Denis L. Brown

Shell Oil Products US
HSE – Environmental Services
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May 18, 2006
Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: First Quarter 2006 Groundwater Monitoring Report
Shell-branded Service Station
540 Hegenberger Road
Oakland, California
SAP Code 135694
Incident No. 98995752
ACHCSA Case #RO-0223

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *First Quarter 2006 Groundwater Monitoring Reportt* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Denis L. Brown
Sr. Environmental Engineer

CAMBRIA

May 18, 2006

Jerry Wickham
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RECEIVED
By lopprojectop at 10:46 am, May 22, 2006

Re: **First Quarter 2006 Groundwater Monitoring Report**
Shell-branded Service Station
540 Hegenberger Road
Oakland, California
SAP Code 135694
Incident #98995752
Cambria Project #248-0414-002
ACHCSA Case # RO-0223

Dear Mr. Wickham:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell), Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

FIRST QUARTER 2006 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged water levels, sampled the monitoring wells, calculated groundwater elevations, and compiled the analytical data. The adjacent Arco station located at 566 Hegenberger Road was sampled concurrently. Cambria prepared a vicinity map which includes previously submitted well survey information (Figure 1) and a groundwater elevation contour map (Figure 2). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A. Data from the Arco site is presented on Figure 2 and included as Attachment B.

Historical Interim Remediation Summary: From July 1999 through June 2000, mobile groundwater extraction (GWE) using a vacuum truck was performed to remove dissolved-phase hydrocarbons and methyl tertiary-butyl ether (MTBE) from beneath the site. From June through December 2000, mobile dual-phase vacuum extraction (DVE) using a vacuum truck and carbon vapor abatement was conducted to enhance GWE and to extract vapor-phase hydrocarbons and

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MTBE from the soil as well. DVE was discontinued after the December 2000 event, but was reinstated on a monthly basis in May 2001. Due to low vapor mass-removal rates, DVE was discontinued in October 2001, and monthly GWE was reinstated. Monitoring wells MW-1 and MW-3 and tank backfill well BW-D were used for extraction until April 2002, when extraction from the tank backfill was switched from well BW-D to BW-B due to higher historical MTBE concentrations observed in this well. A total of 13.7 pounds of MTBE was removed from the subsurface during mobile DVE and GWE events. Monthly GWE events were discontinued in March 2003 when construction of a fixed GWE system began.

GWE System: Based on the groundwater monitoring and GWE system data, which demonstrated decreased MTBE concentrations in groundwater, Cambria shut down GWE system operation on August 4, 2004. After reviewing the third quarter 2004 groundwater monitoring data, which showed rebound of MTBE concentrations in well MW-3 (28,000 parts per billion [ppb] on September 22, 2004), Cambria restarted the system on November 2, 2004, pumping only from well MW-3.

After the system was restarted, the fourth quarter 2004 groundwater monitoring data showed a significant decrease in MW-3 concentrations (84 ppb on December 22, 2004). Based on this and GWE system influent data from the first quarter 2005 (see Table 1), Cambria shut the system down again on March 2, 2005. MTBE concentrations across the site remained low during the first quarter 2005 sampling event (85 ppb MTBE in MW-3 on February 23, 2005), and the system remained off throughout the second quarter of 2005. After reviewing the second quarter 2005 groundwater monitoring data, which showed rebound of MTBE concentrations in well MW-3 (6,100 ppb on June 27, 2005), Cambria restarted the system on July 29, 2005, pumping only from well MW-3.

After the system was restarted, the third quarter 2005 groundwater monitoring data showed a significant decrease in MW-3 MTBE concentrations (300 ppb on August 31, 2005). Based on this and GWE system influent data from the third and fourth quarters of 2005 (see Table 1), Cambria shut the system down again on November 8, 2005. Cambria operated the system on January 3, 2006 and March 6, 2006, for the purpose of processing rainwater that had accumulated in the remediation compound. Fourth quarter 2005 and first quarter 2006 groundwater monitoring data indicate that MTBE concentrations remain low in well MW-3 (303 and 313 ppb, respectively).

Table 1 summarizes GWE system analytical data. Table 2 summarizes the field data and system operation and calculates mass removal. Through March 6, 2006, a total of 360,470 gallons of groundwater has been extracted. A total of 18.4 pounds of MTBE has been recovered.

ANTICIPATED SECOND QUARTER 2006 ACTIVITIES

Groundwater Monitoring: Blaine will gauge water levels, sample the monitoring wells, and tabulate the data. In addition, Blaine will sample tank backfill well BW-D. Cambria will prepare a groundwater monitoring report.

GWE System: Except for processing rainwater that may accumulate in the compound, the GWE system is expected to remain off throughout the second quarter 2006. Cambria will continue to evaluate subsequent groundwater monitoring and sampling data to determine the appropriate course of action for the GWE system.

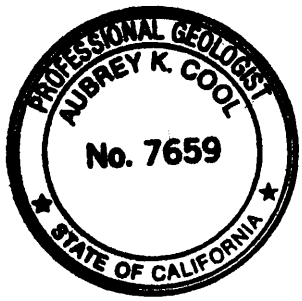
CLOSING

We appreciate the opportunity to work with you on this project. Please call Cynthia Vasko at (510) 420-3344 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

Cynthia Vasko
Project Engineer

Aubrey K. Cool, P.G.
Senior Project Geologist



Figures: 1 - Site Vicinity and Area Well Survey Map
2 - Groundwater Elevation Contour Map

Tables: 1 - Groundwater Extraction - System Analytical Data
2 - Groundwater Extraction - Operation and Mass Removal Data

Attachments: A - Blaine Groundwater Monitoring Report and Field Notes
B - Arco Groundwater Data

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810

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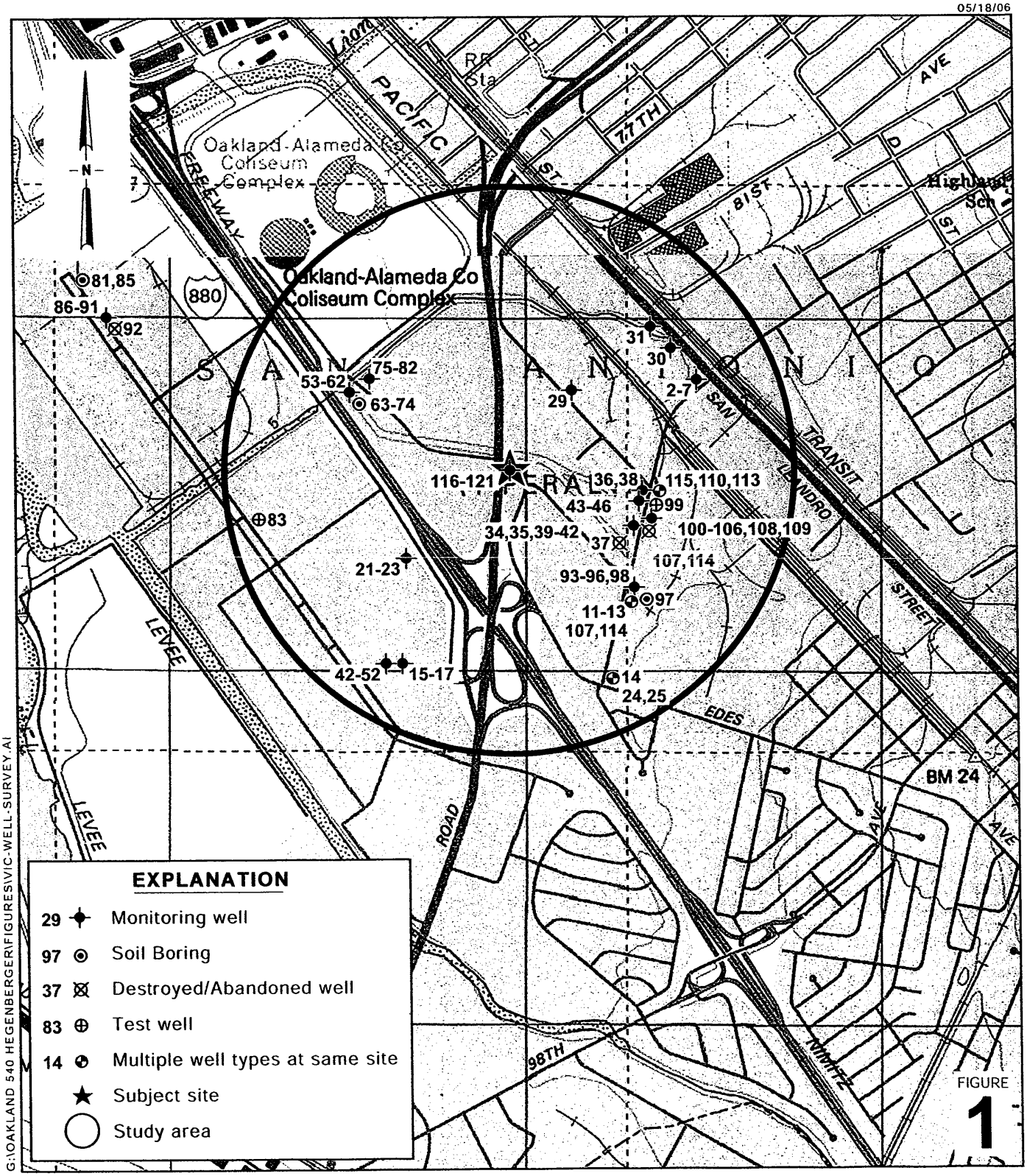
05/18/06



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Shell-branded Service Station
540 Hegenberger Road
Oakland, California
Incident No.98995752

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Site Vicinity and Area Well Survey Map

(1/2-Mile Radius)

05/02/06

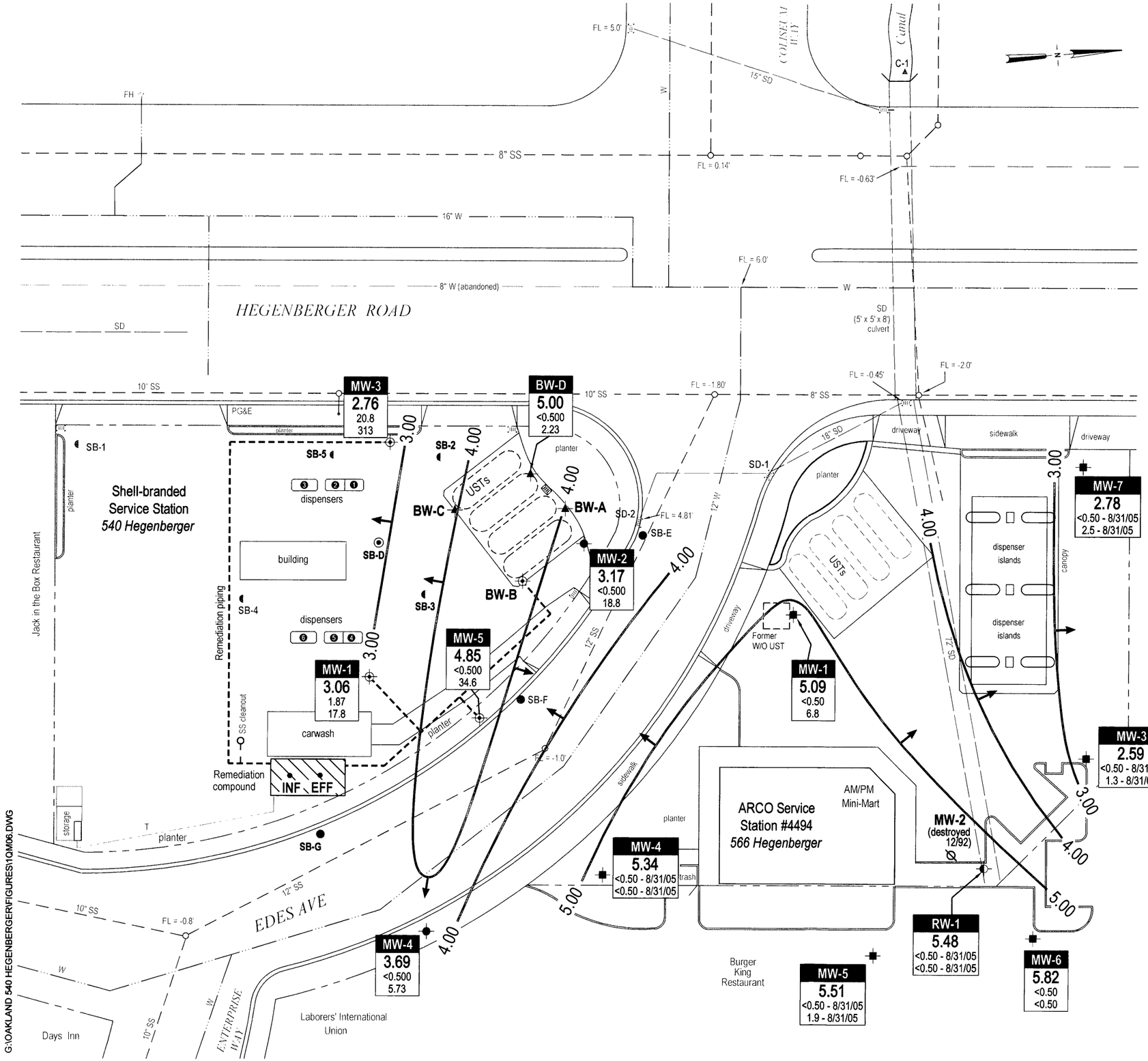
Groundwater Elevation Contour Map

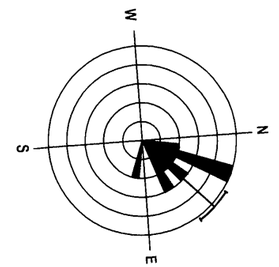
March 8, 2006

EXPLANATION

- MW-2 — Shell monitoring well
- BW-A — Tank backfill well
- MW-1 — Well used for groundwater extraction
- MW-1 — ARCO monitoring well
- RW-1 — ARCO recovery well
- SB-1 — Soil boring location (March 1998)
- SB-D — Soil boring location (July 1998)
- SB-E — Soil boring location (August 2000)
- C-1 — Former canal sampling location
- Sanitary sewer main (SS)
- Water line (W)
- Telephone line (T)
- Storm drain (SD)
- Flow direction
- FH — Fire hydrant
- FL = 5.0' — Flowline elevation (msl)
- INF — GWE Sample Location
- Groundwater flow direction
- XX.XX — Groundwater elevation contour, in feet above msl, approximately located, dashed where inferred

Well designation
ELEV — Groundwater elevation, in feet above msl
Benzene / MTBE — Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8260.





Shell Groundwater Gradient Direction
August 1998 through March 2003
(20 events prior to groundwater extraction)

0 20 40 80
Scale (ft)

FIGURE
2

Shell-branded Service Station
540 Hegenberger Road
Oakland, California
Incident No.98995752

CAMBRIA

G:\OAKLAND 540 HEGENBERGER\FIGURES\1QM06.DWG

Table 1: **Groundwater Extraction - System Analytical Data -** Shell-branded Service Station, Incident #98995752, 540 Hegenberger Road, Oakland, CA

	Influent			Midfluent 1			Midfluent 2			Effluent		
Sample Date (mm/dd/yyyy)	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc (ppb)	TPHg Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc (ppb)
04/28/2003	<1,000	<10	2,700	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
05/12/2003	<10,000	<100	21,000	51[a]	<0.50	<0.50	140[a]	<0.50	<0.50	99[a]	<0.50	<0.50
05/27/2003	<10,000	<100	29,000	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
06/09/2003	<25,000	<250	20,000	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
06/23/2003	<500	<5.0	1,300	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
07/08/2003	<1,000	<10	2,000	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
07/25/2003	<500	<50	16,000	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
08/05/2003	<5,000	<50	11,000	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<0.50	<5.0
08/19/2003	<10,000	<100	13,000	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<0.50	<5.0
09/05/2003	<5,000	<50	8,900	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<0.50	<5.0
09/19/2003	<2,000	<20	6,900	58	<0.50	<5.0	<50	<0.50	<5.0	<50	<0.50	<5.0
10/01/2003	<2,500	<25	5,300	<100	<1.0	<10	<50	<0.50	<5.0	<50	<0.50	<5.0
11/14/2003	<1,300	20	1,300	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<0.50	<5.0
12/02/2003	<1,300	45	1,200	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<0.50	<5.0
12/18/2003	<1,000	11	1,200	<500	<5.0	<50	<50	<0.50	<5.0	<50	<0.50	<5.0
01/06/2004	<250	<2.5	240	<500	<5.0	<50	<50	<0.50	<5.0	<50	<0.50	<5.0
02/04/2004	<500	<5.0	620	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
03/09/2004	<100	<1.0	100	<50	<0.50	<0.50	NS	NS	NS	NS	NS	NS
04/02/2004	<100	<1.0	110	<50	<0.50	<0.50	NS	NS	NS	NS	NS	NS
05/14/2004	<100	<1.0	270	<50	<0.50	<5.0	NS	NS	NS	NS	NS	NS
06/10/2004	<100	1.4	180	<50	<0.50	<5.0	NS	NS	NS	NS	NS	NS
07/08/2004	<100	<1.0	190	<50	<0.50	<5.0	<50	<0.50	<5.0	NS	NS	NS
08/04/2004	<100	<1.0	160	<50	<0.50	<0.50	NS	NS	NS	<50	<0.50	<0.50
11/02/2004	<100	6.6	240	130	<0.50	<5.0	<50	<0.50	<5.0	NS	NS	NS

Table 1: **Groundwater Extraction - System Analytical Data -** Shell-branded Service Station, Incident #98995752, 540 Hegenberger Road, Oakland, CA

	Influent			Midfluent 1			Midfluent 2			Effluent		
Sample Date (mm/dd/yyyy)	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc (ppb)	TPHg Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc (ppb)
11/23/2004	<100	<1.0	170	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<0.50	<5.0
12/06/2004	<100	<1.0	91	<50	<0.50	<5.0	NS	NS	NS	<50	<0.50	<5.0
01/04/2005	51[b]	<0.50	12	<50	<0.50	<5.0	NS	NS	NS	NS	NS	NS
02/02/2005	87	<0.50	79	210	<0.50	<5.0	NS	NS	NS	NS	NS	NS
03/02/2005	<50	<0.50	58	<50	<0.50	<5.0	NS	NS	NS	<50	<0.50	<5.0
08/12/2005	490[a]	4.0	110	<50	<0.50	<5.0	<50	<0.50	<5.0	NS	NS	NS
10/14/2005	<50	<0.50	11	<50	<0.50	<5.0	NS	NS	NS	<50	<0.50	<5.0
11/08/2005	<50	<0.50	12	<50	<0.50	<5.0	NS	NS	NS	NS	NS	NS

Abbreviations & Notes:

TPHg = Total purgeable hydrocarbons as gasoline
MTBE = Methyl tertiary butyl ether
Conc. = Concentration
ppb = parts per billion, equivalent to µg/l
TPHg, benzene, and MTBE analyzed by EPA Method 8260B
a = Hydrocarbons reported in the gasoline range do not match the laboratory gasoline standard.
b = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

Table 2: Groundwater Extraction - Operation and Mass Removal Data - Shell-branded Service Station, Incident #98995752, 540 Hegenberger Road , Oakland, CA

			Period			TPHg			Benzene			MTBE		
Site Visit (mm/dd/yy)	Hour Meter (hours)	Flow Meter Reading (gal)	Period Volume (gal)	Operational Flow Rate (gpm)	Cumulative Volume (gal)	TPHg Conc. (ppb)	Period Removal (pounds)	Cumulative Removal (pounds)	Benzene Conc. (ppb)	Period Removal (pounds)	Cumulative Removal (pounds)	MTBE Conc. (ppb)	Period Removal (pounds)	Cumulative Removal (pounds)
04/28/03	3.3	840	0	0.00	0	<1,000	0.000	0.000	<10	0.000	0.000	2,700	0.000	0.000
05/02/03	101.3	6,680	5,840	0.99	5,840		0.024	0.024		0.000	0.000		0.132	0.132
05/12/03	341.2	23,885	17,205	1.20	23,045	<10,000	0.718	0.742	<100	0.007	0.007	21,000	3.015	3.146
05/27/03	699.9	45,085	21,200	0.99	44,245	<10,000	0.885	1.627	<100	0.009	0.016	29,000	5.130	8.277
06/09/03	1011.8	58,453	13,368	0.71	57,613	<25,000	1.394	3.021	<250	0.014	0.030	20,000	2.231	10.507
06/23/03	1347.2	67,082	8,629	0.43	66,242	<500	0.018	3.039	<5.0	0.000	0.030	1,300	0.094	10.601
07/08/03	1706.9	80,092	13,010	0.60	79,252	<1,000	0.054	3.093	<10	0.001	0.031	2,000	0.217	10.818
07/25/03	2113.6	97,580	17,488	0.72	96,740	<500	0.036	3.130	<50	0.004	0.035	16,000	2.335	13.153
08/05/03	2136.0	98,536	956	0.71	97,696	<5,000	0.020	3.150	<50	0.000	0.035	11,000	0.088	13.241
08/19/03	2473.8	114,245	15,709	0.78	113,405	<10,000	0.655	3.805	<100	0.007	0.041	13,000	1.704	14.945
09/05/03	2881.3	125,020	10,775	0.44	124,180	<5,000	0.225	4.030	<50	0.002	0.044	8,900	0.800	15.745
09/19/03	3218.8	136,594	11,574	0.57	135,754	<2,000	0.097	4.126	<20	0.001	0.045	6,900	0.666	16.411
10/01/03	3503.6	145,329	8,735	0.51	144,489	<2,500	0.091	4.218	<25	0.001	0.045	5,300	0.386	16.798
10/17/03	3821.0	154,978	9,649	0.51	154,138		0.101	4.318		0.001	0.046		0.427	17.224
10/31/03	4155.5	165,292	10,314	0.51	164,452		0.108	4.426		0.001	0.048		0.456	17.681
11/14/03	4299.6	171,405	6,113	0.71	170,565	<1,300	0.033	4.459	20	0.001	0.049	1,300	0.066	17.747
11/19/03	4300.4	171,405	0	0.00	170,565		0.000	4.459		0.000	0.049		0.000	17.747
11/26/03	4468.3	179,248	7,843	0.78	178,408		0.043	4.502		0.001	0.050		0.085	17.832
12/02/03	4614.1	186,020	6,772	0.77	185,180	<1,300	0.037	4.538	45	0.003	0.052	1,200	0.068	17.900
12/18/03	5000.8	205,130	19,110	0.82	204,290		0.104	4.642		0.007	0.060		0.191	18.091
01/02/04	5361.9	209,447	4,317	0.20	208,607		0.023	4.665		0.002	0.061		0.043	18.134
01/06/04	5451.1	210,081	634	0.12	209,241	<250	0.001	4.666	<2.5	0.000	0.061	240	0.001	18.136
01/20/04	5788.5	214,091	4,010	0.20	213,251		0.004	4.670		0.000	0.061		0.008	18.144
01/28/04	5842.8	215,451	1,360	0.42	214,611		0.001	4.672		0.000	0.061		0.003	18.146
02/04/04	5987.0	220,414	4,963	0.57	219,574	<500	0.010	4.682	<5.0	0.000	0.061	620	0.026	18.172
02/18/04	6343.4	222,732	2,318	0.11	221,892		0.005	4.687		0.000	0.061		0.012	18.184
02/20/04	6392.8	223,811	1,079	0.36	222,971		0.002	4.689		0.000	0.061		0.006	18.190
03/09/04	6688.4	229,070	5,259	0.30	228,230	<100	0.002	4.691	<1.0	0.000	0.061	100	0.004	18.194
03/25/04	7074.7	234,471	5,401	0.23	233,631		0.002	4.693		0.000	0.061		0.005	18.199
04/02/04	7262.7	237,008	2,537	0.22	236,168	<100	0.001	4.695	<1.0	0.000	0.062	110	0.002	18.201
04/14/04	7554.7	238,665	1,657	0.09	237,825		0.001	4.695		0.000	0.062		0.002	18.202
04/27/04	7864.7	266,992	28,327	1.52	266,152		0.012	4.707		0.000	0.062		0.026	18.228
05/14/04	8271.1	281,246	14,254	0.58	280,406	<100	0.006	4.713	<1.0	0.000	0.062	270	0.032	18.261
05/26/04	8556.7	300,888	19,642	1.15	300,048		0.008	4.721		0.000	0.062		0.044	18.305
06/10/04	8922.2	304,323	3,435	0.16	303,483	<100	0.001	4.723	1.4	0.000	0.062	180	0.005	18.310
06/15/04	9017.3	310,562	6,239	1.09	309,722		0.003	4.725		0.000	0.062		0.009	18.319
06/23/04	9209.9	315,074	4,512	0.39	314,234		0.002	4.727		0.000	0.062		0.007	18.326
07/08/04	9574.6	316,639	1,565	0.07	315,799	<100	0.001	4.728	<1.0	0.000	0.062	190	0.002	18.329
07/23/04	9933.6	325,405	8,767	0.41	324,565		0.004	4.731		0.000	0.062		0.014	18.342
08/04/04	10219.5	331,453	6,048	0.35	330,613	<100	0.003	4.734	<1.0	0.000	0.062	160	0.008	18.351
11/02/04	10221.8	331,745	292	2.12	330,905	<100	0.000	4.734	6.6	0.000	0.062	240	0.001	18.351
11/23/04	10578.6	338,624	6,879	0.32	337,784	<100	0.003	4.737	<1.0	0.000	0.062	170	0.010	18.361

Table 2: Groundwater Extraction - Operation and Mass Removal Data - Shell-branded Service Station, Incident #98995752, 540 Hegenberger Road , Oakland, CA

		Period				TPHg			Benzene			MTBE		
Site Visit (mm/dd/yy)	Hour Meter (hours)	Flow Meter Reading (gal)	Period Volume (gal)	Operational Flow Rate (gpm)	Cumulative Volume (gal)	TPHg Conc. (ppb)	Period Removal (pounds)	Cumulative Removal (pounds)	Benzene Conc. (ppb)	Period Removal (pounds)	Cumulative Removal (pounds)	MTBE Conc. (ppb)	Period Removal (pounds)	Cumulative Removal (pounds)
04/28/03	3.3	840	0	0.00	0	<1,000	0.000	0.000	<10	0.000	0.000	2,700	0.000	0.000
05/02/03	101.3	6,680	5,840	0.99	5,840		0.024	0.024		0.000	0.000		0.132	0.132
05/12/03	341.2	23,885	17,205	1.20	23,045	<10,000	0.718	0.742	<100	0.007	0.007	21,000	3.015	3.146
05/27/03	699.9	45,085	21,200	0.99	44,245	<10,000	0.885	1.627	<100	0.009	0.016	29,000	5.130	8.277
06/09/03	1011.8	58,453	13,368	0.71	57,613	<25,000	1.394	3.021	<250	0.014	0.030	20,000	2.231	10.507
06/23/03	1347.2	67,082	8,629	0.43	66,242	<500	0.018	3.039	<5.0	0.000	0.030	1,300	0.094	10.601
07/08/03	1706.9	80,092	13,010	0.60	79,252	<1,000	0.054	3.093	<10	0.001	0.031	2,000	0.217	10.818
07/25/03	2113.6	97,580	17,488	0.72	96,740	<500	0.036	3.130	<50	0.004	0.035	16,000	2.335	13.153
08/05/03	2136.0	98,536	956	0.71	97,696	<5,000	0.020	3.150	<50	0.000	0.035	11,000	0.088	13.241
08/19/03	2473.8	114,245	15,709	0.78	113,405	<10,000	0.655	3.805	<100	0.007	0.041	13,000	1.704	14.945
09/05/03	2881.3	125,020	10,775	0.44	124,180	<5,000	0.225	4.030	<50	0.002	0.044	8,900	0.800	15.745
09/19/03	3218.8	136,594	11,574	0.57	135,754	<2,000	0.097	4.126	<20	0.001	0.045	6,900	0.666	16.411
10/01/03	3503.6	145,329	8,735	0.51	144,489	<2,500	0.091	4.218	<25	0.001	0.045	5,300	0.386	16.798
10/17/03	3821.0	154,978	9,649	0.51	154,138		0.101	4.318		0.001	0.046		0.427	17.224
10/31/03	4155.5	165,292	10,314	0.51	164,452		0.108	4.426		0.001	0.048		0.456	17.681
11/14/03	4299.6	171,405	6,113	0.71	170,565	<1,300	0.033	4.459	20	0.001	0.049	1,300	0.066	17.747
11/19/03	4300.4	171,405	0	0.00	170,565		0.000	4.459		0.000	0.049		0.000	17.747
11/26/03	4468.3	179,248	7,843	0.78	178,408		0.043	4.502		0.001	0.050		0.085	17.832
12/02/03	4614.1	186,020	6,772	0.77	185,180	<1,300	0.037	4.538	45	0.003	0.052	1,200	0.068	17.900
12/18/03	5000.8	205,130	19,110	0.82	204,290		0.104	4.642		0.007	0.060		0.191	18.091
01/02/04	5361.9	209,447	4,317	0.20	208,607		0.023	4.665		0.002	0.061		0.043	18.134
01/06/04	5451.1	210,081	634	0.12	209,241	<250	0.001	4.666	<2.5	0.000	0.061	240	0.001	18.136
01/20/04	5788.5	214,091	4,010	0.20	213,251		0.004	4.670		0.000	0.061		0.008	18.144
01/28/04	5842.8	215,451	1,360	0.42	214,611		0.001	4.672		0.000	0.061		0.003	18.146
02/04/04	5987.0	220,414	4,963	0.57	219,574	<500	0.010	4.682	<5.0	0.000	0.061	620	0.026	18.172
02/18/04	6343.4	222,732	2,318	0.11	221,892		0.005	4.687		0.000	0.061		0.012	18.184
02/20/04	6392.8	223,811	1,079	0.36	222,971		0.002	4.689		0.000	0.061		0.006	18.190
03/09/04	6688.4	229,070	5,259	0.30	228,230	<100	0.002	4.691	<1.0	0.000	0.061	100	0.004	18.194
03/25/04	7074.7	234,471	5,401	0.23	233,631		0.002	4.693		0.000	0.061		0.005	18.199
04/02/04	7262.7	237,008	2,537	0.22	236,168	<100	0.001	4.695	<1.0	0.000	0.062	110	0.002	18.201
04/14/04	7554.7	238,665	1,657	0.09	237,825		0.001	4.695		0.000	0.062		0.002	18.202
04/27/04	7864.7	266,992	28,327	1.52	266,152		0.012	4.707		0.000	0.062		0.026	18.228
05/14/04	8271.1	281,246	14,254	0.58	280,406	<100	0.006	4.713	<1.0	0.000	0.062	270	0.032	18.261
05/26/04	8556.7	300,888	19,642	1.15	300,048		0.008	4.721		0.000	0.062		0.044	18.305
06/10/04	8922.2	304,323	3,435	0.16	303,483	<100	0.001	4.723	1.4	0.000	0.062	180	0.005	18.310
06/15/04	9017.3	310,562	6,239	1.09	309,722		0.003	4.725		0.000	0.062		0.009	18.319
06/23/04	9209.9	315,074	4,512	0.39	314,234		0.002	4.727		0.000	0.062		0.007	18.326
07/08/04	9574.6	316,639	1,565	0.07	315,799	<100	0.001	4.728	<1.0	0.000	0.062	190	0.002	18.329
07/23/04	9933.6	325,405	8,767	0.41	324,565		0.004	4.731		0.000	0.062		0.014	18.342
08/04/04	10219.5	331,453	6,048	0.35	330,613	<100	0.003	4.734	<1.0	0.000	0.062	160	0.008	18.351
11/02/04	10221.8	331,745	292	2.12	330,905	<100	0.000	4.734	6.6	0.000	0.062	240	0.001	18.351
11/23/04	10578.6	338,624	6,879	0.32	337,784	<100	0.003	4.737	<1.0	0.000	0.062	170	0.010	18.361

Table 2: Groundwater Extraction - Operation and Mass Removal Data - Shell-branded Service Station, Incident #98995752, 540 Hegenberger Road , Oakland, CA

			Period			TPHg			Benzene			MTBE		
Site Visit (mm/dd/yy)	Hour Meter (hours)	Flow Meter Reading (gal)	Period Volume (gal)	Operational Flow Rate (gpm)	Cumulative Volume (gal)	TPHg Conc. (ppb)	Period Removal (pounds)	Cumulative Removal (pounds)	Benzene Conc. (ppb)	Period Removal (pounds)	Cumulative Removal (pounds)	MTBE Conc. (ppb)	Period Removal (pounds)	Cumulative Removal (pounds)
12/06/04	10893.4	338,754	130	0.01	337,914	<100	0.000	4.737	<1.0	0.000	0.062	91	0.000	18.361
12/17/04	11154.0	344,387	5,633	0.36	343,547		0.002	4.739		0.000	0.062		0.004	18.365
01/04/05	11543.0	348,748	4,361	0.19	347,908	51	0.002	4.741	<0.50	0.000	0.062	12	0.000	18.366
01/21/05	11955.3	350,749	2,001	0.08	349,909		0.001	4.742		0.000	0.062		0.000	18.366
02/02/05	12153.7	353,595	2,846	0.24	352,755	87	0.002	4.744	<0.50	0.000	0.062	79	0.002	18.368
02/17/05	12509.4	354,130	535	0.03	353,290		0.000	4.744		0.000	0.062		0.000	18.368
03/02/05	12820.7	355,702	1,572	0.08	354,862	<50	0.000	4.745	<0.50	0.000	0.062	58	0.001	18.369
07/29/05	12822.9	355,917	215	1.63	355,077		0.000	4.745		0.000	0.062		0.000	18.369
08/12/05	13157.6	355,970	53	0.00	355,130	490	0.000	4.745	4.0	0.000	0.062	110	0.000	18.369
08/29/05	13159.7	356,018	48	0.38	355,178		0.000	4.745		0.000	0.062		0.000	18.369
09/12/05	13496.5	356,026	8	0.00	355,186		0.000	4.745		0.000	0.062		0.000	18.369
09/29/05	13496.5	356,026	0	0.00	355,186		0.000	4.745		0.000	0.062		0.000	18.369
10/14/05	13857.4	358,131	2,105	0.10	357,291	<50	0.000	4.746	<0.50	0.000	0.062	11	0.000	18.369
10/26/05	14147.8	360,031	1,900	0.11	359,191		0.000	4.746		0.000	0.062		0.000	18.369
11/08/05	14456.0	361,310	1,279	0.07	360,470	<50	0.000	4.746	<0.50	0.000	0.062	12	0.000	18.370
01/03/06	14456.0	362,050	740	0.00	361,210	rainwater			rainwater			rainwater		
03/06/06	14456.3	362,351	301	0.00	361,511	rainwater			rainwater			rainwater		
		Total Extracted Volume=		**360,470**		**Total Pounds Removed:**		**4.75**	**Total Pounds Removed:**		**0.062**	**Total Pounds Removed:**		**18.4**
		Average Period Operational Flow Rate=		**0.06**		**Total Gallons Removed:**		**0.779**	**Total Gallons Removed:**		**0.008**	**Total Gallons Removed:**		**2.97**

Abbreviations & Notes:

TPHg = Total purgeable hydrocarbons as gasoline
MTBE = Methyl tertiary butyl ether
Conc. = Concentration
ppb = Parts per billion, equivalent to µg/L
µg/L = Micrograms per liter
L = Liter gal = Gallon g = Gram
Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x ($g/10^6 \mu g$) x (pound/453.6g) x (3.785 L/gal)
When constituents are not detected, the concentration is assumed to be equal to half the detection limit in subsequent calculations.
Volume removal data based on the formula: mass (pounds) x $(density)^{-1}$ (cc/g) x 453.6 (g/pound) x (L/1000 cc) * (gal/3.785 L)
Density inputs: TPHg = 0.73 g/cc, benzene = 0.88 g/cc, MTBE = 0.74 g/cc
TPHg, BTEX, and MTBE analyzed by EPA Method 8260B
System started on 4/28/03 with 3.3hours and 880 gallons on flow meter.

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

April 10, 2006

Denis Brown
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

First Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Monitoring performed on March 8, 2006

Groundwater Monitoring Report **060308-DR-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Anni Kreml
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

WELL CONCENTRATIONS
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1 (a)	08/26/1998	2,700	28	55	59	39	33,000	NA	NA	NA	NA	NA	NA	10.54	7.91	2.63	1.8
MW-1 (b)	08/26/1998	<1,000	22	<10	<10	<10	17,000	NA	NA	NA	NA	NA	NA	10.54	7.91	2.63	2.2
MW-1	12/28/1998	<5,000	<50.0	<50.0	<50.0	<50.0	153,000	33,000	NA	NA	NA	NA	NA	10.54	8.75	1.79	1.9
MW-1	03/29/1999	<2,000	<20.0	<20.0	<20.0	<20.0	693,000	NA	NA	NA	NA	NA	NA	10.54	8.32	2.22	2.0
MW-1	06/22/1999	20,000	<200	<200	<200	<200	150,000	NA	NA	NA	NA	NA	NA	10.54	9.05	1.49	1.7
MW-1	09/30/1999	<2,500	<25.0	<25.0	<25.0	<25.0	30,900	NA	NA	NA	NA	NA	NA	10.54	8.35	2.19	2.6
MW-1	11/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.54	9.58	0.96	NA
MW-1	11/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.54	9.65	0.89	NA
MW-1	12/02/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.54	9.55	0.99	NA
MW-1	12/10/1999	<50.0	29.7	<20.0	<20.0	<20.0	76,300	NA	NA	NA	NA	NA	NA	10.54	8.86	1.68	1.2
MW-1	03/02/2000	<2,500	<25.0	<25.0	<25.0	<25.0	27,600	NA	NA	NA	NA	NA	NA	10.54	8.83	1.71	3.2
MW-1	06/08/2000	<2,000	<20.0	<20.0	<20.0	<20.0	59,000	67,600	NA	NA	NA	NA	NA	10.54	7.78	2.76	1.9
MW-1	09/05/2000	<10,000	411	<100	<100	<100	71,100	115,000e	NA	NA	NA	NA	NA	10.54	7.84	2.70	NA
MW-1	12/15/2000	35,600	1,310	<50.0	<50.0	<50.0	136,000	f	NA	NA	NA	NA	NA	10.54	7.65	2.89	NA
MW-1	03/09/2001	<10,000	1,390	<100	<100	<100	89,600	164,000	NA	NA	NA	NA	NA	10.54	6.44	4.10	NA
MW-1	06/27/2001	<5,000	<50	<50	<50	<50	NA	19,000	NA	NA	NA	NA	NA	10.54	8.46	2.08	NA
MW-1	09/19/2001	<5,000	<50	<50	<50	<50	NA	52,000	NA	NA	NA	NA	NA	10.54	8.10	2.44	NA
MW-1	12/31/2001	<5,000	<25	<25	<25	<25	NA	17,000	NA	NA	NA	NA	NA	10.54	7.31	3.23	NA
MW-1	03/14/2002	<20,000	<200	<200	<200	<200	NA	60,000	NA	NA	NA	NA	NA	10.54	7.68	2.86	NA
MW-1	06/25/2002	<5,000	<50	<50	<50	<50	NA	34,000	NA	NA	NA	NA	NA	10.54	8.40	2.14	NA
MW-1	09/19/2002	<2,500	<25	<25	<25	<25	NA	18,000	NA	NA	NA	NA	NA	10.52	8.58	1.94	NA
MW-1	12/12/2002	<5,000	<50	<50	<50	<50	NA	30,000	NA	NA	NA	NA	NA	10.52	8.41	2.11	NA
MW-1	01/02/2003	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA	NA	NA	10.52	7.45	3.07	NA
MW-1	03/20/2003 g	3,800	<25	<25	<25	<25	5,500	NA	NA	NA	NA	NA	NA	10.52	8.21	2.31	NA
MW-1	06/23/2003	<10,000	<100	<100	<100	<200	NA	35,000	NA	NA	NA	NA	NA	10.52	9.02	1.50	NA
MW-1	09/22/2003	<5,000	<50	<50	<50	<100	NA	15,000	NA	NA	NA	NA	NA	10.52	15.74	-5.22	NA
MW-1	12/03/2003	<1,300	<13	<13	<13	<25	NA	3,600	NA	NA	NA	NA	NA	10.52	18.35 h	NA	NA
MW-1	03/18/2004	<250	<2.5	<2.5	<2.5	<5.0	NA	570	NA	NA	NA	NA	NA	10.52	7.32	3.20	NA
MW-1	05/25/2004	<250	<2.5	<2.5	<2.5	<5.0	NA	250	NA	NA	NA	NA	NA	10.52	6.80	3.72	NA
MW-1	09/22/2004	<2,000	<20	<20	<20	<40	NA	170	<80	<80	<80	20,000	<2,000	10.52	6.55	3.97	NA

WELL CONCENTRATIONS
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	12/22/2004	<500	<5.0	<5.0	<5.0	<10	NA	57	NA	NA	NA	NA	NA	10.52	6.44	4.08	NA
MW-1	02/23/2005	<2,000	<20	<20	<20	<40	NA	110	NA	NA	NA	NA	NA	10.52	5.79	4.73	NA
MW-1	06/27/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	16	NA	NA	NA	NA	NA	10.52	6.43	4.09	NA
MW-1	08/31/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	32	<10	<10	<10	4,000	<250	9.27	6.38	2.89	NA
MW-1	12/14/2005	<50.0	<0.500	2.03	<0.500	<0.500	NA	30.4	NA	NA	NA	NA	NA	9.27	6.46	2.81	NA
MW-1	**03/08/2006**	**417**	**1.87**	**<0.500**	**<0.500**	**0.830**	**NA**	**17.8**	**NA**	**NA**	**NA**	**3,380**	**NA**	**9.27**	**6.21**	**3.06**	**NA**
MW-2 (a)	08/26/1998	<250	3.2	<2.5	<2.5	<2.5	4,000	NA	NA	NA	NA	NA	NA	9.21	7.18	2.03	2.4
MW-2 (b)	08/26/1998	<250	3.1	<2.5	<2.5	<2.5	4,800	NA	NA	NA	NA	NA	NA	9.21	7.18	2.03	2.7
MW-2 (D)(b)	08/26/1998	<250	4.8	<2.5	<2.5	6.0	3,300	NA	NA	NA	NA	NA	NA	9.21	7.18	2.03	2.7
MW-2	12/28/1998	<50.0	<0.500	<0.500	<0.500	<0.500	28.8	NA	NA	NA	NA	NA	NA	9.21	7.34	1.87	2.1
MW-2	03/29/1999	235	<0.500	<0.500	<0.500	3.4	101	NA	NA	NA	NA	NA	NA	9.21	6.85	2.36	2.0
MW-2	06/22/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	9.21	7.10	2.11	1.9
MW-2	09/30/1999	<50.0	<0.500	<0.500	<0.500	<0.500	1,700	NA	NA	NA	NA	NA	NA	9.21	8.06	1.15	1.0
MW-2	12/10/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	9.21	8.61	0.60	1.4
MW-2	03/02/2000	<500	11.5	<5.00	<5.00	<5.00	5,280	NA	NA	NA	NA	NA	NA	9.21	6.33	2.88	0.4
MW-2	06/08/2000	<50.0	0.670	<0.500	<0.500	<0.500	3,160	NA	NA	NA	NA	NA	NA	9.21	6.87	2.34	1.6
MW-2	09/05/2000	<1,000	<10.0	<10.0	<10.0	<10.0	9,600	NA	NA	NA	NA	NA	NA	9.21	6.79	2.42	NA
MW-2	12/15/2000	<200	<2.00	<2.00	<2.00	<2.00	6,320	NA	NA	NA	NA	NA	NA	9.21	6.76	2.45	NA
MW-2	03/09/2001	<500	<5.00	<5.00	<5.00	<5.00	17,200	NA	NA	NA	NA	NA	NA	9.21	6.28	2.93	NA
MW-2	06/27/2001	<100	1.4	<1.0	<1.0	<2.0	NA	470	NA	NA	NA	NA	NA	9.21	7.12	2.09	NA
MW-2	09/19/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	330	NA	NA	NA	NA	NA	9.21	7.17	2.04	NA
MW-2	12/31/2001	<100	<1.0	<1.0	<1.0	<1.0	NA	420	NA	NA	NA	NA	NA	9.21	6.24	2.97	NA
MW-2	03/14/2002	<250	4.5	3.3	<2.5	<2.5	NA	1,600	NA	NA	NA	NA	NA	9.21	6.72	2.49	NA
MW-2	06/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	110	NA	NA	NA	NA	NA	9.21	7.23	1.98	NA
MW-2	09/19/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	90	NA	NA	NA	NA	NA	9.19	7.48	1.71	NA
MW-2	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	170	NA	NA	NA	NA	NA	9.19	7.33	1.86	NA
MW-2	03/20/2003 g	56	<0.50	<0.50	<0.50	<0.50	58	NA	NA	NA	NA	NA	NA	9.19	7.65	1.54	NA
MW-2	06/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	44	NA	NA	NA	NA	NA	9.19	8.72	0.47	NA
MW-2	09/22/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	37	NA	NA	NA	NA	NA	9.19	8.84	0.35	NA

WELL CONCENTRATIONS
Shell-branded Service Station
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2	12/03/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	99	NA	NA	NA	NA	NA	9.19	8.95	0.24	NA
MW-2	03/18/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	24	NA	NA	NA	NA	NA	9.19	7.19	2.00	NA
MW-2	05/25/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	53	NA	NA	NA	NA	NA	9.19	8.40	0.79	NA
MW-2	09/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	24	<2.0	<2.0	<2.0	100	<50	9.19	7.08	2.11	NA
MW-2	12/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	39	NA	NA	NA	NA	NA	9.19	7.09	2.10	NA
MW-2	02/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	38	NA	NA	NA	NA	NA	9.19	6.50	2.69	NA
MW-2	06/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	28	NA	NA	NA	NA	NA	9.19	7.17	2.02	NA
MW-2	08/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	5.5	<2.0	<2.0	<2.0	19	<50	9.19	7.21	1.98	NA
MW-2	12/14/2005	<50.0	<0.500	2.16	<0.500	<0.500	NA	5.33	NA	NA	NA	NA	NA	9.19	7.13	2.06	NA
MW-2	**03/08/2006**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**0.560**	**NA**	**18.8**	**NA**	**NA**	**NA**	**<10.0**	**NA**	**9.19**	**6.02**	**3.17**	**NA**
MW-3 (a)	08/26/1998	2,300	180	330	<0.50	420	44,000	NA	NA	NA	NA	NA	NA	9.45	6.52	2.93	1.8
MW-3 (b)	08/26/1998	<50	<0.50	<0.50	<0.50	<0.50	52,000	75,000	NA	NA	NA	NA	NA	9.45	6.52	2.93	2.3
MW-3	12/28/1998	<5,00	139	<50.0	<50.0	<50.0	15,100	NA	NA	NA	NA	NA	NA	9.45	6.73	2.72	1.7
MW-3	03/29/1999	52,500	5,500	6,900	1,360	6,250	508,000	630,000 (c)	NA	NA	NA	NA	NA	9.45	6.21	3.24	2.1
MW-3	06/22/1999	58,000	6,600	9,850	1,640	6,950	677,000	653,000	NA	NA	NA	NA	NA	9.45	7.00	2.45	1.3
MW-3	09/30/1999	4,360	121	122	36.1	647	33,700	35,600	NA	NA	NA	NA	NA	9.45	6.84	2.61	0.6
MW-3	11/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.45	7.93	1.52	NA
MW-3	11/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.45	8.25	1.20	NA
MW-3	12/02/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.45	7.55	1.90	NA
MW-3	12/10/1999	4,220	973	26.3	273	584	88,200	NA	NA	NA	NA	NA	NA	9.45	7.28	2.17	2.5
MW-3	03/02/2000	65,300	5,210	10,300	2,650	15,100	56,800	59,800e	NA	NA	NA	NA	NA	9.45	5.87	3.58	d
MW-3	06/08/2000	72,700	3,570	10,200	2,100	13,400	44,400	NA	NA	NA	NA	NA	NA	9.45	5.32	4.13	1.1
MW-3	09/05/2000	26,100	959	2,910	1,090	5,640	24,000	NA	NA	NA	NA	NA	NA	9.45	5.60	3.85	NA
MW-3	12/15/2000	5,190	438	8.39	483	530	19,100	11,800f	NA	NA	NA	NA	NA	9.45	6.27	3.18	NA
MW-3	03/09/2001	5,880	472	42.2	392	1,290	41,800	NA	NA	NA	NA	NA	NA	9.45	5.71	3.74	NA
MW-3	06/27/2001	9,100	330	79	140	1,600	NA	31,000	NA	NA	NA	NA	NA	9.45	6.88	2.57	NA
MW-3	09/19/2001	790	14	18	17	67	NA	8,100	NA	NA	NA	NA	NA	9.45	6.70	2.75	NA
MW-3	12/31/2001	<5,000	220	<50	86	<50	NA	22,000	NA	NA	NA	NA	NA	9.45	5.92	3.53	NA
MW-3	03/14/2002	<2,500	<25	<25	<25	<25	NA	12,000	NA	NA	NA	NA	NA	9.45	6.25	3.20	NA

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MW-3	06/25/2002	<10,000	160	<100	<100	<100	NA	42,000	NA	NA	NA	NA	NA	9.45	6.65	2.80	NA
MW-3	09/19/2002	<10,000	650	<100	280	360	NA	84,000	NA	NA	NA	NA	NA	9.45	6.51	2.94	NA
MW-3	12/12/2002	<10,000	170	<100	<100	<100	NA	45,000	NA	NA	NA	NA	NA	9.45	6.97	2.48	NA
MW-3	01/02/2003	NA	59	<5.0	5.3	<10	NA	NA	NA	NA	NA	NA	NA	9.45	5.90	3.55	NA
MW-3	03/20/2003 g	5,100	<50	<50	<50	<50	4,400	NA	NA	NA	NA	NA	NA	9.45	6.87	2.58	NA
MW-3	06/23/2003	<5,000	<50	<50	<50	<100	NA	8,100	NA	NA	NA	NA	NA	9.45	13.80	-4.35	NA
MW-3	09/22/2003	<250	<2.5	4.6	<2.5	<5.0	NA	470	NA	NA	NA	NA	NA	9.45	6.31	3.14	NA
MW-3	12/03/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	180	NA	NA	NA	NA	NA	9.45	14.77 h	NA	NA
MW-3	03/18/2004	<1,000	14	<10	<10	<20	NA	2,500	NA	NA	NA	NA	NA	9.45	6.07	3.38	NA
MW-3	05/25/2004	3,900	<10	66	23	470	NA	140	NA	NA	NA	NA	NA	9.45	14.63	-5.18	NA
MW-3	09/22/2004	<10,000	830	<100	290	450	NA	28,000	<400	<400	<400	13,000	<10,000	9.45	4.86	4.59	NA
MW-3	12/22/2004	94	<0.50	<0.50	<0.50	<1.0	NA	84	NA	NA	NA	NA	NA	9.45	6.93	2.52	NA
MW-3	02/23/2005	<50 i	<0.50	<0.50	<0.50	<1.0	NA	85	NA	NA	NA	NA	NA	9.45	5.68	3.77	NA
MW-3	06/27/2005	<2,500	96	<25	29	<50	NA	6,100	NA	NA	NA	NA	NA	9.45	4.80	4.65	NA
MW-3	08/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	300	<2.0	<2.0	<2.0	700	<50	8.33	5.07	3.26	NA
MW-3	12/14/2005	647	6.16	2.37	1.88	<0.500	NA	303 j	NA	NA	NA	NA	NA	8.33	5.65	2.68	NA
MW-3	**03/08/2006**	**901**	**20.8**	**<0.500**	**5.55**	**0.980**	**NA**	**313**	**NA**	**NA**	**NA**	**1,660**	**NA**	**8.33**	**5.57**	**2.76**	**NA**
MW-4	09/25/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.88	7.64	2.24	NA
MW-4	12/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	9.88	7.55	2.33	NA
MW-4	03/09/2001	<50.0	<0.500	0.730	<0.500	0.529	3.16	NA	NA	NA	NA	NA	NA	9.88	7.04	2.84	NA
MW-4	06/27/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	7.76	2.12	NA
MW-4	09/19/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	7.69	2.19	NA
MW-4	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	7.08	2.80	NA
MW-4	03/14/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	7.57	2.31	NA
MW-4	06/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.50	1.38	NA
MW-4	09/19/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.22	1.66	NA
MW-4	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.08	1.80	NA
MW-4	03/20/2003 g	<50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	9.88	7.92	1.96	NA
MW-4	06/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.18	1.70	NA

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MW-4	09/22/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	16	NA	NA	NA	NA	NA	9.88	8.28	1.60	NA
MW-4	12/03/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	NA	NA	9.88	8.44	1.44	NA
MW-4	03/18/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	NA	NA	9.88	7.52	2.36	NA
MW-4	05/25/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	NA	NA	NA	NA	NA	9.88	8.30	1.58	NA
MW-4	09/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	<2.0	<2.0	<2.0	<5.0	<50	9.88	7.72	2.16	NA
MW-4	12/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	NA	NA	NA	NA	NA	9.88	7.32	2.56	NA
MW-4	02/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	18	NA	NA	NA	NA	NA	9.88	6.95	2.93	NA
MW-4	06/27/2005	55	<0.50	<0.50	<0.50	<1.0	NA	14	NA	NA	NA	NA	NA	9.88	7.48	2.40	NA
MW-4	08/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	15	<2.0	<2.0	<2.0	11	<50	9.88	7.53	2.35	NA
MW-4	12/14/2005	<50.0	<0.500	2.04	<0.500	<0.500	NA	10.1	NA	NA	NA	NA	NA	9.88	7.54	2.34	NA
MW-4	**03/08/2006**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**5.73**	**NA**	**NA**	**NA**	**NA**	**NA**	**9.88**	**6.19**	**3.69**	**NA**
MW-5	06/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.36	NA	NA
MW-5	06/25/2002	<10,000	<100	<100	<100	<100	NA	60,000	NA	NA	NA	NA	NA	NA	8.30	NA	NA
MW-5	09/19/2002	<2,000	<20	<20	<20	<20	NA	7,200	NA	NA	NA	NA	NA	10.03	8.44	1.59	NA
MW-5	12/12/2002	<5,000	<50	<50	<50	<50	NA	33,000	NA	NA	NA	NA	NA	10.03	8.49	1.54	NA
MW-5	03/20/2003 g	12,000	<50	<50	<50	<50	15,000	NA	NA	NA	NA	NA	NA	10.03	8.23	1.80	NA
MW-5	06/23/2003	<1,000	<10	<10	<10	<20	NA	1,700	NA	NA	NA	NA	NA	10.03	16.70	-6.67	NA
MW-5	09/22/2003	<2,500	<25	<25	<25	<50	NA	4,400	NA	NA	NA	NA	NA	10.03	16.70	-6.67	NA
MW-5	12/03/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	70	NA	NA	NA	NA	NA	10.03	16.79	-6.76	NA
MW-5	03/18/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	43	NA	NA	NA	NA	NA	10.03	16.78	-6.75	NA
MW-5	05/25/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	30	NA	NA	NA	NA	NA	10.03	13.02	-2.99	NA
MW-5	09/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	<2.0	<2.0	<2.0	83	<50	10.03	5.91	4.12	NA
MW-5	12/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	67	NA	NA	NA	NA	NA	10.03	5.72	4.31	NA
MW-5	02/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	120	NA	NA	NA	NA	NA	10.03	4.41	5.62	NA
MW-5	06/27/2005	56	<0.50	<0.50	<0.50	<1.0	NA	46	NA	NA	NA	NA	NA	10.03	5.98	4.05	NA
MW-5	08/31/2005	<1,000	<10	<10	<10	<20	NA	69	<40	<40	<40	2,400	<1,000	9.03	6.60	2.43	NA
MW-5	12/14/2005	302	<0.500	2.02	<0.500	<0.500	NA	34.0	NA	NA	NA	NA	NA	9.03	5.00	4.03	NA
MW-5	**03/08/2006**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**34.6**	**NA**	**NA**	**NA**	**677**	**NA**	**9.03**	**4.18**	**4.85**	**NA**

WELL CONCENTRATIONS
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C-1	09/19/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	1.44	NA	NA
C-1	03/29/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	2.59	NA	NA
C-1	06/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	3.72	NA	NA
C-1	09/19/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	3.08	NA	NA
C-1	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	0.64	NA	NA
C-1	03/20/2003 g	<50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	NA	4.61	NA	NA
SD-1	09/19/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	03/29/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	06/25/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	09/19/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	12/12/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	03/20/2003	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	09/19/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	03/29/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	06/25/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	09/19/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	12/12/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	03/20/2003	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BW-A	06/22/1999	318	<0.50	<0.50	0.590	1.48	4,470	NA	NA	NA	NA	NA	NA	NA	4.71	NA	1.1
BW-A	06/25/2002	<500	<5.0	<5.0	<5.0	18	NA	3,100	NA	NA	NA	NA	NA	NA	5.14	NA	NA
BW-A	09/19/2002	<200	<2.0	<2.0	<2.0	<2.0	NA	<20	NA	NA	NA	NA	NA	NA	7.19	NA	NA
BW-A	12/12/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	2,900	NA	NA	NA	NA	NA	NA	6.40	NA	NA
BW-A	03/20/2003 g	<2,500	<25	<25	<25	<25	<250	NA	NA	NA	NA	NA	NA	NA	5.36	NA	NA
BW-A	06/23/2003	<1,000	<10	<10	<10	<20	NA	<100	NA	NA	NA	NA	NA	NA	10.27	NA	NA
BW-A	09/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.63	NA	NA	NA
BW-B	06/22/1999	<250	<2.5	<2.5	<2.5	<2.5	8,600	NA	NA	NA	NA	NA	NA	NA	5.90	NA	1.2

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BW-B	06/27/2001	<5,000	<50	<50	<50	<50	NA	40,000	NA	NA	NA	NA	NA	NA	5.83	NA	NA
BW-B	12/31/2001	<2,000	<20	<20	<20	<20	NA	9,200	NA	NA	NA	NA	NA	NA	4.19	NA	NA
BW-B	03/14/2002	<2,000	<20	<20	<20	<20	NA	9,400	NA	NA	NA	NA	NA	NA	5.24	NA	NA
BW-B	06/25/2002	<2,000	<20	<20	<20	<20	NA	6,600	NA	NA	NA	NA	NA	NA	6.19	NA	NA
BW-B	09/19/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	<50	NA	NA	NA	NA	NA	NA	8.46	NA	NA
BW-B	12/12/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	1,700	NA	NA	NA	NA	NA	NA	7.46	NA	NA
BW-B	03/20/2003 g	170	<1.0	<1.0	<1.0	<1.0	190	NA	NA	NA	NA	NA	NA	NA	6.23	NA	NA
BW-B	06/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	43	NA	NA	NA	NA	NA	NA	9.95	NA	NA
BW-B	09/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.32	NA	NA	NA
BW-C	06/22/1999	<50	<0.50	<0.50	<0.50	0.98	11,000	NA	NA	NA	NA	NA	NA	NA	5.91	NA	1.6
BW-C	06/25/2002	<5,000	<50	<50	<50	<50	NA	20,000	NA	NA	NA	NA	NA	NA	6.49	NA	NA
BW-C	09/19/2002	<1,000	<10	<10	<10	<10	NA	400	NA	NA	NA	NA	NA	NA	8.52	NA	NA
BW-C	12/12/2002	<2,000	<20	<20	<20	<20	NA	8,000	NA	NA	NA	NA	NA	NA	7.57	NA	NA
BW-C	03/20/2003 g	270	<1.0	<1.0	<1.0	<1.0	250	NA	NA	NA	NA	NA	NA	NA	6.48	NA	NA
BW-C	06/23/2003	<1,000	<10	<10	<10	<20	NA	170	NA	NA	NA	NA	NA	NA	11.48	NA	NA
BW-C	09/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.81	NA	NA	NA
BW-D	06/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	2,190	NA	NA	NA	NA	NA	NA	NA	4.78	NA	1.4
BW-D	06/25/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BW-D	07/02/2002	<1,000	23	<10	<10	<10	NA	<100	NA	NA	NA	NA	NA	NA	6.36	NA	NA
BW-D	09/19/2002	<250	<2.5	<2.5	<2.5	<2.5	NA	<25	NA	NA	NA	NA	NA	NA	7.25	NA	NA
BW-D	12/12/2002	<5,000	<50	<50	<50	<50	NA	16,000	NA	NA	NA	NA	NA	NA	6.21	NA	NA
BW-D	03/20/2003 g	71	<0.50	<0.50	<0.50	<0.50	55	NA	NA	NA	NA	NA	NA	NA	5.23	NA	NA
BW-D	06/23/2003	<1,000	<10	<10	<10	<20	NA	<100	NA	NA	NA	NA	NA	NA	10.25	NA	NA
BW-D	09/22/2003	<100	<1.0	<1.0	<1.0	<2.0	NA	120	NA	NA	NA	NA	NA	NA	10.18	NA	NA
BW-D	12/03/2003	<1,300	110	<13	<13	29	NA	560	NA	NA	NA	NA	NA	NA	10.20	NA	NA
BW-D	03/18/2004	<50	0.67	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	NA	NA	3.42	NA	NA
BW-D	05/25/2004	<50	1.4	0.96	<0.50	<1.0	NA	1.7	NA	NA	NA	NA	NA	NA	8.83	NA	NA
BW-D	09/22/2004	<100	6.9	<1.0	2.1	4.2	NA	210	NA	NA	NA	NA	NA	NA	2.75	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
BW-D	12/22/2004	61	2.1	2.9	<0.50	3.6	NA	5.4	NA	NA	NA	NA	NA	NA	3.67	NA	NA
BW-D	02/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	1.2	NA	NA	NA	NA	NA	NA	2.88	NA	NA
BW-D	06/27/2005	53	<0.50	<0.50	<0.50	<1.0	NA	1.8	NA	NA	NA	NA	NA	NA	3.70	NA	NA
BW-D	08/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	1.4	NA	NA	NA	NA	NA	8.61	3.82	4.79	NA
BW-D	12/14/2005	<50.0	<0.500	2.78	<0.500	<0.500	NA	2.26	NA	NA	NA	NA	NA	8.61	3.59	5.02	NA
BW-D	**03/08/2006**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**2.23**	**NA**	**NA**	**NA**	**NA**	**NA**	**8.61**	**3.61**	**5.00**	**NA**

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 27, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 27, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

GW = Groundwater

DO = Dissolved Oxygen

ppm = Parts per million

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Notes:

a = Pre-purge

b = Post purge

c = Lab confirmed MTBE by mistake. MTBE value at MW-1 should have been confirmed instead.

d = DO reading not taken.

e = Sample was analyzed outside of the EPA recommended holding time.

f = The second highest MTBE hit was mistakenly confirmed. MTBE for MW-1 should have been confirmed.

g = On March 20, 2003, all analyses run by EPA Method 8015/8020.

h = Depth to top of pump; pump prevented depth to water measurement.

i = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

j = Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.

Ethanol analyzed by EPA Method 8260B.

Site surveyed September 21, 2000 by Virgil Chavez Land Surveying of Vallejo, CA.

C-1 is a canal sample location.

SD-1 and SD-2 are storm drains.

Wells MW-1 through MW-5 surveyed January 24 and June 19, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-1, MW-3, MW-5, and BW-D surveyed on September 22, 2005 by Virgil Chavez Land Surveying of Vallejo, CA.

Unmonitored backfilled wells BW-A, BW-B, and BW-C surveyed on September 22, 2005 by Virgil Chavez Land Surveying of Vallejo, CA.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

March 22, 2006

Client: Cambria Env. Tech. (Emeryville) / SHELL (13675)
5900 Hollis Street, Suite A
Emeryville, CA 94608
Attn: Anni Kreml

Work Order: NPC1359
Project Name: 540 Hegenberger Rd, Oakland, CA
Project Nbr: SAP 135694
P/O Nbr: 98995752
Date Received: 03/10/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPC1359-01	03/08/06 11:50
MW-2	NPC1359-02	03/08/06 11:55
MW-3	NPC1359-03	03/08/06 11:20
MW-4	NPC1359-04	03/08/06 09:30
MW-5	NPC1359-05	03/08/06 13:35
BW-D	NPC1359-06	03/08/06 10:20

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

California Certification Number: 01168CA

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

Report Approved By:

Gail A Lage

Gail A Lage
Senior Project Manager

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPC1359
	5900 Hollis Street, Suite A	Project Name:	540 Hegenberger Rd, Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135694
Attn	Anni Kreml	Received:	03/10/06 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPC1359-01 (MW-1 - Ground Water) Sampled: 03/08/06 11:50								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	**1.87**		ug/L	0.500	1	03/17/06 22:41	SW846 8260B	6032474
Methyl tert-Butyl Ether	**17.8**		ug/L	0.500	1	03/17/06 22:41	SW846 8260B	6032474
Ethylbenzene	ND		ug/L	0.500	1	03/17/06 22:41	SW846 8260B	6032474
Toluene	ND		ug/L	0.500	1	03/17/06 22:41	SW846 8260B	6032474
Xylenes, total	**0.830**		ug/L	0.500	1	03/17/06 22:41	SW846 8260B	6032474
Tertiary Butyl Alcohol	**3380**		ug/L	100	10	03/18/06 23:04	SW846 8260B	6033840
Surr: 1,2-Dichloroethane-d4 (70-130%)	*116 %*					*03/17/06 22:41*	*SW846 8260B*	*6032474*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*128 %*					*03/18/06 23:04*	*SW846 8260B*	*6033840*
Surr: Dibromofluoromethane (79-122%)	*113 %*					*03/17/06 22:41*	*SW846 8260B*	*6032474*
Surr: Dibromofluoromethane (79-122%)	*122 %*					*03/18/06 23:04*	*SW846 8260B*	*6033840*
Surr: Toluene-d8 (78-121%)	*105 %*					*03/17/06 22:41*	*SW846 8260B*	*6032474*
Surr: Toluene-d8 (78-121%)	*106 %*					*03/18/06 23:04*	*SW846 8260B*	*6033840*
Surr: 4-Bromofluorobenzene (78-126%)	*115 %*					*03/17/06 22:41*	*SW846 8260B*	*6032474*
Surr: 4-Bromofluorobenzene (78-126%)	*121 %*					*03/18/06 23:04*	*SW846 8260B*	*6033840*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**417**		ug/L	50.0	1	03/17/06 22:41	SW846 8260B	6032474
Surr: 1,2-Dichloroethane-d4 (0-200%)	*116 %*					*03/17/06 22:41*	*SW846 8260B*	*6032474*
Surr: Dibromofluoromethane (0-200%)	*113 %*					*03/17/06 22:41*	*SW846 8260B*	*6032474*
Surr: Toluene-d8 (0-200%)	*105 %*					*03/17/06 22:41*	*SW846 8260B*	*6032474*
Surr: 4-Bromofluorobenzene (0-200%)	*115 %*					*03/17/06 22:41*	*SW846 8260B*	*6032474*
Sample ID: NPC1359-02 (MW-2 - Ground Water) Sampled: 03/08/06 11:55								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	03/18/06 02:01	SW846 8260B	6033345
Methyl tert-Butyl Ether	**18.8**		ug/L	0.500	1	03/18/06 02:01	SW846 8260B	6033345
Ethylbenzene	ND		ug/L	0.500	1	03/18/06 02:01	SW846 8260B	6033345
Toluene	ND		ug/L	0.500	1	03/18/06 02:01	SW846 8260B	6033345
Xylenes, total	**0.560**		ug/L	0.500	1	03/18/06 02:01	SW846 8260B	6033345
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	03/18/06 02:01	SW846 8260B	6033345
Surr: 1,2-Dichloroethane-d4 (70-130%)	*122 %*					*03/18/06 02:01*	*SW846 8260B*	*6033345*
Surr: Dibromofluoromethane (79-122%)	*114 %*					*03/18/06 02:01*	*SW846 8260B*	*6033345*
Surr: Toluene-d8 (78-121%)	*103 %*					*03/18/06 02:01*	*SW846 8260B*	*6033345*
Surr: 4-Bromofluorobenzene (78-126%)	*111 %*					*03/18/06 02:01*	*SW846 8260B*	*6033345*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	03/18/06 02:01	SW846 8260B	6033345
Surr: 1,2-Dichloroethane-d4 (0-200%)	*122 %*					*03/18/06 02:01*	*SW846 8260B*	*6033345*
Surr: Dibromofluoromethane (0-200%)	*114 %*					*03/18/06 02:01*	*SW846 8260B*	*6033345*
Surr: Toluene-d8 (0-200%)	*103 %*					*03/18/06 02:01*	*SW846 8260B*	*6033345*
Surr: 4-Bromofluorobenzene (0-200%)	*111 %*					*03/18/06 02:01*	*SW846 8260B*	*6033345*

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPC1359
	5900 Hollis Street, Suite A	Project Name:	540 Hegenberger Rd, Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135694
Attn	Anni Kreml	Received:	03/10/06 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPC1359-03 (MW-3 - Ground Water) Sampled: 03/08/06 11:20								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	**20.8**		ug/L	0.500	1	03/18/06 02:23	SW846 8260B	6033345
Methyl tert-Butyl Ether	**313**		ug/L	5.00	10	03/19/06 00:33	SW846 8260B	6033840
Ethylbenzene	**5.55**		ug/L	0.500	1	03/18/06 02:23	SW846 8260B	6033345
Toluene	ND		ug/L	0.500	1	03/18/06 02:23	SW846 8260B	6033345
Xylenes, total	**0.980**		ug/L	0.500	1	03/18/06 02:23	SW846 8260B	6033345
Tertiary Butyl Alcohol	**1660**		ug/L	10.0	1	03/18/06 02:23	SW846 8260B	6033345
Surr: 1,2-Dichloroethane-d4 (70-130%)	*123 %*					*03/18/06 02:23*	*SW846 8260B*	*6033345*
Surr: Dibromofluoromethane (79-122%)	*118 %*					*03/18/06 02:23*	*SW846 8260B*	*6033345*
Surr: Toluene-d8 (78-121%)	*105 %*					*03/18/06 02:23*	*SW846 8260B*	*6033345*
Surr: 4-Bromofluorobenzene (78-126%)	*112 %*					*03/18/06 02:23*	*SW846 8260B*	*6033345*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**901**		ug/L	50.0	1	03/18/06 02:23	SW846 8260B	6033345
Surr: 1,2-Dichloroethane-d4 (0-200%)	*123 %*					*03/18/06 02:23*	*SW846 8260B*	*6033345*
Surr: Dibromofluoromethane (0-200%)	*118 %*					*03/18/06 02:23*	*SW846 8260B*	*6033345*
Surr: Toluene-d8 (0-200%)	*105 %*					*03/18/06 02:23*	*SW846 8260B*	*6033345*
Surr: 4-Bromofluorobenzene (0-200%)	*112 %*					*03/18/06 02:23*	*SW846 8260B*	*6033345*
Sample ID: NPC1359-04 (MW-4 - Ground Water) Sampled: 03/08/06 09:30								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	03/18/06 02:45	SW846 8260B	6033345
Ethylbenzene	ND		ug/L	0.500	1	03/18/06 02:45	SW846 8260B	6033345
Methyl tert-Butyl Ether	**5.73**		ug/L	0.500	1	03/18/06 14:32	SW846 8260B	6033839
Toluene	ND		ug/L	0.500	1	03/18/06 02:45	SW846 8260B	6033345
Xylenes, total	ND		ug/L	0.500	1	03/18/06 02:45	SW846 8260B	6033345
Surr: 1,2-Dichloroethane-d4 (70-130%)	*117 %*					*03/18/06 02:45*	*SW846 8260B*	*6033345*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*126 %*					*03/18/06 14:32*	*SW846 8260B*	*6033839*
Surr: Dibromofluoromethane (79-122%)	*114 %*					*03/18/06 02:45*	*SW846 8260B*	*6033345*
Surr: Dibromofluoromethane (79-122%)	*112 %*					*03/18/06 14:32*	*SW846 8260B*	*6033839*
Surr: Toluene-d8 (78-121%)	*106 %*					*03/18/06 02:45*	*SW846 8260B*	*6033345*
Surr: Toluene-d8 (78-121%)	*102 %*					*03/18/06 14:32*	*SW846 8260B*	*6033839*
Surr: 4-Bromofluorobenzene (78-126%)	*116 %*					*03/18/06 02:45*	*SW846 8260B*	*6033345*
Surr: 4-Bromofluorobenzene (78-126%)	*113 %*					*03/18/06 14:32*	*SW846 8260B*	*6033839*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	03/18/06 02:45	SW846 8260B	6033345
Surr: 1,2-Dichloroethane-d4 (0-200%)	*117 %*					*03/18/06 02:45*	*SW846 8260B*	*6033345*
Surr: Dibromofluoromethane (0-200%)	*114 %*					*03/18/06 02:45*	*SW846 8260B*	*6033345*
Surr: Toluene-d8 (0-200%)	*106 %*					*03/18/06 02:45*	*SW846 8260B*	*6033345*
Surr: 4-Bromofluorobenzene (0-200%)	*116 %*					*03/18/06 02:45*	*SW846 8260B*	*6033345*
Sample ID: NPC1359-05 (MW-5 - Ground Water) Sampled: 03/08/06 13:35								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	03/18/06 03:08	SW846 8260B	6033345
Methyl tert-Butyl Ether	**34.6**		ug/L	0.500	1	03/18/06 03:08	SW846 8260B	6033345
Ethylbenzene	ND		ug/L	0.500	1	03/18/06 03:08	SW846 8260B	6033345

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPC1359
	5900 Hollis Street, Suite A	Project Name:	540 Hegenberger Rd, Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135694
Attn	Anni Kreml	Received:	03/10/06 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPC1359-05 (MW-5 - Ground Water) - cont. Sampled: 03/08/06 13:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Toluene	ND		ug/L	0.500	1	03/18/06 03:08	SW846 8260B	6033345
Xylenes, total	ND		ug/L	0.500	1	03/18/06 03:08	SW846 8260B	6033345
Tertiary Butyl Alcohol	677		ug/L	10.0	1	03/18/06 03:08	SW846 8260B	6033345
Surr: 1,2-Dichloroethane-d4 (70-130%)	*120 %*					*03/18/06 03:08*	*SW846 8260B*	*6033345*
Surr: Dibromofluoromethane (79-122%)	*115 %*					*03/18/06 03:08*	*SW846 8260B*	*6033345*
Surr: Toluene-d8 (78-121%)	*109 %*					*03/18/06 03:08*	*SW846 8260B*	*6033345*
Surr: 4-Bromofluorobenzene (78-126%)	*114 %*					*03/18/06 03:08*	*SW846 8260B*	*6033345*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	03/18/06 03:08	SW846 8260B	6033345
Surr: 1,2-Dichloroethane-d4 (0-200%)	*120 %*					*03/18/06 03:08*	*SW846 8260B*	*6033345*
Surr: Dibromofluoromethane (0-200%)	*115 %*					*03/18/06 03:08*	*SW846 8260B*	*6033345*
Surr: Toluene-d8 (0-200%)	*109 %*					*03/18/06 03:08*	*SW846 8260B*	*6033345*
Surr: 4-Bromofluorobenzene (0-200%)	*114 %*					*03/18/06 03:08*	*SW846 8260B*	*6033345*
Sample ID: NPC1359-06 (BW-D - Ground Water) Sampled: 03/08/06 10:20								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	03/18/06 03:30	SW846 8260B	6033345
Ethylbenzene	ND		ug/L	0.500	1	03/18/06 03:30	SW846 8260B	6033345
Methyl tert-Butyl Ether	2.23		ug/L	0.500	1	03/18/06 03:30	SW846 8260B	6033345
Toluene	ND		ug/L	0.500	1	03/18/06 03:30	SW846 8260B	6033345
Xylenes, total	ND		ug/L	0.500	1	03/18/06 03:30	SW846 8260B	6033345
Surr: 1,2-Dichloroethane-d4 (70-130%)	*125 %*					*03/18/06 03:30*	*SW846 8260B*	*6033345*
Surr: Dibromofluoromethane (79-122%)	*120 %*					*03/18/06 03:30*	*SW846 8260B*	*6033345*
Surr: Toluene-d8 (78-121%)	*107 %*					*03/18/06 03:30*	*SW846 8260B*	*6033345*
Surr: 4-Bromofluorobenzene (78-126%)	*117 %*					*03/18/06 03:30*	*SW846 8260B*	*6033345*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	03/18/06 03:30	SW846 8260B	6033345
Surr: 1,2-Dichloroethane-d4 (0-200%)	*125 %*					*03/18/06 03:30*	*SW846 8260B*	*6033345*
Surr: Dibromofluoromethane (0-200%)	*120 %*					*03/18/06 03:30*	*SW846 8260B*	*6033345*
Surr: Toluene-d8 (0-200%)	*107 %*					*03/18/06 03:30*	*SW846 8260B*	*6033345*
Surr: 4-Bromofluorobenzene (0-200%)	*117 %*					*03/18/06 03:30*	*SW846 8260B*	*6033345*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPC1359
	5900 Hollis Street, Suite A	Project Name:	540 Hegenberger Rd, Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135694
Attn	Anni Kreml	Received:	03/10/06 07:55

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6032474-BLK1						
Benzene	<0.200		ug/L	6032474	6032474-BLK1	03/17/06 15:16
Methyl tert-Butyl Ether	<0.200		ug/L	6032474	6032474-BLK1	03/17/06 15:16
Ethylbenzene	<0.200		ug/L	6032474	6032474-BLK1	03/17/06 15:16
Toluene	<0.200		ug/L	6032474	6032474-BLK1	03/17/06 15:16
Xylenes, total	<0.350		ug/L	6032474	6032474-BLK1	03/17/06 15:16
Tertiary Butyl Alcohol	<5.06		ug/L	6032474	6032474-BLK1	03/17/06 15:16
Surrogate: 1,2-Dichloroethane-d4	116%			6032474	6032474-BLK1	03/17/06 15:16
Surrogate: Dibromofluoromethane	116%			6032474	6032474-BLK1	03/17/06 15:16
Surrogate: Toluene-d8	105%			6032474	6032474-BLK1	03/17/06 15:16
Surrogate: 4-Bromofluorobenzene	111%			6032474	6032474-BLK1	03/17/06 15:16
6033345-BLK1						
Benzene	<0.200		ug/L	6033345	6033345-BLK1	03/18/06 01:39
Methyl tert-Butyl Ether	<0.200		ug/L	6033345	6033345-BLK1	03/18/06 01:39
Ethylbenzene	<0.200		ug/L	6033345	6033345-BLK1	03/18/06 01:39
Toluene	<0.200		ug/L	6033345	6033345-BLK1	03/18/06 01:39
Xylenes, total	<0.350		ug/L	6033345	6033345-BLK1	03/18/06 01:39
Tertiary Butyl Alcohol	<5.06		ug/L	6033345	6033345-BLK1	03/18/06 01:39
Surrogate: 1,2-Dichloroethane-d4	118%			6033345	6033345-BLK1	03/18/06 01:39
Surrogate: Dibromofluoromethane	112%			6033345	6033345-BLK1	03/18/06 01:39
Surrogate: Toluene-d8	104%			6033345	6033345-BLK1	03/18/06 01:39
Surrogate: 4-Bromofluorobenzene	116%			6033345	6033345-BLK1	03/18/06 01:39
6033839-BLK1						
Benzene	<0.200		ug/L	6033839	6033839-BLK1	03/18/06 12:19
Ethylbenzene	<0.200		ug/L	6033839	6033839-BLK1	03/18/06 12:19
Methyl tert-Butyl Ether	<0.200		ug/L	6033839	6033839-BLK1	03/18/06 12:19
Toluene	<0.200		ug/L	6033839	6033839-BLK1	03/18/06 12:19
Xylenes, total	<0.350		ug/L	6033839	6033839-BLK1	03/18/06 12:19
Surrogate: 1,2-Dichloroethane-d4	113%			6033839	6033839-BLK1	03/18/06 12:19
Surrogate: Dibromofluoromethane	114%			6033839	6033839-BLK1	03/18/06 12:19
Surrogate: Toluene-d8	103%			6033839	6033839-BLK1	03/18/06 12:19
Surrogate: 4-Bromofluorobenzene	106%			6033839	6033839-BLK1	03/18/06 12:19
6033840-BLK1						
Benzene	<0.200		ug/L	6033840	6033840-BLK1	03/18/06 21:57
Methyl tert-Butyl Ether	<0.200		ug/L	6033840	6033840-BLK1	03/18/06 21:57
Ethylbenzene	<0.200		ug/L	6033840	6033840-BLK1	03/18/06 21:57
Toluene	<0.200		ug/L	6033840	6033840-BLK1	03/18/06 21:57
Xylenes, total	<0.350		ug/L	6033840	6033840-BLK1	03/18/06 21:57
Tertiary Butyl Alcohol	<5.06		ug/L	6033840	6033840-BLK1	03/18/06 21:57
Surrogate: 1,2-Dichloroethane-d4	120%			6033840	6033840-BLK1	03/18/06 21:57

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPC1359
	5900 Hollis Street, Suite A	Project Name:	540 Hegenberger Rd, Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135694
Attn	Anni Kreml	Received:	03/10/06 07:55

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6033840-BLK1						
Surrogate: Dibromofluoromethane	120%			6033840	6033840-BLK1	03/18/06 21:57
Surrogate: Toluene-d8	105%			6033840	6033840-BLK1	03/18/06 21:57
Surrogate: 4-Bromofluorobenzene	117%			6033840	6033840-BLK1	03/18/06 21:57
Purgeable Petroleum Hydrocarbons						
6032474-BLK1						
Gasoline Range Organics	<50.0		ug/L	6032474	6032474-BLK1	03/17/06 15:16
Surrogate: 1,2-Dichloroethane-d4	116%			6032474	6032474-BLK1	03/17/06 15:16
Surrogate: Dibromofluoromethane	116%			6032474	6032474-BLK1	03/17/06 15:16
Surrogate: Toluene-d8	105%			6032474	6032474-BLK1	03/17/06 15:16
Surrogate: 4-Bromofluorobenzene	111%			6032474	6032474-BLK1	03/17/06 15:16
6033345-BLK1						
Gasoline Range Organics	<50.0		ug/L	6033345	6033345-BLK1	03/18/06 01:39
Surrogate: 1,2-Dichloroethane-d4	118%			6033345	6033345-BLK1	03/18/06 01:39
Surrogate: Dibromofluoromethane	112%			6033345	6033345-BLK1	03/18/06 01:39
Surrogate: Toluene-d8	104%			6033345	6033345-BLK1	03/18/06 01:39
Surrogate: 4-Bromofluorobenzene	116%			6033345	6033345-BLK1	03/18/06 01:39

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPC1359
	5900 Hollis Street, Suite A	Project Name:	540 Hegenberger Rd, Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135694
Attn	Anni Kreml	Received:	03/10/06 07:55

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6032474-BS1								
Benzene	50.0	50.5		ug/L	101%	79 - 123	6032474	03/17/06 14:09
Methyl tert-Butyl Ether	50.0	53.2		ug/L	106%	66 - 142	6032474	03/17/06 14:09
Ethylbenzene	50.0	50.4		ug/L	101%	79 - 125	6032474	03/17/06 14:09
Toluene	50.0	46.3		ug/L	93%	78 - 122	6032474	03/17/06 14:09
Xylenes, total	150	146		ug/L	97%	79 - 130	6032474	03/17/06 14:09
Tertiary Butyl Alcohol	500	556		ug/L	111%	42 - 154	6032474	03/17/06 14:09
Surrogate: 1,2-Dichloroethane-d4	50.0	58.8			118%	70 - 130	6032474	03/17/06 14:09
Surrogate: Dibromofluoromethane	50.0	56.1			112%	79 - 122	6032474	03/17/06 14:09
Surrogate: Toluene-d8	50.0	53.7			107%	78 - 121	6032474	03/17/06 14:09
Surrogate: 4-Bromofluorobenzene	50.0	52.8			106%	78 - 126	6032474	03/17/06 14:09
6033345-BS1								
Benzene	50.0	47.1		ug/L	94%	79 - 123	6033345	03/18/06 00:32
Methyl tert-Butyl Ether	50.0	52.7		ug/L	105%	66 - 142	6033345	03/18/06 00:32
Ethylbenzene	50.0	47.1		ug/L	94%	79 - 125	6033345	03/18/06 00:32
Toluene	50.0	43.8		ug/L	88%	78 - 122	6033345	03/18/06 00:32
Xylenes, total	150	136		ug/L	91%	79 - 130	6033345	03/18/06 00:32
Tertiary Butyl Alcohol	500	452		ug/L	90%	42 - 154	6033345	03/18/06 00:32
Surrogate: 1,2-Dichloroethane-d4	50.0	60.9			122%	70 - 130	6033345	03/18/06 00:32
Surrogate: Dibromofluoromethane	50.0	56.0			112%	79 - 122	6033345	03/18/06 00:32
Surrogate: Toluene-d8	50.0	52.8			106%	78 - 121	6033345	03/18/06 00:32
Surrogate: 4-Bromofluorobenzene	50.0	52.8			106%	78 - 126	6033345	03/18/06 00:32
6033839-BS1								
Benzene	50.0	48.3		ug/L	97%	79 - 123	6033839	03/18/06 11:12
Ethylbenzene	50.0	45.9		ug/L	92%	79 - 125	6033839	03/18/06 11:12
Methyl tert-Butyl Ether	50.0	52.5		ug/L	105%	66 - 142	6033839	03/18/06 11:12
Toluene	50.0	42.2		ug/L	84%	78 - 122	6033839	03/18/06 11:12
Xylenes, total	150	131		ug/L	87%	79 - 130	6033839	03/18/06 11:12
Surrogate: 1,2-Dichloroethane-d4	50.0	55.9			112%	70 - 130	6033839	03/18/06 11:12
Surrogate: Dibromofluoromethane	50.0	55.1			110%	79 - 122	6033839	03/18/06 11:12
Surrogate: Toluene-d8	50.0	52.3			105%	78 - 121	6033839	03/18/06 11:12
Surrogate: 4-Bromofluorobenzene	50.0	52.2			104%	78 - 126	6033839	03/18/06 11:12
6033840-BS1								
Benzene	50.0	52.6		ug/L	105%	79 - 123	6033840	03/18/06 20:50
Methyl tert-Butyl Ether	50.0	58.3		ug/L	117%	66 - 142	6033840	03/18/06 20:50
Ethylbenzene	50.0	50.5		ug/L	101%	79 - 125	6033840	03/18/06 20:50
Toluene	50.0	47.3		ug/L	95%	78 - 122	6033840	03/18/06 20:50
Xylenes, total	150	149		ug/L	99%	79 - 130	6033840	03/18/06 20:50
Tertiary Butyl Alcohol	500	586		ug/L	117%	42 - 154	6033840	03/18/06 20:50
Surrogate: 1,2-Dichloroethane-d4	50.0	61.4			123%	70 - 130	6033840	03/18/06 20:50

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPC1359
	5900 Hollis Street, Suite A	Project Name:	540 Hegenberger Rd, Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135694
Attn	Anni Kreml	Received:	03/10/06 07:55

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6033840-BS1								
Surrogate: Dibromofluoromethane	50.0	56.8			114%	79 - 122	6033840	03/18/06 20:50
Surrogate: Toluene-d8	50.0	51.9			104%	78 - 121	6033840	03/18/06 20:50
Surrogate: 4-Bromofluorobenzene	50.0	56.3			113%	78 - 126	6033840	03/18/06 20:50
Purgeable Petroleum Hydrocarbons								
6032474-BS1								
Gasoline Range Organics	3050	2840		ug/L	93%	67 - 130	6032474	03/17/06 14:09
Surrogate: 1,2-Dichloroethane-d4	50.0	58.8			118%	70 - 130	6032474	03/17/06 14:09
Surrogate: Dibromofluoromethane	50.0	56.1			112%	70 - 130	6032474	03/17/06 14:09
Surrogate: Toluene-d8	50.0	53.7			107%	70 - 130	6032474	03/17/06 14:09
Surrogate: 4-Bromofluorobenzene	50.0	52.8			106%	70 - 130	6032474	03/17/06 14:09
6033345-BS1								
Gasoline Range Organics	3050	2500		ug/L	82%	67 - 130	6033345	03/18/06 00:32
Surrogate: 1,2-Dichloroethane-d4	50.0	60.9			122%	70 - 130	6033345	03/18/06 00:32
Surrogate: Dibromofluoromethane	50.0	56.0			112%	70 - 130	6033345	03/18/06 00:32
Surrogate: Toluene-d8	50.0	52.8			106%	70 - 130	6033345	03/18/06 00:32
Surrogate: 4-Bromofluorobenzene	50.0	52.8			106%	70 - 130	6033345	03/18/06 00:32

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPC1359
	5900 Hollis Street, Suite A	Project Name:	540 Hegenberger Rd, Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135694
Attn	Anni Kreml	Received:	03/10/06 07:55

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6033345-MS1										
Benzene	ND	54.7		ug/L	50.0	109%	71 - 137	6033345	NPC1500-03	03/18/06 09:26
Methyl tert-Butyl Ether	2.44	57.5		ug/L	50.0	110%	55 - 152	6033345	NPC1500-03	03/18/06 09:26
Ethylbenzene	ND	51.4		ug/L	50.0	103%	72 - 139	6033345	NPC1500-03	03/18/06 09:26
Toluene	ND	48.8		ug/L	50.0	98%	73 - 133	6033345	NPC1500-03	03/18/06 09:26
Xylenes, total	ND	146		ug/L	150	97%	70 - 143	6033345	NPC1500-03	03/18/06 09:26
Tertiary Butyl Alcohol	29.5	543		ug/L	500	103%	19 - 183	6033345	NPC1500-03	03/18/06 09:26
Surrogate: 1,2-Dichloroethane-d4		54.8		ug/L	50.0	110%	70 - 130	6033345	NPC1500-03	03/18/06 09:26
Surrogate: Dibromofluoromethane		55.2		ug/L	50.0	110%	79 - 122	6033345	NPC1500-03	03/18/06 09:26
Surrogate: Toluene-d8		53.6		ug/L	50.0	107%	78 - 121	6033345	NPC1500-03	03/18/06 09:26
Surrogate: 4-Bromofluorobenzene		52.0		ug/L	50.0	104%	78 - 126	6033345	NPC1500-03	03/18/06 09:26
6033840-MS1										
Benzene	1.00E9	1190	MHA	ug/L	50.0	2000000000%	71 - 137	6033840	NPC1351-05	03/19/06 05:44
Methyl tert-Butyl Ether	1.00E9	1230	MHA	ug/L	50.0	2000000000%	55 - 152	6033840	NPC1351-05	03/19/06 05:44
Ethylbenzene	1.00E9	476	MHA	ug/L	50.0	2000000000%	72 - 139	6033840	NPC1351-05	03/19/06 05:44
Toluene	1.00E9	1090	MHA	ug/L	50.0	2000000000%	73 - 133	6033840	NPC1351-05	03/19/06 05:44
Xylenes, total	1.00E9	1520	MHA	ug/L	150	667000000%	70 - 143	6033840	NPC1351-05	03/19/06 05:44
Tertiary Butyl Alcohol	734	1200		ug/L	500	93%	19 - 183	6033840	NPC1351-05	03/19/06 05:44
Surrogate: 1,2-Dichloroethane-d4		46.5		ug/L	50.0	93%	70 - 130	6033840	NPC1351-05	03/19/06 05:44
Surrogate: Dibromofluoromethane		51.6		ug/L	50.0	103%	79 - 122	6033840	NPC1351-05	03/19/06 05:44
Surrogate: Toluene-d8		52.2		ug/L	50.0	104%	78 - 121	6033840	NPC1351-05	03/19/06 05:44
Surrogate: 4-Bromofluorobenzene		49.7		ug/L	50.0	99%	78 - 126	6033840	NPC1351-05	03/19/06 05:44
Purgeable Petroleum Hydrocarbons										
6033345-MS1										
Gasoline Range Organics	ND	2300		ug/L	3050	75%	60 - 140	6033345	NPC1500-03	03/18/06 09:26
Surrogate: 1,2-Dichloroethane-d4		54.8		ug/L	50.0	110%	0 - 200	6033345	NPC1500-03	03/18/06 09:26
Surrogate: Dibromofluoromethane		55.2		ug/L	50.0	110%	0 - 200	6033345	NPC1500-03	03/18/06 09:26
Surrogate: Toluene-d8		53.6		ug/L	50.0	107%	0 - 200	6033345	NPC1500-03	03/18/06 09:26
Surrogate: 4-Bromofluorobenzene		52.0		ug/L	50.0	104%	0 - 200	6033345	NPC1500-03	03/18/06 09:26

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPC1359
	5900 Hollis Street, Suite A	Project Name:	540 Hegenberger Rd, Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135694
Attn	Anni Kreml	Received:	03/10/06 07:55

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6033345-MSD1												
Benzene	ND	50.4		ug/L	50.0	101%	71 - 137	8	23	6033345	NPC1500-03	03/18/06 09:48
Methyl tert-Butyl Ether	2.44	54.6		ug/L	50.0	104%	55 - 152	5	27	6033345	NPC1500-03	03/18/06 09:48
Ethylbenzene	ND	49.2		ug/L	50.0	98%	72 - 139	4	23	6033345	NPC1500-03	03/18/06 09:48
Toluene	ND	45.6		ug/L	50.0	91%	73 - 133	7	25	6033345	NPC1500-03	03/18/06 09:48
Xylenes, total	ND	142		ug/L	150	95%	70 - 143	3	27	6033345	NPC1500-03	03/18/06 09:48
Tertiary Butyl Alcohol	29.5	586		ug/L	500	111%	19 - 183	8	39	6033345	NPC1500-03	03/18/06 09:48
Surrogate: 1,2-Dichloroethane-d4		51.2		ug/L	50.0	102%	70 - 130			6033345	NPC1500-03	03/18/06 09:48
Surrogate: Dibromofluoromethane		53.3		ug/L	50.0	107%	79 - 122			6033345	NPC1500-03	03/18/06 09:48
Surrogate: Toluene-d8		52.4		ug/L	50.0	105%	78 - 121			6033345	NPC1500-03	03/18/06 09:48
Surrogate: 4-Bromofluorobenzene		52.3		ug/L	50.0	105%	78 - 126			6033345	NPC1500-03	03/18/06 09:48
6033840-MSD1												
Benzene	1.00E9	1060	MHA	ug/L	50.0	0000000	71 - 137	12	23	6033840	NPC1351-05	03/19/06 06:07
Methyl tert-Butyl Ether	1.00E9	1270	MHA	ug/L	50.0	0000000	55 - 152	3	27	6033840	NPC1351-05	03/19/06 06:07
Ethylbenzene	1.00E9	387	MHA	ug/L	50.0	0000000	72 - 139	21	23	6033840	NPC1351-05	03/19/06 06:07
Toluene	1.00E9	961	MHA	ug/L	50.0	0000000	73 - 133	13	25	6033840	NPC1351-05	03/19/06 06:07
Xylenes, total	1.00E9	1340	MHA	ug/L	150	67000000	70 - 143	13	27	6033840	NPC1351-05	03/19/06 06:07
Tertiary Butyl Alcohol	734	1370		ug/L	500	127%	19 - 183	13	39	6033840	NPC1351-05	03/19/06 06:07
Surrogate: 1,2-Dichloroethane-d4		46.4		ug/L	50.0	93%	70 - 130			6033840	NPC1351-05	03/19/06 06:07
Surrogate: Dibromofluoromethane		50.9		ug/L	50.0	102%	79 - 122			6033840	NPC1351-05	03/19/06 06:07
Surrogate: Toluene-d8		51.5		ug/L	50.0	103%	78 - 121			6033840	NPC1351-05	03/19/06 06:07
Surrogate: 4-Bromofluorobenzene		50.6		ug/L	50.0	101%	78 - 126			6033840	NPC1351-05	03/19/06 06:07
Purgeable Petroleum Hydrocarbons												
6033345-MSD1												
Gasoline Range Organics	ND	2200		ug/L	3050	72%	60 - 140	4	40	6033345	NPC1500-03	03/18/06 09:48
Surrogate: 1,2-Dichloroethane-d4		51.2		ug/L	50.0	102%	0 - 200			6033345	NPC1500-03	03/18/06 09:48
Surrogate: Dibromofluoromethane		53.3		ug/L	50.0	107%	0 - 200			6033345	NPC1500-03	03/18/06 09:48
Surrogate: Toluene-d8		52.4		ug/L	50.0	105%	0 - 200			6033345	NPC1500-03	03/18/06 09:48
Surrogate: 4-Bromofluorobenzene		52.3		ug/L	50.0	105%	0 - 200			6033345	NPC1500-03	03/18/06 09:48

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPC1359
	5900 Hollis Street, Suite A	Project Name:	540 Hegenberger Rd, Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135694
Attn	Anni Kreml	Received:	03/10/06 07:55

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
NA	Water			
SW846 8260B	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPC1359
	5900 Hollis Street, Suite A	Project Name:	540 Hegenberger Rd, Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135694
Attn	Anni Kreml	Received:	03/10/06 07:55

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
SW846 8260B	Water	Gasoline Range Organics

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPC1359
	5900 Hollis Street, Suite A	Project Name:	540 Hegenberger Rd, Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135694
Attn	Anni Kreml	Received:	03/10/06 07:55

DATA QUALIFIERS AND DEFINITIONS

MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** NPC1359

Cooler Received/Opened On 3/10/06

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 4178

(Fed-Ex) UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 5.2 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 (101282) Raynger ST

3. Were custody seals on outside of cooler?..... (YES)...NO....NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... (YES)...NO...NA

5. Were custody papers inside cooler?..... (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... [initials]

6. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

were these signed, and dated correctly?..... YES...NO...(NA)

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

(Plastic bag) Paper Other_____ None

8. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... (YES)...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)...NO...NA

11. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA

12. a. Were VOA vials received?..... (YES)...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...(NO)...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... [initials]

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used..... (YES)...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... [initials]

15. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA

16. Did you sign the custody papers in the appropriate place?..... (YES)...NO...NA

17. Were correct containers used for the analysis requested?..... (YES)...NO...NA

18. Was sufficient amount of sample sent in each container?..... (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... [initials]

I certify that I attached a label with the unique LIMS number to each container (intial)..... [initials]

19. Were there Non-Conformance issues at login YES (NO) Was a PIPE generated YES (NO) #_____

BIS = Broken in shipment

LAB: (Test America) STL Other_____

SHELL Chain Of Custody Record

Lab Identification (if necessary):
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Nashville, Tennessee
- ☐ STL
- ☐ Other (location)_____

Shell Project Manager to be Invoiced:
- ☑ ENVIRONMENTAL SERVICES — **Denis Brown**
- ☐ TECHNICAL SERVICES
- ☐ COMPLIANCE
- ☐ CHECK BOX TO VERIFY IF NO INCIDENT NUMBER APPLIES
- ☐ NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY): 9 8 9 9 5 7 5 2

SAP or CRMT NUMBER (TS/CRMT):

DATE: 3/8/06

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Blaine Tech Services	BTSS	540 Hegenberger Rd., Oakland	CA	T0600102123

ADDRESS:	EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
1680 Rogers Avenue, San Jose, CA 95112	Anni Kreml, Cambria, Emeryville Office	(510)420-3335	shell.em.edf@cambria-env.com	BTS #060308-DM1

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	E-MAIL:
Michael Ninokata	408-573-0555	408-573-7771	mninokata@blainetech.com

SAMPLER NAME(S) (Print): Devin Ragnol

LAB USE ONLY: NPC1359

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS): ☐ RESULTS NEEDED ON WEEKEND
☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:_____

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED ☐

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS — 03/20/06 17:00

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015m)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-1	3/8/06	1150	W	3	X		X		X	X								NPC1359-01
	MW-2		1155	W	3	X		X		X	X								-02
	MW-3		1120	W	3	X		X		X	X								-03
	MW-4		930	W	3	X		X		X									-04
	MW-5		1335	W	3	X		X		X	X								-05
	DW-D		1020	W	3	X		X		X									-06

TEMPERATURE ON RECEIPT C° 5.2C

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	Joyce Costanza	3/8/06	1687
Joyce Costanza		3-8-06	1715
		3-8-06	1805

White to File, Yellow and Pink

3.9.06 1320 — 3/10/06 — 755

Q&Q Graphic (714) 898-9702

WELL GAUGING DATA

Project # 060308-D21 Date 3/8/06 Client 98995752

Site 540 Heyer Berger Rd. Oakland CA.

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOE	
MW-1	2	* Pump pulled	gauge to	arrival		6.21	22.45		
MW-2	2					6.02	19.91		
MW-3	2	* Pulled pump to	gauge (System not running)			5.57	18.43		Ext.
MW-4	4					6.19	18.50		
MW-5	4					4.18	18.51		
BW-D	12	* Gauged w/	slinger in well.			3.61	~~12~~.40	✓	

SHELL WELL MONITORING DATA SHEET

BTS #: 060308-DR1	Site: 98995752
Sampler: DR	Date: 3/8/06
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 22.45	Depth to Water (DTW): 6.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.46	

Purge Method: X Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

2.6 (Gals.) X 3 = 7.8 Gals.
1 Case Volume; Specified Volumes; Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1133	65.2	7.7	2038	>1000	2.6	6mg / cloudy
1140	65.6	7.5	4576	>1000	5.2	" "
1147	65.7	7.6	4618	>1000	7.8	" "

Did well dewater? Yes (No) Gallons actually evacuated: 7.8

Sampling Date: 3/8/06 Sampling Time: 1150 Depth to Water: 9.43

Sample I.D.: MW-1 Laboratory: STL Other TA

Analyzed for: (TPH-G) ~~BTEX~~ (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060308-DR1	Site: 9899 5752
Sampler: DR	Date: 3/8/06
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 19.91	Depth to Water (DTW): 6.07
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.80	

Purge Method: X Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: X Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

2.2 (Gals.) X 3 = 6.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1033	61.8	7.0	710	>1000	2.2	Cloudy
1039	63.6	7.0	758	>1000	4.4	"
1045	63.8	7.1	772	>1000	6.6	"

Did well dewater? Yes (No) Gallons actually evacuated: 6.6

Sampling Date: 3/8/06 Sampling Time: 1155 Depth to Water: 6.34

Sample I.D.: MW-2 Laboratory: STL Other TA

Analyzed for: (TPH-G) ~~BTEX~~ (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060308-DR1	Site: 9899 5752
Sampler: DR	Date: 3/8/06
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 18.43	Depth to Water (DTW): 5.57
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.14	

Purge Method: X Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

2.1 (Gals.) X	3	= 6.3 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1106	64.1	7.2	3736	>1000	2.1	cloudy / grey
1111	65.9	7.3	5400	741	4.2	" "
1116	66.3	7.3	5482	496	6.3	light cloudy / grey

Did well dewater? Yes (No) Gallons actually evacuated: 6.3

Sampling Date: 3/8/06 Sampling Time: 1120 Depth to Water: 7.51

Sample I.D.: MW-3 Laboratory: STL Other TA

Analyzed for: (TPH-G) ~~BTEX~~ (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060308-DR1	Site: 9899 5752
Sampler: DR	Date: 3/8/06
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 18.50	Depth to Water (DTW): 6.19
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.65	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

8.0 (Gals.) X 3 = 24 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
918	64.9	7.1	4572	307	8.0	light cloudy
919	65.7	7.0	4550	218	16.0	"
920	65.6	7.1	4049	129	24.0	clear

Did well dewater? Yes (No) Gallons actually evacuated: 24.0

Sampling Date: 3/8/06 Sampling Time: 930 Depth to Water: 7.23

Sample I.D.: MW-4 Laboratory: STL Other TA

Analyzed for: (TPH-G) ~~BTEX~~ (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060308-DR1	Site: 9899 5752
Sampler: DR	Date: 3/8/06
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 18.51	Depth to Water (DTW): 4.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.05	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1 Case Volume	Specified Volumes	Calculated Volume
9.3 (Gals.) X	3 =	27.9 Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1046	65.8	7.5	660	736	9.3	cloudy
1048	66.7	7.6	663	529	18.6	"
1050	66.8	7.7	714	418	27.9	light cloud

Did well dewater? Yes (No) Gallons actually evacuated: 27.9

Sampling Date: 3/8/06 Sampling Time: 1335 Depth to Water: 11.03 @ 2 hours

Sample I.D.: MW-5 Laboratory: STL Other TA

Analyzed for: (TPH-G) ~~BTEX~~ (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060308-DR1	Site: 9899 5752
Sampler: DR	Date: 3/8/06
Well I.D.: BW-D	Well Diameter: 2 3 4 6 8 (12")
Total Well Depth (TD): 12.40	Depth to Water (DTW): 3.61
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.37	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method:
- X Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

52 (Gals.) X 3 = 156 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
951	62.5	6.7	705	6	52.0	clear
1001	61.9	6.7	699	7	104.0	"
1011	61.8	6.8	698	5	156.0	"

Did well dewater? Yes (No) Gallons actually evacuated: 156.0

Sampling Date: 3/8/06 Sampling Time: 1020 Depth to Water: 3.61

Sample I.D.: BW-D Laboratory: STL Other TA

Analyzed for: (TPH-G) ~~BTEX~~ (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ATTACHMENT B

Arco Groundwater Data

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #4494

566 Hegenberger Rd., Oakland, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-1	6/20/2000	--	a	106.1	13.00	--	7.02	99.08	<1,000	<10	<10	<10	<20	14000/ 15000	---	---
	9/28/2000	--	a	106.1	13.00	--	7.07	99.03	<500	<5.0	<5.0	<5.0	<5.0	13000/ 18800	---	---
	12/17/2000	--		106.1	13.00	--	6.95	99.15	<50	<0.5	<0.5	<0.5	<0.5	10,600	---	---
	3/28/2001	--		106.1	13.00	--	6.88	99.22	<500	<5.0	<5.0	<5.0	<5.0	16,900	---	---
	6/21/2001	--		106.1	13.00	--	7.18	98.92	<1,000	<10	<10	<10	<10	3,400	---	---
	9/23/2001	--	a	106.1	13.00	--	7.11	98.99	<1,000	<10	<10	<10	<10	2200/1800	---	---
	12/31/2001	--		106.1	13.00	--	6.91	99.19	<5,000	<50	<50	<50	<50	14,000	---	---
	3/14/2002	--		106.1	13.00	--	6.85	99.25	<5,000	<50	<50	<50	<50	6,200	---	---
	4/17/2002	--		106.1	13.00	--	5.89	100.21	<5,000	<50	<50	<50	<50	4,500	---	---
	8/8/2002	--	a, b	106.1	13.00	--	7.19	98.91	230	<2.0	<2.0	<2.0	<2.0	660/440	4.5	7.8
	12/12/2002	--	a, d	106.1	13.00	--	7.28	98.82	630	<5.0	<5.0	<5.0	<5.0	1300/830	1.9	7.6
	3/20/2003	--	e	106.1	13.00	--	6.91	99.19	1,100	<5.0	<5.0	<5.0	<5.0	780	2.2	8.5
	6/23/2003	--		106.1	13.00	--	7.61	98.49	530	<5.0	<5.0	<5.0	<5.0	260	1.2	7.6
	9/22/2003	--		11.36	13.00	--	7.78	3.58	<50	<0.50	<0.50	<0.50	<0.50	17	3.5	7.7
	12/03/2003	P		11.36	13.00	--	7.90	3.46	410	2.6	9.8	<2.5	11	260	2.1	6.9
	03/18/2004	P		11.36	13.00	--	6.68	4.68	<250	<2.5	<2.5	<2.5	<2.5	130	2.4	7.0
	05/25/2004	P		11.36	13.00	--	7.55	3.81	<250	<2.5	<2.5	<2.5	<2.5	120	1.3	7.0
	09/22/2004	P		11.36	13.00	--	6.78	4.58	150	1.5	<1.0	<1.0	<1.0	140	3.8	7.12
	12/22/2004	P		11.36	13.00	--	6.44	4.92	<500	<5.0	<5.0	<5.0	<5.0	74	1.7	6.8
	02/23/2005	P		11.36	13.00	--	7.03	4.33	<50	<0.50	<0.50	<0.50	<0.50	6.0	2.1	7.2
	06/27/2005	P		11.36	13.00	--	6.66	4.70	<250	<2.5	<2.5	<2.5	<2.5	150	3.6	7.4
	08/31/2005	P		11.36	13.00	--	6.67	4.69	<50	<0.50	<0.50	<0.50	<0.50	0.82	3.8	7.2
	03/08/2006	**P**	l	**11.36**	**13.00**	**--**	**6.27**	**5.09**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**6.8**	**3.9**	**7.5**
MW-3	6/20/2000	--	a	106.29	7.00	--	9.18	97.11	<50	<0.5	<0.5	<0.5	<1.0	27/27	---	---
	9/28/2000	--	a	106.29	7.00	--	9.33	96.96	<50	<0.5	<0.5	<0.5	<1.0	4.3/<2.0	---	---
	12/17/2000	--		106.29	7.00	--	9.31	96.98	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/28/2001	--		106.29	7.00	--	9.23	97.06	<50	<0.5	<0.5	<0.5	<0.5	7.42	---	---
	6/21/2001	--		106.29	7.00	--	9.58	96.71	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	9/23/2001	--		106.29	7.00	--	9.76	96.53	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	12/31/2001	--		106.29	7.00	--	8.78	97.51	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/14/2002	--		106.29	7.00	--	9.25	97.04	<50	<0.5	<0.5	<0.5	<0.5	4.0	---	---
	4/17/2002	--		106.29	7.00	--	8.44	97.85	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #4494
566 Hegenberger Rd., Oakland, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-3	8/8/2002	--		106.29	7.00	--	9.63	96.66	<50	<0.5	<0.5	<0.5	<0.5	<2.5	2.6	7.9
	12/12/2002	--	d	106.29	7.00	--	9.51	96.78	<50	<0.5	<0.5	<0.5	<0.5	<2.5	3.0	6.8
	3/20/2003	--	e	106.29	7.00	--	9.40	96.89	<50	<0.50	<0.50	<0.50	<0.50	6.1	1.2	7.0
	6/23/2003	--		106.29	7.00	--	9.36	96.93	<50	<0.50	<0.50	<0.50	<0.50	5.2	0.9	8.2
	9/22/2003	--		11.62	7.00	--	9.48	2.14	<50	<0.50	<0.50	<0.50	<0.50	3.9	1.4	7.9
	12/03/2003	--	g	11.62	7.00	--	9.44	2.18	--	--	--	--	--	--	--	--
	03/18/2004	NP		11.62	7.00	--	8.76	2.86	<50	<0.50	<0.50	<0.50	<0.50	4.6	0.8	7.3
	05/25/2004	--	g	11.62	7.00	--	9.55	2.07	--	--	--	--	--	--	--	--
	09/22/2004	NP		11.62	7.00	--	9.44	2.18	<50	<0.50	<0.50	<0.50	<0.50	4.7	--	--
	12/22/2004	--		11.62	7.00	--	9.06	2.56	--	--	--	--	--	--	--	--
	02/23/2005	NP		11.62	7.00	--	8.75	2.87	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	8.2
	06/27/2005	--		11.62	7.00	--	9.35	2.27	--	--	--	--	--	--	--	--
	08/31/2005	NP		11.62	7.00	--	9.31	2.31	<50	<0.50	<0.50	<0.50	<0.50	1.3	0.5	7.7
	03/08/2006	**--**		**11.62**	**7.00**	**--**	**9.03**	**2.59**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-4	6/20/2000	--		107.4	7.00	--	8.49	98.91	<50	<0.5	<0.5	<0.5	<1.0	<10	---	---
	9/28/2000	--		107.4	7.00	--	8.70	98.70	<50	<0.5	<0.5	<0.5	<1.0	<2.5	---	---
	12/17/2000	--		107.4	7.00	--	8.53	98.87	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/28/2001	--		107.4	7.00	--	8.59	98.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	6/21/2001	--		107.4	7.00	--	8.79	98.61	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	9/23/2001	--		107.4	7.00	--	8.67	98.73	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	12/31/2001	--		107.4	7.00	--	8.03	99.37	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/14/2002	--		107.4	7.00	--	8.48	98.92	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	4/17/2002	--		107.4	7.00	--	7.79	99.61	<50	<0.5	<0.5	<0.5	<0.5	5.6	---	---
	8/8/2002	--		107.4	7.00	--	8.90	98.50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	4.5	8.0
	12/12/2002	--	d	107.4	7.00	--	9.07	98.33	<50	<0.5	<0.5	<0.5	<0.5	<2.5	5.6	6.2
	3/20/2003	--	e	107.4	7.00	--	8.85	98.55	<50	<0.50	<0.50	<0.50	0.50	<0.50	4.8	7.8
	6/23/2003	--		107.4	7.00	--	9.26	98.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50	6.3	7.5
	9/22/2003	--		13.18	7.00	--	9.22	3.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50	7.4	8.0
	12/03/2003	--	g	13.18	7.00	--	9.48	3.70	--	--	--	--	--	--	--	--
	03/18/2004	NP		13.18	7.00	--	8.32	4.86	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.5	8.4
	05/25/2004	--	g	13.18	7.00	--	9.03	4.15	--	--	--	--	--	--	--	--
	09/22/2004	NP		13.18	7.00	--	8.62	4.56	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	--
	12/22/2004	--		13.18	7.00	--	7.80	5.38	--	--	--	--	--	--	--	--
	02/23/2005	NP		13.18	7.00	--	7.74	5.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	7.3

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #4494
566 Hegenberger Rd., Oakland, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-4	06/27/2005	--		13.18	7.00	--	8.38	4.80	--	--	--	--	--	--	--	--
	08/31/2005	NP		13.18	7.00	--	8.15	5.03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	6.9
	03/08/2006	--		**13.18**	**7.00**	--	**7.84**	**5.34**	--	--	--	--	--	--	--	--
MW-5	6/20/2000	--		105.19	8.00	--	7.65	97.54	<50	<0.5	<0.5	<0.5	<1.0	<10	---	---
	9/28/2000	--		105.19	8.00	--	6.82	98.37	<50	<0.5	<0.5	<0.5	<1.0	<2.5	---	---
	12/17/2000	--		105.19	8.00	--	6.50	98.69	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/28/2001	--		105.19	8.00	--	6.34	98.85	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	6/21/2001	--		105.19	8.00	--	7.88	97.31	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	9/23/2001	--		105.19	8.00	--	6.98	98.21	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	12/31/2001	--		105.19	8.00	--	5.01	100.18	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/14/2002	--		105.19	8.00	--	5.93	99.26	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	4/17/2002	--		105.19	8.00	--	5.37	99.82	<50	<0.5	<0.5	<0.5	<0.5	8.5	---	---
	8/8/2002	--	b	105.19	8.00	--	6.85	98.34	<50	<0.5	<0.5	<0.5	<0.5	<2.5	0.7	7.3
	12/12/2002	--	d	105.19	8.00	--	6.53	98.66	<50	2.2	4.7	1.3	6.8	<2.5	1.3	7.0
	3/20/2003	--	e	105.19	8.00	--	6.40	98.79	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.7	7.1
	6/23/2003	--		105.19	8.00	--	6.72	98.47	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	7.2
	9/22/2003	--	f	10.63	8.00	--	6.76	3.87	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	7.2
	12/03/2003	--	g	10.63	8.00	--	6.56	4.07	--	--	--	--	--	--	--	--
	03/18/2004	P		10.63	8.00	--	5.98	4.65	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	7.3
	05/25/2004	--	g	10.63	8.00	--	6.77	3.86	--	--	--	--	--	--	--	--
	09/22/2004	P		10.63	8.00	--	6.90	3.73	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	7.17
	12/22/2004	--		10.63	8.00	--	6.18	4.45	--	--	--	--	--	--	--	--
	02/23/2005	P		10.63	8.00	--	5.36	5.27	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	7.2
	06/27/2005	--		10.63	8.00	--	6.26	4.37	--	--	--	--	--	--	--	--
	08/31/2005	P		10.63	8.00	--	6.70	3.93	<50	<0.50	<0.50	<0.50	<0.50	1.9	0.8	7.2
	03/08/2006	--		**10.63**	**8.00**	--	**5.12**	**5.51**	--	--	--	--	--	--	--	--
MW-6	6/20/2000	--		105.07	8.00	--	6.24	98.83	<50	<0.5	<0.5	<0.5	<1.0	<10	---	---
	9/28/2000	--		105.07	8.00	--	6.45	98.62	<50	<0.5	<0.5	<0.5	<1.0	<2.5	---	---
	12/17/2000	--		105.07	8.00	--	6.26	98.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/28/2001	--		105.07	8.00	--	6.10	98.97	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	6/21/2001	--		105.07	8.00	--	7.68	97.39	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	9/23/2001	--		105.07	8.00	--	6.72	98.35	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	12/23/2001	--		105.07	8.00	--	4.68	100.39	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---

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Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-6	3/14/2002	–		105.07	8.00	–	5.55	99.52	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	4/17/2002	–		105.07	8.00	–	4.96	100.11	<50	<0.5	<0.5	<0.5	<0.5	7.0	---	---
	8/8/2002	--		105.07	8.00	--	6.46	98.61	<50	<0.5	<0.5	<0.5	<0.5	<2.5	0.7	7.3
	12/12/2002	–	d	105.07	8.00	–	6.18	98.89	65	3.3	8.4	2.7	14	<2.5	1.1	6.9
	3/20/2003	–	e	105.07	8.00	–	6.18	98.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	7.0
	6/23/2003	–		105.07	8.00	–	6.15	98.92	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	7.1
	9/22/2003	--	f	10.41	8.00	--	6.43	3.98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	7.0
	12/03/2003	--	g	10.41	8.00	--	6.12	4.29	--	--	--	--	--	--	--	--
	03/18/2004	P		10.41	8.00	--	5.40	5.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	7.2
	05/25/2004	–	g	10.41	8.00	--	6.30	4.11	–	--	--	--	–	--	--	--
	09/22/2004	P		10.41	8.00	--	6.43	3.98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	7.01
	12/22/2004	--		10.41	8.00	--	5.73	4.68	--	--	--	--	--	--	--	--
	02/23/2005	P		10.41	8.00	–	4.61	5.80	<50	<0.50	<0.50	<0.50	<0.50	5.0	2.6	7.1
	06/27/2005	–		10.41	8.00	–	5.78	4.63	--	--	--	--	--	--	--	--
	08/31/2005	P		10.41	8.00	–	6.19	4.22	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	7.0
	03/08/2006	**P**	**j**	**10.41**	**8.00**	**--**	**4.59**	**5.82**	**200**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**2.8**	**7.3**
MW-7	6/20/2000	--	a	105.52	9.00	--	8.65	96.87	<50	<0.5	<0.5	<0.5	<1.0	13/13	---	---
	9/28/2000	–	a	105.52	9.00	--	8.75	96.77	<50	<0.5	<0.5	<0.5	<1.0	136/261	---	---
	12/17/2000	--		105.52	9.00	–	8.62	96.90	<50	<0.5	<0.5	<0.5	<0.5	27.1	---	---
	3/28/2001	--		105.52	9.00	--	8.66	96.86	<50	<0.5	<0.5	<0.5	<0.5	51.5	---	---
	6/21/2001	–		105.52	9.00	–	8.84	96.68	<50	<0.5	<0.5	<0.5	<0.5	53	---	---
	9/23/2001	--	a	105.52	9.00	--	8.75	96.77	<50	<0.5	<0.5	<0.5	<0.5	35/21	---	---
	12/23/2001	--		105.52	9.00	--	7.79	97.73	<50	<0.5	<0.5	<0.5	<0.5	440	---	---
	3/14/2002	--		105.52	9.00	--	8.30	97.22	<50	<0.5	<0.5	<0.5	<0.5	18	---	---
	4/17/2002	--		105.52	9.00	--	7.43	98.09	<50	<0.5	<0.5	<0.5	<0.5	67	---	---
	8/8/2002	--	a, b	105.52	9.00	--	8.61	96.91	55	<0.5	<0.5	<0.5	<0.5	130/100	1.1	7.1
	12/12/2002	--	a, d, h	105.52	9.00	--	8.55	---	75	< 0.5	< 0.5	< 0.5	< 0.5	160/130	1.2	7.0
	3/20/2003	--	e	105.52	9.00	--	8.38	---	<50	<0.50	<0.50	<0.50	<0.50	32	2.2	7.2
	6/23/2003	--		105.52	9.00	–	8.37	---	<50	<0.50	<0.50	<0.50	<0.50	14	0.8	7.1
	9/22/2003	--	f	10.51	9.00	–	8.95	1.56	<50	<0.50	<0.50	<0.50	<0.50	5.3	2.2	7.2
	12/03/2003	P		10.51	9.00	–	8.86	1.65	<50	<0.50	<0.50	<0.50	<0.50	4.2	0.1	7.2
	03/18/2004	P		10.51	9.00	–	8.03	2.48	<50	<0.50	<0.50	<0.50	<0.50	3.0	1.0	7.2
	05/25/2004	P		10.51	9.00	–	8.37	2.14	<50	<0.50	<0.50	<0.50	<0.50	4.1	0.7	7.1
	09/22/2004	P		10.51	9.00	--	8.90	1.61	<50	<0.50	<0.50	<0.50	<0.50	2.3	0.9	7.27

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Groundwater Elevation and Analytical Data

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566 Hegenberger Rd., Oakland, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-7	12/22/2004	P		10.51	9.00	--	7.90	2.61	<50	<0.50	<0.50	<0.50	<0.50	2.7	2.8	7.2
	02/23/2005	P		10.51	9.00	--	8.23	2.28	180	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	7.1
	06/27/2005	P		10.51	9.00	--	8.24	2.27	<50	<0.50	<0.50	<0.50	<0.50	4.2	0.1	6.7
	08/31/2005	P		10.51	9.00	--	8.27	2.24	<50	<0.50	<0.50	<0.50	<0.50	2.5	1.6	7.2
	03/08/2006	--		**10.51**	**9.00**	--	**7.73**	**2.78**	--	--	--	--	--	--	--	--
RW-1	6/20/2000	--		---	--	--	8.21	---	<50	<0.5	1.1	<0.5	<1.0	<10	---	---
	9/28/2000	--		---	--	--	8.28	---	<50	<0.5	<0.5	<0.5	<1.0	<2.5	---	---
	12/17/2000	--		---	--	--	8.29	---	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/28/2001	--		---	--	--	8.16	---	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	6/21/2001	--		---	--	--	9.37	---	160	5.1	<0.5	1.1	3.2	<2.5	---	---
	9/23/2001	--		---	--	--	8.75	---	57	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	12/31/2001	--		---	--	--	6.80	---	520	3.1	<0.5	6.4	4.7	<2.5	---	---
	3/14/2002	--		---	--	--	7.86	---	240	3.7	<0.5	0.7	2.8	<2.5	---	---
	4/17/2002	--		---	--	--	7.13	---	<50	<0.5	1.6	<0.5	0.72	<2.5	---	---
	8/8/2002	--	a, c	---	--	--	8.48	---	<50	<0.5	<0.5	<0.5	<0.5	3.7/<0.5	1.1	7.0
	12/12/2002	--		---	--	--	8.63	---	<50	<0.5	<0.5	<0.5	<0.5	<2.5	1.9	6.9
	3/20/2003	--	e	---	--	--	8.08	---	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	7.3
	6/23/2003	--		---	--	--	8.28	---	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	7.3
	9/22/2003	--	f	11.97	--	--	8.42	3.55	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	7.1
	12/03/2003	--	g	11.97	--	--	8.05	3.92	--	--	--	--	--	--	--	--
	03/18/2004	P		11.97	--	--	7.18	4.79	50	0.54	<0.50	<0.50	<0.50	<0.50	0.9	7.1
	05/25/2004	--	g	11.97	--	--	8.32	3.65	--	--	--	--	--	--	--	--
	09/22/2004	P		11.97	--	--	8.42	3.55	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	6.7
	12/22/2004	--		11.97	--	--	7.23	4.74	--	--	--	--	--	--	--	--
	02/23/2005	P		11.97	--	--	6.89	5.08	190	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	7.2
	06/27/2005	--		11.97	--	--	7.86	4.11	--	--	--	--	--	--	--	--
	08/31/2005	P		11.97	--	--	8.20	3.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	7.2
	03/08/2006	--		**11.97**	--	--	**6.49**	**5.48**	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #4494
566 Hegenberger Rd., Oakland, CA

SYMBOLS AND ABBREVIATIONS:
--/--- = Not calculated, surveyed, available, applicable, analyzed
< = Not detected at or above specifed laboratory reporting limit
DO = Dissolved oxygen
DTW = Depth to water in ft bgs
ft bgs = Feet below ground surface
ft MSL = Feet above mean sea level
GRO = Gasoline range organics
GWE = Groundwater elevation in ft MSL
mg/L = Milligrams per liter
MTBE = Methyl tert-butyl ether analyzed by EPA Method 8021B prior to 3/20/03 unless otherwise noted
NP = Well not purged prior to sampling
P = Well purged prior to sampling
TPH-g = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8015M prior to 3/20/03 and by 8260b henceforth
TOC = Top of casing in ft MSL
µg/L = Micrograms per liter

FOOTNOTES:
a = MTBE confirmation analyzed by EPA Method 8260.
b = Hydrocarbon pattern is present in the requested fuel quantitation range for TPH-g/GRO but does not resemble the pattern of the requested fuel.
c = This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
d = Analyzed by EPA Method 8215B/8021B for TPHg/GRO.
e = TPH-g, BTEX, and MTBE analyzed by EPA method 8260B beginning on 2003 samlping event (03/20/03).
f = TOC elvations were re-surveyed on July 18, 2003 by URS Corporation of Pleasant Hill, CA.
g = Wells MW-3, MW-4, MW-5, MW-6 and RW-1 are sampled semi-annually in the 1st and 3rd quarters.
h = TOC was found shattered on December 12, 2002. TOC unknown.
i = Initial analysis for GRO and MTBE within holding time but failed QA/QC criteria.
j = Hydrocarbon result for GRO partly due to individual peak(s) in quantitative range.

NOTES:
The data within this table collected prior to August 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported.

Beginning in the second quarter 2004, the carbon range for GRO has been changed from C6-C10 to C4-C12.

The values for pH and DO were obtained through field measurements.

Table 2

Fuel Additives Analytical Data

ARCO Service Station #4494

566 Hegenberger Rd., Oakland, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-1	3/20/2003	<1,000	640	780	<5.0	<5.0	<5.0	—	—	
	6/23/2003	<1,000	<200	260	<5.0	<5.0	<5.0	<5.0	<5.0	
	9/22/2003	<100	250	17	<0.50	<0.50	<0.50	—	—	
	12/03/2003	<500	<100	260	<2.5	<2.5	<2.5	–	–	
	03/18/2004	<500	<100	130	<2.5	<2.5	<2.5	<2.5	<2.5	
	05/25/2004	<500	<100	120	<2.5	<2.5	<2.5	<2.5	<2.5	
	09/22/2004	<200	<40	140	<1.0	<1.0	<1.0	<1.0	<1.0	
	12/22/2004	<1,000	<200	74	<5.0	<5.0	<5.0	<5.0	<5.0	
	02/23/2005	<100	<20	6.0	<0.50	<0.50	2.4	<0.50	<0.50	
	06/27/2005	<500	<100	150	<2.5	<2.5	<2.5	<2.5	<2.5	
	08/31/2005	<100	<20	0.82	<0.50	<0.50	<0.50	<0.50	<0.50	a
	03/08/2006	**<300**	**<20**	**6.8**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**b**
MW-3	3/20/2003	<100	<20	601	<0.50	<0.50	1.1	—	—	
	6/23/2003	<100	<20	5.2	<0.50	<0.50	0.75	<0.50	<0.50	
	9/22/2003	<100	<20	3.9	<0.50	<0.50	<0.50	—	—	
	03/18/2004	<100	<20	4.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2005	<100	<20	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-4	3/20/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	—	—	
	6/23/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	—	—	
	03/18/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5	3/20/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	—	—	
	6/23/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	—	—	
	03/18/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #4494

566 Hegenberger Rd., Oakland, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-5	08/31/2005	<100	<20	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-6	3/20/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	—	—	
	6/23/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	—	—	
	03/18/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/23/2005	<100	140	5.0	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/08/2006	**<300**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**b**
MW-7	3/20/2003	<100	<20	21	<0.50	<0.50	0.62	—	—	
	6/23/2003	<100	170	14	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/22/2003	<100	170	5.3	<0.50	<0.50	<0.50	—	—	
	12/03/2003	<100	85	4.2	<0.50	<0.50	<0.50	--	–	
	03/18/2004	<100	<20	3.0	<0.50	<0.50	<0.50	<0.50	<0.50	a
	05/25/2004	<100	43	4.1	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/22/2004	<100	34	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/27/2005	<100	86	4.2	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2005	<100	41	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
RW-1	3/20/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	—	—	
	6/23/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	—	—	
	03/18/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #4494
566 Hegenberger Rd., Oakland, CA

SYMBOLS AND ABBREVIATIONS:
< = Not detected at or above specified laboratory reporting limit
--/--- = Not analyzed, sampled, available
1,2-DCA = 1,2-Dichloroethane
DIPE = Di-isopropyl ether
EDB = 1,2-Dibromoethane
ETBE = Ethyl tert-butyl ether
MTBE = Methyl tert-butyl ether
TAME = tert-Amyl methyl ether
TBA = tert-Butyl alcohol
µg/L = Micrograms per liter

FOOTNOTES:
a = The continuing calibration verification for ethanol was outside of client contractual acceptance limits. However, it was within method acceptance limits and should be useful for its intended purpose.
b = Possible high bias due to CCV falling outside acceptance criteria for TAME, MTBE, 1,2-DCA, and/or ETBE.

NOTES:
All fuel oxygenate compounds were analyzed using EPA Method 8260B.