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**Denis L. Brown**

December 13, 2005

Jerry Wickham  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**Shell Oil Products US**  
HSE – Environmental Services  
20945 S. Wilmington Ave.  
Carson, CA 90810-1039  
Tel (707) 865 0251  
Fax (707) 865 2542  
Email [denis.l.brown@shell.com](mailto:denis.l.brown@shell.com)

Re: Fourth Quarter 2005 Monitoring Report  
Shell-Branded Service Station  
1285 Bancroft Avenue  
San Leandro, California  
SAP Code 136017  
Incident No. 98996067  
ACHCSA # 988

Alameda County  
DEC 20 2005

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Fourth Quarter 2005 Monitoring Report* 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

December 13, 2005

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

Re: **Fourth Quarter 2005 Monitoring Report**  
Shell-branded Service Station  
1285 Bancroft Avenue  
San Leandro, California  
Incident #98996067  
Cambria Project #247-0504-002  
ACHCSA Case #988



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.

## REMEDIATION SUMMARY

On September 2, 1998, mobile groundwater extraction (GWE) was performed at the site; from July 30, 1999 through September 9, 1999, weekly GWE events were performed using wells MW-1, MW-3, and MW-5.

Dual-phase vapor extraction (DVE) is the process of applying high vacuum through an airtight well seal to simultaneously extract soil vapors from the vadose zone and to enhance groundwater extraction from the saturated zone. In November 2000, Cambria initiated monthly mobile DVE on wells MW-5 and MW-6 to facilitate hydrocarbon and oxygenate removal from groundwater and the vadose zones. To date, approximately 17.9 pounds of liquid-phase total petroleum hydrocarbons as gasoline (TPHg), 0.77 pounds of liquid-phase methyl tertiary butyl ether (MTBE), 0.36 pounds of liquid-phase benzene, 131.5 pounds of vapor-phase TPHg, 1.23 pounds of vapor-phase MTBE, and 0.2 pounds of vapor-phase benzene have been removed from the subsurface. Since underground storage tank enhanced-vapor-recovery upgrades occurred in January 2005 and because of the lack of marked effect on concentrations in MW-5 and MW-6, mobile DVE operations were put on hold following the January 17, 2005 event pending an overall evaluation of the site. Tables 1 and 2 present mass removal data.

**Cambria  
Environmental  
Technology, Inc.**

5900 Hollis Street  
Suite A  
Emeryville, CA 94608  
Tel (510) 420-0700  
Fax (510) 420-9170

**FOURTH QUARTER 2005 ACTIVITIES**

**Groundwater Monitoring:** Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all wells, measured dissolved oxygen (DO) concentrations in all wells, calculated groundwater elevations, and compiled the analytical data. 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.



**Well Surveying:** On October 25, 2005, Virgil Chavez Land Surveying of Vallejo, California surveyed the latitude, longitude, and elevation of an off-site irrigation well (IW-1). The Monitoring Well Survey report is included as Attachment B.

**ANTICIPATED FIRST QUARTER 2006 ACTIVITIES**


**Groundwater Monitoring:** Blaine will gauge and sample all wells, measure DO concentrations in all wells, and tabulate the data. Cambria will prepare a monitoring report.

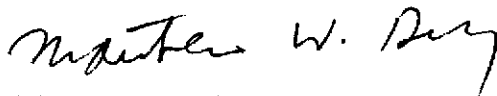
**CLOSING**

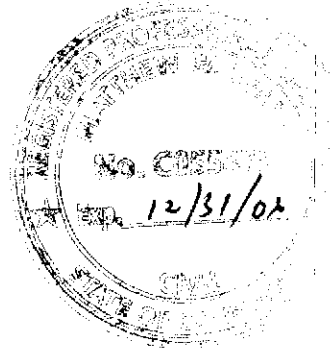
We appreciate the opportunity to work with you on this project. Please call David Gibbs at (510) 420-3363 if you have any questions or comments.

Sincerely,  
**Cambria Environmental Technology, Inc**



  
David M. Gibbs, P.G.  
Project Geologist

  
Matthew W. Derby, P.E.  
Senior Project Engineer



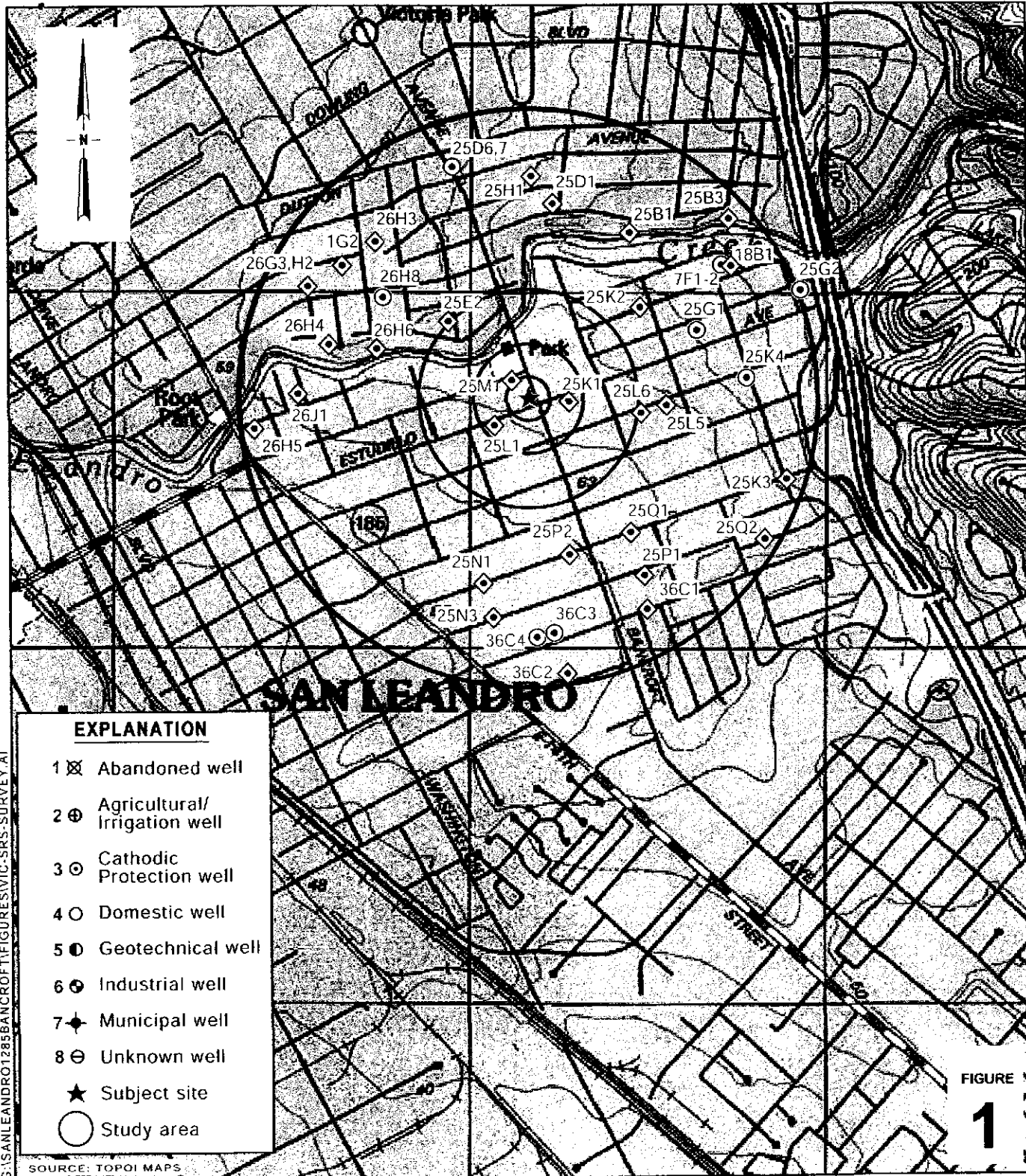
Figures: 1 - Vicinity/Sensitive Receptor Survey Map  
2 - Groundwater Elevation Contour Map

Tables: 1 - Groundwater Extraction - Mass Removal Data  
2 - Vapor Extraction - Mass Removal Data

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes  
B - Monitoring Well Survey Report

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810  
Mike Bakaldin, City of San Leandro, 835 East 14th Street, San Leandro, CA 94577  
Ivan G. and Joanne Cornelius, 198 Juana Avenue, San Leandro CA 94577

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**EXPLANATION**

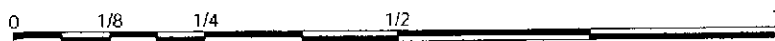
- 1 X Abandoned well
- 2 ⊕ Agricultural/Irrigation well
- 3 ⊙ Cathodic Protection well
- 4 ○ Domestic well
- 5 ● Geotechnical well
- 6 ⊗ Industrial well
- 7 ◆ Municipal well
- 8 ⊖ Unknown well
- ★ Subject site
- Study area

FIGURE

**1**

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SOURCE: TOPOI MAPS



SCALE : 1" = 1/4 MILE

**Shell-branded Service Station**

1285 Bancroft Avenue  
 San Leandro, California  
 Incident #98996067

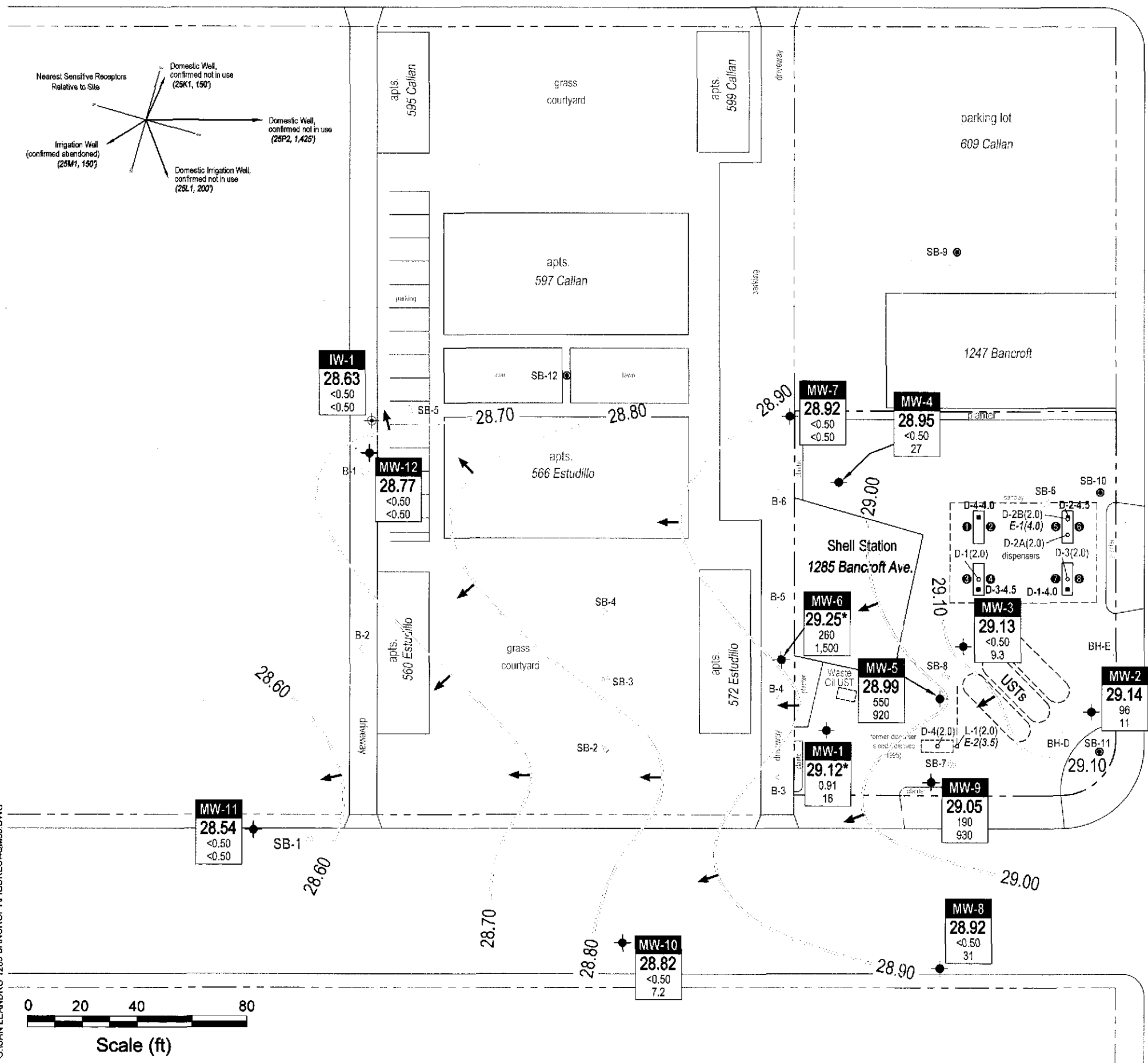
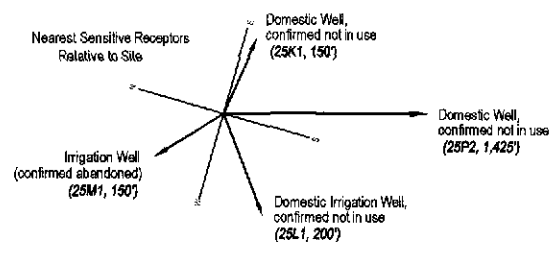


C A M B R I A

**Vicinity/Sensitive Receptor  
 Survey Map**

(1/2-Mile Radius)

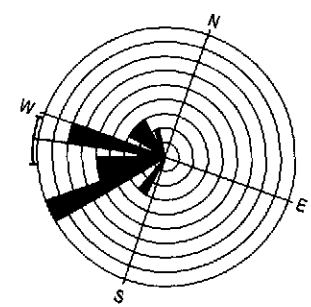
CALLAN AVENUE



**EXPLANATION**

- MW-1 ● Monitoring well location
- IW-1 ⊕ Irrigation well location
- D-1-4.0 ■ Dispenser soil sample location (1/31/05)
- SB-9 ● Soil boring location (2/04)
- SB-1 ⊙ Soil boring location (8/03)
- SB-5 ⊙ Attempted soil boring location (8/03)
- B-1 ⊙ Soil vapor survey location (6/00)
- E-1 ⊙ Confirmation soil sample location (WA, 10/9/95)
- D-1 ⊙ Soil sample location (WA, 10/4/95)
- BH-D ⊙ Soil boring location (WA, 1994)
- Product dispenser number
- \* Data anomalous, not used for contouring
- Groundwater flow direction
- XX.XX Groundwater elevation contour, in feet above mean sea level (msl), approximately located, dashed where inferred

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



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Groundwater Elevation Contour Map

October 21, 2005

C A M B R I A

Shell-branded Service Station

1285 Bancroft Avenue  
San Leandro, California  
Incident No. 98996067

FIGURE 2

**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California**

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH			Benzene			MTBE		
					TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
09/02/98	MW-1	130	130	07/15/98	<50	0.00003	0.00003	2.5	0.00000	0.00000	12	0.00001	0.00001
07/30/99	MW-1	0	130	07/22/99	<50	0.00000	0.00003	<0.500	0.00000	0.00000	2.17	0.00000	0.00001
08/05/99	MW-1	0	130	07/22/99	<50	0.00000	0.00003	<0.500	0.00000	0.00000	2.17	0.00000	0.00001
08/11/99	MW-1	0	130	07/22/99	<50	0.00000	0.00003	<0.500	0.00000	0.00000	2.17	0.00000	0.00001
08/12/99	MW-1	0	130	07/22/99	<50	0.00000	0.00003	<0.500	0.00000	0.00000	2.17	0.00000	0.00001
08/13/99	MW-1	400	530	07/22/99	<50	0.00008	0.00011	<0.500	0.00000	0.00000	2.17	0.00001	0.00002
08/19/99	MW-1	278	808	07/22/99	<50	0.00006	0.00017	<0.500	0.00000	0.00000	2.17	0.00001	0.00003
08/30/99	MW-1	240	1048	07/22/99	<50	0.00005	0.00022	<0.500	0.00000	0.00000	2.17	0.00000	0.00003
09/09/99	MW-1	247	1295	07/22/99	<50	0.00005	0.00027	<0.500	0.00000	0.00001	2.17	0.00000	0.00003
09/02/98	MW-3	240	240	07/18/98	31,000	0.06208	0.06208	1,100	0.00220	0.00220	3,700	0.00741	0.00741
07/30/99	MW-3	0	130	07/22/99	1,970	0.00000	0.06208	51.2	0.00000	0.00220	109	0.00000	0.00741
08/05/99	MW-3	0	130	07/22/99	1,970	0.00000	0.06208	51.2	0.00000	0.00220	109	0.00000	0.00741
08/11/99	MW-3	0	530	07/22/99	1,970	0.00000	0.06208	51.2	0.00000	0.00220	109	0.00000	0.00741
08/12/99	MW-3	100	908	07/22/99	1,970	0.00164	0.06373	51.2	0.00004	0.00225	109	0.00009	0.00750
08/13/99	MW-3	450	1,358	07/22/99	1,970	0.00740	0.07112	51.2	0.00019	0.00244	109	0.00041	0.00791
08/19/99	MW-3	269	1,627	07/22/99	1,970	0.00442	0.07555	51.2	0.00011	0.00255	109	0.00024	0.00815
08/30/99	MW-3	204	1,831	07/22/99	1,970	0.00335	0.07890	51.2	0.00009	0.00264	109	0.00019	0.00834
09/09/99	MW-3	232	2,063	07/22/99	1,970	0.00381	0.08271	51.2	0.00010	0.00274	109	0.00021	0.00855
09/02/98	MW-5	147	147	NA	NA	0.00000	0.00000	NA	0.00000	0.00000	NA	0.00000	0.00000
07/30/99	MW-5	0	147	07/22/99	97,200	0.00000	0.00000	4,580	0.00000	0.00000	4,330	0.00000	0.00000
08/05/99	MW-5	0	147	07/22/99	97,200	0.00000	0.00000	4,580	0.00000	0.00000	4,330	0.00000	0.00000
08/11/99	MW-5	0	147	07/22/99	97,200	0.00000	0.00000	4,580	0.00000	0.00000	4,330	0.00000	0.00000
08/12/99	MW-5	0	147	07/22/99	97,200	0.00000	0.00000	4,580	0.00000	0.00000	4,330	0.00000	0.00000
08/13/99	MW-5	100	247	07/22/99	97,200	0.08111	0.08111	4,580	0.00382	0.00382	4,330	0.00361	0.00361
08/19/99	MW-5	247	494	07/22/99	97,200	0.20033	0.28144	4,580	0.00944	0.01326	4,330	0.00892	0.01254
08/30/99	MW-5	0	494	07/22/99	97,200	0.00000	0.28144	4,580	0.00000	0.01326	4,330	0.00000	0.01254
09/09/99	MW-5	65	559	07/22/99	97,200	0.05272	0.33416	4,580	0.00248	0.01575	4,330	0.00235	0.01489

**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California**

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH			Benzene			MTBE		
					TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
11/28/00	MW-5	324	883	10/19/00	72,400	0.19574	0.52990	3,010	0.00814	0.02388	2,840	0.00768	0.02256
01/23/01	MW-5	375	1,258	01/15/01	78,300	0.24501	0.77491	2,220	0.00695	0.03083	1,370	0.00429	0.02685
02/16/01	MW-5	950	2,208	01/15/01	78,300	0.62069	1.39561	2,220	0.01760	0.04843	1,370	0.01086	0.03771
03/22/01	MW-5	500	2,708	01/15/01	78,300	0.32668	1.72229	2,220	0.00926	0.05769	1,370	0.00572	0.04343
04/23/01	MW-5	600	3,308	01/15/01	78,300	0.39202	2.11431	2,220	0.01111	0.06881	1,370	0.00686	0.05029
07/16/01	MW-5	165	3,473	04/30/01	83,000	0.11428	2.22858	1,400	0.00193	0.07073	3,400	0.00468	0.05497
08/23/01	MW-5	650	4,123	07/24/01	160,000	0.86781	3.09639	2,400	0.01302	0.08375	1,400	0.00759	0.06256
09/10/01	MW-5	450	4,573	07/24/01	160,000	0.60079	3.69719	2,400	0.00901	0.09276	1,400	0.00526	0.06782
10/30/01	MW-5	250	4,823	07/24/01	160,000	0.33377	4.03096	2,400	0.00501	0.09777	1,400	0.00292	0.07074
11/26/01	MW-5	260	5,083	10/31/01	14,000	0.03037	4.06134	150	0.00033	0.09809	110	0.00024	0.07098
12/17/01	MW-5	300	5,383	10/31/01	14,000	0.03505	4.09638	150	0.00038	0.09847	110	0.00028	0.07125
01/29/02	MW-5	725	6,108	01/03/02	62,000	0.37508	4.47146	660	0.00399	0.10246	860	0.00520	0.07645
07/24/02	MW-5	250	6,358	07/11/02	140,000	0.29205	4.76351	1,900	0.00396	0.10643	1,700	0.00355	0.08000
08/30/02	MW-5	95	6,453	07/11/02	140,000	0.11098	4.87449	1,900	0.00151	0.10793	1,700	0.00135	0.08135
09/26/02	MW-5	250	6,703	07/11/02	140,000	0.29205	5.16655	1,900	0.00396	0.11190	1,700	0.00355	0.08490
10/24/02	MW-5	150	6,853	07/11/02	140,000	0.17523	5.34178	1,900	0.00238	0.11427	1,700	0.00213	0.08702
11/19/02	MW-5	150	7,003	10/28/02	30,000	0.03755	5.37933	340	0.00043	0.11470	<200	0.00013	0.08715
12/26/02	MW-5	525	7,528	10/28/02	30,000	0.13142	5.51075	340	0.00149	0.11619	<200	0.00044	0.08759
01/15/03	MW-5	300	7,828	01/07/03	72,000	0.18024	5.69099	720	0.00180	0.11799	1,100	0.00275	0.09034
02/24/03	MW-5	300	8,128	01/07/03	72,000	0.18024	5.87123	720	0.00180	0.11979	1,100	0.00275	0.09309
03/24/03	MW-5	350	8,478	01/07/03	72,000	0.21028	6.08150	720	0.00210	0.12190	1,100	0.00321	0.09631
04/21/03	MW-5	850	9,328	04/14/03	110,000	0.78020	6.86170	900	0.00638	0.12828	1,400	0.00993	0.10624
05/21/03	MW-5	310	9,638	04/14/03	110,000	0.28454	7.14624	900	0.00233	0.13061	1,400	0.00362	0.10986
06/26/03	MW-5	300	9,938	04/14/03	110,000	0.27536	7.42161	900	0.00225	0.13286	1,400	0.00350	0.11336
07/24/03	MW-5	750	10,688	07/01/03	94,000	0.58828	8.00989	970	0.00607	0.13893	2,900	0.01815	0.13151
08/22/03	MW-5	250	10,938	07/01/03	94,000	0.19609	8.20598	970	0.00202	0.14095	2,900	0.00605	0.13756
09/25/03	MW-5	251	11,189	07/01/03	94,000	0.19688	8.40285	970	0.00203	0.14299	2,900	0.00607	0.14363
10/28/03	MW-5	236	11,425	10/08/03	26,000	0.05120	8.45406	290	0.00057	0.14356	300	0.00059	0.14423
11/26/03	MW-5	127	11,552	10/08/03	26,000	0.02755	8.48161	290	0.00031	0.14386	300	0.00032	0.14454



**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California**

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH			Benzene			MTBE		
					TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
12/11/03	MW-5	200	11,752	10/08/03	26,000	0.04339	8.52500	290	0.00048	0.14435	300	0.00050	0.14504
01/08/04	MW-5	400	12,152	10/08/03	26,000	0.08678	8.61178	290	0.00097	0.14532	300	0.00100	0.14605
02/26/04	MW-5	700	12,852	01/15/04	88,000	0.51401	9.12579	880	0.00514	0.15046	1,500	0.00876	0.15481
03/15/04	MW-5	700	13,552	01/15/04	88,000	0.51401	9.63981	880	0.00514	0.15560	1,500	0.00876	0.16357
04/12/04	MW-5	50	13,602	04/09/04	110,000	0.04589	9.68570	990	0.00041	0.15601	3,500	0.00146	0.16503
05/06/04	MW-5	513	14,115	04/09/04	110,000	0.47087	10.15657	990	0.00424	0.16025	3,500	0.01498	0.18001
06/25/04	MW-5	400	14,515	04/09/04	110,000	0.36715	10.52372	990	0.00330	0.16355	3,500	0.01168	0.19169
07/23/04	MW-5	888	15,403	07/13/04	91,000	0.67429	11.19801	650	0.00482	0.16837	1,200	0.00889	0.20058
08/26/04	MW-5	1,100	16,503	07/13/04	91,000	0.83527	12.03328	650	0.00597	0.17433	1,200	0.01101	0.21160
09/24/04	MW-5	900	17,403	07/13/04	91,000	0.68340	12.71669	650	0.00488	0.17922	1,200	0.00901	0.22061
10/14/04	MW-5	300	17,703	07/13/04	91,000	0.22780	12.94449	650	0.00163	0.18084	1,200	0.00300	0.22362
11/22/04	MW-5	194	17,897	07/13/04	91,000	0.14731	13.09180	650	0.00105	0.18190	1,200	0.00194	0.22556
01/17/05	MW-5	468	18,365	01/10/05	130,000	0.50767	13.59947	360	0.00141	0.18330	900	0.00351	0.22907
11/28/00	MW-6	365	365	10/19/00	39,600	0.12061	0.12061	4,050	0.01234	0.01234	14,200	0.04325	0.04325
01/23/01	MW-6	482	847	01/15/01	64,800	0.26062	0.26062	2,090	0.00841	0.00841	<1,250	0.00251	0.04576
02/16/01	MW-6	650	1,497	01/15/01	64,800	0.35146	0.35146	2,090	0.01134	0.01134	<1,250	0.00339	0.04915
03/22/01	MW-6	980	2,477	01/15/01	64,800	0.52990	0.52990	2,090	0.01709	0.01709	<1,250	0.00511	0.05426
04/23/01	MW-6	900	3,377	01/15/01	64,800	0.48664	0.48664	2,090	0.01570	0.01570	<1,250	0.00469	0.05896
07/16/01	MW-6	700	4,077	04/30/01	27,000	0.15771	0.15771	2,300	0.01343	0.01343	6,800	0.03972	0.09868
08/23/01	MW-6	400	4,477	07/20/01	29,000	0.09679	0.09679	2,100	0.00701	0.00701	7,100	0.02370	0.12237
09/10/01	MW-6	600	5,077	07/20/01	29,000	0.14519	0.14519	2,100	0.01051	0.01051	7,100	0.03555	0.15792
10/30/01	MW-6	250	5,327	10/24/01	38,000	0.07927	0.07927	1,400	0.00292	0.00292	4,800	0.01001	0.16793
11/26/01	MW-6	150	5,477	10/24/01	38,000	0.04756	0.04756	1,400	0.00175	0.00175	4,800	0.00601	0.17394
12/17/01	MW-6	300	5,777	10/24/01	38,000	0.09513	0.09513	1,400	0.00350	0.00350	4,800	0.01202	0.18596
01/29/02	MW-6	100	5,877	01/03/02	10,000	0.00834	0.00834	810	0.00068	0.00068	4,100	0.00342	0.18938
02/19/02	MW-6	500	6,377	01/03/02	10,000	0.04172	0.04172	810	0.00338	0.00338	4,100	0.01711	0.20649
03/19/02	MW-6	200	6,577	01/03/02	10,000	0.01669	0.01669	810	0.00135	0.00135	4,100	0.00684	0.21333
04/24/02	MW-6	350	6,927	04/05/02	19,000	0.05549	0.05549	1,100	0.00321	0.00321	4,300	0.01256	0.22589

**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California**

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH			Benzene			MTBE		
					TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
05/29/02	MW-6	300	7,227	04/05/02	19,000	0.04756	0.04756	1,100	0.00275	0.00275	4,300	0.01076	0.23665
06/26/02	MW-6	700	7,927	04/05/02	19,000	0.11098	0.11098	1,100	0.00643	0.00643	4,300	0.02512	0.26177
07/24/02	MW-6	250	8,177	07/11/02	26,000	0.05424	0.05424	1,100	0.00229	0.00229	5,400	0.01126	0.27303
08/30/02	MW-6	95	8,272	07/11/02	26,000	0.02061	0.02061	1,100	0.00087	0.00087	5,400	0.00428	0.27731
09/26/02	MW-6	250	8,522	07/11/02	26,000	0.05424	0.05424	1,100	0.00229	0.00229	5,400	0.01126	0.28858
10/24/02	MW-6	200	8,722	07/11/02	26,000	0.04339	0.04339	1,100	0.00184	0.00184	5,400	0.00901	0.29759
11/19/02	MW-6	200	8,922	10/28/02	11,000	0.01836	0.01836	230	0.00038	0.00038	2,500	0.00417	0.30176
12/26/02	MW-6	525	9,447	10/28/02	11,000	0.04819	0.04819	230	0.00101	0.00101	2,500	0.01095	0.31271
01/15/03	MW-6	830	10,277	01/10/03	17,000	0.11774	0.11774	840	0.00582	0.00582	3,400	0.02355	0.33626
02/24/03	MW-6	700	10,977	01/10/03	17,000	0.09930	0.09930	840	0.00491	0.00491	3,400	0.01986	0.35612
03/24/03	MW-6	650	11,627	01/10/03	17,000	0.09221	0.09221	840	0.00456	0.00456	3,400	0.01844	0.37456
04/21/03	MW-6	550	12,177	04/14/03	31,000	0.14227	0.14227	810	0.00372	0.00372	3,800	0.01744	0.39200
05/21/03	MW-6	612	12,789	04/14/03	31,000	0.15831	0.15831	810	0.00414	0.00414	3,800	0.01941	0.41141
06/26/03	MW-6	450	13,239	04/14/03	31,000	0.11640	0.11640	810	0.00304	0.00304	3,800	0.01427	0.42568
07/24/03	MW-6	1,200	14,439	07/01/03	1,400	0.01402	0.01402	88	0.00088	0.00088	1,900	0.01903	0.44470
08/22/03	MW-6	150	14,589	07/01/03	1,400	0.00175	0.00175	88	0.00011	0.00011	1,900	0.00238	0.44708
09/25/03	MW-6	251	14,840	07/01/03	1,400	0.00293	0.00293	88	0.00018	0.00018	1,900	0.00398	0.45106
10/28/03	MW-6	236	15,076	10/08/03	26,000	0.05120	0.05120	720	0.00142	0.00142	3,500	0.00689	0.45795
11/26/03	MW-6	127	15,203	10/08/03	26,000	0.02755	0.02755	720	0.00076	0.00076	3,500	0.00371	0.46166
12/11/03	MW-6	150	15,353	10/08/03	26,000	0.03254	0.03254	720	0.00090	0.00090	3,500	0.00438	0.46604
01/08/04	MW-6	400	15,753	10/08/03	26,000	0.08678	0.08678	720	0.00240	0.00240	3,500	0.01168	0.47772
02/20/04	MW-6	400	16,153	01/15/04	7,300	0.02437	0.02437	250	0.00083	0.00083	1,100	0.00367	0.48139
03/15/04	MW-6	400	16,553	01/15/04	7,300	0.02437	0.02437	250	0.00083	0.00083	1,100	0.00367	0.48507
04/12/04	MW-6	400	16,953	04/09/04	20,000	0.06675	0.06675	590	0.00197	0.00197	2,400	0.00801	0.49308
05/03/04	MW-6	293	17,246	04/09/04	20,000	0.04890	0.04890	590	0.00144	0.00144	2,400	0.00587	0.49894
06/25/04	MW-6	300	17,546	04/09/04	20,000	0.05007	0.05007	590	0.00148	0.00148	2,400	0.00601	0.50495
07/23/04	MW-6	0	17,546	07/13/04	1,700	0.00000	0.00000	24	0.00000	0.00000	1,600	0.00000	0.50495
08/26/04	MW-6	700	18,246	07/13/04	1,700	0.00993	0.00993	24	0.00014	0.00014	1,600	0.00935	0.51430
09/24/04	MW-6	600	18,846	07/13/04	1,700	0.00851	0.00851	24	0.00012	0.00012	1,600	0.00801	0.52231

**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California**

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	<u>TPPH</u>			<u>Benzene</u>			<u>MTBE</u>			
					TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)	
10/14/04	MW-6	480	19,326	07/13/04	1,700	0.00681	0.00681	24	0.00010	0.00010	1,600	0.00641	0.52872	
11/22/04	MW-6	0	19,326	07/13/04	1,700	0.00000	0.00000	24	0.00000	0.00000	1,600	0.00000	0.52872	
01/17/05	MW-6	819	20,145	01/10/05	17,000	0.11618	0.11618	120	0.00082	0.00082	520	0.00355	0.53227	
<b>Total Gallons Extracted:</b>			<b>41,300</b>	<b>Total Pounds Removed:</b>			<b>17.87204</b>	<b>Total Pounds Removed:</b>			<b>0.35710</b>	<b>Total Pounds Removed:</b>		<b>0.76993</b>
				<b>Total Gallons Removed:</b>			<b>2.92984</b>				<b>0.04892</b>			<b>0.12418</b>

**Abbreviations & Notes:**

TPPH = Total purgeable hydrocarbons as gasoline

MtBE = Methyl tert-butyl ether

ppb = Parts per billion

gal = Gallon

Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x (g/10<sup>6</sup>µg) x (pound/453.6g) x (3.785 L/gal)

Volume removal data based on the formula: density (in gms/cc) x 9.339 (ccxlbs/gmsxgals)

TPPH, benzene and MTBE analyzed by EPA Method 8260

If concentration is less than the laboratory detection limit, one half of the detection limit concentration is used in the mass removal calculation.

Groundwater extracted by vacuum trucks provided by ECI. Water disposed of at a Martinez Refinery.

**Table 2: Vapor Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California**

Date	Well ID	Interval Hours of Operation (hours)	System Flow Rate (CFM)	Hydrocarbon Concentrations			TPHg		Benzene		MTBE	
				TPHg	Benzene	MTBE	TPHg Removal Rate (#/hour)	Cumulative TPHg Removed (#)	Benzene Removal Rate (#/hour)	Cumulative Benzene Removed (#)	MTBE Removal Rate (#/hour)	Cumulative MTBE Removed (#)
11/28/00	MW-5	4.00	6.8	2,060	57.4	38.0	0.187	0.749	0.005	0.019	0.004	0.014
12/19/00	MW-5	2.00	3.8	<2.84	<0.0314	<0.111	0.000	0.749	0.000	0.019	0.000	0.014
01/23/01	MW-5	4.00	9.5	6,060	11.3	118	0.770	3.828	0.001	0.024	0.015	0.075
02/16/01	MW-5	4.00	5.0	141	5.0	3.8	0.009	3.865	0.000	0.025	0.000	0.077
03/22/01	MW-5	4.00	20.7	292	9.1	18.1	0.081	4.189	0.002	0.035	0.005	0.097
04/23/01	MW-5	4.00	4.1	330	4.4	28.0	0.018	4.261	0.000	0.035	0.002	0.103
07/16/01	MW-5	4.00	10.8	2,400	3.4	14	0.346	5.647	0.000	0.037	0.002	0.112
08/23/01	MW-5	4.00	6.9	4,100	8.3	19	0.378	7.160	0.001	0.040	0.002	0.119
09/10/01	MW-5	4.00	7.2	3,000	5.7	9.4	0.289	8.315	0.000	0.042	0.001	0.122
10/30/01	MW-5	4.00	10.8	4,300	7.5	13	0.621	10.798	0.001	0.046	0.002	0.130
11/26/01	MW-5	3.67	9.4	6,800	11	22	0.854	13.934	0.001	0.050	0.003	0.141
12/17/01	MW-5	4.00	7.6	8,300	15	45	0.843	17.307	0.001	0.056	0.005	0.159
01/29/02	MW-5	3.00	5.0	710	6.2	41	0.047	17.450	0.000	0.057	0.003	0.168
02/19/02	MW-5	3.00	6.8	450	2.9	17	0.041	17.572	0.000	0.058	0.002	0.172
07/24/02	MW-5	3.00	8.2	3,200	5.4	11	0.351	18.625	0.001	0.059	0.001	0.176
08/30/02	MW-5	3.00	5.0	17	0.14	1.0	0.001	18.628	0.000	0.059	0.000	0.176
09/26/02	MW-5	3.00	17.7	NA	NA	NA	0.000	18.628	0.000	0.059	0.000	0.176
10/24/02	MW-5	3.00	9.9	13,000	9.1	26	1.720	23.789	0.001	0.063	0.004	0.187
11/19/02	MW-5	3.00	9.3	17,000	21	280	2.113	30.130	0.002	0.070	0.036	0.294
12/26/02	MW-5	3.00	5.4	1,300	3.3	15	0.094	30.411	0.000	0.070	0.001	0.297
01/15/03	MW-5	3.00	9.2	760	5.8	27	0.093	30.692	0.001	0.072	0.003	0.307
02/24/03	MW-5	4.00	7.5	1,100	4.9	27	0.110	31.133	0.000	0.074	0.003	0.318
03/24/03	MW-5	3.00	2.6	586.05	2.92	18.27	0.020	31.194	0.000	0.074	0.001	0.320
04/21/03	MW-5	2.50	3.7	145.13	8.61	21.82	0.007	31.212	0.000	0.075	0.001	0.323
05/21/03*	MW-5	3.00	3.5	NA	NA	NA	0.007	31.232	0.000	0.077	0.001	0.326
06/26/03	MW-5	3.00	7.7	3,906.98	6.15	49.09	0.402	32.439	0.001	0.078	0.005	0.342
07/24/03**	MW-5	2.75	11.2	NA	NA	NA	0.585	34.047	0.001	0.081	0.008	0.362
08/22/03	MW-5	2.75	6.0	6,000	1.6	27	0.481	35.371	0.000	0.081	0.002	0.368
09/25/03	MW-5	3.00	12.8	9,300	6.2	33	1.591	40.145	0.001	0.084	0.006	0.386
10/28/03	MW-5	3.25	11.5	2,000	1.7	31	0.307	41.144	0.000	0.085	0.005	0.402

**Table 2: Vapor Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California**

Date	Well ID	Interval Hours of Operation (hours)	System Flow Rate (CFM)	Hydrocarbon Concentrations			TPHg		Benzene		MTBE	
				TPHg	Benzene	MTBE	TPHg Removal Rate	Cumulative TPHg Removed	Benzene Removal Rate	Cumulative Benzene Removed	MTBE Removal Rate	Cumulative MTBE Removed
				(Concentrations in ppmv)			(#/hour)	(#)	(#/hour)	(#)	(#/hour)	(#)
11/26/03	MW-5	2.00	14.6	75,000	<3.1	640	14.638	70.420	0.000	0.085	0.128	0.657
12/11/03	MW-5	3.00	4.8	8,400	<6.2	43	0.539	72.037	0.000	0.086	0.003	0.666
01/08/04	MW-5	3.25	7.8	210	0.63	4.0	0.022	72.108	0.000	0.086	0.000	0.667
02/20/04	MW-5	2.25	7.8	3,400	8.9	32	0.355	72.905	0.001	0.088	0.003	0.675
03/15/04	MW-5	3.00	5.1	240	0.77	3.5	0.016	72.955	0.000	0.088	0.000	0.676
04/12/04	MW-5	3.00	7.1	1,100	3.9	13	0.104	73.268	0.000	0.089	0.001	0.679
05/06/04	MW-5	3.00	2.8	2,200	7.6	34	0.082	73.515	0.000	0.090	0.001	0.683
06/25/04	MW-5	3.00	10.4	3,100	<1.6	28	0.431	74.808	0.000	0.090	0.004	0.695
07/23/04	MW-5	3.00	17.9	6,800	<6.2	37	1.627	79.689	0.001	0.092	0.009	0.722
08/26/04	MW-5	3.00	4.6	5,500	<1.6	18	0.338	80.704	0.000	0.092	0.001	0.726
09/24/04	MW-5	3.00	22.0	10,000	<3.1	13	2.941	89.527	0.000	0.093	0.004	0.738
10/14/04	MW-5	3.00	10.5	9,500	<3.1	12	1.333	93.527	0.000	0.094	0.002	0.743
11/22/04	MW-5	1.50	NA	NA	NA	NA	0.000	93.527	0.000	0.094	0.000	0.743
01/17/05	MW-5	4.00	7.8	2,000	2.2	25	0.209	94.361	0.000	0.095	0.003	0.753
11/28/00	MW-6	2.00	5.6	278	7.13	18.0	0.021	0.042	0.000	0.001	0.001	0.003
12/19/00	MW-6	4.00	5.1	2.84	0.0314	0.111	0.000	0.042	0.000	0.001	0.000	0.003
01/23/01	MW-6	4.00	7.1	581	13.1	19.0	0.055	0.263	0.001	0.005	0.002	0.010
02/16/01	MW-6	4.00	3.1	3.1	<0.031	<0.28	0.000	0.263	0.000	0.005	0.000	0.010
03/22/01	MW-6	4.00	13.8	647	47	17.8	0.120	0.742	0.008	0.037	0.003	0.024
04/23/01	MW-6	4.00	15.4	130	14	47	0.027	0.849	0.003	0.047	0.010	0.063
07/16/01	MW-6	4.00	12.3	310	8.1	16	0.051	1.053	0.001	0.052	0.003	0.074
08/23/01	MW-6	4.00	9.0	650	8.8	16	0.078	1.366	0.001	0.056	0.002	0.082
09/10/01	MW-6	4.00	8.3	320	3.8	9.8	0.036	1.508	0.000	0.058	0.001	0.086
10/30/01	MW-6	4.00	13.0	520	5.1	6.4	0.090	1.869	0.001	0.061	0.001	0.091
11/26/01	MW-6	4.00	4.1	690	4.8	5.5	0.038	2.020	0.000	0.062	0.000	0.092
12/17/01	MW-6	4.00	12.6	590	4.1	7.2	0.099	2.418	0.001	0.064	0.001	0.097
01/29/02	MW-6	3.00	5.4	51	0.082	0.88	0.004	2.429	0.000	0.064	0.000	0.097
02/19/02	MW-6	3.00	5.9	130	5.1	11	0.010	2.460	0.000	0.065	0.001	0.100
03/19/02	MW-6	6.00	6.3	5.6	<0.050	0.14	0.000	2.463	0.000	0.065	0.000	0.100

**Table 2: Vapor Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California**

Date	Well ID	Interval Hours of Operation (hours)	System Flow Rate (CFM)	Hydrocarbon Concentrations			TPHg		Benzene		MTBE	
				TPHg	Benzene	MTBE	TPHg Removal Rate (#/hour)	Cumulative TPHg Removed (#)	Benzene Removal Rate (#/hour)	Cumulative Benzene Removed (#)	MTBE Removal Rate (#/hour)	Cumulative MTBE Removed (#)
04/24/02	MW-6	6.00	7.3	76	3.9	9.3	0.007	2.507	0.000	0.068	0.001	0.106
05/29/02	MW-6	10.50	6.1	67	2.9	7.0	0.005	2.564	0.000	0.070	0.001	0.112
06/26/02	MW-6	7.00	9.8	190	4.4	10	0.025	2.739	0.001	0.073	0.001	0.121
07/24/02	MW-6	3.00	9.2	11	0.10	<0.10	0.001	2.743	0.000	0.073	0.000	0.121
08/30/02	MW-6	3.00	10.1	280	3.1	5.5	0.038	2.856	0.000	0.075	0.001	0.123
09/26/02	MW-6	3.00	17.7	NA	NA	NA	0.000	2.856	0.000	0.075	0.000	0.123
10/24/02	MW-6	5.00	12.9	1,000	3.3	4.7	0.172	3.718	0.001	0.077	0.001	0.128
11/19/02	MW-6	3.00	8.8	3,300	6.6	98	0.388	4.883	0.001	0.079	0.012	0.163
12/26/02	MW-6	3.00	6.8	160	5.0	10	0.015	4.927	0.000	0.081	0.001	0.166
01/15/03	MW-6	3.25	9.3	170	10	19	0.021	4.995	0.001	0.084	0.002	0.174
02/24/03	MW-6	3.50	15.8	210	8.1	20	0.044	5.151	0.002	0.090	0.004	0.189
03/24/03	MW-6	3.00	6.6	NA	NA	NA	0.000	5.151	0.000	0.090	0.000	0.189
04/21/03	MW-6	3.00	4.0	1,535	7	41	0.082	5.397	0.000	0.091	0.002	0.195
05/21/03*	MW-6	3.00	3.5	NA	NA	NA	0.072	5.612	0.000	0.092	0.002	0.201
06/26/03	MW-6	3.00	8.4	256.74	5.23	21.55	0.029	5.699	0.001	0.093	0.002	0.209
07/24/03**	MW-6	2.50	13.8	NA	NA	NA	0.047	5.817	0.001	0.095	0.004	0.219
08/22/03	MW-6	3.33	8.3	460	2.3	4.7	0.051	5.987	0.000	0.096	0.001	0.221
09/25/03	MW-6	3.00	12.7	480	1.8	3.0	0.081	6.232	0.000	0.097	0.001	0.222
10/28/03	MW-6	3.00	14.3	990	1.9	1.0	0.189	6.799	0.000	0.098	0.000	0.223
11/26/03	MW-6	2.00	14.3	8,800	41	66	14.337	35.473	0.001	0.099	0.125	0.473
12/11/03	MW-6	3.00	12.0	1,100	2.6	3.8	0.176	36.003	0.000	0.100	0.001	0.475
01/08/04	MW-6	3.25	6.0	240	2.7	5.6	0.019	36.065	0.000	0.101	0.000	0.477
02/20/04	MW-6	3.00	5.0	170	2.6	4.1	0.011	36.099	0.000	0.101	0.000	0.477
03/15/04	MW-6	3.00	5.0	86	4.2	6.8	0.006	36.117	0.000	0.102	0.000	0.479
04/12/04	MW-6	0.50	7.2	<9.8	0.58	2.1	0.000	36.117	0.000	0.102	0.000	0.479
05/06/04	MW-6	3.00	28.1	59	0.46	1.1	0.022	36.183	0.000	0.103	0.000	0.480
06/25/04	MW-6	3.00	12.6	110	1.7	3.5	0.019	36.239	0.000	0.103	0.001	0.482
07/23/04	MW-6	3.00	10.6	380	2.6	6.7	0.054	36.401	0.000	0.104	0.001	0.485
08/26/04	MW-6	3.00	8.5	520	2.2	4.1	0.059	36.578	0.000	0.105	0.000	0.486
09/24/04	MW-6	3.00	6.0	1,100	2.5	3.2	0.088	36.842	0.000	0.106	0.000	0.487

**Table 2: Vapor Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California**

Date	Well ID	Interval Hours of Operation (hours)	System Flow Rate (CFM)	Hydrocarbon Concentrations			TPHg		Benzene		MTBE	
				TPHg	Benzene	MTBE	TPHg Removal Rate (#/hour)	Cumulative TPHg Removed (#)	Benzene Removal Rate (#/hour)	Cumulative Benzene Removed (#)	MTBE Removal Rate (#/hour)	Cumulative MTBE Removed (#)
				(Concentrations in ppmv)								
10/14/04	MW-6	3.00	11.9	2,300	5.8	4.0	0.366	37.940	0.001	0.108	0.001	0.489
11/22/04	MW-6	0.00	NA	NA	NA	NA	0.000	37.940	0.000	0.108	0.000	0.489
01/17/05	MW-6	3.00	10.1	1,200	3.2	5.1	0.162	38.426	0.000	0.109	0.001	0.491
<b>Total Pounds Removed:</b>							<b>TPHg =</b>	<b>131.467</b>	<b>Benzene =</b>	<b>0.202</b>	<b>MTBE =</b>	<b>1.232</b>

**Abbreviations and Notes:**

CFM = Cubic feet per minute

TPHg = Total petroleum hydrocarbons as gasoline (C6-C12) by modified EPA Method 8015 in 1 liter tedlar bag samples

ppmv = Parts per million by volume

# = Pounds

TPHG, Benzene, and MTBE analyzed by EPA Method 8260 in 1 liter tedlar bag samples

TPHg / Benzene / MTBE removal rate = Rate based on Bay Area Air Quality Management District's Manual of Procedures for Soil Vapor Extraction dated July 17, 1991.

$$\text{Rate} = \text{Concentration (ppmv)} \times \text{system flow rate (cfm)} \times (11\text{b-mole}/386\text{ft}^3) \times \text{molecular weight (86 lb/lb-mole for TPHg, 78 lb/lb-mole for benzene, 88 lb/lb-mole for MTBE)} \times 60 \text{ min/hour} \times 1/1,000,000$$

Cumulative TPHg / Benzene / MTBE removal = Previous removal rate multiplied by the hour-interval of operation plus the previous total

If concentration is less than the laboratory detection limit, one half of the detection limit concentration is used in the mass removal calculation.

\* = Calculated mass removal is estimated from 04/21/03 lab data.

\*\* = Calculated mass removal is estimated from 06/26/03 lab data.

**ATTACHMENT A**  
**Blaine Groundwater Monitoring Report**  
**and Field Notes**



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# BLAINE

TECH SERVICES INC.

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GROUNDWATER SAMPLING SPECIALISTS  
SINCE 1985

November 8, 2005

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

Fourth Quarter 2005 Groundwater Monitoring at  
Shell-branded Service Station  
1285 Bancroft Avenue  
San Leandro, CA

Monitoring performed on October 21, 2005

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## Groundwater Monitoring Report **051021-MD-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**  
**1285 Bancroft Avenue**  
**San Leandro, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	03/13/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	42.65	23.64	NA
MW-1	06/12/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	43.14	23.15	NA
MW-1	09/13/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	44.71	21.58	NA
MW-1	12/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	45.23	21.06	NA
MW-1	03/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	43.32	22.97	NA
MW-1	06/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	42.18	24.11	NA
MW-1	09/17/1991	50 a	160 a	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	44.85	21.44	NA
MW-1	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	41.56	24.73	NA
MW-1	06/03/1992	<50	NA	0.8	<0.5	0.9	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	40.74	25.55	NA
MW-1	09/01/1992	<50	NA	<0.5	5.8	5.3	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	43.05	23.24	NA
MW-1	12/07/1992	68	NA	<0.5	0.8	<0.5	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	44.19	22.10	NA
MW-1	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	34.96	31.33	NA
MW-1 (D)	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	34.96	31.33	NA
MW-1	06/22/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	36.75	29.54	NA
MW-1	09/09/1993	200 a	NA	16	5.2	2	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	39.36	26.93	NA
MW-1	12/13/1993	89 a	NA	3.4	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	40.74	25.55	NA
MW-1	03/03/1994	65 a	NA	2.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	38.40	27.89	NA
MW-1	07/27/1994	180	NA	30	1.8	2.6	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	40.49	26.41	NA
MW-1 (D)	07/27/1994	240	NA	25	2.2	2.2	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	40.49	26.41	NA
MW-1	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	40.84	26.06	NA
MW-1	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	41.98	24.92	NA
MW-1	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	41.34	25.56	NA
MW-1	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	42.06	24.84	NA
MW-1	01/04/1995	<50	NA	2.4	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	39.90	27.00	NA
MW-1 (D)	01/04/1995	<50	NA	2.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	39.90	27.00	NA
MW-1	04/14/1995	<50	NA	<0.5	0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	31.02	35.88	NA
MW-1 (D)	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	31.02	35.88	NA
MW-1	07/12/1995	<50	NA	1.2	0.8	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	34.61	32.29	NA
MW-1	12/14/1995	380	NA	230	9	1.1	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	39.24	27.66	NA
MW-1	01/10/1996	60	NA	3.5	<0.5	<0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	38.34	28.56	NA
MW-1	04/25/1996	<50	NA	3.3	2.4	1.2	5.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	31.95	34.95	NA
MW-1	07/09/1996	810	NA	29	7.3	<5.0	11	1,800	NA	NA	NA	NA	NA	NA	NA	NA	66.90	34.45	32.45	NA
MW-1	10/02/1996	<125	NA	3.1	<1.2	<1.2	<1.2	960	NA	NA	NA	NA	NA	NA	NA	NA	66.90	37.72	29.18	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1285 Bancroft Avenue**  
**San Leandro, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	01/09/1997	<250	NA	<2.5	<2.5	<2.5	<2.5	510	NA	NA	NA	NA	NA	NA	NA	NA	66.90	32.25	34.65	NA
MW-1	04/09/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	130	NA	NA	NA	NA	NA	NA	NA	NA	66.90	32.90	34.00	NA
MW-1	07/02/1997	<250	NA	60	7.6	4.2	18	1,300	NA	NA	NA	NA	NA	NA	NA	NA	66.90	36.65	30.25	NA
MW-1	10/24/1997	<500	NA	140	<5.0	12	40	2,600	NA	NA	NA	NA	NA	NA	NA	NA	66.90	39.75	27.15	4.5
MW-1	01/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	170	NA	NA	NA	NA	NA	NA	NA	NA	66.90	36.31	30.59	4.0
MW-1	04/14/1998 b	72	NA	0.82	4.9	1.8	13	2.7	NA	NA	NA	NA	NA	NA	NA	NA	66.90	26.37	40.53	2.2
MW-1	07/15/1998	<50	NA	2.5	1.5	<0.50	<0.50	12	NA	NA	NA	NA	NA	NA	NA	NA	66.90	31.23	35.67	2.4
MW-1	07/28/1998	NA	NA	NA	NA	NA	NA	193	190	<2.0	<2.0	<2.0	<100	<2.50	<2.50	<500	66.90	31.23	35.67	2.4
MW-1	10/13/1998	<50	NA	3.2	0.69	<0.50	1.1	29	NA	NA	NA	NA	NA	NA	NA	NA	66.90	35.69	31.21	1.3
MW-1	01/22/1999	567	NA	79.7	120	21.4	99.9	193	190	NA	NA	NA	NA	NA	NA	NA	66.90	35.32	31.58	1.2
MW-1	04/16/1999	<50	NA	0.69	1.1	1.2	<0.50	8.2	NA	NA	NA	NA	NA	NA	NA	NA	66.90	31.76	35.14	1.0
MW-1	07/22/1999	<50	NA	<0.500	<0.500	<0.500	<0.500	<5.00	2.17	NA	NA	NA	NA	NA	NA	NA	66.90	23.21	43.69	2.1/2.0
MW-1	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	66.90	33.27	33.63	2.2/2.1
MW-1	01/07/2000	<50.0	NA	0.631	0.577	<0.500	1.25	14.1	NA	NA	NA	NA	NA	NA	NA	NA	66.90	38.17	28.73	d
MW-1	04/05/2000	153	NA	12.4	21.2	6.65	28.3	50.1	NA	NA	NA	NA	NA	NA	NA	NA	66.90	30.45	36.45	2.0/2.3
MW-1	07/12/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	66.90	34.29	32.61	4.4/3.8
MW-1	10/19/2000	129	NA	7.76	19.6	7.84	33.3	31.3	NA	NA	NA	NA	NA	NA	NA	NA	66.90	36.87	30.03	3.9/4.7
MW-1	01/15/2001	201	NA	7.58	29.9	9.64	42.9	24.9	NA	NA	NA	NA	NA	NA	NA	NA	66.90	36.99	29.91	2.7/3.0
MW-1	04/30/2001	<50	NA	<0.50	<0.50	<0.50	0.54	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.90	34.62	32.28	3.1/2.4
MW-1	07/20/2001	180	NA	8.0	16	9.5	39	NA	140	NA	NA	NA	NA	NA	NA	NA	66.90	37.25	29.65	3.9/3.8
MW-1	10/24/2001	94	NA	7.0	0.90	3.4	8.4	NA	34	NA	NA	NA	NA	NA	NA	NA	66.90	38.82	28.08	3.6/3.9
MW-1	01/03/2002	<50	NA	<0.50	0.78	<0.50	1.5	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.90	34.97	31.93	3.1/3.3
MW-1	04/05/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.90	34.04	32.86	1.6/1.8
MW-1	07/11/2002	61	NA	2.2	2.6	3.9	14	NA	28	NA	NA	NA	NA	NA	NA	NA	66.90	36.15	30.75	0.6/3.8
MW-1	10/28/2002	270	NA	7.9	3.6	17	51	NA	72	NA	NA	NA	NA	NA	NA	NA	66.33	38.35	27.98	1.0/1.2
MW-1	01/07/2003	<50	NA	<0.50	<0.50	<0.50	0.53	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.33	34.13	32.20	3.8/3.9
MW-1	04/14/2003	<50	NA	0.51	0.52	1.0	2.9	NA	21	NA	NA	NA	NA	NA	NA	NA	66.33	35.40	30.93	3.4/3.5
MW-1	07/01/2003	<50	NA	<0.50	<0.50	1.1	2.5	NA	4.1	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	66.33	35.19	31.14	0.4/0.7
MW-1	10/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	66.33	38.63	27.70	2.9/2.9
MW-1	01/15/2004	72	NA	<0.50	0.75	1.4	5.2	NA	10	NA	NA	NA	NA	NA	NA	NA	66.33	36.13	30.20	4.1/4.0
MW-1	04/09/2004	98	NA	<0.50	<0.50	0.57	1.7	NA	1.6	NA	NA	NA	NA	NA	NA	NA	66.33	34.95	31.38	4.7/3.9
MW-1	07/13/2004	75	NA	0.52	<0.50	2.0	2.8	NA	11	<2.0	<2.0	<2.0	5.0	NA	NA	<50	66.33	37.68	28.65	0.77/0.81
MW-1	11/05/2004	180	NA	4.4	0.72	4.1	9.5	NA	67	NA	NA	NA	NA	NA	NA	NA	66.33	38.86	27.47	4.1/4.8

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1285 Bancroft Avenue**  
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Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	01/10/2005	180	NA	0.50	<0.50	1.0	3.8	NA	15	NA	NA	NA	NA	NA	NA	NA	66.33	36.10	30.23	0.1/3.8
MW-1	04/11/2005	91 k	NA	<0.50	<0.50	<0.50	<1.0	NA	0.82	NA	NA	NA	NA	NA	NA	NA	66.33	31.71	34.62	3.85/2.37
MW-1	07/12/2005	56 k	NA	<0.50	<0.50	<0.50	<1.0	NA	0.52	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	66.33	34.12	32.21	4.3/3.9
MW-1	10/21/2005	85	NA	0.91	<0.50	6.7	8.7	NA	16	NA	NA	NA	NA	NA	NA	NA	66.33	37.21	29.12	4.3/4.0

MW-2	03/01/1992	910	<50	11	5.2	50	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.57	25.34	NA
MW-2	06/03/1992	1,400	NA	33	16	150	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.56	26.35	NA
MW-2	09/01/1992	230	NA	5.2	4.1	15	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	42.94	23.97	NA
MW-2 (D)	09/01/1992	320	NA	5.6	5	18	220	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	42.94	23.97	NA
MW-2	12/07/1992	240	NA	1.5	1.3	9.5	9.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	44.13	22.78	NA
MW-2 (D)	12/07/1992	<50	NA	1.7	1	13	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	44.13	22.78	NA
MW-2	03/01/1993	230	NA	260	310	27	66	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.82	32.09	NA
MW-2	06/22/1993	220	NA	18	3.4	3.6	5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.64	30.27	NA
MW-2 (D)	06/22/1993	320	NA	29	4.8	4.2	6.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.64	30.27	NA
MW-2	09/09/1993	260	NA	18	4.6	16	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.24	27.67	NA
MW-2 (D)	09/09/1993	210	NA	16	3.9	14	9.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.24	27.67	NA
MW-2	12/13/1993	1,300 a	NA	82	34	73	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.64	26.27	NA
MW-2 (D)	12/13/1993	1,400 a	NA	110	45	72	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.64	26.27	NA
MW-2	03/03/1994	9,600	NA	1,200	600	390	710	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.98	27.93	NA
MW-2 (D)	03/03/1994	10,000	NA	930	500	330	590	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.98	27.93	NA
MW-2	07/27/1994	190	NA	<0.5	1	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.40	26.51	NA
MW-2	08/09/1994	1,500	NA	53.5	12.4	46.2	44	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.71	26.20	NA
MW-2	10/05/1994	<485	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.89	25.02	NA
MW-2	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.22	25.69	NA
MW-2	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.99	24.92	NA
MW-2	01/04/1995	1,300	NA	150	35	23	51	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.81	27.10	NA
MW-2	04/14/1995	5,000	NA	1,000	340	400	810	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	30.83	36.08	NA
MW-2	07/12/1995	4,500	NA	440	170	170	290	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.50	32.41	NA
MW-2 (D)	07/12/1995	4,300	NA	430	160	160	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.50	32.41	NA
MW-2	12/14/1995	37,000	NA	1,800	7,600	1,000	6,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.22	27.69	NA
MW-2 (D)	12/14/1995	34,000	NA	1,800	6,600	1,000	6,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.22	27.69	NA
MW-2	01/10/1996	69,000	NA	1,000	3,200	510	3,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.22	28.69	NA
MW-2 (D)	01/10/1996	78,000	NA	1,100	3,500	560	3,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.22	28.69	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1285 Bancroft Avenue**  
**San Leandro, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2	04/25/1996	11,000	NA	820	880	210	1,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	31.78	35.13	NA
MW-2 (D)	04/25/1996	9,300	NA	690	710	160	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	31.78	35.13	NA
MW-2	07/09/1996	100,000	NA	15,000	24,000	1,700	9,900	70,000	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.35	32.56	NA
MW-2 (D)	07/09/1996	86,000	NA	12,000	19,000	1,400	7,500	32,000	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.35	32.56	NA
MW-2	10/02/1996	82,000	NA	20,000	32,000	1,800	9,100	40,000	NA	NA	NA	NA	NA	NA	NA	NA	66.91	37.56	29.35	NA
MW-2 (D)	10/02/1996	89,000	NA	19,000	31,000	1,700	8,900	42,000	NA	NA	NA	NA	NA	NA	NA	NA	66.91	37.56	29.35	NA
MW-2	01/09/1997	17,000	NA	710	2,300	350	2,200	4,000	NA	NA	NA	NA	NA	NA	NA	NA	66.91	32.07	34.84	NA
MW-2 (D)	01/09/1997	12,000	NA	490	1,300	260	1,800	2,800	NA	NA	NA	NA	NA	NA	NA	NA	66.91	32.07	34.84	NA
MW-2	04/09/1997	20,000	NA	970	3,500	330	2,000	3,200	NA	NA	NA	NA	NA	NA	NA	NA	66.91	32.78	34.13	NA
MW-2	07/02/1997	28,000	NA	1,700	8,700	550	3,000	5,500	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.56	30.35	NA
MW-2 (D)	07/02/1997	32,000	NA	2,000	11,000	680	3,800	6,400	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.56	30.35	NA
MW-2	10/24/1997	14,000	NA	460	1,000	300	2,000	3,000	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.74	27.17	3.2
MW-2 (D)	10/24/1997	14,000	NA	420	980	270	2,000	2,800	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.74	27.17	3.2
MW-2	01/08/1998	180	NA	2.8	1.6	<0.50	<0.50	7.6	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.13	30.78	3.6
MW-2	04/14/1998 b	12,000	NA	92	1,500	260	1,900	110	NA	NA	NA	NA	NA	NA	NA	NA	66.91	26.15	40.76	4.6
MW-2	07/15/1998	36,000	NA	250	5,600	830	6,000	6,800	NA	NA	NA	NA	NA	NA	NA	NA	66.91	31.14	35.77	4.8
MW-2 (D)	07/15/1998	35,000	NA	230	5,600	860	600	570	NA	NA	NA	NA	NA	NA	NA	NA	66.91	31.14	35.77	4.8
MW-2	10/13/1998	100	NA	7	12	3.7	10	5.8	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.14	30.77	0.8
MW-2	01/22/1999	21,000	NA	701	3,330	960	5,420	772	620	<2.0	<2.0	<2.0	<100	<100	<100	<500	66.91	35.97	30.94	1.0
MW-2	04/16/1999	14,000	NA	200	1,600	560	3,300	330	NA	NA	NA	NA	NA	NA	NA	NA	66.91	31.52	35.39	1.0
MW-2	07/22/1999	1,410	NA	28.3	91.2	50.4	256	35.3	15.2	NA	NA	NA	NA	NA	NA	NA	66.91	26.14	40.77	2.1/2.5
MW-2	12/08/1999	<50.0	NA	1.45	1.34	1.15	5.31	5.08	NA	NA	NA	NA	NA	NA	NA	NA	66.91	37.72	29.19	2.1/2.5
MW-2	01/07/2000	743	NA	18.6	47.0	3.06	166	30.3	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.14	28.77	1.4/1.8
MW-2	04/05/2000	2,320	NA	60.9	101	115	606	62.5	NA	NA	NA	NA	NA	NA	NA	NA	66.91	30.46	36.45	1.7/1.9
MW-2	07/12/2000	12,100	NA	325	555	793	3,610	260	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.13	32.78	4.1/4.6
MW-2	10/19/2000	4,840	NA	188	267	318	1,370	84.4	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.50	30.41	4.8/2.6
MW-2	01/15/2001	654	NA	52.3	9.10	37.8	93.6	10.9	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.73	30.18	4.2/3.5
MW-2	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.91	35.25	31.66	2.4/2.0
MW-2	07/20/2001	5,400	NA	320	110	340	1,100	NA	33	NA	NA	NA	NA	NA	NA	NA	66.91	37.00	29.91	3.4/2.4
MW-2	10/24/2001 g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.63	28.28	NA
MW-2	10/31/2001	1,400	NA	81	16	76	180	NA	29	NA	NA	NA	NA	NA	NA	NA	66.91	38.71	28.20	3.8/2.9
MW-2	01/03/2002	1,800	NA	88	62	130	520	NA	17	NA	NA	NA	NA	NA	NA	NA	66.91	34.71	32.20	3.0/2.1
MW-2	04/05/2002	9,400	NA	190	120	410	1,800	NA	<50	NA	NA	NA	NA	NA	NA	NA	66.91	33.86	33.05	1.3/1.8

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Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2	07/11/2002	6,700	NA	220	73	360	1,100	NA	<20	NA	NA	NA	NA	NA	NA	NA	66.91	35.99	30.92	3.4/2.1
MW-2	10/28/2002	4,600	NA	190	25	210	370	NA	21	NA	NA	NA	NA	NA	NA	NA	66.33	38.05	28.28	0.7/0.9
MW-2	01/07/2003	1,700	NA	9.3	14	83	380	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.33	34.22	32.11	3.9/3.6
MW-2	04/14/2003	5,900	NA	86	53	360	1,500	NA	<50	NA	NA	NA	NA	NA	NA	NA	66.33	35.28	31.05	3.0/2.9
MW-2	07/01/2003	2,200	NA	34	24	130	510	NA	3.3	<10	<10	<10	<25	<2.5	<2.5	<250	66.33	35.13	31.20	0.9/1.1
MW-2	10/08/2003	4,000	NA	160	28	220	530	NA	<10	NA	NA	NA	NA	NA	NA	NA	66.33	38.59	27.74	2.9/0.5
MW-2	01/15/2004	3,300	NA	63	29	300	1,000	NA	15	NA	NA	NA	NA	NA	NA	NA	66.33	36.38	29.95	5.0/2.6
MW-2	04/09/2004	3,000	NA	52	20	180	520	NA	3.5	NA	NA	NA	NA	NA	NA	NA	66.33	34.01	32.32	4.2/3.1
MW-2	07/13/2004	3,400	NA	68	18	250	540	NA	4.7	<10	<10	<10	<25	NA	NA	<250	66.33	38.10	28.23	1.20/0.99
MW-2	11/05/2004	2,500	NA	120	14	190	280	NA	17	NA	NA	NA	NA	NA	NA	NA	66.33	38.82	27.51	8.1/8.5
MW-2	01/10/2005	2,700	NA	54	14	220	590	NA	38	NA	NA	NA	NA	NA	NA	NA	66.33	35.97	30.36	3.21/3.06
MW-2	04/11/2005	3,200	NA	50	15	220	500	NA	11	NA	NA	NA	NA	NA	NA	NA	66.33	31.67	34.66	3.53/0.40
MW-2	07/12/2005	3,200	NA	41	13	280	290	NA	10	<10	<10	<10	<25	NA	NA	<250	66.33	33.93	32.40	1.0/1.0
<b>MW-2</b>	<b>10/21/2005</b>	<b>4,300</b>	<b>NA</b>	<b>96</b>	<b>16</b>	<b>420</b>	<b>350</b>	<b>NA</b>	<b>11</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>66.33</b>	<b>37.19</b>	<b>29.14</b>	<b>2.3/2.0</b>

MW-3	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	42.00	24.31	NA
MW-3	06/03/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	44.30	22.01	NA
MW-3	09/01/1992	<50	NA	<0.5	<0.5	1.1	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	43.62	22.69	NA
MW-3	12/07/1992	52	NA	<0.5	<0.5	<0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	44.77	21.54	NA
MW-3	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	35.50	30.81	NA
MW-3	06/22/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	37.30	29.01	NA
MW-3	09/09/1993	50 a	NA	5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	39.90	26.41	NA
MW-3	12/13/1993	120 a	NA	7.5	<0.5	1.6	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	41.30	25.01	NA
MW-3	03/03/1994	<50	NA	0.81	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	38.32	27.99	NA
MW-3	07/27/1994	<50	NA	3.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	41.07	26.45	NA
MW-3	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	41.37	26.15	NA
MW-3	10/05/1994	<57	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	42.55	24.97	NA
MW-3	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	41.86	25.66	NA
MW-3	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	42.59	24.93	NA
MW-3	01/04/1995	<50	NA	6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	40.54	26.98	NA
MW-3	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	31.50	36.02	NA
MW-3	07/12/1995	90	NA	16	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	35.14	32.38	NA
MW-3	12/14/1995	4,600	NA	460	390	34	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	39.86	27.66	NA

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MW-3	01/10/1996	11,000	NA	470	460	68	670	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	39.98	27.54	NA
MW-3	04/25/1996	5,500	NA	830	910	<50	460	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	32.38	35.14	NA
MW-3	07/09/1996	72,000	NA	7,600	14,000	970	5,900	59,000	NA	NA	NA	NA	NA	NA	NA	NA	67.52	34.93	32.59	NA
MW-3	10/02/1996	77,000	NA	15,000	24,000	2,000	9,600	94,000	71,000	NA	NA	NA	NA	NA	NA	NA	67.52	38.20	29.32	NA
MW-3	01/09/1997	130	NA	15	16	2	9.7	80	NA	NA	NA	NA	NA	NA	NA	NA	67.52	32.81	34.71	NA
MW-3	04/09/1997	24,000	NA	2,900	5,300	420	2,200	4,100	NA	NA	NA	NA	NA	NA	NA	NA	67.52	33.42	34.10	NA
MW-3 (D)	04/09/1997	24,000	NA	3,000	5,600	450	2,300	4,700	NA	NA	NA	NA	NA	NA	NA	NA	67.52	33.42	34.10	NA
MW-3	07/02/1997	68,000	NA	7,400	18,000	1,600	8,700	16,000	NA	NA	NA	NA	NA	NA	NA	NA	67.52	37.22	30.30	NA
MW-3	10/24/1997	93,000	NA	1,800	8,500	2,300	14,000	3,100	NA	NA	NA	NA	NA	NA	NA	NA	67.52	40.75	26.77	1.8
MW-3	01/08/1998	16,000	NA	140	870	22	5,000	120	NA	NA	NA	NA	NA	NA	NA	NA	67.52	36.90	30.62	2.1
MW-3 (D)	01/08/1998	24,000	NA	100	840	26	5,600	<100	NA	NA	NA	NA	NA	NA	NA	NA	67.52	36.90	30.62	2.1
MW-3	04/14/1998 b	100,000	NA	270	5,000	2,100	17,000	890	NA	NA	NA	NA	NA	NA	NA	NA	67.52	26.92	40.60	1.8
MW-3 (D)	04/14/1998 b	49,000	NA	230	3,200	1,200	8,900	790	NA	NA	NA	NA	NA	NA	NA	NA	67.52	26.92	40.60	1.8
MW-3	07/15/1998	31,000	NA	1,100	3,300	.300	2,800	3,700	NA	NA	NA	NA	NA	NA	NA	NA	67.52	31.74	35.78	2
MW-3	10/13/1998	51,000	NA	3,100	12,000	7,630	6,800	6,200	NA	NA	NA	NA	NA	NA	NA	NA	67.52	35.61	31.91	2.1
MW-3 (D)	10/13/1998	88,000	NA	5,800	21,000	1,400	12,000	9200	NA	NA	NA	NA	NA	NA	NA	NA	67.52	35.61	31.91	2.1
MW-3	01/22/1999	25,100	NA	855	4,400	786	5,260	1,850	1,500	<2.0	<2.0	<2.0	<100	<100	<100	<500	67.52	35.29	32.23	0.8
MW-3	04/16/1999	7,800	NA	150	550	160	1,100	370	NA	NA	NA	NA	NA	NA	NA	NA	67.52	32.29	35.23	1.0
MW-3	07/22/1999	1,970	NA	51.2	160	43.1	286	179	109	NA	NA	NA	NA	NA	NA	NA	67.52	26.67	40.85	3.1/3.0
MW-3	12/08/1999	12,500	NA	171	537	141	1,260	717	NA	NA	NA	NA	NA	NA	NA	NA	67.52	38.34	29.18	3.1/2.9
MW-3	01/07/2000	6,020	NA	<10.0	929	177	1,170	217	NA	NA	NA	NA	NA	NA	NA	NA	67.52	38.87	28.65	3.2/2.6
MW-3	04/05/2000	3,890	NA	120	351	67.8	576	231	NA	NA	NA	NA	NA	NA	NA	NA	67.52	31.08	36.44	3.4/3.8
MW-3	07/12/2000	23,300	NA	592	4,690	672	4,620	1,340	NA	NA	NA	NA	NA	NA	NA	NA	67.52	34.80	32.72	0.4/3.7
MW-3	10/19/2000	6,280	NA	124	1,280	229	1,510	311	NA	NA	NA	NA	NA	NA	NA	NA	67.52	37.34	30.18	2.1/2.9
MW-3	01/15/2001	4,800	NA	7.04	70.0	70.9	380	54.7	NA	NA	NA	NA	NA	NA	NA	NA	67.52	37.65	29.87	2.7/2.5
MW-3	04/30/2001	<50	NA	<0.50	<0.50	<0.50	1.8	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	67.52	35.25	32.27	1.8/1.6
MW-3	07/20/2001	2,900	NA	11	100	120	520	NA	48	NA	NA	NA	NA	NA	NA	NA	67.52	37.71	29.81	1.2/3.4
MW-3	10/24/2001 g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	39.35	28.17	0.5
MW-3	10/31/2001	1,700	NA	4.5	43	43	230	NA	17	NA	NA	NA	NA	NA	NA	NA	67.52	39.30	28.22	0.8/3.0
MW-3	01/03/2002	12,000	NA	26	410	490	2,800	NA	99	NA	NA	NA	NA	NA	NA	NA	67.52	35.51	32.01	1.4/1.2
MW-3	04/05/2002	22,000	NA	76	930	710	4,500	NA	390	NA	NA	NA	NA	NA	NA	NA	67.52	34.56	32.96	1.7/1.9
MW-3	07/11/2002	13,000	NA	23	340	320	1,800	NA	120	NA	NA	NA	NA	NA	NA	NA	67.52	36.65	30.87	1.0/2.2
MW-3	10/28/2002	1,500	NA	<0.50	2.6	13	83	NA	45	NA	NA	NA	NA	NA	NA	NA	66.93	38.85	28.08	1.2/1.1



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MW-3	01/07/2003	5,500	NA	8.3	150	130	1,000	NA	130	NA	NA	NA	NA	NA	NA	NA	66.93	34.64	32.29	3.2/3.1
MW-3	04/14/2003	14,000	NA	23	250	470	3,200	NA	330	NA	NA	NA	NA	NA	NA	NA	66.93	35.90	31.03	1.6/2.1
MW-3	07/01/2003	12,000	NA	19	100	440	2,700	NA	250	<10	<10	<10	<25	<2.5	<2.5	<250	66.93	35.70	31.23	0.9/1.0
MW-3	10/08/2003	300	NA	<0.50	0.84	3.0	16	NA	3.7	NA	NA	NA	NA	NA	NA	NA	66.93	39.25	27.68	0.4/2.6
MW-3	01/15/2004	3,500	NA	<5.0	9.4	59	340	NA	54	NA	NA	NA	NA	NA	NA	NA	66.93	36.74	30.19	2.8/3.1
MW-3	04/09/2004	8,500	NA	7.4	53	290	1,600	NA	140	NA	NA	NA	NA	NA	NA	NA	66.93	35.47	31.46	2.1/2.0
MW-3	07/13/2004	3,500	NA	<5.0	<5.0	18	64	NA	24	<20	<20	<20	<50	NA	NA	<500	66.93	38.10	28.83	1.33/1.05
MW-3	11/05/2004	3,000	NA	<5.0	9.3	35	160	NA	43	NA	NA	NA	NA	NA	NA	NA	66.93	39.44	27.49	6.1/6.7
MW-3	01/10/2005	6,000	NA	3.3	12	89	620	NA	140	NA	NA	NA	NA	NA	NA	NA	66.93	36.58	30.35	2.6/1.0
MW-3	04/11/2005	3,000	NA	2.1	8.0	87	420	NA	63	NA	NA	NA	NA	NA	NA	NA	66.93	32.34	34.59	0.19/0.17
MW-3	07/12/2005	5,000	NA	3.8	5.3	190	760	NA	120	<4.0	<4.0	<4.0	33	NA	NA	<100	66.93	34.62	32.31	2.4/2.9
MW-3	10/21/2005	180	NA	<0.50	0.59	3.7	8.4	NA	9.3	NA	NA	NA	NA	NA	NA	NA	66.93	37.80	29.13	0.4/2.2

MW-4	07/27/1994	120	NA	3.4	3.9	0.6	4.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	41.78	26.30	NA
MW-4	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	42.09	25.99	NA
MW-4	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	43.25	24.83	NA
MW-4 (D)	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	43.25	24.83	NA
MW-4	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	42.54	25.54	NA
MW-4	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	43.34	24.74	NA
MW-4	01/04/1995	<50	NA	1.4	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	41.57	26.51	NA
MW-4	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	32.24	35.84	NA
MW-4	07/12/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	35.88	32.20	NA
MW-4	12/14/1995	70	NA	0.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	40.54	27.54	NA
MW-4	01/10/1996	280	NA	3.7	1	<0.5	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	39.59	28.49	NA
MW-4	04/25/1996	<500	NA	63	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	33.22	34.86	NA
MW-4	07/09/1996	<2,000	NA	160	<20	<20	<20	5,300	NA	NA	NA	NA	NA	NA	NA	NA	68.08	35.70	32.38	NA
MW-4	10/02/1996	<5,000	NA	480	<50	<50	<50	19,000	NA	NA	NA	NA	NA	NA	NA	NA	68.08	38.95	29.13	NA
MW-4	01/09/1997	<2,000	NA	43	<20	<20	<20	7,000	NA	NA	NA	NA	NA	NA	NA	NA	68.08	33.04	35.04	NA
MW-4	04/09/1997	<2,500	NA	120	<25	<25	<25	8,100	NA	NA	NA	NA	NA	NA	NA	NA	68.08	34.15	33.93	NA
MW-4	07/02/1997	<2,000	NA	81	<20	<20	<20	6,600	NA	NA	NA	NA	NA	NA	NA	NA	68.08	37.92	30.16	NA
MW-4	10/24/1997	<500	NA	90	<5.0	11	6.3	3,200	NA	NA	NA	NA	NA	NA	NA	NA	68.08	41.00	27.08	2.1
MW-4	01/08/1998	<50	NA	3.9	<0.50	<0.50	<0.50	1,800	NA	NA	NA	NA	NA	NA	NA	NA	68.08	37.54	30.54	2.2
MW-4	04/14/1998 b	920	NA	<0.50	<0.50	<0.50	<0.50	27	NA	NA	NA	NA	NA	NA	NA	NA	68.08	27.75	40.33	1.2

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1285 Bancroft Avenue**  
**San Leandro, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-4	07/15/1998	2,100	NA	160	76	120	190	2,600	NA	NA	NA	NA	NA	NA	NA	NA	68.08	32.47	35.61	1.8
MW-4	10/13/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	17	NA	NA	NA	NA	NA	NA	NA	NA	68.08	36.75	31.33	1.1
MW-4	01/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.1	13	<2.0	<2.0	<2.0	<100	<0.500	<0.500	<500	68.08	36.41	31.67	1.6
MW-4	04/16/1999	1,800	NA	92	35	110	200	1,800	2,750	NA	NA	NA	NA	NA	NA	NA	68.08	33.00	35.08	1.2
MW-4	07/22/1999	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	27.59	40.49	NA
MW-4	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	22.6	NA	NA	NA	NA	NA	NA	NA	NA	68.08	39.04	29.04	2.5/2.6
MW-4	01/07/2000	871	NA	39.4	69.0	71.6	99.6	1,030	NA	NA	NA	NA	NA	NA	NA	NA	68.08	39.35	28.73	1.2/1.2
MW-4	04/05/2000	475	NA	26.9	5.24	19.8	41.5	681	NA	NA	NA	NA	NA	NA	NA	NA	68.08	31.28	36.80	1.6/1.8
MW-4	07/12/2000	1,040	NA	35.7	6.95	125	104	1,040	NA	NA	NA	NA	NA	NA	NA	NA	68.08	35.52	32.56	0.5/4.9
MW-4	10/19/2000	944	NA	23.9	6.57	122	109	372	NA	NA	NA	NA	NA	NA	NA	NA	68.08	38.08	30.00	2.3/1.4
MW-4	01/15/2001	1,170	NA	21.6	1.51	123	52.8	592	NA	NA	NA	NA	NA	NA	NA	NA	68.08	38.31	29.77	1.7/1.9
MW-4	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	26	NA	NA	NA	NA	NA	NA	NA	68.08	35.80	32.28	1.3/1.0
MW-4	07/20/2001	2,000	NA	16	5.8	230	270	NA	520	NA	NA	NA	NA	NA	NA	NA	68.08	38.46	29.62	1.6/1.8
MW-4	10/24/2001	1,000	NA	6.9	<1.0	96	44	NA	270	NA	NA	NA	NA	NA	NA	NA	68.08	40.02	28.06	0.7/0.9
MW-4	01/03/2002	390	NA	3.0	<0.50	19	5.9	NA	230	NA	NA	NA	NA	NA	NA	NA	68.08	35.71	32.37	1.2/1.9
MW-4	04/05/2002	150	NA	0.57	<0.50	3.8	<0.50	NA	250	NA	NA	NA	NA	NA	NA	NA	68.08	35.25	32.83	1.6/1.6
MW-4	07/11/2002	530	NA	2.6	<0.50	46	4.6	NA	280	NA	NA	NA	NA	NA	NA	NA	68.08	37.39	30.69	0.8/1.9
MW-4	10/28/2002	110	NA	<0.50	<0.50	1.8	<0.50	NA	180	NA	NA	NA	NA	NA	NA	NA	67.52	39.55	27.97	1.1/0.9
MW-4	01/07/2003	210	NA	0.72	<0.50	12	1.5	NA	140	NA	NA	NA	NA	NA	NA	NA	67.52	35.24	32.28	2.1/2.2
MW-4	04/14/2003	220	NA	0.77	<0.50	9.8	1.2	NA	160	NA	NA	NA	NA	NA	NA	NA	67.52	36.62	30.90	1.9/1.5
MW-4	07/01/2003	61	NA	<0.50	<0.50	<0.50	<1.0	NA	84	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50 c	67.52	36.49	31.03	0.6/0.7
MW-4	10/08/2003	120	NA	<0.50	<0.50	4.4	<1.0	NA	87	NA	NA	NA	NA	NA	NA	NA	67.52	39.96	27.56	2.6/1.5
MW-4	01/15/2004	120	NA	<0.50	<0.50	1.3	<1.0	NA	71	NA	NA	NA	NA	NA	NA	NA	67.52	37.28	30.24	3.5/3.4
MW-4	04/09/2004	390	NA	<0.50	1.1	3.5	19	NA	79	NA	NA	NA	NA	NA	NA	NA	67.52	36.15	31.37	4.3/1.6
MW-4	07/13/2004	89	NA	<0.50	<0.50	<0.50	<1.0	NA	63	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	67.52	39.00	28.52	0.82/0.75
MW-4	11/05/2004	120 k	NA	<0.50	<0.50	<0.50	<1.0	NA	39	NA	NA	NA	NA	NA	NA	NA	67.52	40.13	27.39	5.2/6.0
MW-4	01/10/2005	140	NA	<0.50	<0.50	<0.50	<1.0	NA	44	NA	NA	NA	NA	NA	NA	NA	67.52	37.27	30.25	0.1/0.5
MW-4	04/11/2005	75 k	NA	<0.50	<0.50	<0.50	<1.0	NA	17	NA	NA	NA	NA	NA	NA	NA	67.52	32.92	34.60	0.29/0.18
MW-4	07/12/2005	78	NA	<0.50	<0.50	<0.50	<1.0	NA	21	<2.0	<2.0	<2.0	6.0	NA	NA	<50	67.52	35.35	32.17	1.7/1.5
MW-4	10/21/2005	76	NA	<0.50	<0.50	<0.50	<1.0	NA	27	NA	NA	NA	NA	NA	NA	NA	67.52	38.57	28.95	2.2/1.8
MW-5*	06/04/1999	159,000	NA	7,190	39,300	2,450	16,700	<5,000	NA	NA	NA	NA	NA	NA	NA	NA	66.50	33.48	33.02	1.7
MW-5	06/04/1999	80,400	NA	4,400	26,000	1,480	11,000	3,660	NA	NA	NA	NA	NA	NA	NA	NA	66.50	33.48	33.02	1.9

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MW-5	07/22/1999	97,200	NA	4,580	25,600	1,580	10,100	<5,000	4,330	NA	NA	NA	NA	NA	NA	NA	66.50	33.29	33.21	1.7/1.8
MW-5	12/08/1999	72,000	NA	3,360	16,600	1,560	8,320	3,460	NA	NA	NA	NA	NA	NA	NA	NA	66.50	37.80	28.70	1.7/1.9
MW-5	01/07/2000	104,000	NA	5,370	30,400	2,500	13,900	3,330	NA	NA	NA	NA	NA	NA	NA	NA	66.50	38.40	28.10	1.6/1.2
MW-5	04/05/2000	99,700	NA	5,710	37,000	2,410	14,200	10,800	NA	NA	NA	NA	NA	NA	NA	NA	66.50	30.72	35.78	1.7/1.5
MW-5	07/12/2000	106,000	NA	3,840	38,200	2,980	18,100	3,280	NA	NA	NA	NA	NA	NA	NA	NA	66.50	34.42	32.08	0.2/1.8
MW-5	10/19/2000	72,400	NA	3,010	32,200	2,440	15,400	2,840	NA	NA	NA	NA	NA	NA	NA	NA	66.50	36.89	29.61	1.0/2.7
MW-5	01/15/2001	78,300	NA	2,220	21,400	1,960	12,200	3,420	1,370	NA	NA	NA	NA	NA	NA	NA	66.50	37.10	29.40	1.2/1.0
MW-5	04/30/2001	83,000	NA	1,400	23,000	2,300	14,000	NA	3,400	NA	NA	NA	NA	NA	NA	NA	66.50	34.75	31.75	0.6/0.8
MW-5	07/20/2001 f	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.50	37.40	29.10	0.5
MW-5	07/24/2001	160,000	NA	2,400	37,000	3,800	24,000	NA	1,400	NA	NA	NA	NA	NA	NA	NA	66.50	37.30	29.20	0.7/0.8
MW-5	10/24/2001 g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.50	39.00	27.50	NA
MW-5	10/31/2001	14,000	NA	150	2,700	450	2,300	NA	110	<2.0	<2.0	<2.0	<50	NA	NA	<500	66.50	39.05	27.45	0.4/0.8
MW-5	01/03/2002	62,000	NA	660	12,000	1,700	11,000	NA	860	NA	NA	NA	NA	NA	NA	NA	66.50	35.15	31.35	0.4/0.3
MW-5	04/05/2002	81,000	NA	1,500	19,000	2,400	13,000	NA	2,400	NA	NA	NA	NA	NA	NA	NA	66.50	34.18	32.32	1.7/1.4
MW-5	07/11/2002	140,000	NA	1,900	26,000	3,400	20,000	NA	1,700	NA	NA	NA	NA	NA	NA	NA	66.50	36.28	30.22	0.5/0.6
MW-5	10/28/2002	30,000	NA	340	4,900	830	5,200	NA	<200	NA	NA	NA	NA	NA	NA	NA	66.50	38.44	28.06	0.6/0.9
MW-5	01/07/2003	72,000	NA	720	13,000	1,900	10,000	NA	1,100	NA	NA	NA	NA	NA	NA	NA	66.50	34.17	32.33	1.4/1.1
MW-5	04/14/2003	110,000	NA	900	19,000	3,000	20,000	NA	1,400	NA	NA	NA	NA	NA	NA	NA	66.50	35.52	30.98	0.8/0.6
MW-5	07/01/2003	94,000	NA	970	22,000	3,300	20,000	NA	2,900	<500	<500	<500	<1,300	<130	<130	<13,000 c	66.50	35.37	31.13	1.1/1.0
MW-5	10/08/2003	26,000	NA	290	3,000	960	5,000	NA	300	NA	NA	NA	NA	NA	NA	NA	66.50	38.87	27.63	0.4/0.4
MW-5	01/15/2004	88,000	NA	880	18,000	3,400	19,000	NA	1,500	NA	NA	NA	NA	NA	NA	NA	66.50	36.15	30.35	3.5/2.0
MW-5	04/09/2004	1,100,000	NA	990	26,000	4,400	23,000	NA	3,500	NA	NA	NA	NA	NA	NA	NA	66.50	35.07	31.43	1.1/0.9
MW-5	06/21/2004	76,000	NA	830	18,000	3,400	21,000	NA	1,400	NA	NA	NA	NA	NA	NA	NA	66.50	37.20	29.30	1.5/1.1
MW-5	07/13/2004	91,000	NA	650	14,000	3,500	20,000	NA	1,200	<200	<200	<200	<500	NA	NA	<5,000	66.50	37.80	28.70	1.00/0.96
MW-5	11/05/2004	5,700	NA	<20	400	190	1,100	NA	<20	NA	NA	NA	NA	NA	NA	NA	66.50	39.09	27.41	4.0/5.1
MW-5	01/10/2005	130,000	NA	360	14,000	5,100	35,000	NA	900	NA	NA	NA	NA	NA	NA	NA	66.50	36.22	30.28	0.2/0.1
MW-5	04/11/2005	100,000	NA	220	9,300	3,800	25,000	NA	12,000	NA	NA	NA	NA	NA	NA	NA	66.50	31.85	34.65	0.08/0.21
MW-5	07/12/2005	130,000	NA	530	19,000	6,300	42,000	NA	1,900	<200	<200	<200	730	NA	NA	<5,000	66.50	34.23	32.27	0.9/0.9
<b>MW-5</b>	<b>10/21/2005</b>	<b>190,000</b>	<b>NA</b>	<b>550</b>	<b>18,000</b>	<b>6,700</b>	<b>35,000</b>	<b>NA</b>	<b>920</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>66.50</b>	<b>37.51</b>	<b>28.99</b>	<b>0.2/0.3</b>
MW-6*	06/04/1999	36,000	NA	4,240	1,680	1,100	4,160	11,300	17,500	NA	NA	NA	NA	NA	NA	NA	64.98	32.13	32.85	1.3
MW-6	06/04/1999	56,900	NA	6,830	6,050	1,970	9,060	17,000	24,300	NA	NA	NA	NA	NA	NA	NA	64.98	32.13	32.85	1.3
MW-6	07/22/1999	42,800	NA	4,660	740	1,210	4,980	15,600	20,100	NA	NA	NA	NA	NA	NA	NA	64.98	32.09	32.89	2.9/2.1

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**Shell-branded Service Station**  
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Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-6	12/08/1999	9,520	NA	1,760	58.0	142	384	9,320	7,310 c	NA	NA	NA	NA	NA	NA	NA	64.98	36.62	28.36	2.9/2.2
MW-6	01/07/2000	20,000	NA	3,650	367	949	1,700	13,600	13,100	NA	NA	NA	NA	NA	NA	NA	64.98	37.03	27.95	1.2/1.4
MW-6	04/05/2000	20,500 e	NA	4,190 e	1,250 e	1,200 e	2,750 e	18,600 e	12,700 c	NA	NA	NA	NA	NA	NA	NA	64.98	29.37	35.61	1.2/1.2
MW-6	07/12/2000	27,300	NA	4,000	3,170	1,470	4,570	12,900	10,800 c	NA	NA	NA	NA	NA	NA	NA	64.98	33.04	31.94	0.8/0.4
MW-6	10/19/2000	39,600	NA	4,050	6,250	1,920	7,800	14,200	14,600 c	NA	NA	NA	NA	NA	NA	NA	64.98	35.62	29.36	1.4/1.7
MW-6	01/15/2001	64,800	NA	2,090	20,400	1,860	11,100	<1,250	NA	NA	NA	NA	NA	NA	NA	NA	64.98	35.91	29.07	1.2/1.5
MW-6	04/30/2001	27,000	NA	2,300	3,200	1,100	4,600	NA	6,800	NA	NA	NA	NA	NA	NA	NA	64.98	33.70	31.28	1.6/1.2
MW-6	07/20/2001	29,000	NA	2,100	1,900	1,100	5,600	NA	7,100	NA	NA	NA	NA	NA	NA	NA	64.98	35.98	29.00	1.0/0.7
MW-6	10/24/2001	38,000	NA	1,400	690	1,400	5,700	NA	4,800	<10	<10	<10	1,100	NA	NA	<500	64.98	37.55	27.43	1.0/0.6
MW-6	01/03/2002	10,000	NA	810	120	260	1,100	NA	4,100	NA	NA	NA	NA	NA	NA	NA	64.98	33.34	31.64	0.8/0.6
MW-6	04/05/2002	19,000	NA	1,100	1,100	510	3,000	NA	4,300	NA	NA	NA	NA	NA	NA	NA	64.98	34.60	30.38	1.1/1.5
MW-6	07/11/2002	26,000	NA	1,100	550	1,200	4,400	NA	5,400	NA	NA	NA	NA	NA	NA	NA	64.98	35.02	29.96	0.1/0.7
MW-6	10/28/2002	11,000	NA	230	56	140	540	NA	2,500	NA	NA	NA	NA	NA	NA	NA	65.10	37.78	27.32	0.7/1.1
MW-6	01/07/2003	Unable to sample	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.10	32.95	32.15	NA
MW-6	01/10/2003	17,000	NA	840	1,200	1,100	2,700	NA	3,400	NA	NA	NA	NA	NA	NA	NA	65.10	32.75	32.35	0.4/0.3
MW-6	04/14/2003	31,000	NA	810	420	1,300	4,000	NA	3,800	NA	NA	NA	NA	NA	NA	NA	65.10	34.95	30.15	3.6/1.0
MW-6	07/01/2003	1,400	NA	88	44	<10	160	NA	1,900	<40	<40	<40	340	<10	<10	<1,000 c	65.10	34.77	30.33	1.2/1.5
MW-6	10/08/2003	26,000	NA	720	92	1,100	1,800	NA	3,500	NA	NA	NA	NA	NA	NA	NA	65.10	37.57	27.53	0.5/0.6
MW-6	01/15/2004	7,300	NA	250	110	340	750	NA	1,100	NA	NA	NA	NA	NA	NA	NA	65.10	35.40	29.70	1.0/3.2
MW-6	04/09/2004	20,000	NA	590	1,700	1,200	3,300	NA	2,400	NA	NA	NA	NA	NA	NA	NA	65.10	33.70	31.40	2.1/3.3
MW-6	07/13/2004	1,700	NA	24	<10	58	84	NA	1,600	<40	<40	<40	320	NA	NA	<1,000	65.10	36.42	28.68	1.1/0.93
MW-6	11/05/2004	24,000	NA	310	33	650	1,900	NA	2,000	NA	NA	NA	NA	NA	NA	NA	65.10	37.64	27.46	3.0/1.2
MW-6	01/10/2005	17,000	NA	120	6.4	270	590	NA	520	NA	NA	NA	NA	NA	NA	NA	65.10	34.77	30.33	0.2/0.1
MW-6	04/11/2005	12,000	NA	290	300	650	1,100	NA	1,400	NA	NA	NA	NA	NA	NA	NA	65.10	31.19	33.91	0.10/0.14
MW-6	07/12/2005	21,000	NA	440	660	1,400	2,600	NA	2,700	<50	<50	<50	1,500	NA	NA	<1,300	65.10	32.85	32.25	1.6/1.7
MW-6	10/21/2005	9,000	NA	260	28	500	420	NA	1,500	NA	NA	NA	NA	NA	NA	NA	65.10	35.85	29.25	0.2/0.3
MW-7*	06/04/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	65.83	33.03	32.80	1.4
MW-7	06/04/1999	<50.0	NA	0.663	<0.500	0.677	<0.500	11.7	NA	NA	NA	NA	NA	NA	NA	NA	65.83	33.03	32.80	1.4
MW-7	07/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	NA	NA	NA	NA	NA	NA	NA	65.83	33.09	32.74	2.7/2.4
MW-7	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	65.83	37.68	28.15	2.7/2.4
MW-7	01/07/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	65.83	37.87	27.96	2.8/2.6
MW-7	04/05/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	65.83	30.30	35.53	2.8/3.1

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
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Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-7	07/12/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	65.83	33.92	31.91	0.9/0.7
MW-7	10/19/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	65.83	36.51	29.32	1.5/1.8
MW-7	01/15/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	65.83	36.73	29.10	4.7/4.3
MW-7	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	34.25	31.58	4.2/2.2
MW-7	07/20/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	36.88	28.95	1.8/1.7
MW-7	10/24/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	38.45	27.38	1.4/1.5
MW-7	01/03/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	34.52	31.31	1.2/1.8
MW-7	04/05/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	34.51	31.32	1.7/1.4
MW-7	07/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	35.77	30.06	4.5/2.5
MW-7	10/28/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.84	37.70	28.14	0.4/0.8
MW-7	01/07/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.84	33.76	32.08	2.24/1.9
MW-7	04/14/2003	80	NA	2.2	1.1	3.0	9.0	NA	21	NA	NA	NA	NA	NA	NA	NA	65.84	34.99	30.85	2.7/1.9
MW-7	07/01/2003	<50	NA	<0.50	0.75	<0.50	1.1	NA	0.77	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	65.84	34.79	31.05	0.7/0.9
MW-7	10/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	38.37	27.47	1.7/1.8
MW-7	01/15/2004	<50	NA	3.3	1.2	2.7	4.2	NA	18	NA	NA	NA	NA	NA	NA	NA	65.84	35.64	30.20	2.5/3.6
MW-7	04/09/2004	<50	NA	<0.50	<0.50	0.56	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	34.56	31.28	2.0/1.6
MW-7	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	37.30	28.54	0.7/1.10
MW-7	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	38.50	27.34	3.2/3.4
MW-7	01/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	35.64	30.20	0.8/0.3
MW-7	04/11/2005	<50 l	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	31.41	34.43	2.00/1.38
MW-7	07/12/2005	51 k	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	33.78	32.06	2.7/3.2
MW-7	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	36.92	28.92	2.3/2.3
MW-8*	06/04/1999	<50	NA	<0.500	<0.500	<0.500	<0.500	452	NA	NA	NA	NA	NA	NA	NA	NA	65.07	32.19	32.88	2.1
MW-8	06/04/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	186	NA	NA	NA	NA	NA	NA	NA	NA	65.07	32.19	32.88	1.8
MW-8	07/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	286	443	NA	NA	NA	NA	NA	NA	NA	65.07	32.14	32.93	2.9/2.7
MW-8	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	65.07	36.75	28.32	2.9/2.7
MW-8	01/07/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	255	NA	NA	NA	NA	NA	NA	NA	NA	65.07	37.15	27.92	1.8/2.0
MW-8	04/05/2000	<50.0 e	NA	<0.500 e	<0.500 e	<0.500 e	<0.500 e	247 e	NA	NA	NA	NA	NA	NA	NA	NA	65.07	29.45	35.62	2.1/2.5
MW-8	07/12/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	123	NA	NA	NA	NA	NA	NA	NA	NA	65.07	33.13	31.94	0.5/0.5
MW-8	10/19/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	123	NA	NA	NA	NA	NA	NA	NA	NA	65.07	35.72	29.35	1.2/1.8
MW-8	01/15/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	173	NA	NA	NA	NA	NA	NA	NA	NA	65.07	36.00	29.07	0.5/1.0
MW-8	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	120	NA	NA	NA	NA	NA	NA	NA	65.07	33.48	31.59	1.4/1.0

**WELL CONCENTRATIONS**  
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Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-8	07/20/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	210	NA	NA	NA	NA	NA	NA	NA	65.07	36.12	28.95	1.0/1.2
MW-8	10/24/2001	<100	NA	<1.0	<1.0	<1.0	<1.0	NA	360	NA	NA	NA	NA	NA	NA	NA	65.07	37.73	27.34	1.4/0.5
MW-8	01/03/2002	290	NA	<0.50	<0.50	<0.50	<0.50	NA	18	NA	NA	NA	NA	NA	NA	NA	65.07	35.37	29.70	1.2/1.1
MW-8	04/05/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	100	NA	NA	NA	NA	NA	NA	NA	65.07	35.40	29.67	1.2/1.3
MW-8	07/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	230	NA	NA	NA	NA	NA	NA	NA	65.07	35.05	30.02	0.3/0.4
MW-8	10/28/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	210	NA	NA	NA	NA	NA	NA	NA	65.08	37.25	27.83	1.1/1.2
MW-8	01/07/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	97	NA	NA	NA	NA	NA	NA	NA	65.08	33.01	32.07	1.4/1.7
MW-8	04/14/2003	<50	NA	<0.50	<0.50	<0.50	1.1	NA	130	NA	NA	NA	NA	NA	NA	NA	65.08	34.29	30.79	2.5/0.9
MW-8	07/01/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	430	<10	<10	<10	<25	<2.5	<2.5	<250	65.08	34.04	31.04	0.6/0.8
MW-8	10/08/2003	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	240	NA	NA	NA	NA	NA	NA	NA	65.08	37.58	27.50	0.6/0.7
MW-8	01/15/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	78	NA	NA	NA	NA	NA	NA	NA	65.08	35.00	30.08	1.3/2.0
MW-8	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	82	NA	NA	NA	NA	NA	NA	NA	65.08	33.68	31.40	1.7/2.4
MW-8	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	120	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	65.08	36.75	28.33	2.18/1.74
MW-8	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	91	NA	NA	NA	NA	NA	NA	NA	65.08	37.78	27.30	1.8/2.5
MW-8	01/10/2005	54 k	NA	<0.50	<0.50	<0.50	<1.0	NA	76	NA	NA	NA	NA	NA	NA	NA	65.08	35.15	29.93	0.1/0.2
MW-8	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	28	NA	NA	NA	NA	NA	NA	NA	65.08	30.57	34.51	0.4/1/0.18
MW-8	07/12/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	36	<2.0	<2.0	<2.0	6.6	NA	NA	<50	65.08	32.94	32.14	1.4/2.2
MW-8	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	31	NA	NA	NA	NA	NA	NA	NA	65.08	36.16	28.92	0.4/0.5
MW-9	03/15/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.55	34.05	31.50	NA
MW-9	04/09/2004	16,000	NA	460	330	980	3,000	NA	900	NA	NA	NA	NA	NA	NA	NA	65.55	34.02	31.53	1.6/1.4
MW-9	07/13/2004	9,600	NA	190	91	640	1,500	NA	810	<40	<40	<40	340	NA	NA	<1,000	65.55	36.90	28.65	0.77/0.80
MW-9	11/05/2004	6,300	NA	130	24	470	840	NA	450	NA	NA	NA	NA	NA	NA	NA	65.55	38.05	27.50	9.1/8.2
MW-9	01/10/2005	6,100	NA	130	80	450	1,000	NA	280	NA	NA	NA	NA	NA	NA	NA	65.55	35.42	30.13	1.67/0.29
MW-9	04/11/2005	1,100	NA	40	21	99	220	NA	120	NA	NA	NA	NA	NA	NA	NA	65.55	31.71	33.84	0.90/0.33
MW-9	07/12/2005	2,200	NA	56	19	180	350	NA	290	<4.0	<4.0	<4.0	210	NA	NA	<100	65.55	33.32	32.23	1.0/2.7
MW-9	10/21/2005	8,300	NA	190	59	610	1,100	NA	930	NA	NA	NA	NA	NA	NA	NA	65.55	36.50	29.05	0.4/0.3
MW-10	03/15/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	64.36	32.74	31.62	NA
MW-10	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	17	NA	NA	NA	NA	NA	NA	NA	64.36	33.20	31.16	1.6/1.0
MW-10	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	130	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	64.36	36.05	28.31	1.95/2.04
MW-10	11/05/2004	140 k	NA	<0.50	<0.50	<0.50	<1.0	NA	55	NA	NA	NA	NA	NA	NA	NA	64.36	37.16	27.20	2.8/3.4
MW-10	01/10/2005	60 k	NA	<0.50	<0.50	<0.50	<1.0	NA	22	NA	NA	NA	NA	NA	NA	NA	64.36	34.48	29.88	0.3/0.2

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Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-10	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	40	NA	NA	NA	NA	NA	NA	NA	64.36	30.01	34.35	0.06/0.04
MW-10	07/12/2005	51 k	NA	<0.50	<0.50	<0.50	<1.0	NA	31	<2.0	<2.0	<2.0	290	NA	NA	<50	64.36	32.40	31.96	1.9/1.9
MW-10	10/21/2005	63 k	NA	<0.50	<0.50	<0.50	<1.0	NA	7.2	NA	NA	NA	NA	NA	NA	NA	64.36	35.54	28.82	0.3/0.5

MW-11	03/15/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	63.54	32.05	31.49	NA
MW-11	04/09/2004	<50	NA	<0.50	0.64	1.6	3.8	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.54	32.51	31.03	2.3/4.3
MW-11	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	63.54	32.79	30.75	1.73/2.10
MW-11	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.54	36.44	27.10	4.8/6.2
MW-11	01/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.54	33.70	29.84	3.2/3.4
MW-11	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.54	29.48	34.06	0.24/0.19
MW-11	07/12/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	63.54	31.72	31.82	3.9/5.2
MW-11	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.54	35.00	28.54	1.1/3.8

MW-12	03/15/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.58	33.97	31.61	NA
MW-12	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.58	34.60	30.98	3.4/5.7
MW-12	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	65.58	37.15	28.43	2.13/2.57
MW-12	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.58	38.39	27.19	5.4/6.3
MW-12	01/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.58	35.54	30.04	5.6/4.5
MW-12	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.58	31.36	34.22	0.26/0.31
MW-12	07/12/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	65.58	33.68	31.90	4.8/5.3
MW-12	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.58	36.81	28.77	3.5/4.5

Irrigation Well	06/04/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Irrigation Well	07/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Irrigation Well	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Irrigation Well	01/07/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Irrigation Well	04/05/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.85	NA	NA
Irrigation Well	07/12/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Irrigation Well	10/19/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7/1.8
Irrigation Well	01/15/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.35	NA
Irrigation Well	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	31.74	NA	1.4/3.8
Irrigation Well	07/20/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	34.38	NA	3.0/4.0
Irrigation Well	10/24/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	36.28	NA	5.8/7.0

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1285 Bancroft Avenue**  
**San Leandro, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
Irrigation Well	01/03/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	31.96	NA	3.1/3.1
Irrigation Well	04/05/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	32.00	NA	2.8/2.9
Irrigation Well	07/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	33.22	NA	4.6/4.6
Irrigation Well	10/28/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	35.55	NA	1.7/1.9
Irrigation Well	01/07/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	31.20 h	NA	1.4/1.0
Irrigation Well	04/14/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	32.35	NA	3.9/4.3
Irrigation Well	07/01/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.64	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	NA	33.03	NA	3.7/4.9
Irrigation Well	10/08/2003	<50	NA	1.1	<0.50	3.5	5.7	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	35.75	NA	3.8/4.8
Irrigation Well	01/15/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	i	NA	4.0/6.0
Irrigation Well	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	32.04	NA	4.0/5.1
Irrigation Well	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	NA	35.21	NA	5.2/5.72
Irrigation Well	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	35.96	NA	5.3/5.9
Irrigation Well	01/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	33.08	NA	4.8/3.7
Irrigation Well	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	32.03	NA	3.76/3.14
Irrigation Well	07/12/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	NA	31.32	NA	5.3/5.8
Irrigation Well	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.12	34.49	28.63	4.5/5.1



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1285 Bancroft Avenue**  
**San Leandro, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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Notes:

- a = Chromatogram pattern indicated an unidentified hydrocarbon.
- b = Equipment blank contained 80 ug/L TPH-G, 1.2 ug/L benzene, 17 ug/L toluene, 3.2 ug/L ethylbenzene, 16 ug/L xylenes, and 15 ug/L MTBE.
- c = Sample was analyzed outside the EPA recommended holding time.
- d = DO Reading not taken.
- e = Result was generated out of hold time.
- f = Stinger broke off in well; removed on subsequent return trip.
- g = Unable to complete sample due to equipment failure.
- h = Depth to water at five minutes purge time.
- i = Unable to gauge; sounder will not fit down access port.
- k = Quantity of unknown hydrocarbons in sample based on gasoline.
- l = The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
- \* = Pre-purge samples.

Ethanol analyzed by EPA Method 8260B.

TOC elevation of wells MW-1, MW-2, and MW-3 resurveyed March 29, 1994.

Site surveyed on June 21, 1999 by Virgil Chavez Land Surveying of Vallejo, CA.

Site surveyed on March 14, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-9, MW-10, MW-11, and MW-12 surveyed on February 24, 2004 by Virgil Chavez Land Surveying of Vallejo, CA.

Well "Irrigation Well" surveyed on October 25, 2005 by Virgil Chavez Land Surveying of Vallejo, CA.

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1285 Bancroft Avenue**  
**San Leandro, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	1,2- DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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Notes:

- a = Chromatogram pattern indicated an unidentified hydrocarbon.
- b = Equipment blank contained 80 ug/L TPH-G, 1.2 ug/L benzene, 17 ug/L toluene, 3.2 ug/L ethylbenzene, 16 ug/L xylenes, and 15 ug/L MTBE.
- c = Sample was analyzed outside the EPA recommended holding time.
- d = DO Reading not taken.
- e = Result was generated out of hold time.
- f = Stinger broke off in well; removed on subsequent return trip.
- g = Unable to complete sample due to equipment failure.
- h = Depth to water at five minutes purge time.
- i = Unable to gauge; sounder will not fit down access port.
- k = Quantity of unknown hydrocarbons in sample based on gasoline.
- l = The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
- \* = Pre-purge samples.

Ethanol analyzed by EPA Method 8260B.

TOC elevation of wells MW-1, MW-2, and MW-3 resurveyed March 29, 1994.

Site surveyed on June 21, 1999 by Virgil Chavez Land Surveying of Vallejo, CA.

Site surveyed on March 14, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-9, MW-10, MW-11, and MW-12 surveyed on February 24, 2004 by Virgil Chavez Land Surveying of Vallejo, CA.

**Blaine Tech Services, Inc.**

October 31, 2005

1680 Rogers Avenue

San Jose, CA 95112-1105

Attn.: Michael Ninokata

Project#: BTS#051021-MD1

Project: 98996067

Site: 1285 Bancroft Avenue, San Leandro

Attached is our report for your samples received on 10/24/2005 14:40


This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 12/08/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: [mbrewer@stl-inc.com](mailto:mbrewer@stl-inc.com)

Sincerely,



Melissa Brewer  
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* [www.stl-inc.com](http://www.stl-inc.com) \* CA DHS ELAP# 2496

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-1	10/21/2005 12:10	Water	1
MW-2	10/21/2005 13:30	Water	2
MW-3	10/21/2005 13:55	Water	3
MW-4	10/21/2005 12:45	Water	4
MW-5	10/21/2005 14:15	Water	5
MW-6	10/21/2005 14:45	Water	6
MW-7	10/21/2005 11:35	Water	7
MW-8	10/21/2005 10:50	Water	8
MW-9	10/21/2005 13:10	Water	9
MW-10	10/21/2005 10:15	Water	10
MW-11	10/21/2005 08:50	Water	11
MW-12	10/21/2005 09:20	Water	12
IW-1	10/21/2005 09:45	Water	13

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

 Project: BTS#051021-MD1  
 98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	<b>MW-1</b>	Lab ID:	2005-10-0494 - 1
Sampled:	10/21/2005 12:10	Extracted:	10/26/2005 14:02
Matrix:	Water	QC Batch#:	2005/10/26-1A.65
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	85	50	ug/L	1.00	10/26/2005 14:02	
Benzene	0.91	0.50	ug/L	1.00	10/26/2005 14:02	
Toluene	ND	0.50	ug/L	1.00	10/26/2005 14:02	
Ethylbenzene	6.7	0.50	ug/L	1.00	10/26/2005 14:02	
Total xylenes	8.7	1.0	ug/L	1.00	10/26/2005 14:02	
Methyl tert-butyl ether (MTBE)	16	0.50	ug/L	1.00	10/26/2005 14:02	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	83.9	73-130	%	1.00	10/26/2005 14:02	
Toluene-d8	90.1	81-114	%	1.00	10/26/2005 14:02	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

Prep(s): 5030B Test(s): 8260B  
 Sample ID: MW-2 Lab ID: 2005-10-0494 - 2  
 Sampled: 10/21/2005 13:30 Extracted: 10/26/2005 17:04  
 Matrix: Water QC Batch#: 2005/10/26-1A.65  
 Analysis Flag: L2, pH: <2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	4300	500	ug/L	10.00	10/26/2005 17:04	
Benzene	96	5.0	ug/L	10.00	10/26/2005 17:04	
Toluene	16	5.0	ug/L	10.00	10/26/2005 17:04	
Ethylbenzene	420	5.0	ug/L	10.00	10/26/2005 17:04	
Total xylenes	350	10	ug/L	10.00	10/26/2005 17:04	
Methyl tert-butyl ether (MTBE)	11	5.0	ug/L	10.00	10/26/2005 17:04	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	90.5	73-130	%	10.00	10/26/2005 17:04	
Toluene-d8	87.9	81-114	%	10.00	10/26/2005 17:04	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

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Prep(s): 5030B	Test(s): 8260B
Sample ID: <b>MW-3</b>	Lab ID: 2005-10-0494 - 3
Sampled: 10/21/2005 13:55	Extracted: 10/26/2005 14:28
Matrix: Water	QC Batch#: 2005/10/26-1A.65
pH: <2	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	180	50	ug/L	1.00	10/26/2005 14:28	
Benzene	ND	0.50	ug/L	1.00	10/26/2005 14:28	
Toluene	0.59	0.50	ug/L	1.00	10/26/2005 14:28	
Ethylbenzene	3.7	0.50	ug/L	1.00	10/26/2005 14:28	
Total xylenes	8.4	1.0	ug/L	1.00	10/26/2005 14:28	
Methyl tert-butyl ether (MTBE)	9.3	0.50	ug/L	1.00	10/26/2005 14:28	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	83.8	73-130	%	1.00	10/26/2005 14:28	
Toluene-d8	91.1	81-114	%	1.00	10/26/2005 14:28	

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

10/31/2005 08:22

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.  
Attn.: Michael Ninokata

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-4	Lab ID: 2005-10-0494 - 4
Sampled: 10/21/2005 12:45	Extracted: 10/26/2005 14:54
Matrix: Water	QC Batch#: 2005/10/26-1A.65
pH: <2	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	76	50	ug/L	1.00	10/26/2005 14:54	
Benzene	ND	0.50	ug/L	1.00	10/26/2005 14:54	
Toluene	ND	0.50	ug/L	1.00	10/26/2005 14:54	
Ethylbenzene	ND	0.50	ug/L	1.00	10/26/2005 14:54	
Total xylenes	ND	1.0	ug/L	1.00	10/26/2005 14:54	
Methyl tert-butyl ether (MTBE)	27	0.50	ug/L	1.00	10/26/2005 14:54	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	86.5	73-130	%	1.00	10/26/2005 14:54	
Toluene-d8	90.1	81-114	%	1.00	10/26/2005 14:54	



**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

Prep(s): 5030B Test(s): 8260B  
 Sample ID: MW-5 Lab ID: 2005-10-0494 - 5  
 Sampled: 10/21/2005 14:15 Extracted: 10/26/2005 18:22  
 Matrix: Water QC Batch#: 2005/10/26-1A.65  
 Analysis Flag: L2, pH: <2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	190000	25000	ug/L	500.00	10/26/2005 18:22	
Benzene	550	250	ug/L	500.00	10/26/2005 18:22	
Toluene	18000	250	ug/L	500.00	10/26/2005 18:22	
Ethylbenzene	6700	250	ug/L	500.00	10/26/2005 18:22	
Total xylenes	35000	500	ug/L	500.00	10/26/2005 18:22	
Methyl tert-butyl ether (MTBE)	920	250	ug/L	500.00	10/26/2005 18:22	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	97.1	73-130	%	500.00	10/26/2005 18:22	
Toluene-d8	91.6	81-114	%	500.00	10/26/2005 18:22	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

Prep(s): 5030B Test(s): 8260B  
 Sample ID: MW-6 Lab ID: 2005-10-0494 - 6  
 Sampled: 10/21/2005 14:45 Extracted: 10/26/2005 17:30  
 Matrix: Water QC Batch#: 2005/10/26-1A.65  
 Analysis Flag: L2, pH: <2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	9000	2000	ug/L	40.00	10/26/2005 17:30	
Benzene	260	20	ug/L	40.00	10/26/2005 17:30	
Toluene	28	20	ug/L	40.00	10/26/2005 17:30	
Ethylbenzene	500	20	ug/L	40.00	10/26/2005 17:30	
Total xylenes	420	40	ug/L	40.00	10/26/2005 17:30	
Methyl tert-butyl ether (MTBE)	1500	20	ug/L	40.00	10/26/2005 17:30	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	95.4	73-130	%	40.00	10/26/2005 17:30	
Toluene-d8	91.7	81-114	%	40.00	10/26/2005 17:30	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-7	Lab ID: 2005-10-0494 - 7
Sampled: 10/21/2005 11:35	Extracted: 10/29/2005 13:49
Matrix: Water	QC Batch#: 2005/10/29-1B.64
pH: <2	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	10/29/2005 13:49	
Benzene	ND	0.50	ug/L	1.00	10/29/2005 13:49	
Toluene	ND	0.50	ug/L	1.00	10/29/2005 13:49	
Ethylbenzene	ND	0.50	ug/L	1.00	10/29/2005 13:49	
Total xylenes	ND	1.0	ug/L	1.00	10/29/2005 13:49	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	10/29/2005 13:49	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	105.1	73-130	%	1.00	10/29/2005 13:49	
Toluene-d8	107.4	81-114	%	1.00	10/29/2005 13:49	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

Prep(s): 5030B	Test(s): 8260B
Sample ID: <b>MW-8</b>	Lab ID: 2005-10-0494 - 8
Sampled: 10/21/2005 10:50	Extracted: 10/26/2005 15:20
Matrix: Water	QC Batch#: 2005/10/26-1A.65
pH: <2	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	10/26/2005 15:20	
Benzene	ND	0.50	ug/L	1.00	10/26/2005 15:20	
Toluene	ND	0.50	ug/L	1.00	10/26/2005 15:20	
Ethylbenzene	ND	0.50	ug/L	1.00	10/26/2005 15:20	
Total xylenes	ND	1.0	ug/L	1.00	10/26/2005 15:20	
Methyl tert-butyl ether (MTBE)	31	0.50	ug/L	1.00	10/26/2005 15:20	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	82.6	73-130	%	1.00	10/26/2005 15:20	
Toluene-d8	89.3	81-114	%	1.00	10/26/2005 15:20	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

Prep(s): 5030B Test(s): 8260B  
Sample ID: **MW-9** Lab ID: 2005-10-0494 - 9  
Sampled: 10/21/2005 13:10 Extracted: 10/26/2005 17:56  
Matrix: Water QC Batch#: 2005/10/26-1A.65  
Analysis Flag: L2, pH: <2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	8300	500	ug/L	10.00	10/26/2005 17:56	
Benzene	190	5.0	ug/L	10.00	10/26/2005 17:56	
Toluene	59	5.0	ug/L	10.00	10/26/2005 17:56	
Ethylbenzene	610	5.0	ug/L	10.00	10/26/2005 17:56	
Total xylenes	1100	10	ug/L	10.00	10/26/2005 17:56	
Methyl tert-butyl ether (MTBE)	930	5.0	ug/L	10.00	10/26/2005 17:56	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	96.1	73-130	%	10.00	10/26/2005 17:56	
Toluene-d8	94.7	81-114	%	10.00	10/26/2005 17:56	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

Prep(s): 5030B Test(s): 8260B  
 Sample ID: **MW-10** Lab ID: 2005-10-0494 - 10  
 Sampled: 10/21/2005 10:15 Extracted: 10/27/2005 14:12  
 Matrix: Water QC Batch#: 2005/10/27-1C:64  
 pH: <2

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	63	50	ug/L	1.00	10/27/2005 14:12	Q1
Benzene	ND	0.50	ug/L	1.00	10/27/2005 14:12	
Toluene	ND	0.50	ug/L	1.00	10/27/2005 14:12	
Ethylbenzene	ND	0.50	ug/L	1.00	10/27/2005 14:12	
Total xylenes	ND	1.0	ug/L	1.00	10/27/2005 14:12	
Methyl tert-butyl ether (MTBE)	7.2	0.50	ug/L	1.00	10/27/2005 14:12	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	102.0	73-130	%	1.00	10/27/2005 14:12	
Toluene-d8	106.5	81-114	%	1.00	10/27/2005 14:12	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1

98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-11	Lab ID: 2005-10-0494 - 11
Sampled: 10/21/2005 08:50	Extracted: 10/26/2005 15:46
Matrix: Water	QC Batch#: 2005/10/26-1A.65
pH: <2	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	10/26/2005 15:46	
Benzene	ND	0.50	ug/L	1.00	10/26/2005 15:46	
Toluene	ND	0.50	ug/L	1.00	10/26/2005 15:46	
Ethylbenzene	ND	0.50	ug/L	1.00	10/26/2005 15:46	
Total xylenes	ND	1.0	ug/L	1.00	10/26/2005 15:46	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	10/26/2005 15:46	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	85.1	73-130	%	1.00	10/26/2005 15:46	
Toluene-d8	90.4	81-114	%	1.00	10/26/2005 15:46	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.  
Attn.: Michael Ninokata

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San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	<b>MW-12</b>	Lab ID:	2005-10-0494 - 12
Sampled:	10/21/2005 09:20	Extracted:	10/26/2005 16:12
Matrix:	Water	QC Batch#:	2005/10/26-1A.65
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	10/26/2005 16:12	
Benzene	ND	0.50	ug/L	1.00	10/26/2005 16:12	
Toluene	ND	0.50	ug/L	1.00	10/26/2005 16:12	
Ethylbenzene	ND	0.50	ug/L	1.00	10/26/2005 16:12	
Total xylenes	ND	1.0	ug/L	1.00	10/26/2005 16:12	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	10/26/2005 16:12	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	83.9	73-130	%	1.00	10/26/2005 16:12	
Toluene-d8	90.5	81-114	%	1.00	10/26/2005 16:12	



**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

Prep(s): 5030B	Test(s): 8260B
Sample ID: <b>IW-1</b>	Lab ID: 2005-10-0494 - 13
Sampled: 10/21/2005 09:45	Extracted: 10/26/2005 16:38
Matrix: Water	QC Batch#: 2005/10/26-1A.65
pH: <2	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	10/26/2005 16:38	
Benzene	ND	0.50	ug/L	1.00	10/26/2005 16:38	
Toluene	ND	0.50	ug/L	1.00	10/26/2005 16:38	
Ethylbenzene	ND	0.50	ug/L	1.00	10/26/2005 16:38	
Total xylenes	ND	1.0	ug/L	1.00	10/26/2005 16:38	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	10/26/2005 16:38	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	84.1	73-130	%	1.00	10/26/2005 16:38	
Toluene-d8	88.1	81-114	%	1.00	10/26/2005 16:38	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.  
Attn.: Michael Ninokata

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Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Method Blank**

**Water**

**QC Batch # 2005/10/26-1A.65**

MB: 2005/10/26-1A.65-036

Date Extracted: 10/26/2005 08:36

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	10/26/2005 08:36	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	10/26/2005 08:36	
Benzene	ND	0.5	ug/L	10/26/2005 08:36	
Toluene	ND	0.5	ug/L	10/26/2005 08:36	
Ethylbenzene	ND	0.5	ug/L	10/26/2005 08:36	
Total xylenes	ND	1.0	ug/L	10/26/2005 08:36	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	81.2	73-130	%	10/26/2005 08:36	
Toluene-d8	90.8	81-114	%	10/26/2005 08:36	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

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San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

**Batch QC Report**

Prep(s): 5030B

**Method Blank**

MB: 2005/10/27-1C.64-039

**Water**

Test(s): 8260B

**QC Batch # 2005/10/27-1C.64**

Date Extracted: 10/27/2005 08:39

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	10/27/2005 08:39	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	10/27/2005 08:39	
Benzene	ND	0.5	ug/L	10/27/2005 08:39	
Toluene	ND	0.5	ug/L	10/27/2005 08:39	
Ethylbenzene	ND	0.5	ug/L	10/27/2005 08:39	
Total xylenes	ND	1.0	ug/L	10/27/2005 08:39	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	100.8	73-130	%	10/27/2005 08:39	
Toluene-d8	104.8	81-114	%	10/27/2005 08:39	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

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Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2005/10/29-1B.64-006

Water

Test(s): 8260B

QC Batch # 2005/10/29-1B.64

Date Extracted: 10/29/2005 09:06

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	10/29/2005 09:06	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	10/29/2005 09:06	
Benzene	ND	0.5	ug/L	10/29/2005 09:06	
Toluene	ND	0.5	ug/L	10/29/2005 09:06	
Ethylbenzene	ND	0.5	ug/L	10/29/2005 09:06	
Total xylenes	ND	1.0	ug/L	10/29/2005 09:06	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	99.2	73-130	%	10/29/2005 09:06	
Toluene-d8	104.2	81-114	%	10/29/2005 09:06	

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2005/10/26-1A.65**

LCS 2005/10/26-1A.65-099

Extracted: 10/26/2005

Analyzed: 10/26/2005 08:10

LCSD 2005/10/26-1A.65-002

Extracted: 10/26/2005

Analyzed: 10/26/2005 09:02

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	20.9	21.7	25	83.6	86.8	3.8	65-165	20		
Benzene	22.1	22.9	25	88.4	91.6	3.6	69-129	20		
Toluene	22.1	23.4	25	88.4	93.6	5.7	70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	387	379	500	77.4	75.8		73-130			
Toluene-d8	448	442	500	89.6	88.4		81-114			

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.  
Attn.: Michael Ninokata

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2005/10/27-1C.64**

LCS 2005/10/27-1C.64-018

Extracted: 10/27/2005

Analyzed: 10/27/2005 08:18

LCSD 2005/10/27-1C.64-002

Extracted: 10/27/2005

Analyzed: 10/27/2005 09:00

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	26.3	24.9	25	105.2	99.6	5.5	65-165	20		
Benzene	28.8	28.1	25	115.2	112.4	2.5	69-129	20		
Toluene	28.4	28.8	25	113.6	115.2	1.4	70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	485	470	500	97.0	94.0		73-130			
Toluene-d8	536	529	500	107.2	105.8		81-114			

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2005/10/29-1B.64**

LCS 2005/10/29-1B.64-045  
LCSD

Extracted: 10/29/2005

Analyzed: 10/29/2005 08:45

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	23.2		25	92.8			65-165	20		
Benzene	26.4		25	105.6			69-129	20		
Toluene	25.8		25	103.2			70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	466		500	93.2			73-130			
Toluene-d8	534		500	106.8			81-114			

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

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San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2005/10/26-1A.65**

MS/MSD

Lab ID: 2005-10-0486 - 003

MS: 2005/10/26-1A.65-010

Extracted: 10/26/2005

Analyzed: 10/26/2005 10:10

Dilution: 1.00

MSD: 2005/10/26-1A.65-035

Extracted: 10/26/2005

Analyzed: 10/26/2005 10:35

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	20.7	22.8	ND	25	82.8	91.2	9.7	65-165	20		
Benzene	21.7	22.1	ND	25	86.8	88.4	1.8	69-129	20		
Toluene	21.7	22.8	ND	25	86.8	91.2	4.9	70-130	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	395	371		500	79.0	74.2		73-130			
Toluene-d8	449	441		500	89.8	88.2		81-114			

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

10/31/2005 08:22



**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2005/10/27-1C.64**

MS/MSD

Lab ID: 2005-10-0482 - 004

MS: 2005/10/27-1C.64-043

Extracted: 10/27/2005

Analyzed: 10/27/2005 10:43

Dilution: 1.00

MSD: 2005/10/27-1C.64-004

Extracted: 10/27/2005

Analyzed: 10/27/2005 11:04

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	23.7	22.1	ND	25	94.8	88.4	7.0	65-165	20		
Benzene	27.5	27.1	ND	25	110.0	108.4	1.5	69-129	20		
Toluene	26.7	26.1	ND	25	106.8	104.4	2.3	70-130	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	527	512		500	105.4	102.4		73-130			
Toluene-d8	540	539		500	108.0	107.8		81-114			

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

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San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1

98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2005/10/29-1B.64**

MS/MSD

Lab ID: 2005-10-0563 - 006

MS: 2005/10/29-1B.64-099

Extracted: 10/29/2005

Analyzed: 10/29/2005 09:45

Dilution: 1.00

MSD: 2005/10/29-1B.64-088

Extracted: 10/29/2005

Analyzed: 10/29/2005 10:06

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	19.9	23.4	ND	25	79.6	93.6	16.2	65-165	20		
Benzene	28.2	26.7	ND	25	112.8	106.8	5.5	69-129	20		
Toluene	27.5	25.4	ND	25	110.0	101.6	7.9	70-130	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	449	506		500	89.8	101.2		73-130			
Toluene-d8	531	535		500	106.2	107.0		81-114			

**Gas/BTEX/MTBE by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051021-MD1  
98996067

Received: 10/24/2005 14:40

Site: 1285 Bancroft Avenue, San Leandro

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**Legend and Notes**

---

**Analysis Flag**

L2

Reporting limits were raised due to high level of analyte present in the sample.

**Result Flag**

Q1

Quantit. of unknown hydrocarbon(s) in sample based on gasoline.

# SHELL Chain Of Custody Record

98540

Lab Identification (if necessary):

Address:

City, State, Zip:

**Shell Project Manager to be invoiced:**

**Denis Brown**

**2005-10-0494**

SCIENCE & ENGINEERING  
 TECHNICAL SERVICES  
 CRMT HOUSTON

**INCIDENT NUMBER (S&E ONLY)**

9	8	9	9	6	0	6	7
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**SAP or CRMT NUMBER (TS/CRMT)**

DATE: 10/21/05

PAGE: 1 of 2

<b>SAMPLING COMPANY:</b> Blaine Tech Services		<b>LOG CODE:</b> BTSS	<b>SITE ADDRESS (Street and City):</b> 1285 Bancroft Avenue, San Leandro		<b>GLOBAL ID NO.:</b> T0600101224
<b>ADDRESS:</b> 1680 Rogers Avenue, San Jose, CA 95112		<b>EDF DELIVERABLE TO (Responsible Party or Designer):</b> Anni Kremi		<b>PHONE NO.:</b> 510-420-3335	<b>E-MAIL:</b> ShellOaklandEDF@cambria-env.com
<b>PROJECT CONTACT (Hardcopy or PDF Report to):</b> Leon Garhart Michael Nimokata		<b>CONSULTANT PROJECT NO.:</b> 051021-0001		<b>BTS #</b>	
<b>TELEPHONE:</b> 408-573-0555	<b>FAX:</b> 408-573-7771	<b>E-MAIL:</b> mmimokata@nearhart@blainetech.com		<b>LAB USE ONLY:</b>	
<b>TURNAROUND TIME (BUSINESS DAYS):</b> <input checked="" type="checkbox"/> 10 DAYS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS			<b>REQUESTED ANALYSIS</b>		
<input type="checkbox"/> LA - RWQCB REPORT FORMAT <input type="checkbox"/> UST AGENCY:					
<b>GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____</b>					
<b>SPECIAL INSTRUCTIONS OR NOTES:</b> CHECK BOX IF EDD IS NOT NEEDED <input type="checkbox"/>					

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	1,2-DCA (8260B)	EDB (8260B)	TPH - Diesel, Extractable (8015m)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
		DATE	TIME													
	MW-1	10/21/05	1210	W	3	X	X	X								TEMPERATURE ON RECEIPT °C 3
	MW-2		1330		3	X	X	X								
	MW-3		1355		3	X	X	X								
	MW-4		1245		3	X	X	Δ								
	MW-5		1415		3	X	X	X								
	MW-6		1445		3	X	X	X								
	MW-7		1135		3	X	X	X								
	MW-8		1050		3	X	X	X								
	MW-9		1310		3	X	X	X								
	MW-10		1015		3	X	X	X								

<b>Relinquished by (Signature):</b> <i>[Signature]</i>	<b>Received by (Signature):</b> <i>[Signature]</i> SAMPLE CUSTODIAN	<b>Date:</b> 10/21/05	<b>Time:</b> 1635
<b>Relinquished by (Signature):</b> <i>[Signature]</i> SAMPLE CUSTODIAN	<b>Received by (Signature):</b> <i>[Signature]</i>	<b>Date:</b> 10.24.05	<b>Time:</b> 1440
<b>Relinquished by (Signature):</b> <i>[Signature]</i>	<b>Received by (Signature):</b> <i>[Signature]</i>	<b>Date:</b> 10.24.05	<b>Time:</b> 1455

C&G Graphic (714) 898-9707

# SHELL Chain of Custody Record

98540

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be invoiced:

Denis Brown

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 6 0 6 7

SAP or CRMT NUMBER (TS/CRMT)

DATE: 10/21/05

PAGE: 2 of 2

SAMPLING COMPANY: <b>Blaine Tech Services</b>		LOG CODE: <b>BTSS</b>	SITE ADDRESS (Street and City): <b>1285 Bancroft Avenue, San Leandro</b>		GLOBAL ID NO.: <b>T0600101224</b>
ADDRESS: <b>1680 Rogers Avenue, San Jose, CA 95112</b>		EDF DELIVERABLE TO (Responsible Party or Designee): <b>Anni Kremi</b>		PHONE NO.: <b>510-420-3335</b>	E-MAIL: <b>ShellOaklandEDF@cambria-env.com</b>
PROJECT CONTACT (Hardcopy or PDF Report to): <b>Leon Gouhart Michael Niunkata</b>		SAMPLER NAME(S) (Print): <b>John DeJong</b>		CONSULTANT PROJECT NO. <b>057021-MPI</b>	
TELEPHONE: <b>408-573-0555</b>	FAX: <b>408-573-7771</b>	E-MAIL: <b>niunkata@blainetech.com</b>		LAB USE ONLY	

TURNAROUND TIME (BUSINESS DAYS):  
 10 DAYS  5 DAYS  72 HOURS  48 HOURS  24 HOURS  LESS THAN 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

**REQUESTED ANALYSIS**

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	1,2-DCA (8260B)	EDB (8260B)	TPH - Diesel, Extractable (8015m)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes	
		DATE	TIME														
	MW-11	10/21/05	0850	W	3	X	X	X									TEMPERATURE ON RECEIPT °C 3
	MW-12	↓	0920	↓	3	X	X	X									
	IW-1	↓	0945	↓	3	X	X	X									

Relinquished by: (Signature) 	Received by: (Signature) 	Date: 10/21/05	Time: 1635
Relinquished by: (Signature) 	Received by: (Signature) 	Date: 10.24.05	Time: 1440
Relinquished by: (Signature) 	Received by: (Signature) 	Date: 10.24.05	Time: 1455

## WELL GAUGING DATA

Project # 051021-MD1 Date 10/21/05 Client Shell

Site 1285 Bancroft Ave., San Leandro

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 TOC
MW-1	4					37.21	59.20	↓
MW-2	4					37.19	59.05	
MW-3	4					37.80	57.52	
MW-4	4	odor				38.57	54.67	
MW-5	4	odor	stringer in well			37.51	49.26	
MW-6	2		stringer in well			35.85	49.44	
MW-7	2					36.92	50.00	
MW-8	2					36.16	50.00	
MW-9	4					36.50	49.51	
MW-10	2					35.81	39.05	
MW-11	2					35.00	44.56	
MW-12	2					36.81	44.76	
ILW-1	8					34.49	—	

## SHELL WELL MONITORING DATA SHEET

BTS #: 051021-MW1	Site: 98996069
Sampler: MW	Date: 10/21/05
Well I.D.: MW-1	Well Diameter: 2 3 @ 6 8
Total Well Depth (TD): 59.20	Depth to Water (DTW): 37.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:  Bailer       Waterra      Sampling Method:  Bailer  
 Disposable Bailer       Peristaltic       Disposable Bailer  
 Positive Air Displacement       Extraction Pump       Extraction Port  
 Electric Submersible      Other \_\_\_\_\_       Dedicated Tubing

$14.3 \text{ (Gals.)} \times 3 = 42.9 \text{ Gals.}$ 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1200	66.7	6.8	531	172	14.5	cloudy
1203	65.9	6.7	531	35	29	clear
1206	65.8	6.7	531	18	43	clear

Did well dewater? Yes  No  Gallons actually evacuated: 43

Sampling Date: 10/21/05 Sampling Time: 1210 Depth to Water: 37.21

Sample I.D.: MW-1 Laboratory: STL Other \_\_\_\_\_

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

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): <u>Pre-purge:</u> 4.3 mg/L	D.O. (if req'd): <u>Post-purge:</u> 4.0 mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	O.R.P. (if req'd): Post-purge: _____ mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 051021-M01	Site: 98996067
Sampler: <u>MO</u>	Date: 10/21/05
Well I.D.: <u>MW-2</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>59.05</u>	Depth to Water (DTW): <u>37.19</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>N/C</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>41.56</u>	

Purge Method:  Bailer       Waterra      Sampling Method:  Bailer  
 Disposable Bailer       Peristaltic       Disposable Bailer  
 Positive Air Displacement       Extraction Pump       Extraction Port  
 Electric Submersible      Other \_\_\_\_\_       Dedicated Tubing  
 Other: \_\_\_\_\_

$14.2 \text{ (Gals.)} \times 3 = 42.6 \text{ Gals.}$ 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1319	65.9	7.0	530	130	14.5	clear, odor
1322	65.3	6.7	532	22	29	↓ ↓
1325	65.1	6.7	533	10	43	↓ ↓

Did well dewater? Yes  No  Gallons actually evacuated: 43

Sampling Date: 10/21/05 Sampling Time: 1330 Depth to Water: 37.19

Sample I.D.: MW-2 Laboratory: STL Other \_\_\_\_\_

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

EB I.D. (if applicable): @ \_\_\_\_\_ Duplicate I.D. (if applicable): \_\_\_\_\_

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

D.O. (if req'd): <u>Pre-purge:</u> <u>3.0</u> <u>2.3</u> mg/L	D.O. (if req'd): <u>Post-purge:</u> <u>2.0</u> mg/L
O.R.P. (if req'd): <u>Pre-purge:</u> _____ mV	O.R.P. (if req'd): <u>Post-purge:</u> _____ mV





## SHELL WELL MONITORING DATA SHEET

BTS #: <u>07021-WM1</u>	Site: <u>98996067</u>
Sampler: <u>WMP</u>	Date: <u>10/21/05</u>
Well I.D.: <u>MW-4</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>59.67</u>	Depth to Water (DTW): <u>38.57</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>41.79</u>	

Purge Method:  Bailer       Waterra      Sampling Method:  Bailer  
 Disposable Bailer       Peristaltic       Disposable Bailer  
 Positive Air Displacement       Extraction Pump       Extraction Port  
 Electric Submersible       Other \_\_\_\_\_       Dedicated Tubing

Other: \_\_\_\_\_

<u>10.5</u> (Gals.) X	<u>3</u> Specified Volumes	<u>=</u>	<u>31.5</u> Gals. Calculated Volume
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Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1236	66.6	7.0	557	23	10.5	clear
1238	66.2	6.7	597	18	21	↓
1241	66.0	6.6	594	41	31.5	

Did well dewater? Yes   No      Gallons actually evacuated: 31.5

Sampling Date: 10/21/05      Sampling Time: 1245      Depth to Water: 39.92

Sample I.D.: MW-4      Laboratory: STL Other \_\_\_\_\_

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

EB I.D. (if applicable): @ \_\_\_\_\_      Duplicate I.D. (if applicable): \_\_\_\_\_

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

D.O. (if req'd): <u>Pre-purge:</u> <u>2.2</u> mg/L	D.O. (if req'd): <u>Post-purge:</u> <u>1.8</u> mg/L
O.R.P. (if req'd): <u>Pre-purge:</u> _____ mV	O.R.P. (if req'd): <u>Post-purge:</u> _____ mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 051021-MD1	Site: 98996067
Sampler: MD	Date: 10/21/05
Well I.D.: MW-5	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 49.20	Depth to Water (DTW): 37.51
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]: 39.86	

Purge Method: Bailer      Waterra      Sampling Method: Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

Other: \_\_\_\_\_

$7.6 \text{ (Gals.)} \times 3 = 22.8 \text{ Gals.}$ I Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1406	68.0	6.5	691	874	8	odor, clear, no
1408	67.8	6.5	689	89	16	↓ ↓ ↓
1410	67.1	6.5	704	106	23	↓ ↓ ↓
pump hose is "slick" when retrieved						
possible SPH						

Did well dewater? Yes No      Gallons actually evacuated: 23

Sampling Date: 10/21/05      Sampling Time: 1415      Depth to Water: ~~38.88~~

Sample I.D.: MW-5      Laboratory: STL Other \_\_\_\_\_

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

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): <u>Pre-purge:</u> 0.2 mg/L	Post-purge: 0.3 mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV





## SHELL WELL MONITORING DATA SHEET

BTS #: 05/021-MD1	Site: 98996067
Sampler: M	Date: 10/21/05
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 50.06	Depth to Water (DTW): 36.6
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (VSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 38.94	

Purge Method: <input checked="" type="radio"/> Bailer <input type="radio"/> Disposable Bailer <input type="radio"/> Positive Air Displacement <input type="radio"/> Electric Submersible	Waterra <input type="radio"/> Peristaltic <input type="radio"/> Extraction Pump Other: _____	Sampling Method: <input checked="" type="radio"/> Bailer <input type="radio"/> Disposable Bailer <input type="radio"/> Extraction Port <input type="radio"/> Dedicated Tubing Other: _____
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$2.2 \text{ (Gals.)} \times 3 = 6.6 \text{ Gals.}$ 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1032	63.7	6.9	519	71000	2.2	Cloudy
1038	64.5	6.5	521	71000	4.4	↓
1042	64.3	6.5	520	70000	6.6	

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Gallons actually evacuated: 6.6	
Sampling Date: 10/21/05	Sampling Time: 1050	Depth to Water: 36.12
Sample I.D.: MW-8	Laboratory: STL	Other: _____
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See Scope	
EB I.D. (if applicable): @ _____	Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: _____	
D.O. (if req'd):	Pre-purge: 0.4 mg/L	Post-purge: 0.5 mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 051021-M01	Site: 98996067
Sampler: MW	Date: 10/21/05
Well I.D.: MW-9	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 49.5	Depth to Water (DTW): 36.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>FVC</u> Grade	D.O. Meter (if req'd): <u>VSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 39.10	

Purge Method:  Bailer       Waterra  
 Disposable Bailer       Peristaltic  
 Positive Air Displacement       Extraction Pump  
 Electric Submersible       Other \_\_\_\_\_

Sampling Method:  Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing  
 Other: \_\_\_\_\_

$8.5 \text{ (Gals.)} \times 3 = 25.5 \text{ Gals.}$ I Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1259	67.5	7.0	515	122	8.5	cloudy
1301	67.3	6.7	519	324	17	↓
1302	67.1	6.7	550	348	29.5	

Did well dewater? Yes  No  Gallons actually evacuated: 25.5

Sampling Date: 10/21/05      Sampling Time: 1310      Depth to Water: 37.20

Sample I.D.: MW9      Laboratory: STD Other \_\_\_\_\_

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

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): <u>Pre-purge:</u> 0.4 mg/L	Post-purge: 0.3 mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>051021-MD 1</u>	Site: <u>9899 6067</u>
Sampler: <u>MP</u>	Date: <u>10/21/05</u>
Well I.D.: <u>MW-10</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): <u>39.05</u>	Depth to Water (DTW): <u>35.54</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:  Bailer       Disposable Bailer       Positive Air Displacement       Electric Submersible

Water:  Peristaltic       Extraction Pump      Other: \_\_\_\_\_

Sampling Method:  Bailer       Disposable Bailer       Extraction Port       Dedicated Tubing

Other: \_\_\_\_\_

$0.6 \text{ (Gals.)} \times 3 = 1.8 \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														
1 Case Volume	Specified Volumes	Calculated Volume															

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1008	64.7	6.7	746	71000	0.6	Cloudy
1010	65.1	6.5	741	71000	1.2	↓
1012	65.2	6.6	725	71000	1.2	

Did well dewater? Yes  No  Gallons actually evacuated: 1.8

Sampling Date: 10/21/05 Sampling Time: 1015 Depth to Water: 36.70 street well

Sample I.D.: MW-10 Laboratory: STL Other: \_\_\_\_\_

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

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: 0.3 mg/L Post-purge: 0.5 mg/L

O.R.P. (if req'd): Pre-purge: \_\_\_\_\_ mV Post-purge: \_\_\_\_\_ mV



## SHELL WELL MONITORING DATA SHEET

BTS #: <u>051021-MDI</u>	Site: <u>98996067</u>
Sampler: <u>MD</u>	Date: <u>10/21/05</u>
Well I.D.: <u>MW-11</u>	Well Diameter: <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8
Total Well Depth (TD): <u>44.56</u>	Depth to Water (DTW): <u>35.00</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC    Grade	D.O. Meter (if req'd): <input checked="" type="radio"/> YSI    HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method:     Bailer    Waterra    Sampling Method:     Bailer  
                           Disposable Bailer     Peristaltic     Disposable Bailer  
                           Positive Air Displacement     Extraction Pump     Extraction Port  
                           Electric Submersible    Other: \_\_\_\_\_     Dedicated Tubing

$\underline{1.5} \text{ (Gals.)} \times \underline{3} = \underline{4.5} \text{ Gals.}$ <p>1 Case Volume                  Specified Volumes                  Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>0841</u>	<u>63.8</u>	<u>6.0</u>	<u>501</u>	<u>775</u>	<u>1.5</u>	<u>cloudy</u>
<u>0845</u>	<u>64.0</u>	<u>6.2</u>	<u>501</u>	<u>71000</u>	<u>3</u>	<u>↓</u>
<u>0849</u>	<u>63.9</u>	<u>6.3</u>	<u>501</u>	<u>71000</u>	<u>4.5</u>	<u>↓</u>

Did well dewater?    Yes     No    Gallons actually evacuated: 4.5

Sampling Date: 10/21/05    Sampling Time: 0850    Depth to Water: 34.82

Sample I.D.: MW-11    Laboratory:  STL    Other: \_\_\_\_\_

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

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):	<input checked="" type="radio"/> Pre-purge:	<u>1.1</u> mg/L	<input checked="" type="radio"/> Post-purge:	<u>3.8</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>051021-MD1</u>	Site: <u>98996067</u>
Sampler: <u>MD</u>	Date: <u>10/21/05</u>
Well I.D.: <u>MW-12</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): <u>44.76</u>	Depth to Water (DTW): <u>36.81</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>38.90</u>	

Purge Method:  Bailer       Waterra      Sampling Method:  Bailer  
 Disposable Bailer       Peristaltic       Disposable Bailer  
 Positive Air Displacement       Extraction Pump       Extraction Port  
 Electric Submersible       Other \_\_\_\_\_       Dedicated Tubing

Other: \_\_\_\_\_

$\frac{1.3 \text{ (Gals.)} \times 3}{1 \text{ Case Volume Specified Volumes}} = 3.9 \text{ Gals. Calculated Volume}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0907	62.1	6.6	497	7100	1.3	cloudy
0910	63.4	6.4	502	7100	2.6	↓
0913	63.4	6.4	501	7000	3.9	

Did well dewater? Yes  No  Gallons actually evacuated: 3.9

Sampling Date: 10/21/05 Sampling Time: 0920 Depth to Water: 36.85

Sample I.D.: MW-12 Laboratory: STL Other \_\_\_\_\_

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

EB I.D. (if applicable): @ \_\_\_\_\_ Duplicate I.D. (if applicable): \_\_\_\_\_

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

D.O. (if req'd): Pre-purge: 3.5 mg/L : Post-purge: 4.5 mg/L

O.R.P. (if req'd): Pre-purge: \_\_\_\_\_ mV : Post-purge: \_\_\_\_\_ mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 051021-MD1	Site: 98996067
Sampler: MW	Date: 10/21/05
Well I.D.: IW-1	Well Diameter: 2 3 4 <del>4</del> 8
Total Well Depth (TD): -	Depth to Water (DTW): 34.44
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]:	

Purge Method: Bailer      Waterra      Sampling Method: Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
 Electric Submersible      Other      Dedicated Tubing

Irrigation well run for 15 min

(Gals.) X _____ = _____ Gals.	<small>Well Diameter</small>	<small>Multiplier</small>	<small>Well Diameter</small>	<small>Multiplier</small>
1 Case Volume      Specified Volumes      Calculated Volume	1"	0.04	4"	0.65
	2"	0.16	6"	1.47
	3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0934	-	-	-	-	-	DTW = 34.83
0939	-	-	-	-	-	34.83
0944	63.0	7.0	528	1	-	34.84

Did well dewater? Yes  No  Gallons actually evacuated: -

Sampling Date: 10/21/05      Sampling Time: 0945      Depth to Water: 34.84

Sample I.D.: IW-1      Laboratory: STL      Other: \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: 522 Scope

EB I.D. (if applicable): @ \_\_\_\_\_      Duplicate I.D. (if applicable): \_\_\_\_\_

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

D.O. (if req'd): Pre-purge: <sup>set hole</sup> 4.5 mg/L	Post-purge: <sup>set hole</sup> 5.1 mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV

**ATTACHMENT B**  
**Monitoring Well Survey Report**

October 27, 2005  
Project No.: 1703-21B

David Gibbs  
Cambria Environmental  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

Subject:       Monitoring Well Survey  
                  Shell-Branded Service Station  
                  1285 Bancroft Avenue  
                  San Leandro, CA

Dear David:

This is to confirm that we have proceeded at your request to survey the ground water monitoring wells located at the above referenced location. The survey was completed on October 25, 2005. The benchmark for this survey was a disk in a monument well at the southeast corner Estudillo Avenue and Bancroft Avenue. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83).

Benchmark Elevation = 65.098 feet (NGVD 29).

<u>Latitude</u>	<u>Longitude</u>	<u>Northing</u>	<u>Easting</u>	<u>Elev.</u>	<u>Desc.</u>
37.7273535	-122.1490950	2091509.88	6084761.85	65.85	RIM IW-1
				63.12	TOC IW-1

Sincerely,

---

Virgil D. Chavez, PLS 6323