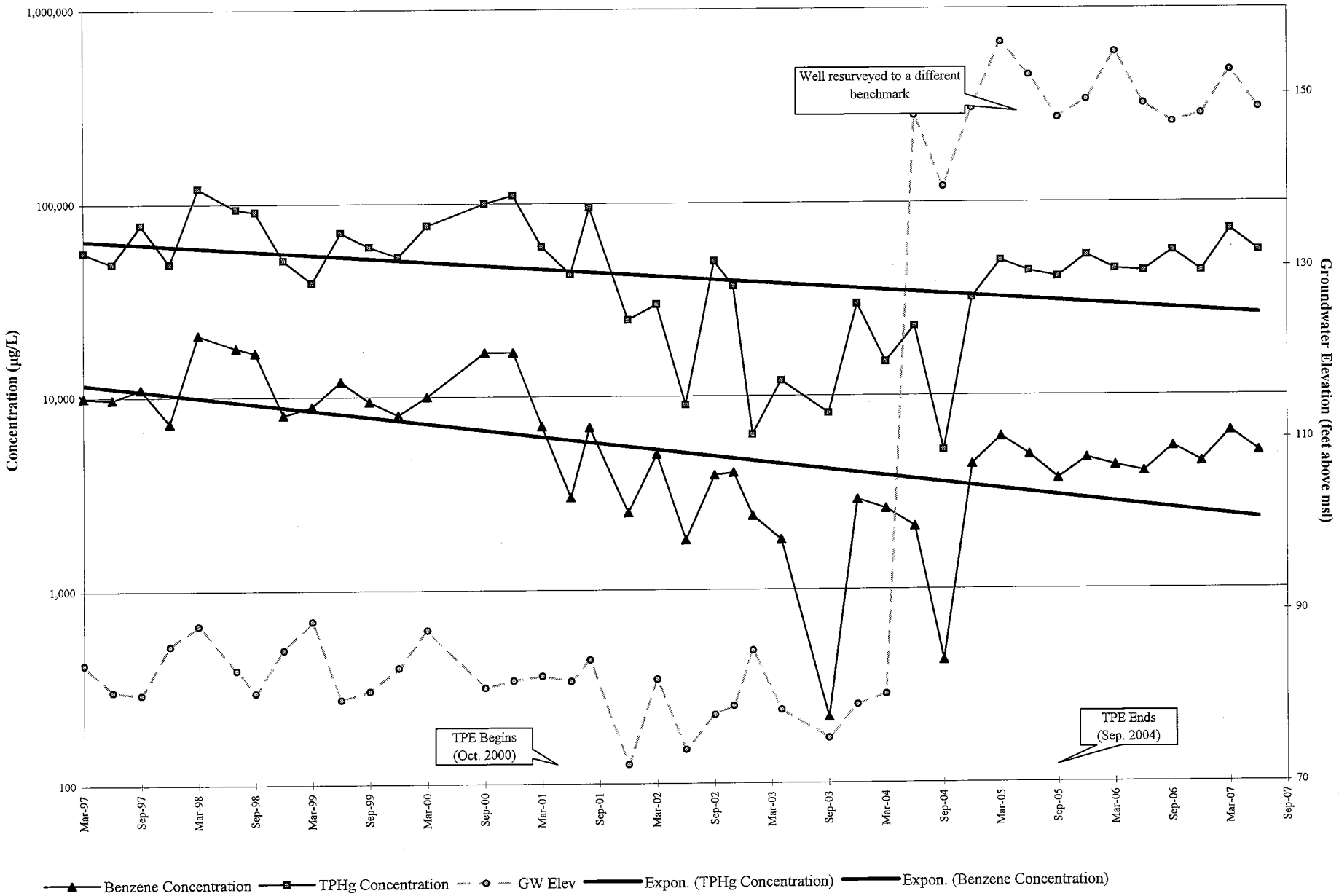
TPHg and Benzene Concentration Trends
Well MW-1 (March 1997 to Present)



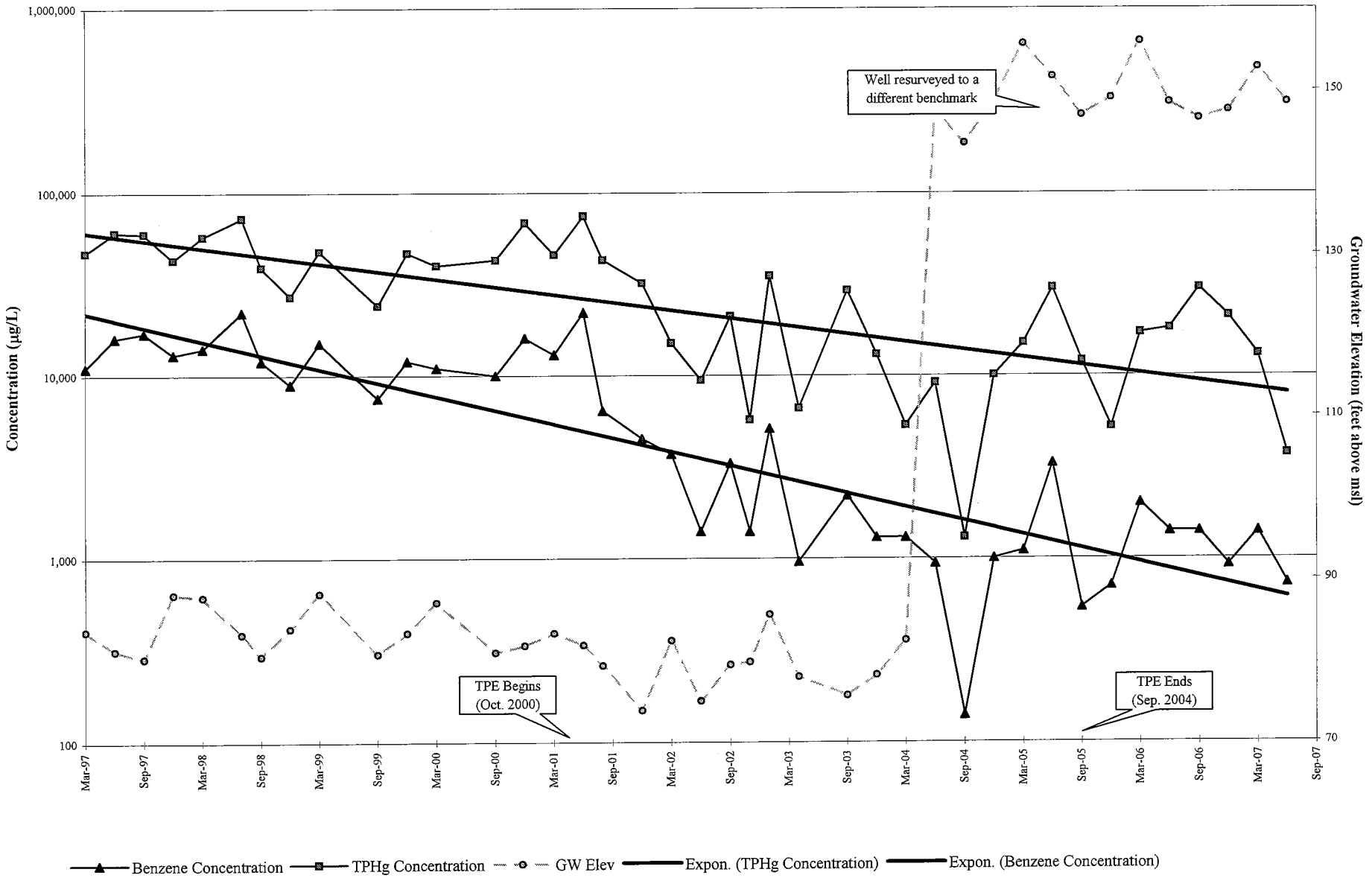
TPHg and Benzene Concentration Trends
Well MW-2 (March 1997 to Present)



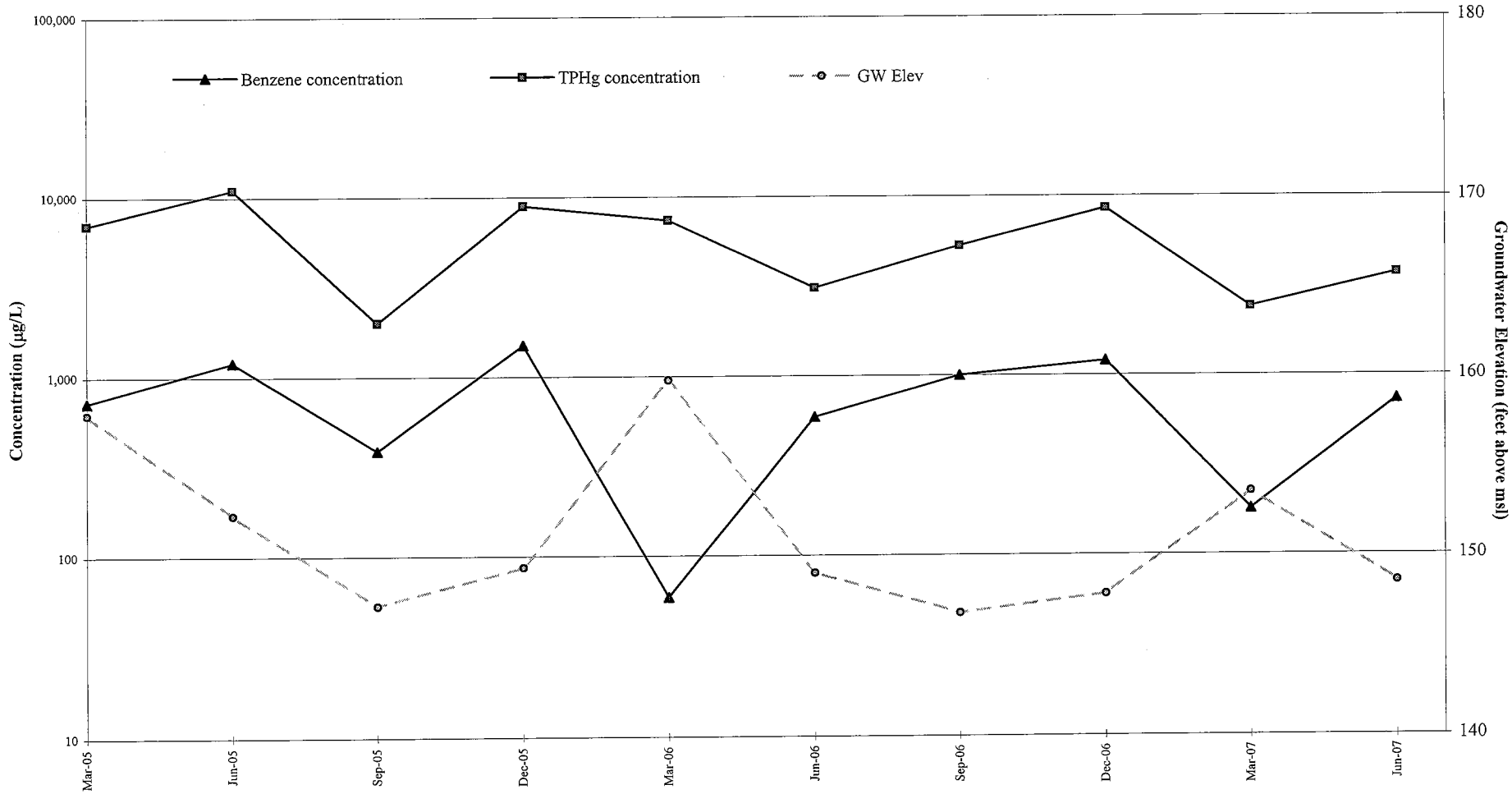
TPHg and Benzene Concentration Trends
Well MW-3 (March 1997 to Present)



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)