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*By dehloptoxic at 1:14 pm, Aug 29, 2006*

**Denis L. Brown**

Jerry Wickham  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 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: Shell-branded Service Station  
1784 150th Avenue  
San Leandro, California  
SAP Code 136019  
Incident #98996068  
ACHCSA Case No. 0367

Dear Mr. Wickham:

The attached document is provided for your review and comment. 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  
Project Manager

August 29, 2006

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

Re: **Second Quarter 2006 Groundwater Monitoring Report**  
Shell-branded Service Station  
1784 150th Avenue  
San Leandro, California  
SAP Code 136019  
Incident #98996068  
Cambria Project #248-0612-002  
Fuel Leak Case No. RO 0367



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 HISTORY

**2002 - 2004 Mobile Groundwater Extraction (GWE):** From July 2002 through September 2004, Onyx Industrial Services (Onyx) of Benicia, California conducted GWE using monitoring well MW-2 and/or MW-11. Mobile GWE ceased following startup of a temporary GWE system in September 2004. As of August 24, 2004, approximately 19.6 pounds of total petroleum hydrocarbons as gasoline (TPHg), approximately 3.4 pounds of benzene, and approximately 4.8 pounds of methyl tertiary-butyl ether (MTBE) had been removed from the subsurface.

**2004 Temporary GWE System:** On September 13, 2004, Shell completed installing and began operating a temporary GWE system as an interim remedial measure to address the elevated petroleum hydrocarbon and MTBE concentrations in groundwater near the west corner of the site. Groundwater was extracted from monitoring well MW-2 using a pneumatic submersible pump. Extracted groundwater was pumped from the well into a 6,500-gallon storage tank located in the south corner of the site. The extracted water was periodically transported to Shell's Martinez Refinery located in Martinez, California for reclamation. Approximately 0.02 pounds of TPHg

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and approximately 0.31 pounds of MTBE were removed from the subsurface. On November 11, 2004, Shell shut down the temporary GWE system to conduct an interim remediation test using dual-phase extraction (DPE).

**2004 DPE Test:** Because hydrocarbon concentrations in groundwater near the west corner of the site remained elevated, Cambia conducted interim remediation testing using DPE on wells MW-11 and MW-2 between November 8 and 13, 2004. Based on operating parameters and vapor sample analytical results, the total TPHg, benzene, and MTBE vapor-phase mass removed from well MW-11 was estimated at 165, 0.291, and 0.063 pounds, respectively. The total TPHg, benzene, and MTBE vapor-phase mass removed from well MW-2 was estimated at 0.073, 0.0002, and 0.001 pounds, respectively.

Approximately, 7,445 gallons of groundwater were extracted from well MW-2. Approximately, 5,714 gallons of groundwater were extracted from well MW-1. The total TPHg, benzene, and MTBE liquid-phase mass removed from wells MW-2 and MW-1 during interim remediation was estimated at 5.15, 0.719, and 1.69 pounds, respectively.

**2005 Temporary GWE System:** On January 10, 2005, the temporary GWE system was re-activated using well MW-11. Well MW-11 was chosen due to the higher TPHg and MTBE concentrations detected in this well during the most recent sampling events. Approximately 24.8 pounds of TPHg, approximately 1.9 pounds of benzene, and approximately 4.2 pounds of MTBE were removed from the subsurface by DPE and the temporary GWE system. Due to concern over possible damage during site upgrade activities, the temporary GWE system was shut down on March 14, 2005. Because the City of San Leandro Building Department would not allow a temporary system to remain in operation longer than 6 months, the system was removed from the site on June 6, 2005.

**2005 - Present Mobile GWE:** In a July 21, 2005 letter, the Alameda County Health Care Services Agency requested that interim remediation using GWE be re-initiated at the site. In September 2005, Onyx began conducting monthly GWE using monitoring well MW-11. Current activities are described below.

## SECOND QUARTER 2006 ACTIVITIES

**Groundwater Monitoring:** Blaine Tech Services, Inc. (Blaine) of San Jose gauged and sampled wells in accordance with the existing monitoring program. One of the ice chests was delivered to the laboratory late, and thus the sample temperatures exceeded EPA recommendations for analysis. Thus, three wells (MW-6, MW-9, and MW-13) were re-sampled on July 6, 2006.

Blaine calculated groundwater elevations, and compiled the analytical data. Because a measurable quantity of separate-phase hydrocarbons (SPH) was detected in monitoring well MW-1, no groundwater sample was collected from this well. 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.

**Additional Analysis:** At Shell's request, in addition to TPHg, benzene, toluene, ethylbenzene, xylenes, and MTBE, groundwater samples from on-site wells MW-2, MW-10, and MW-11 were again analyzed for tertiary-amyl methyl ether (TAME), tertiary-butanol (TBA), and 1,2-dichloroethane (1,2-DCA). TBA was detected in wells MW-2 and MW-11 at concentrations of 1,180 parts per billion (ppb) and 2,700 ppb, respectively. TAME was detected in wells MW-2 and MW-11 at concentrations of 4.9 ppb and 22.8 ppb, respectively. 1,2-DCA was not detected in any of the groundwater samples.

**Mobile GWE:** Shell performed monthly mobile GWE from well MW-11 this quarter. Through June 16, 2006, mobile GWE has removed approximately 21.2 pounds of TPHg, approximately 3.5 pounds of benzene, and approximately 5.2 pounds of MTBE from the subsurface. Table 1 presents mobile GWE mass removal data.

**Subsurface Investigation:** Cambria implemented the approved work plan on May 23 through 26, 2006. In addition, the waste oil UST at the subject site was removed from the ground on May 25, 2006.

## ANTICIPATED THIRD QUARTER 2006 ACTIVITIES

**Groundwater Monitoring:** Blaine will gauge and sample all wells, and tabulate the data. Due to the observation of SPH in well MW-1 during the first and second quarter sampling events, Blaine will continue to monitor well MW-1 for SPH during the third quarter sampling event. Cambria will prepare a monitoring report.

**Mobile GWE:** Given the presence of SPH in well MW-1, the mobile GWE program will be modified to include extraction on well MW-1 twice per month. Well MW-11 will continue on the monthly schedule since the benzene concentrations in well MW-11 have been reduced by 50% over the past two years (8,500 to 4,420 ppb) and the MTBE concentrations have decreased an order of magnitude in the same period (25,000 to 4,490 ppb).

Jerry Wickham  
August 29, 2006

**Subsurface Investigation:** Cambria submitted the *Subsurface Investigation Report* on July 26, 2006 and the *Underground Storage Tank Removal Report* on August 4, 2006.

**CLOSING**

We appreciate the opportunity to work with you on this project. Please call Ana Friel at (707) 268-3812 if you have any questions or comments.



Sincerely,  
**Cambria Environmental Technology, Inc.**



Ana Friel, P.G.  
Associate Geologist

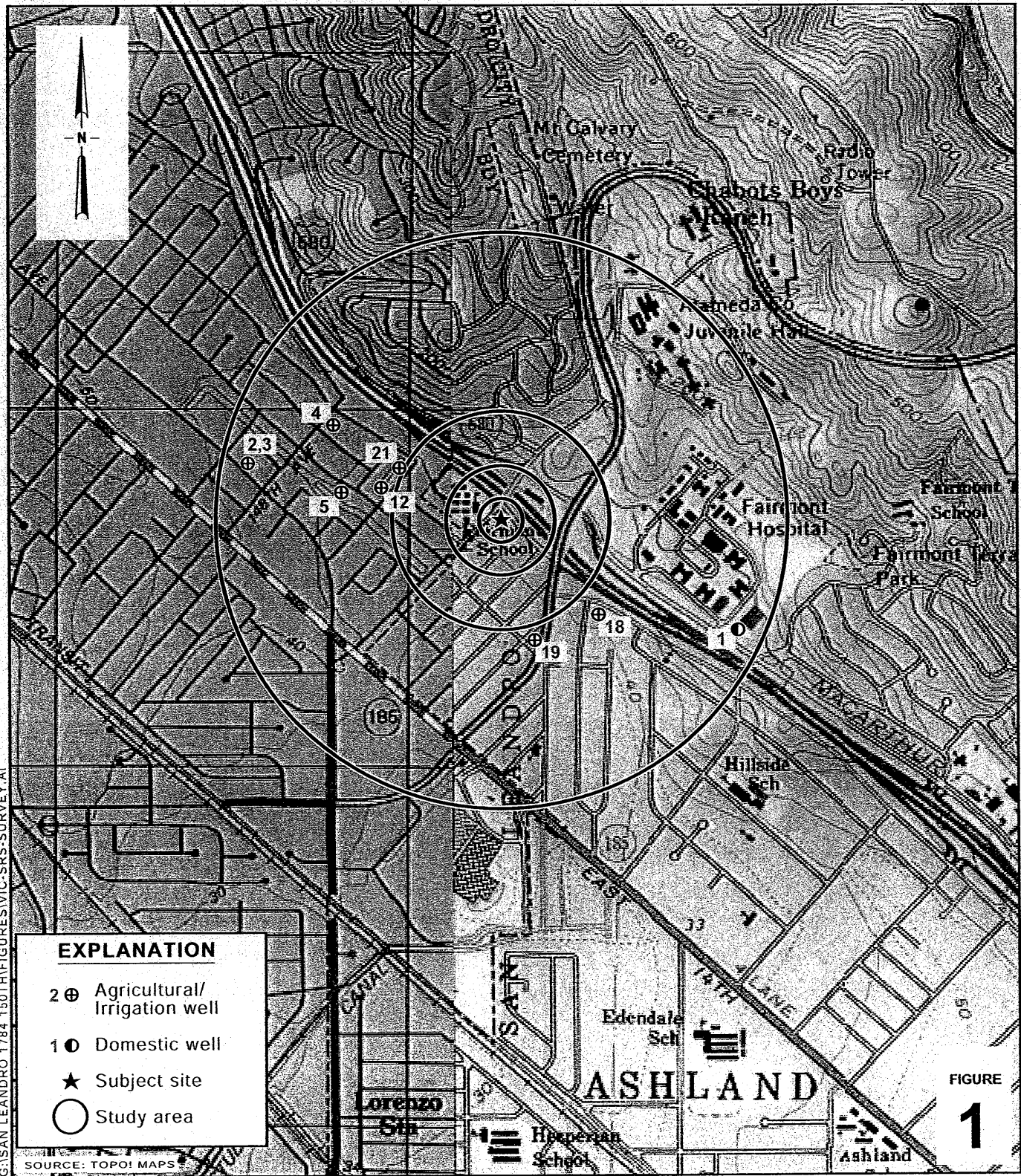
Figures: 1 - Site Vicinity and Sensitive Receptor Survey Map  
2 - Groundwater Elevation Contour Map

Table: 1 - Groundwater Extraction – Mass Removal Data

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

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

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**EXPLANATION**

- 2 ⊕ Agricultural/Irrigation well
- 1 ● Domestic well
- ★ Subject site
- Study area

FIGURE

**1**

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

**Shell-branded Service Station**

1784 150th Avenue  
San Leandro, California  
Incident No.98996068



C A M B R I A

**Site Vicinity and Sensitive Receptor Survey Map**

(1/2-Mile Radius)

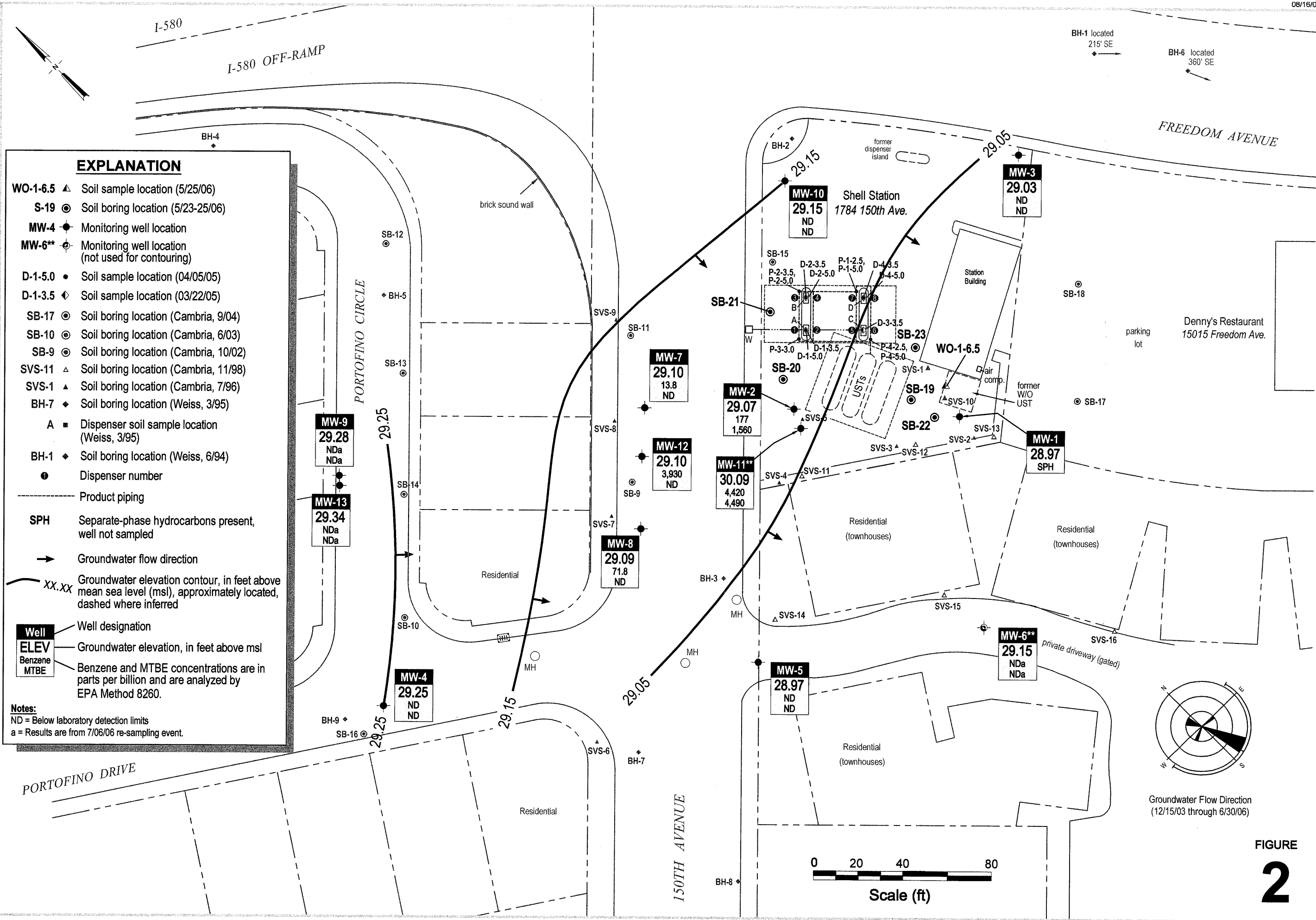


FIGURE 2

**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996068, 1784 150th 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)
07/03/02	MW-2	482	482	06/18/02	72,000	0.28958	0.28958	9,500	0.03821	0.03821	29,000	0.11664	0.11664
07/17/02	MW-2	834	1,316	06/18/02	72,000	0.50106	0.79064	9,500	0.06611	0.10432	29,000	0.20182	0.31845
07/31/02	MW-2	213	1,529	06/18/02	72,000	0.12797	0.91861	9,500	0.01688	0.12121	29,000	0.05154	0.37000
08/14/02	MW-2	664	2,193	06/18/02	72,000	0.39893	1.31754	9,500	0.05264	0.17384	29,000	0.16068	0.53068
09/16/02	MW-2	662	2,855	06/18/02	72,000	0.39773	1.71527	9,500	0.05248	0.22632	29,000	0.16019	0.69087
10/14/02	MW-2	501	3,356	09/18/02	48,000	0.20067	1.91593	7,600	0.03177	0.25809	8,700	0.03637	0.72724
11/11/02	MW-2	547	3,903	09/18/02	48,000	0.21909	2.13502	7,600	0.03469	0.29278	8,700	0.03971	0.76695
12/09/02	MW-2	106	4,009	09/18/02	48,000	0.04246	2.17748	7,600	0.00672	0.29950	8,700	0.00770	0.77465
01/08/03	MW-2	652	4,661	12/27/02	40,000	0.21762	2.39510	5,900	0.03210	0.33160	19,000	0.10337	0.87802
02/04/03	MW-2	326	4,987	12/27/02	40,000	0.10881	2.50391	5,900	0.01605	0.34765	19,000	0.05168	0.92970
03/05/03	MW-2	647	5,634	03/05/03	62,000	0.33473	2.83863	13,000	0.07018	0.41784	21,000	0.11337	1.04308
04/08/03	MW-2	434	6,068	03/05/03	62,000	0.22453	3.06316	13,000	0.04708	0.46491	21,000	0.07605	1.11913
05/06/03	MW-2	736	6,804	03/05/03	62,000	0.38077	3.44393	13,000	0.07984	0.54475	21,000	0.12897	1.24810
06/06/03	MW-2	348	7,152	03/05/03	62,000	0.18004	3.62397	13,000	0.03775	0.58250	21,000	0.06098	1.30908
07/14/03	MW-2	391	7,543	06/24/03	19,000	0.06199	3.68596	9,500	0.03100	0.61350	14,000	0.04568	1.35475
08/12/03	MW-2	591	8,134	06/24/03	19,000	0.09370	3.77966	9,500	0.04685	0.66035	14,000	0.06904	1.42380
09/12/03	MW-2	399	8,533	06/24/03	19,000	0.06326	3.84292	9,500	0.03163	0.69198	14,000	0.04661	1.47041
10/10/03	MW-2	837	9,370	09/25/03	65,000	0.45397	4.29689	24,000	0.16762	0.85960	19,000	0.13270	1.60311
11/12/03	MW-2	259	9,629	09/25/03	65,000	0.14048	4.43737	24,000	0.05187	0.91147	19,000	0.04106	1.64417
12/05/03	MW-2	727	10,356	09/25/03	65,000	0.39431	4.83168	24,000	0.14559	1.05706	19,000	0.11526	1.75943
01/02/04	MW-2	1,168	11,524	12/15/03	67,000	0.65300	5.48468	18,000	0.17543	1.23249	11,000	0.10721	1.86664
02/03/04	MW-2	962	12,486	12/15/03	67,000	0.53783	6.02251	18,000	0.14449	1.37698	11,000	0.08830	1.95494
03/02/04	MW-2	343	12,829	12/15/03	67,000	0.19176	6.21427	18,000	0.05152	1.42850	11,000	0.03148	1.98642
03/16/04	MW-2	856	13,685	03/04/04	72,000	0.51428	6.72855	27,000	0.19285	1.62136	13,000	0.09286	2.07928
04/06/04	MW-2	652	14,337	03/04/04	72,000	0.39172	7.12026	27,000	0.14689	1.76825	13,000	0.07073	2.15001
04/28/04	MW-2	400	14,737	03/04/04	72,000	0.24032	7.36058	27,000	0.09012	1.85837	13,000	0.04339	2.19340



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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 To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE To Date (pounds)
05/04/04	MW-2	700	15,437	03/04/04	72,000	0.42056	7.78114	27,000	0.15771	2.01608	13,000	0.07593	2.26933
05/11/04	MW-2	600	16,037	03/04/04	72,000	0.36048	8.14161	27,000	0.13518	2.15126	13,000	0.06509	2.33442
05/18/04	MW-2	1,169	17,206	03/04/04	72,000	0.70233	8.84394	27,000	0.26337	2.41463	13,000	0.12681	2.46122
05/25/04	MW-2	867	18,073	03/04/04	72,000	0.52089	9.36483	27,000	0.19533	2.60996	13,000	0.09405	2.55527
06/02/04	MW-2	1,533	19,606	05/27/04	74,000	0.94660	10.31143	6,000	0.07675	2.68671	19,000	0.24305	2.79832
06/08/04	MW-2	809	20,415	05/27/04	74,000	0.49954	10.81097	6,000	0.04050	2.72722	19,000	0.12826	2.92658
06/15/04	MW-2	1,462	21,877	05/27/04	74,000	0.90276	11.71373	6,000	0.07320	2.80041	19,000	0.23179	3.15837
06/22/04	MW-2	1,720	23,597	05/27/04	74,000	1.06207	12.77580	6,000	0.08611	2.88653	19,000	0.27269	3.43106
06/29/04	MW-2	1,100	24,697	05/27/04	74,000	0.67923	13.45503	6,000	0.05507	2.94160	19,000	0.17440	3.60546
07/06/04	MW-2	1,595	26,292	05/27/04	74,000	0.98488	14.43992	6,000	0.07986	3.02145	19,000	0.25288	3.85834
07/16/04	MW-2	1,643	27,935	05/27/04	74,000	1.01452	15.45444	6,000	0.08226	3.10371	19,000	0.26049	4.11882
07/20/04	MW-2	1,578	29,513	05/27/04	74,000	0.97439	16.42883	6,000	0.07900	3.18272	19,000	0.25018	4.36900
07/27/04	MW-2	1,660	31,173	05/27/04	74,000	1.02502	17.45385	6,000	0.08311	3.26583	19,000	0.26318	4.63218
08/10/04	MW-2	28	31,201	05/27/04	74,000	0.01729	17.47114	6,000	0.00140	3.26723	19,000	0.00444	4.63662
08/24/04	MW-2	1,273	32,474	05/27/04	74,000	0.78606	18.25719	6,000	0.06373	3.33096	19,000	0.20182	4.83845
03/23/04	MW-11	142	142	03/04/04	68,000	0.08057	0.08057	5,300	0.00628	0.00628	8,300	0.00983	0.00983
04/20/04	MW-11	122	264	03/04/04	68,000	0.06922	0.14980	5,300	0.00540	0.01168	8,300	0.00845	0.01828
04/28/04	MW-11	101	365	03/04/04	68,000	0.05731	0.20711	5,300	0.00447	0.01614	8,300	0.00700	0.02528
05/04/04	MW-11	216	581	03/04/04	68,000	0.12256	0.32967	5,300	0.00955	0.02569	8,300	0.01496	0.04024
05/11/04	MW-11	268	849	03/04/04	68,000	0.15207	0.48174	5,300	0.01185	0.03755	8,300	0.01856	0.05880
05/18/04	MW-11	200	1,049	03/04/04	68,000	0.11348	0.59522	5,300	0.00885	0.04639	8,300	0.01385	0.07265
05/25/04	MW-11	60	1,109	03/04/04	68,000	0.03404	0.62926	5,300	0.00265	0.04905	8,300	0.00416	0.07681
06/02/04	MW-11	100	1,209	05/27/04	86,000	0.07176	0.70103	8,500	0.00709	0.05614	25,000	0.02086	0.09767
06/08/04	MW-11	250	1,459	05/27/04	86,000	0.17940	0.88043	8,500	0.01773	0.07387	25,000	0.05215	0.14982
06/15/04	MW-11	150	1,609	05/27/04	86,000	0.10764	0.98807	8,500	0.01064	0.08451	25,000	0.03129	0.18111

**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996068, 1784 150th 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)
06/22/04	MW-11	50	1,659	05/27/04	86,000	0.03588	1.02395	8,500	0.00355	0.08806	25,000	0.01043	0.19154
06/29/04	MW-11	100	1,759	05/27/04	86,000	0.07176	1.09571	8,500	0.00709	0.09515	25,000	0.02086	0.21240
07/06/04	MW-11	52	1,811	05/27/04	86,000	0.03732	1.13303	8,500	0.00369	0.09884	25,000	0.01085	0.22325
07/16/04	MW-11	100	1,911	05/27/04	86,000	0.07176	1.20479	8,500	0.00709	0.10593	25,000	0.02086	0.24411
07/20/04	MW-11	50	1,961	05/27/04	86,000	0.03588	1.24067	8,500	0.00355	0.10948	25,000	0.01043	0.25454
07/27/04	MW-11	50	2,011	05/27/04	86,000	0.03588	1.27655	8,500	0.00355	0.11302	25,000	0.01043	0.26497
08/10/04	MW-11	15	2,026	05/27/04	86,000	0.01076	1.28732	8,500	0.00106	0.11409	25,000	0.00313	0.26810
08/24/04	MW-11	80	2,106	05/27/04	86,000	0.05741	1.34473	8,500	0.00567	0.11976	25,000	0.01669	0.28479
09/02/05	MW-11	146	2,252	08/20/05	86,000	0.10477	1.44950	3,800	0.00463	0.12439	3,900	0.00475	0.28954
11/10/05	MW-11	46	2,298	08/20/05	86,000	0.03301	1.48251	3,800	0.00146	0.12585	3,900	0.00150	0.29104
12/20/05	MW-11	144	2,442	12/05/05	69,000	0.08291	1.56542	4,000	0.00481	0.13065	7,400	0.00889	0.29993
01/18/06	MW-11	112	2,554	12/05/05	69,000	0.06449	1.62990	4,000	0.00374	0.13439	7,400	0.00692	0.30685
02/15/06	MW-11	221	2,775	12/05/05	69,000	0.12724	1.75715	4,000	0.00738	0.14177	7,400	0.01365	0.32049
04/19/06	MW-11	257	3,032	04/19/06	116,000	0.24876	2.00591	4,780	0.01025	0.15202	5,550	0.01190	0.33239
05/24/06	MW-11	110	3,142	05/01/06	129,000	0.11841	2.12431	4,180	0.00384	0.15586	4,510	0.00414	0.33653
06/16/06	MW-11	790	3,932	06/30/06	119,000	0.78445	2.90877	4,420	0.02914	0.18499	4,490	0.02960	0.36613
<b>Total Gallons Extracted:</b>			<b>36,406</b>		<b>Total Pounds Removed:</b>		<b>21.16596</b>		<b>3.51596</b>			<b>5.20458</b>	
					<b>Total Gallons Removed:</b>		<b>3.46983</b>		<b>0.48164</b>			<b>0.83945</b>	

**Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996068, 1784 150th 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)

**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 ( $\mu\text{g/L}$ ) x ( $\text{g}/10^6\mu\text{g}$ ) 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. Water disposed at the Shell Refinery in Martinez, CA.

**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

July 31, 2006

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

Second Quarter 2006 Groundwater Monitoring at  
Shell-branded Service Station  
1784 150th Avenue  
San Leandro, CA

Monitoring performed on April 19, May 1,  
June 26, 29, and 30, and July 6, 2006

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**Groundwater Monitoring Report 060629-SC-2**

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 Shell Martinez Manufacturing Complex.

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 Sheet

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

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1784 150th 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	03/08/1990	510	120	1.5	0.8	<0.5	5.4	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.29	23.84	NA	NA
MW-1	06/12/1990	390	100	86	1.3	0.7	6.2	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.85	23.28	NA	NA
MW-1	09/13/1990	100	130	56	0.75	2.4	2.8	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.49	21.64	NA	NA
MW-1	12/18/1990	480	<50	54	1.7	3.3	3.7	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.41	21.72	NA	NA
MW-1	03/07/1991	80	<50	266	<0.5	1.2	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.79	23.34	NA	NA
MW-1	06/07/1991	510	<50	130	3.8	6.1	11	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.64	23.49	NA	NA
MW-1	09/17/1991	330	120 a	67	<0.5	3.0	2.2	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.54	21.59	NA	NA
MW-1	12/09/1991	140a	80	<0.5	<0.5	1.7	4.7	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.81	21.32	NA	NA
MW-1	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.57	23.56	NA	NA
MW-1	02/24/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	22.83	26.30	NA	NA
MW-1	02/27/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	23.09	26.04	NA	NA
MW-1	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	49.13	23.26	25.87	NA	NA
MW-1	06/03/1992	1,500	NA	520	180	72	230	NA	NA	NA	NA	NA	NA	NA	NA	49.13	24.64	24.49	NA	NA
MW-1	09/01/1992	130	NA	16	1.4	1.8	3.4	NA	NA	NA	NA	NA	NA	NA	NA	49.13	26.74	22.39	NA	NA
MW-1	10/06/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.18	21.95	NA	NA
MW-1	11/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.99	21.14	NA	NA
MW-1	12/04/1992	150	NA	360	0.7	1.8	2.1	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.14	21.99	NA	NA
MW-1	01/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.09	29.04	NA	NA
MW-1	02/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	24.26	24.87	NA	NA
MW-1	03/03/1993	<50	NA	1.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.50	28.63	NA	NA
MW-1	05/11/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	21.70	27.43	NA	NA
MW-1	06/17/1993	1,600	NA	340	120	120	440	NA	NA	NA	NA	NA	NA	NA	NA	49.13	22.42	26.71	NA	NA
MW-1	09/10/1993	2,600	NA	670	340	310	730	NA	NA	NA	NA	NA	NA	NA	NA	49.13	24.11	25.02	NA	NA
MW-1	12/13/1993	11,000	NA	470	320	380	2,300	NA	NA	NA	NA	NA	NA	NA	NA	49.13	23.73	25.40	NA	NA
MW-1	03/03/1994	16,000	NA	700	690	480	3,200	NA	NA	NA	NA	NA	NA	NA	NA	49.13	22.08	27.05	NA	NA
MW-1	06/06/1994	7,500	NA	420	280	200	1,000	NA	NA	NA	NA	NA	NA	NA	NA	49.13	23.10	26.03	NA	NA
MW-1	09/12/1994	1,200	NA	110	21	3.3	420	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.19	23.94	NA	NA
MW-1	12/19/1994	4,600	NA	470	330	230	1,300	NA	NA	NA	NA	NA	NA	NA	NA	49.13	23.06	26.07	NA	NA
MW-1	02/28/1995	500	NA	59	32	6.8	68	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.90	28.23	NA	NA
MW-1	03/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	18.28	30.85	NA	NA
MW-1	06/26/1995	5,500	NA	740	420	300	1,800	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.40	28.73	NA	NA
MW-1	09/13/1995	84,000	NA	1,900	2,600	3,000	14,000	NA	NA	NA	NA	NA	NA	NA	NA	49.13	22.62	26.51	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1784 150th 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	12/19/1995	80,000	NA	660	350	170	18,000	NA	NA	NA	NA	NA	NA	NA	NA	49.13	22.10	27.03	NA	NA
MW-1	03/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	18.83	30.34	0.05	NA
MW-1	06/28/1996	270,000	NA	2,800	820	1,000	16,000	<0.5	NA	NA	NA	NA	NA	NA	NA	49.13	21.46	27.67	NA	NA
MW-1 (D)	06/28/1996	790,000	NA	2,200	780	1,000	13,000	15,000	NA	NA	NA	NA	NA	NA	NA	49.13	21.46	27.67	NA	NA
MW-1	09/26/1996	29,000	NA	1,100	260	270	1,900	<1,000	NA	NA	NA	NA	NA	NA	NA	49.13	23.57	25.57	0.01	NA
MW-1	09/26/1996	25,000	NA	1,200	320	240	1,900	<1,000	NA	NA	NA	NA	NA	NA	NA	49.13	NA	NA	NA	NA
MW-1	12/10/1996	13,000	NA	510	240	230	1,200	100	NA	NA	NA	NA	NA	NA	NA	49.13	21.43	27.70	NA	1.0
MW-1 (D)	12/10/1996	8,400	NA	420	130	140	680	81	NA	NA	NA	NA	NA	NA	NA	49.13	21.43	27.70	NA	1.0
MW-1	03/10/1997	4,200	NA	13	8.8	16	74	<12	NA	NA	NA	NA	NA	NA	NA	49.13	20.08	29.05	NA	2.0
MW-1 (D)	03/10/1997	5,100	NA	12	8.9	17	79	<25	NA	NA	NA	NA	NA	NA	NA	49.13	20.08	29.05	NA	2.0
MW-1	06/30/1997	5,700	NA	320	120	140	700	47	NA	NA	NA	NA	NA	NA	NA	49.13	21.68	27.45	NA	1.6
MW-1 (D)	06/30/1997	5,300	NA	300	95	120	580	45	NA	NA	NA	NA	NA	NA	NA	49.13	21.68	27.45	NA	1.6
MW-1	09/12/1997	6,300	NA	120	26	82	260	30	NA	NA	NA	NA	NA	NA	NA	49.13	21.78	27.35	NA	2.1
MW-1 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.78	28.35	NA	1.3
MW-1	02/02/1998	84	NA	5.1	<0.50	<0.50	2.1	2.5	NA	NA	NA	NA	NA	NA	NA	49.13	19.65	29.48	NA	2.0
MW-1	06/24/1998	13,000	NA	3,000	260	410	1,400	<250	NA	NA	NA	NA	NA	NA	NA	49.13	19.65	29.48	NA	2.5
MW-1 (D)	06/24/1998	12,000	NA	3,800	250	47	1,400	710	NA	NA	NA	NA	NA	NA	NA	49.13	19.65	29.48	NA	2.5
MW-1	08/26/1998	3,100	NA	1,200	27	170	50	88	NA	NA	NA	NA	NA	NA	NA	49.13	20.49	28.64	NA	2.1
MW-1	12/23/1998	45,000	NA	5,300	220	1,000	3,600	970	NA	NA	NA	NA	NA	NA	NA	49.13	21.22	27.91	NA	3.8
MW-1	03/01/1999	22,300	NA	2,540	436	753	3,370	<400	NA	NA	NA	NA	NA	NA	NA	49.13	19.27	29.86	NA	1.8
MW-1	06/14/1999	18,800	NA	6,820	210	436	958	1,360	NA	NA	NA	NA	NA	NA	NA	49.13	20.80	28.33	NA	2.2
MW-1	09/28/1999	21,500	NA	7,470	281	467	927	1,800	NA	NA	NA	NA	NA	NA	NA	49.13	22.55	26.58	NA	2.0
MW-1	12/08/1999	22,300	NA	6,140	135	256	367	232	NA	NA	NA	NA	NA	NA	NA	49.13	23.12	26.01	NA	2.1
MW-1	03/14/2000	6,690	NA	1,880	63.5	134	307	460	NA	NA	NA	NA	NA	NA	NA	49.13	18.87	30.26	NA	2.3
MW-1	06/28/2000	8,080	NA	2,690	85.1	149	514	701	NA	NA	NA	NA	NA	NA	NA	49.13	21.12	28.01	NA	2.4
MW-1	09/06/2000	17,800	NA	7,390	212	329	1,270	<1,000	NA	NA	NA	NA	NA	NA	NA	49.13	21.90	27.23	NA	3.0
MW-1	12/14/2000	8,900	NA	4,870	79.2	106	370	1,840	673*	NA	NA	NA	NA	NA	NA	49.13	22.60	26.53	NA	2.0
MW-1	03/05/2001	7,520	NA	2,120	66.0	107	129	668	NA	NA	NA	NA	NA	NA	NA	49.13	20.06	29.07	NA	0.4
MW-1	06/11/2001	30,000	NA	7,400	390	600	2,300	NA	170	NA	NA	NA	NA	NA	NA	49.13	22.39	26.74	NA	1.6
MW-1	09/12/2001	23,000	NA	7,500	120	280	910	NA	320	NA	NA	NA	NA	NA	NA	49.13	23.37	25.76	NA	2.2
MW-1	12/27/2001	16,000	NA	2,400	190	330	1,500	NA	350	NA	NA	NA	NA	NA	NA	49.13	20.97	28.16	NA	1.3
MW-1	02/27/2002	26,000	NA	6,100	330	510	2,000	NA	210	NA	NA	NA	NA	NA	NA	49.10	20.47	28.63	NA	1.3
MW-1	06/18/2002	29,000	NA	8,100	280	510	1,800	NA	140	NA	NA	NA	NA	NA	NA	49.10	21.99	27.11	NA	2.2



**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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	09/18/2002	34,000	NA	5,900	350	700	3,000	NA	<250	NA	NA	NA	NA	NA	NA	49.10	23.21	25.89	NA	0.8
MW-1	12/27/2002	7,500	NA	1,200	30	120	410	NA	230	<5.0	<5.0	<5.0	310	31	<5.0	49.10	20.10	29.00	NA	0.6
MW-1	03/05/2003	17,000	NA	1,600	88	400	1,400	NA	230	NA	NA	<10	290	<10	NA	49.10	21.05	28.05	NA	1.7
MW-1	06/24/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.10	NA	NA	NA	NA
MW-1	06/25/2003	14,000	NA	5,300	250	440	2,100	NA	100	NA	NA	<200	<500	<50	NA	49.10	21.93	27.17	NA	0.9
MW-1	09/25/2003	33,000	NA	7,700	250	860	3,400	NA	130	NA	NA	<200	<500	<50	NA	49.10	23.21	25.89	NA	1.7
MW-1	12/15/2003	63,000	NA	14,000	360	1,300	3,900	NA	150	NA	NA	<400	<1000	<100	NA	49.10	22.08	27.02	NA	1.5
MW-1	03/04/2004	28,000	NA	8,000	180	640	2,100	NA	79	NA	NA	<200	<500	<50	NA	49.10	19.85	29.25	NA	0.2
MW-1	05/27/2004	33,000	NA	8,700	260	840	2,700	NA	81	NA	NA	<200	<500	<50	NA	49.10	22.15	26.95	NA	0.2
MW-1	09/24/2004	26,000	NA	5,700	210	830	2,900	NA	<50	<200	<200	<200	<500	<50	<50	49.10	23.69	25.41	NA	1.5
MW-1	11/22/2004	100,000	NA	2,500	920	4,100	22,000	NA	130	NA	NA	<200	<500	<50	NA	49.10	23.19	25.91	NA	NA
MW-1	03/02/2005	110,000	NA	1,300	670	4,000	23,000	NA	87	NA	NA	<100	<500	<25	NA	49.10	19.35	29.75	NA	NA
MW-1	06/30/2005	94,000	NA	6,500	1,100	3,900	21,000	NA	900	NA	NA	<1,000	<2,500	<250	NA	49.10	20.64	28.46	NA	0.6
MW-1	09/20/2005	63,000	NA	3,900	540	2,000	14,000	NA	1,100	<800	<800	<800	<2,000	<200	NA	49.10	22.06	27.04	NA	NA
MW-1	12/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.10	21.90	27.25	0.06	NA
MW-1	03/02/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.10	17.54	31.60	0.05	NA
MW-1 (n)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.10	NA	NA	NA	NA
MW-1 (o)	06/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.10	20.16	28.97	0.04	NA
MW-1	07/06/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.10	20.26	28.86	0.03	NA
MW-2	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	22.22	23.61	NA	NA
MW-2	02/24/1992	17,000	2,700 a	6,200	1,600	550	1,900	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.61	26.22	NA	NA
MW-2	02/27/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.92	25.91	NA	NA
MW-2	03/01/1992	86,000	1,000 a	30,000	34,000	2,300	16,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	21.11	24.72	NA	NA
MW-2	06/03/1992	87,000	NA	28,000	18,000	2,000	10,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	21.58	24.25	NA	NA
MW-2	09/01/1992	110,000	NA	21,000	13,000	1,900	7,800	NA	NA	NA	NA	NA	NA	NA	NA	45.83	23.46	22.37	NA	NA
MW-2	10/06/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	23.99	21.84	NA	NA
MW-2	11/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	24.25	21.58	NA	NA
MW-2	12/04/1992	42,000	NA	15,000	2,400	960	2,900	NA	NA	NA	NA	NA	NA	NA	NA	45.83	23.89	21.94	NA	NA
MW-2	01/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.03	28.80	NA	NA
MW-2	02/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.08	27.75	NA	NA
MW-2	03/03/1993	160,000	NA	36,000	3,800	32,000	21,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.28	28.55	NA	NA
MW-2 (D)	03/03/1993	150,000	NA	31,000	3,100	20,000	14,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.28	28.55	NA	NA

**WELL CONCENTRATIONS**  
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**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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2	05/11/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.41	27.42	NA	NA
MW-2	06/17/1993	65,000	NA	34,000	15,000	3,200	11,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.06	26.77	NA	NA
MW-2 (D)	06/17/1993	62,000	NA	28,000	14,000	2,700	10,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.06	26.77	NA	NA
MW-2	09/10/1993	72,000	NA	24,000	16,000	2,300	11,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	20.88	24.95	NA	NA
MW-2 (D)	09/10/1993	71,000	NA	23,000	15,000	2,300	10,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	20.88	24.95	NA	NA
MW-2	12/13/1993	19,000	NA	5,400	4,900	680	3,100	NA	NA	NA	NA	NA	NA	NA	NA	45.83	20.42	25.41	NA	NA
MW-2 (D)	12/13/1993	17,000	NA	6,200	5,500	720	3,500	NA	NA	NA	NA	NA	NA	NA	NA	45.83	20.42	25.41	NA	NA
MW-2	03/03/1994	110,000	NA	21,000	24,000	2,000	13,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.48	27.35	NA	NA
MW-2 (D)	03/03/1994	93,000	NA	19,000	22,000	1,800	12,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.48	27.35	NA	NA
MW-2	06/06/1994	10,000	NA	1,900	3,300	2,500	13,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	20.26	25.57	NA	NA
MW-2 (D)	06/06/1994	99,000	NA	9,900	12,000	2,400	12,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	20.26	25.57	NA	NA
MW-2	09/12/1994	160,000	NA	22,000	33,000	3,400	23,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	21.80	24.03	NA	NA
MW-2 (D)	09/12/1994	150,000	NA	23,000	34,000	3,500	23,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	21.80	24.03	NA	NA
MW-2	12/19/1994	80,000	NA	17,000	16,000	2,300	14,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.66	26.17	NA	NA
MW-2 (D)	12/19/1994	100,000	NA	28,000	26,000	3,400	20,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.66	26.17	NA	NA
MW-2	02/28/1995	100,000	NA	24,000	18,000	2,300	17,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.51	28.32	NA	NA
MW-2 (D)	02/28/1995	100,000	NA	31,000	21,000	3,200	18,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.51	28.32	NA	NA
MW-2	03/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	14.88	30.95	NA	NA
MW-2	06/26/1995	45,000	NA	14,000	12,000	1,500	7,500	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.58	28.25	NA	NA
MW-2 (D)	06/26/1995	68,000	NA	13,000	11,000	1,800	7,700	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.58	28.25	NA	NA
MW-2	09/13/1995	110,000	NA	19,000	19,000	2,800	15,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.28	26.55	NA	NA
MW-2 (D)	09/13/1995	120,000	NA	20,000	20,000	2,900	15,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.28	26.55	NA	NA
MW-2	12/19/1995	180,000	NA	18,000	29,000	4,100	24,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.61	27.22	NA	NA
MW-2 (D)	12/19/1995	160,000	NA	18,000	28,000	3,800	24,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.61	27.22	NA	NA
MW-2	03/06/1996	120,000	NA	28,000	15,000	3,900	17,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	15.41	30.42	NA	NA
MW-2	06/28/1996	96,000	NA	20,000	20,000	4,100	22,000	2,400	NA	NA	NA	NA	NA	NA	NA	45.83	17.84	27.99	NA	NA
MW-2	09/26/1996	87,000	NA	7,600	11,000	2,500	15,000	990	840	NA	NA	NA	NA	NA	NA	45.83	19.60	26.23	NA	NA
MW-2	12/10/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.15	27.88	0.25	NA
MW-2	03/10/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.02	28.97	0.20	NA
MW-2	06/30/1997	57,000	NA	3,600	4,600	1,300	9,700	2,300	NA	NA	NA	NA	NA	NA	NA	45.83	19.42	26.41	NA	2.4
MW-2	09/12/1997	88,000	NA	7,800	8,800	2,600	16,000	3,200	NA	NA	NA	NA	NA	NA	NA	45.83	19.40	26.43	NA	1.7
MW-2 (D)	09/12/1997	90,000	NA	8,300	9,400	2,700	17,000	3,400	NA	NA	NA	NA	NA	NA	NA	45.83	19.40	26.43	NA	1.7
MW-2 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.56	28.27	NA	1.3

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1784 150th 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2	02/02/1998	<50	NA	0.6	1.9	0.93	6.0	9.3	NA	NA	NA	NA	NA	NA	NA	45.83	18.14	27.69	NA	2
MW-2 (D)	02/02/1998	56	NA	1.0	2.8	1.4	9.3	13	NA	NA	NA	NA	NA	NA	NA	45.83	18.14	27.69	NA	2
MW-2	06/24/1998	20,000	NA	<200	620	560	4,500	<1,000	NA	NA	NA	NA	NA	NA	NA	45.83	16.08	29.75	NA	2.4
MW-2	08/26/1998	22,000	NA	380	1,100	560	4,400	330	NA	NA	NA	NA	NA	NA	NA	45.83	19.25	26.58	NA	NA
MW-2 (D)	08/26/1998	11,000	NA	180	130	290	500	1,400	NA	NA	NA	NA	NA	NA	NA	45.83	19.25	26.58	NA	NA
MW-2	12/23/1998	100,000	NA	4,100	6,500	2,400	16,000	<500	NA	NA	NA	NA	NA	NA	NA	45.83	18.29	27.54	NA	3.8
MW-2	03/01/1999	50,800	NA	3,910	7,480	1,890	13,100	9,620	NA	NA	NA	NA	NA	NA	NA	45.83	22.81	23.02	NA	2.0
MW-2	06/14/1999	4,930	NA	128	270	139	1,040	2,200	2,540*	NA	NA	NA	NA	NA	NA	45.83	18.86	26.97	NA	1.6
MW-2	09/28/1999	16,200	NA	647	1,070	542	4,130	5,320	4,790	NA	NA	NA	NA	NA	NA	45.83	21.41	24.42	NA	1.8
MW-2	12/08/1999	25,700	NA	1,670	2,110	977	6,600	6,190	5,970	NA	NA	NA	NA	NA	NA	45.83	21.89	23.94	NA	1.8
MW-2	03/14/2000	45,100	NA	2,070	4,710	1,920	12,800	16,700	18,300*	NA	NA	NA	NA	NA	NA	45.83	15.57	30.26	NA	2.0
MW-2	06/28/2000	52,100	NA	5,150	4,200	1,880	13,300	15,500	13,500*	NA	NA	NA	NA	NA	NA	45.83	17.79	28.04	NA	1.9
MW-2	09/06/2000	39,500	NA	4,490	3,290	2,100	14,000	18,500	9,060*	NA	NA	NA	NA	NA	NA	45.83	18.65	27.18	NA	3.5
MW-2	12/14/2000	209	NA	3.51	1.11	1.00	64.4	79.4	NA	NA	NA	NA	NA	NA	NA	45.83	19.00	26.83	NA	1.5
MW-2	03/05/2001	38,200	NA	2,010	927	1,250	8,300	13,100	15,400	NA	NA	NA	NA	NA	NA	45.83	16.66	29.17	NA	1.0
MW-2	06/11/2001	50,000	NA	4,400	2,200	1,800	11,000	NA	26,000	NA	NA	NA	NA	NA	NA	45.83	18.93	26.90	NA	1.7
MW-2	09/12/2001	59,000	NA	6,100	2,800	2,300	14,000	NA	21,000	NA	NA	NA	NA	NA	NA	45.83	19.85	25.98	NA	1.6
MW-2	12/27/2001	74,000	NA	8,600	2,500	2,500	17,000	NA	25,000	NA	NA	NA	NA	NA	NA	45.83	17.85	27.98	NA	2.6
MW-2	02/27/2002	70,000	NA	8,100	2,600	2,100	13,000	NA	32,000	NA	NA	NA	NA	NA	NA	45.79	17.15	28.64	NA	2.0
MW-2	06/18/2002	72,000	NA	9,500	3,000	2,200	13,000	NA	29,000	NA	NA	NA	NA	NA	NA	45.79	18.49	27.30	NA	0.6
MW-2	09/18/2002	48,000	NA	7,600	850	1,300	6,300	NA	8,700	NA	NA	NA	NA	NA	NA	45.79	19.95	25.84	NA	1.0
MW-2	12/27/2002	40,000	NA	5,900	1,200	1,400	7,800	NA	19,000	<50	<50	55	10,000	<50	<50	45.79	16.71	29.08	NA	1.0
MW-2	03/05/2003	62,000	NA	13,000	1,400	2,000	7,900	NA	21,000	NA	NA	<50	10,000	<50	NA	45.79	17.72	28.07	NA	1.4
MW-2	06/24/2003	19,000	NA	9,500	530	700	2,900	NA	14,000	NA	NA	<400	6,000	<100	NA	45.79	18.30	27.49	NA	1.4
MW-2	09/25/2003	65,000	NA	24,000	1,500	2,400	9,700	NA	19,000	NA	NA	<1,000	6,400	<250	NA	45.79	20.05	25.74	NA	1.3
MW-2	12/15/2003	67,000	NA	18,000	1,800	1,900	7,200	NA	11,000	NA	NA	<400	3,700	<100	NA	45.79	18.80	26.99	NA	0.1
MW-2	03/04/2004	72,000	NA	27,000	1,200	2,100	7,600	NA	13,000	NA	NA	<400	6,800	<100	NA	45.79	16.75	29.04	NA	0.2
MW-2	05/27/2004	74,000	NA	6,000	2,000	2,500	15,000	NA	19,000	NA	NA	<400	8,500	<100	NA	45.79	18.85	26.94	NA	0.8
MW-2	09/24/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	130	<4.0	<4.0	<4.0	46	19	<1.0	45.79	16.10	29.69	NA	5.1
MW-2	11/22/2004	8,800	NA	1,200	230	350	1,900	NA	2,200	NA	NA	<40	1,300	<10	NA	45.79	19.83	25.96	NA	0.3
MW-2	03/02/2005	960	NA	150	21	30	220	NA	630	NA	NA	<10	460	<2.5	NA	45.79	15.90	29.89	NA	0.5
MW-2	06/30/2005	970	NA	130	19	27	210	NA	320 e	NA	NA	<2.0	220	0.98	NA	45.79	17.14	28.65	NA	0.7
MW-2	09/20/2005	890	NA	320	10	35	190	NA	440	<10	<10	<10	570	<2.5	NA	45.79	18.66	27.13	NA	0.9

**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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2	12/05/2005	690	NA	150	6.1	21	130	NA	450	NA	NA	<5.0	520	<5.0	NA	45.79	18.58	27.21	NA	0.51
MW-2	03/02/2006	11,000 g	NA	2,700 g	150 g	440 g	2,300 g	NA	1,600 g	NA	NA	5.7	3,800 g	<0.50 j	NA	45.79	16.30	29.49	NA	1.2
MW-2 (n)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.79	NA	NA	NA	NA
MW-2 (o)	06/30/2006	3,870	NA	177	33.1	55.5	311	NA	1,560	NA	NA	4.90	1,180	<0.500	NA	45.79	16.72	29.07	NA	0.58
MW-2	07/06/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.79	16.86	28.93	NA	NA
MW-3	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	27.97	24.00	NA	NA
MW-3	02/24/1992	4,500	1,300a	97	<5	78	18	NA	NA	NA	NA	NA	NA	NA	NA	51.97	25.60	26.37	NA	NA
MW-3	02/27/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	25.88	26.09	NA	NA
MW-3	03/01/1992	2,200	440	69	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	26.00	25.97	NA	NA
MW-3	06/03/1992	4,100	NA	13	72	44	65	NA	NA	NA	NA	NA	NA	NA	NA	51.97	27.70	24.27	NA	NA
MW-3	09/01/1992	1,900	NA	20	6.8	5.5	<5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	29.46	22.51	NA	NA
MW-3 (D)	09/01/1992	1,900	NA	21	6.6	3.4	<5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	29.46	22.51	NA	NA
MW-3	10/06/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	30.01	21.96	NA	NA
MW-3	11/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	30.26	21.71	NA	NA
MW-3	12/04/1992	2,400	NA	8.2	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	29.93	22.04	NA	NA
MW-3 (D)	12/04/1992	2,100	NA	11	<0.5	5.7	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	29.93	22.04	NA	NA
MW-3	01/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	22.76	29.21	NA	NA
MW-3	02/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	21.40	30.57	NA	NA
MW-3	03/03/1993	5,100	NA	63	61	75	150	NA	NA	NA	NA	NA	NA	NA	NA	51.97	23.08	28.89	NA	NA
MW-3	05/11/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	24.51	27.46	NA	NA
MW-3	06/17/1993	4,000	NA	94	140	82	150	NA	NA	NA	NA	NA	NA	NA	NA	51.97	25.21	26.76	NA	NA
MW-3	09/10/1993	3,200	NA	140	12.5	12.5	12.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	26.95	25.02	NA	NA
MW-3	12/13/1993	6,200	NA	<12.5	<12.5	<12.5	<12.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	26.52	25.45	NA	NA
MW-3	03/03/1994	4,500	NA	73	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	24.50	27.47	NA	NA
MW-3	06/06/1994	3,200	NA	<0.5	<0.5	3.1	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	26.33	25.64	NA	NA
MW-3	09/12/1994	3,900	NA	<0.5	<0.5	9.6	4.1	NA	NA	NA	NA	NA	NA	NA	NA	51.97	27.98	23.99	NA	NA
MW-3	12/19/1994	2,400	NA	21	22	4.2	2.6	NA	NA	NA	NA	NA	NA	NA	NA	51.97	25.63	26.34	NA	NA
MW-3	02/28/1995	4,000	NA	58	<0.5	7.1	3.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	23.45	28.52	NA	NA
MW-3	03/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	21.07	30.90	NA	NA
MW-3	06/26/1995	3,900	NA	8.1	<0.5	12	2.4	NA	NA	NA	NA	NA	NA	NA	NA	51.97	23.64	28.33	NA	NA
MW-3	09/13/1995	4,100	NA	58	5.5	5.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	25.40	26.57	NA	NA
MW-3	12/19/1995	3,600	NA	<0.5	4.3	2.1	1.1	NA	NA	NA	NA	NA	NA	NA	NA	51.97	24.53	27.44	NA	NA

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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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	03/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	21.59	30.41	0.04	NA
MW-3	06/28/1996	2,400	NA	55	<0.5	<0.5	11	120	NA	NA	NA	NA	NA	NA	NA	51.97	23.95	28.02	NA	NA
MW-3	09/26/1996	2,500	NA	<5.0	<5.0	<5.0	<5.0	160	NA	NA	NA	NA	NA	NA	NA	51.97	25.89	26.08	NA	NA
MW-3	12/10/1996	1,600	NA	28	4.2	<2.0	3.9	110	NA	NA	NA	NA	NA	NA	NA	51.97	24.22	27.75	NA	0.8
MW-3	03/10/1997	130	NA	<0.50	<0.50	<0.50	1.4	4.2	NA	NA	NA	NA	NA	NA	NA	51.97	23.05	28.92	NA	2.8
MW-3	06/30/1997	1,200	NA	21	2.3	<2.0	<2.0	69	NA	NA	NA	NA	NA	NA	NA	51.97	24.34	27.63	NA	2.3
MW-3	09/12/1997	440	NA	8.3	0.82	<0.50	1.9	3.4	NA	NA	NA	NA	NA	NA	NA	51.97	24.47	27.50	NA	1.9
MW-3 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	23.54	28.43	NA	0.8
MW-3	02/02/1998	400	NA	9.3	0.68	<0.50	<0.50	9	NA	NA	NA	NA	NA	NA	NA	51.97	21.92	30.05	NA	1.5
MW-3	06/24/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	51.97	22.35	29.62	NA	1.9
MW-3	08/26/1998	140	NA	7.4	<0.50	<0.50	2.5	13	NA	NA	NA	NA	NA	NA	NA	51.97	23.45	28.52	NA	1.3
MW-3	12/23/1998	1,200	NA	50	<2.0	<2.0	<2.0	69	NA	NA	NA	NA	NA	NA	NA	51.97	24.01	27.96	NA	4.2
MW-3	03/01/1999	2,550	NA	<0.500	<0.500	<0.500	0.658	32.4	NA	NA	NA	NA	NA	NA	NA	51.97	22.08	29.89	NA	2.0
MW-3	06/14/1999	514	NA	18.1	0.728	<0.500	<0.500	15.9	NA	NA	NA	NA	NA	NA	NA	51.97	23.15	28.82	NA	1.7
MW-3	09/28/1999	1,180	NA	<1.00	<1.00	<1.00	<1.00	<10.0	NA	NA	NA	NA	NA	NA	NA	51.97	25.36	26.61	NA	1.2
MW-3	12/08/1999	1,740	NA	71.5	23.0	24.2	61.3	103	NA	NA	NA	NA	NA	NA	NA	51.97	25.75	26.22	NA	2.0
MW-3	03/14/2000	1,410	NA	5.63	35.6	<5.00	8.41	38.7	NA	NA	NA	NA	NA	NA	NA	51.97	21.64	30.33	NA	2.1
MW-3	06/28/2000	2,460	NA	<5.00	9.48	<5.00	28.4	64.0	NA	NA	NA	NA	NA	NA	NA	51.97	23.84	28.13	NA	2.87
MW-3	09/06/2000	887	NA	<1.00	<1.00	<1.00	<1.00	<10.0	NA	NA	NA	NA	NA	NA	NA	51.97	24.73	27.24	NA	2.0
MW-3	12/14/2000	955	NA	25.4	1.96	<0.500	1.13	10.2	NA	NA	NA	NA	NA	NA	NA	51.97	25.45	26.52	NA	2.1
MW-3	03/05/2001	2,100	NA	4.90	56.5	<2.00	3.62	261	NA	NA	NA	NA	NA	NA	NA	51.97	22.83	29.14	NA	0.8
MW-3	06/11/2001	2,000	NA	1.0	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	51.97	25.20	26.77	NA	0.7
MW-3	09/12/2001	1,500	NA	0.50	0.54	<0.50	1.8	NA	<5.0	NA	NA	NA	NA	NA	NA	51.97	26.15	25.82	NA	1.5
MW-3	12/27/2001	2,100	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	51.97	23.67	28.30	NA	1.9
MW-3	02/27/2002	2,300	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	51.92	23.23	28.69	NA	1.5
MW-3	06/18/2002	2,000	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	51.92	24.74	27.18	NA	2.0
MW-3	09/18/2002	2,600	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	51.92	26.05	25.87	NA	1.4
MW-3	12/27/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	NA	NA	NA	NA
MW-3	03/05/2003	2,300	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	<2.0	<50	13	NA	51.92	23.84	28.08	NA	1.3
MW-3	06/24/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	NA	NA	NA	NA
MW-3	06/25/2003	1,800 c	NA	0.71	<0.50	<0.50	<1.0	NA	0.54	NA	NA	<2.0	<5.0	1.1	NA	51.92	24.48	27.44	NA	1.3
MW-3	09/25/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	25.99	25.93	NA	NA
MW-3	12/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	24.94	26.98	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1784 150th 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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MW-3	03/04/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	22.50	29.42	NA	NA
MW-3	05/27/2004	2,500	NA	<0.50	<0.50	<0.50	<1.0	NA	1.1	NA	NA	<2.0	<5.0	0.82	NA	51.92	24.94	26.98	NA	0.5
MW-3	09/24/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	26.55	25.37	NA	NA
MW-3	11/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	25.92	26.00	NA	NA
MW-3	03/02/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	22.12	29.80	NA	NA
MW-3	06/30/2005	3,700	NA	<2.0	2.4	<2.0	<4.0	NA	<2.0	<8.0	<8.0	<8.0	<20	<2.0	NA	51.92	23.31	28.61	NA	1.2
MW-3	09/20/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	24.78	27.14	NA	NA
MW-3	12/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	24.65	27.27	NA	NA
MW-3	03/02/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	22.56	29.36	NA	NA
MW-3 (n)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	NA	NA	NA	NA
MW-3 (o)	06/30/2006	1,580	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	5.95	NA	51.92	22.89	29.03	NA	0.49
MW-3	07/06/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	22.99	28.93	NA	NA

MW-4	03/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	40.51	9.16	31.35	NA	NA
MW-4	06/26/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	40.51	12.06	28.45	NA	NA
MW-4	09/13/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	40.51	13.90	26.61	NA	NA
MW-4	12/19/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	40.51	12.90	27.61	NA	NA
MW-4	03/06/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	40.51	9.63	30.88	NA	NA
MW-4	06/28/1996	40	NA	<0.5	0.59	0.97	3.8	26	NA	NA	NA	NA	NA	NA	NA	40.51	12.30	28.21	NA	NA
MW-4	09/26/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	14.12	26.39	NA	NA
MW-4	12/10/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	12.31	28.20	NA	1.2
MW-4	03/10/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	11.34	29.17	NA	NA
MW-4	06/30/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	13.80	26.71	NA	1.9
MW-4	09/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	13.99	26.52	NA	1.7
MW-4 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.51	12.02	28.49	NA	1.8
MW-4	02/02/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	11.23	29.28	NA	1
MW-4	06/24/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	10.58	29.93	NA	1.9
MW-4	08/26/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	11.75	28.76	NA	1.2
MW-4	12/23/1998	<50	NA	0.60	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	12.41	28.10	NA	4.2
MW-4	03/01/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	NA	NA	NA	40.51	10.38	30.13	NA	2.1
MW-4	06/14/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	40.51	11.91	28.60	NA	2.4
MW-4	09/28/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	40.51	10.19	30.32	NA	2.2
MW-4	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	40.51	10.67	29.84	NA	1.8

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1784 150th 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-4	03/14/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	40.51	9.95	30.56	NA	2.5
MW-4	06/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	40.51	12.22	28.29	NA	0.9
MW-4	09/06/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.51	13.17	27.34	NA	3.0
MW-4	12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.51	8.65	31.86	NA	NA
MW-4	03/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.51	11.07	29.44	NA	NA
MW-4	06/11/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	40.51	13.62	26.89	NA	1.3
MW-4	09/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.51	14.61	25.90	NA	NA
MW-4	12/27/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.51	12.19	28.32	NA	NA
MW-4	02/27/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	11.64	28.81	NA	NA
MW-4	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	40.45	13.22	27.23	NA	0.6
MW-4	09/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	14.46	25.99	NA	NA
MW-4	12/27/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	11.23	29.22	NA	NA
MW-4	03/05/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	12.22	28.23	NA	NA
MW-4	06/24/2003	57 c	NA	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	NA	NA	40.45	12.79	27.66	NA	1.6
MW-4	09/25/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	14.45	26.00	NA	NA
MW-4	12/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	13.24	27.21	NA	NA
MW-4	03/04/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	10.93	29.52	NA	NA
MW-4	05/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	40.45	13.42	27.03	NA	0.5
MW-4	09/24/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	15.11	25.34	NA	NA
MW-4	11/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	14.42	26.03	NA	NA
MW-4	03/02/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	10.17	30.28	NA	NA
MW-4	06/30/2005	<50 d	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	40.45	11.60	28.85	NA	0.8
MW-4	09/20/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	13.18	27.27	NA	NA
MW-4	12/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	13.08	27.37	NA	NA
MW-4	03/02/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	10.62	29.83	NA	NA
MW-4 (n)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	NA	NA	NA	NA
MW-4 (o)	06/30/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	NA	40.45	11.20	29.25	NA	0.44
MW-4	07/06/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	11.22	29.23	NA	NA
MW-5	01/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.46	12.82	28.64	NA	NA
MW-5	02/27/2002	190	NA	<0.50	<0.50	0.85	1.5	NA	<5.0	NA	NA	NA	NA	NA	NA	41.46	12.85	28.61	NA	1.9
MW-5	06/18/2002	650	NA	1.4	3.0	52	28	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	13.65	27.81	NA	0.8
MW-5	09/18/2002	390	NA	0.72	0.51	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	41.46	15.57	25.89	NA	1.1

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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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-5	12/27/2002	380	NA	<0.50	<0.50	0.56	<0.50	NA	<0.50	<2.0	<2.0	<2.0	<50	<2.0	<2.0	41.46	12.51	28.95	NA	1.9
MW-5	03/05/2003	290	NA	<0.50	1.7	9.4	22	NA	<5.0	NA	NA	NA	NA	NA	NA	41.46	13.39	28.07	NA	2.6
MW-5	06/24/2003	220	NA	<0.50	1.0	19	1.3	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	13.91	27.55	NA	1.7
MW-5	09/25/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	15.58	25.88	NA	2.1
MW-5	12/15/2003	200 c	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	14.45	27.01	NA	0.21
MW-5	03/04/2004	170 c	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	12.52	28.94	NA	0.1
MW-5	05/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	14.49	26.97	NA	0.5
MW-5	09/24/2004	<50	NA	0.71	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	41.46	16.08	25.38	NA	1.7
MW-5	11/22/2004	<50 d	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	15.48	25.98	NA	0.3
MW-5	03/02/2005	190	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	<2.0	<10	<0.50	NA	41.46	11.52	29.94	NA	0.4
MW-5	06/30/2005	3,200	NA	<5.0	25	200	270	NA	<5.0	NA	NA	NA	NA	NA	NA	41.46	12.33	29.13	NA	0.9
MW-5	09/20/2005	310	NA	<0.50	1.3	47	2.5	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	41.46	14.36	27.10	NA	0.5
MW-5	12/05/2005	250	NA	<0.50	0.94	26	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	14.25	27.21	NA	0.58
MW-5	03/02/2006	3,000 g	NA	<0.50	17	230 g	390 g	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	11.87	29.59	NA	0.7
MW-5 (n)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.46	NA	NA	NA	NA
MW-5 (o)	06/30/2006	729	NA	<0.500	1.00	43.2	21.7	NA	<0.500	NA	NA	NA	NA	NA	NA	41.46	12.49	28.97	NA	0.67
MW-5	07/06/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.46	12.58	28.88	NA	NA
MW-6	01/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.50	3.88	37.62	NA	NA
MW-6	01/31/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.50	12.43	29.07	NA	NA
MW-6	02/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	41.50	12.82	28.68	NA	4.1
MW-6	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	4.26	37.24	NA	3.9
MW-6	09/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	41.50	5.26	36.24	NA	4.2
MW-6	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<2.0	<2.0	<2.0	<50	<2.0	<2.0	41.50	12.11	29.39	NA	3.0
MW-6	03/05/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	41.50	13.47	28.03	NA	4.9
MW-6	06/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	13.71	27.79	NA	5.8
MW-6	09/25/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.50	NA	NA	NA	NA
MW-6	12/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	13.17	28.33	NA	5.7
MW-6	03/04/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	11.15	30.35	NA	1.0
MW-6	05/27/2004	<50	NA	0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	13.68	27.82	NA	1.0
MW-6	09/24/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	10.71	30.79	NA	3.1
MW-6	11/22/2004	<50 d	NA	0.65	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	7.60	33.90	NA	6.5
MW-6	03/02/2005	<100	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	<2.0	<10	<0.50	NA	41.50	6.77	34.73	NA	6.2



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MW-6	06/30/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	12.87	28.63	NA	1.2
MW-6	09/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	14.16	27.34	NA	5.5
MW-6	12/05/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	14.23	27.27	NA	2.40
MW-6	03/02/2006	58 i	NA	<0.50	<0.50	0.73	1.5	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	11.40	30.10	NA	1.2
MW-6 (m)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.50	12.49	29.01	NA	0.41
MW-6 (o)	06/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.50	12.35	29.15	NA	NA
MW-6 (p)	07/06/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	41.50	12.66	28.84	NA	0.30
MW-7	10/21/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.45	18.90	25.55	NA	NA
MW-7	12/27/2002	49,000	NA	830	980	2,000	5,200	NA	<10	<10	<10	<10	<100	<10	<10	44.45	15.43	29.02	NA	2.1
MW-7	03/05/2003	32,000	NA	370	490	1,600	2,900	NA	<100	NA	NA	NA	NA	NA	NA	44.45	16.34	28.11	NA	2.6
MW-7	06/24/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.45	NA	NA	NA	NA
MW-7	09/25/2003	8,700	NA	57	34	450	290	NA	<5.0	NA	NA	NA	NA	NA	NA	44.45	18.36	26.09	NA	1.2
MW-7	12/15/2003	27,000	NA	170	260	1,200	1,500	NA	<10	NA	NA	NA	NA	NA	NA	44.45	17.44	27.01	NA	1.3
MW-7	03/04/2004	13,000	NA	200	190	1,200	1,200	NA	<5.0	NA	NA	NA	NA	NA	NA	44.45	15.45	29.00	NA	0.1
MW-7	05/27/2004	16,000	NA	76	56	860	420	NA	<5.0	NA	NA	NA	NA	NA	NA	44.45	17.50	26.95	NA	0.5
MW-7	09/24/2004	8,400	NA	26	14	340	200	NA	<5.0	<20	<20	<20	<50	NA	NA	44.45	18.94	25.51	NA	1.1
MW-7	11/22/2004	14,000	NA	92	60	790	730	NA	<5.0	NA	NA	NA	NA	NA	NA	44.45	18.47	25.98	NA	0.2
MW-7	03/02/2005	13,000	NA	130	140	740	980	NA	<10	NA	NA	<20	<100	<5.0	NA	44.45	14.53	29.92	NA	0.7
MW-7	06/30/2005	9,900	NA	27	48	380	520	NA	<10	NA	NA	NA	NA	NA	NA	44.45	15.92	28.53	NA	0.9
MW-7	09/20/2005	7,700	NA	30	53	380	570	NA	<5.0	36	<20	<20	<50	NA	NA	44.45	17.28	27.17	NA	1.4
MW-7	12/05/2005	2,900	NA	20	<2.5	270	19	NA	<2.5	NA	NA	NA	NA	NA	NA	44.45	17.40	27.05	NA	0.56
MW-7	03/02/2006	3,900 g	NA	27	31	240 g	190	NA	1.1	NA	NA	NA	NA	NA	NA	44.45	15.00	29.45	NA	0.9
MW-7 (n)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.45	NA	NA	NA	NA
MW-7 (o)	06/30/2006	10,800	NA	13.8	49.4	474	640	NA	<0.500	NA	NA	NA	NA	NA	NA	44.45	15.35	29.10	NA	0.54
MW-7 (p)	07/06/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.45	15.41	29.04	NA	NA
MW-8	10/21/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43.27	17.70	25.57	NA	NA
MW-8	12/27/2002	30,000	NA	280	220	2,000	5,300	NA	<10	<10	<10	<10	<100	<10	<10	43.27	14.25	29.02	NA	1.2
MW-8	03/05/2003	30,000	NA	220	150	2,100	4,200	NA	<100	NA	NA	NA	NA	NA	NA	43.27	15.36	27.91	NA	1.3
MW-8	06/24/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43.27	NA	NA	NA	NA
MW-8	09/25/2003	26,000	NA	240	53	1,600	2,600	NA	<50	NA	NA	NA	NA	NA	NA	43.27	17.43	25.84	NA	1.0
MW-8	12/15/2003	38,000	NA	290	140	2,200	5,200	NA	<13	NA	NA	NA	NA	NA	NA	43.27	16.24	27.03	NA	0.4

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1784 150th 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-8	03/04/2004	19,000	NA	180	95	1,400	3,900	NA	<13	NA	NA	NA	NA	NA	NA	43.27	14.63	28.64	NA	0.1
MW-8	05/27/2004	19,000	NA	230	41	1,100	2,200	NA	<13	NA	NA	NA	NA	NA	NA	43.27	16.41	26.86	NA	0.5
MW-8	09/24/2004	21,000	NA	270	42	1,200	2,600	NA	<13	<50	<50	<50	<130	NA	NA	43.27	18.10	25.17	NA	0.7
MW-8	11/22/2004	24,000	NA	200	64	1,400	4,100	NA	<13	NA	NA	NA	NA	NA	NA	43.27	17.28	25.99	NA	1.0
MW-8	03/02/2005	16,000	NA	100	44	890	2,300	NA	<10	NA	NA	<20	<100	<5.0	NA	43.27	13.35	29.92	NA	0.6
MW-8	06/30/2005	19,000	NA	110	41	700	2,100	NA	<10	NA	NA	NA	NA	NA	NA	43.27	14.91	28.36	NA	0.8
MW-8	09/20/2005	10,000	NA	86	25	600	1,400	NA	<10	<40	<40	<40	<100	NA	NA	43.27	16.11	27.16	NA	0.8
MW-8	12/05/2005	9,900	NA	130	16	600	1,300	NA	<10	NA	NA	NA	NA	NA	NA	43.27	16.20	27.07	NA	0.56
MW-8	03/02/2006	13,000 g	NA	130 g	45	790 g	2,000 g	NA	0.54	NA	NA	NA	NA	NA	NA	43.27	14.28	28.99	NA	1.1
MW-8 (n)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43.27	NA	NA	NA	NA
MW-8 (o)	06/30/2006	14,900	NA	71.8	14.1	622	1,390	NA	<0.500	NA	NA	NA	NA	NA	NA	43.27	14.18	29.09	NA	0.50
MW-8	07/06/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43.27	14.39	28.88	NA	NA
MW-9	12/10/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.65	15.15	26.50	NA	NA
MW-9	12/15/2003	<50	NA	<0.50	<0.50	<0.50	1.3	NA	2.5	NA	NA	NA	NA	NA	NA	41.65	14.48	27.17	NA	0.9
MW-9	03/04/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.65	12.15	29.50	NA	0.2
MW-9	05/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.65	14.55	27.10	NA	0.5
MW-9	09/24/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	41.65	16.37	25.28	NA	1.0
MW-9	11/22/2004	<50 d	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.65	15.62	26.03	NA	0.3
MW-9	03/02/2005	100	NA	<0.50	<1.0	1.4	3.8	NA	<1.0	NA	NA	<2.0	<10	<0.50	NA	41.65	11.40	30.25	NA	0.4
MW-9	06/30/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.65	12.70	28.95	NA	1.3
MW-9	09/20/2005	<50	NA	<0.50	<0.50	<0.50	1.8	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	41.65	14.38	27.27	NA	1.2
MW-9	12/05/2005	<50	NA	<0.50	<0.50	<0.50	0.65	NA	<0.50	NA	NA	NA	NA	NA	NA	41.65	14.25	27.40	NA	1.13
MW-9	03/02/2006	<50 h	NA	<0.50	<0.50	<0.50 h	<0.50 h	NA	<0.50	NA	NA	NA	NA	NA	NA	41.65	11.87	29.78	NA	0.9
MW-9 (m)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.65	12.35	29.30	NA	0.55
MW-9 (o)	06/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.65	12.37	29.28	NA	NA
MW-9 (p)	07/06/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	41.65	12.46	29.19	NA	0.58
MW-10	12/10/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50.64	24.33	26.31	NA	NA
MW-10	12/15/2003	6,400	NA	3.1	<1.0	33	20	NA	<1.0	NA	NA	<4.0	<10	<1.0	NA	50.64	23.58	27.06	NA	0.3
MW-10	03/04/2004	1,400	NA	1.2	<1.0	16	3.4	NA	<1.0	NA	NA	<4.0	<10	<1.0	NA	50.64	21.20	29.44	NA	0.1
MW-10	05/27/2004	810	NA	<1.0	<1.0	8.3	<2.0	NA	<1.0	NA	NA	<4.0	<10	<1.0	NA	50.64	23.63	27.01	NA	0.5
MW-10	09/24/2004	790	NA	1.2	<1.0	7.3	<2.0	NA	<1.0	<4.0	<4.0	<4.0	<10	<1.0	<1.0	50.64	25.30	25.34	NA	1.5

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1784 150th 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-10	11/22/2004	1,100	NA	1.1	<0.50	17	<1.0	NA	<0.50	NA	NA	<2.0	<5.0	<0.50	NA	50.64	24.62	26.02	NA	0.4
MW-10	03/02/2005	920	NA	0.60	<1.0	3.5	<1.0	NA	<1.0	NA	NA	<2.0	<10	<0.50	NA	50.64	20.72	29.92	NA	0.4
MW-10	06/30/2005	470 f	NA	<0.50	<0.50	1.4	<1.0	NA	<0.50	NA	NA	<2.0	<5.0	<0.50	NA	50.64	21.48	29.16	NA	1.4
MW-10	09/20/2005	420	NA	<0.50	<0.50	1.2	2.1	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	NA	50.64	23.45	27.19	NA	2.0
MW-10	12/05/2005	420	NA	<0.50	<0.50	1.1	<0.50	NA	<0.50	NA	NA	<0.50	<5.0	<0.50	NA	50.64	23.42	27.22	NA	0.97
MW-10	03/02/2006	230 h	NA	<0.50 h	<0.50	0.83 h	<0.50 h	NA	<0.50	NA	NA	<0.50	<5.0 h	<0.50 j	NA	50.64	21.13	29.51	NA	1.1
MW-10 (n)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50.64	NA	NA	NA	NA
MW-10 (o)	06/30/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	<0.500	<10.0	<0.500	NA	50.64	21.49	29.15	NA	0.37
MW-10	07/06/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50.64	21.60	29.04	NA	NA
MW-11	12/10/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.58	19.10	26.48	NA	NA
MW-11	12/15/2003	110,000	NA	9,900	3,300	3,900	23,000	NA	20,000	NA	NA	<800	18,000	<200	NA	45.58	18.50	27.08	NA	0.3
MW-11	03/04/2004	68,000	NA	5,300	3,000	3,600	23,000	NA	8,300	NA	NA	<200	12,000	<50	NA	45.58	16.67	28.91	NA	0.1
MW-11	05/27/2004	86,000	NA	8,500	3,200	13,000	22,000	NA	25,000	NA	NA	<400	18,000	<100	NA	45.58	18.60	26.98	NA	1.6
MW-11	09/24/2004	63,000	NA	7,200	2,000	3,000	15,000	NA	26,000	<400	<400	<400	17,000	<100	<100	45.58	20.22	25.36	NA	2.2
MW-11	11/22/2004	96,000	NA	7,100	3,700	2,800	15,000	NA	20,000	NA	NA	<400	14,000	<100	NA	45.58	19.56	26.02	NA	0.3
MW-11	03/02/2005	63,000	NA	6,200	6,800	2,200	15,000	NA	16,000	NA	NA	<200	7,800	<50	NA	45.58	15.75	29.83	NA	4.6
MW-11	06/30/2005	100,000	NA	4,200	18,000	3,800	25,000	NA	2,500	NA	NA	<400	3,400	<100	NA	45.58	16.92	28.66	NA	1.0
MW-11	09/20/2005	65,000	NA	3,800	10,000	3,100	19,000	NA	3,900	<400	<400	<400	4,600	<100	NA	45.58	18.43	27.15	NA	NA
MW-11	12/05/2005	69,000	NA	4,000	10,000	3,100	16,000	NA	7,400	NA	NA	<50	4,400	<50	NA	45.58	18.26	27.32	NA	0.70
MW-11	03/02/2006	76,000 g	NA	4,000 g	13,000 g	2,900 g	16,000 g	NA	6,100 g	NA	NA	36	420 k	<0.50 j	NA	45.58	16.13	29.45	NA	0.9
MW-11	04/19/2006	116,000	NA	4,780	12,000	3,280	20,200	NA	5,550	NA	NA	34.6	4,010	<0.500	NA	45.58	15.30	30.28	NA	0.86
MW-11	05/01/2006	129,000	NA	4,180	15,100	3,180	18,700	NA	4,510	NA	NA	28.9	3,130	92.1	NA	45.58	15.43	30.15	NA	0.97
MW-11 (n)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.58	NA	NA	NA	NA
MW-11 (o)	06/30/2006	119,000	NA	4,420	11,300	2,650	17,200	NA	4,490	NA	NA	22.8	2,700	<0.500	NA	45.58	15.49	30.09	NA	0.49
MW-11	07/06/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.58	16.61	28.97	NA	NA
MW-12	06/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.10	14.75	29.35	NA	NA
MW-12 (n)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.10	NA	NA	NA	NA
MW-12 (o)	06/30/2006	95,000	NA	3,930	8,900	2,110	10,400	NA	<0.500	NA	NA	NA	NA	NA	NA	44.10	15.00	29.10	NA	0.62
MW-12	07/06/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.10	15.10	29.00	NA	NA
MW-13	06/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.59	12.10	29.49	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1784 150th 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-13 (m)	06/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.59	12.47	29.12	NA	0.61
MW-13 (o)	06/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.59	12.25	29.34	NA	NA
MW-13 (p)	07/06/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	NA	41.59	12.35	29.24	NA	0.24

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 11, 2001, analyzed by EPA Method 8015.

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 11, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

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

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

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

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260

1,2-DCA = 1,2-dichloroethane, analyzed by EPA Method 8260

EDB = 1,2-dibromomethane or ethylene dibromide, analyzed by EPA Method 8260

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = Parts per billion

ppm = Parts per million

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**1784 150th 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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Notes:

- a = Chromatogram pattern indicates an unidentified hydrocarbon.
  - b = Samples not analyzed due to laboratory oversight.
  - c = Hydrocarbon does not match pattern of laboratory's standard.
  - d = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
  - e = Estimated value. The concentration exceeded the calibration of analysis.
  - f = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
  - g = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for dilution was performed past the recommended hold time.
  - h = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for confirmation was performed past the recommended hold time.
  - i = The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
  - j = Result was reported with a possible low bias due to the continuing calibration verification falling outside the acceptance criteria.
  - k = The result was reported with a possible low bias due to the continuing calibration verification falling outside the acceptance criteria.
  - m = Well resampled on July 6, 2006 due to laboratory error.
  - n = Well not accessed due to equipment malfunction.
  - o = All wells regauged on June 30, 2006 prior to sampling.
  - p = Wells resampled for 2Q06 event due to laboratory error.
  - \* = Sample analyzed out of EPA recommended hold time.
- Site surveyed January 23, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.  
 Survey data for wells MW-7 and MW-8 provided by Cambria Environmental Technology.  
 Wells MW-9, MW-10, and MW-11 surveyed December 11, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.  
 Wells MW-12 and MW-13 surveyed on June 9, 2006 by Virgil Chavez Land Surveying of Vallejo, CA.

July 25, 2006

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

Work Order: NPG0954  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Nbr: SAP 136019  
P/O Nbr: 98996068  
Date Received: 07/11/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-6	NPG0954-01	07/06/06 13:00
MW-9	NPG0954-02	07/06/06 09:28
MW-13	NPG0954-03	07/06/06 09:55

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

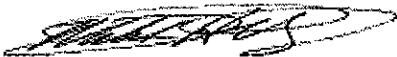
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The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

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Report Approved By:



Mark Hollingsworth  
Director of Project Management

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

Work Order: NPG0954  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/11/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPG0954-01 (MW-6 - Water) Sampled: 07/06/06 13:00</b>								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	07/16/06 02:16	SW846 8260B	6072513
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	07/16/06 02:16	SW846 8260B	6072513
Ethylbenzene	ND		ug/L	0.500	1	07/16/06 02:16	SW846 8260B	6072513
Toluene	ND		ug/L	0.500	1	07/16/06 02:16	SW846 8260B	6072513
Xylenes, total	ND		ug/L	0.500	1	07/16/06 02:16	SW846 8260B	6072513
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>103 %</i>					<i>07/16/06 02:16</i>	<i>SW846 8260B</i>	<i>6072513</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>110 %</i>					<i>07/16/06 02:16</i>	<i>SW846 8260B</i>	<i>6072513</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>91 %</i>					<i>07/16/06 02:16</i>	<i>SW846 8260B</i>	<i>6072513</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>87 %</i>					<i>07/16/06 02:16</i>	<i>SW846 8260B</i>	<i>6072513</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	07/16/06 02:16	CA LUFT GC/MS	6072513
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	<i>103 %</i>					<i>07/16/06 02:16</i>	<i>CA LUFT GC/MS</i>	<i>6072513</i>
<i>Surr: Dibromofluoromethane (0-200%)</i>	<i>110 %</i>					<i>07/16/06 02:16</i>	<i>CA LUFT GC/MS</i>	<i>6072513</i>
<i>Surr: Toluene-d8 (0-200%)</i>	<i>91 %</i>					<i>07/16/06 02:16</i>	<i>CA LUFT GC/MS</i>	<i>6072513</i>
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	<i>87 %</i>					<i>07/16/06 02:16</i>	<i>CA LUFT GC/MS</i>	<i>6072513</i>
<b>Sample ID: NPG0954-02 (MW-9 - Water) Sampled: 07/06/06 09:28</b>								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	07/16/06 02:41	SW846 8260B	6072513
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	07/16/06 02:41	SW846 8260B	6072513
Ethylbenzene	ND		ug/L	0.500	1	07/16/06 02:41	SW846 8260B	6072513
Toluene	ND		ug/L	0.500	1	07/16/06 02:41	SW846 8260B	6072513
Xylenes, total	ND		ug/L	0.500	1	07/16/06 02:41	SW846 8260B	6072513
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>105 %</i>					<i>07/16/06 02:41</i>	<i>SW846 8260B</i>	<i>6072513</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>110 %</i>					<i>07/16/06 02:41</i>	<i>SW846 8260B</i>	<i>6072513</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>91 %</i>					<i>07/16/06 02:41</i>	<i>SW846 8260B</i>	<i>6072513</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>87 %</i>					<i>07/16/06 02:41</i>	<i>SW846 8260B</i>	<i>6072513</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	07/16/06 02:41	CA LUFT GC/MS	6072513
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	<i>105 %</i>					<i>07/16/06 02:41</i>	<i>CA LUFT GC/MS</i>	<i>6072513</i>
<i>Surr: Dibromofluoromethane (0-200%)</i>	<i>110 %</i>					<i>07/16/06 02:41</i>	<i>CA LUFT GC/MS</i>	<i>6072513</i>
<i>Surr: Toluene-d8 (0-200%)</i>	<i>91 %</i>					<i>07/16/06 02:41</i>	<i>CA LUFT GC/MS</i>	<i>6072513</i>
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	<i>87 %</i>					<i>07/16/06 02:41</i>	<i>CA LUFT GC/MS</i>	<i>6072513</i>
<b>Sample ID: NPG0954-03 (MW-13 - Water) Sampled: 07/06/06 09:55</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	07/16/06 03:06	SW846 8260B	6072513
Benzene	ND		ug/L	0.500	1	07/16/06 03:06	SW846 8260B	6072513
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	07/16/06 03:06	SW846 8260B	6072513
Diisopropyl Ether	ND		ug/L	0.500	1	07/16/06 03:06	SW846 8260B	6072513
Ethylbenzene	ND		ug/L	0.500	1	07/16/06 03:06	SW846 8260B	6072513
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	07/16/06 03:06	SW846 8260B	6072513
Toluene	ND		ug/L	0.500	1	07/16/06 03:06	SW846 8260B	6072513
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	07/16/06 03:06	SW846 8260B	6072513

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
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 Project Number: SAP 136019  
 Received: 07/11/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPG0954-03 (MW-13 - Water) - cont. Sampled: 07/06/06 09:55</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Xylenes, total	ND		ug/L	0.500	1	07/16/06 03:06	SW846 8260B	6072513
1,2-Dichloroethane	ND		ug/L	0.500	1	07/16/06 03:06	SW846 8260B	6072513
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>103 %</i>					<i>07/16/06 03:06</i>	<i>SW846 8260B</i>	<i>6072513</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>110 %</i>					<i>07/16/06 03:06</i>	<i>SW846 8260B</i>	<i>6072513</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>88 %</i>					<i>07/16/06 03:06</i>	<i>SW846 8260B</i>	<i>6072513</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>85 %</i>					<i>07/16/06 03:06</i>	<i>SW846 8260B</i>	<i>6072513</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	07/16/06 03:06	CA LUFT GC/MS	6072513
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	<i>103 %</i>					<i>07/16/06 03:06</i>	<i>CA LUFT GC/MS</i>	<i>6072513</i>
<i>Surr: Dibromofluoromethane (0-200%)</i>	<i>110 %</i>					<i>07/16/06 03:06</i>	<i>CA LUFT GC/MS</i>	<i>6072513</i>
<i>Surr: Toluene-d8 (0-200%)</i>	<i>88 %</i>					<i>07/16/06 03:06</i>	<i>CA LUFT GC/MS</i>	<i>6072513</i>
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	<i>85 %</i>					<i>07/16/06 03:06</i>	<i>CA LUFT GC/MS</i>	<i>6072513</i>



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 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/11/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>6072513-BLK1</b>						
Benzene	<0.200		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Methyl tert-Butyl Ether	<0.200		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Ethylbenzene	<0.200		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Methyl tert-Butyl Ether	<0.200		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Toluene	<0.200		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Tertiary Butyl Alcohol	<5.06		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Xylenes, total	<0.350		ug/L	6072513	6072513-BLK1	07/15/06 22:57
1,2-Dichloroethane	<0.390		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Surrogate: 1,2-Dichloroethane-d4	103%			6072513	6072513-BLK1	07/15/06 22:57
Surrogate: Dibromofluoromethane	110%			6072513	6072513-BLK1	07/15/06 22:57
Surrogate: Toluene-d8	88%			6072513	6072513-BLK1	07/15/06 22:57
Surrogate: 4-Bromofluorobenzene	87%			6072513	6072513-BLK1	07/15/06 22:57
<b>Purgeable Petroleum Hydrocarbons</b>						
<b>6072513-BLK1</b>						
Gasoline Range Organics	<50.0		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Surrogate: 1,2-Dichloroethane-d4	103%			6072513	6072513-BLK1	07/15/06 22:57
Surrogate: Dibromofluoromethane	110%			6072513	6072513-BLK1	07/15/06 22:57
Surrogate: Toluene-d8	88%			6072513	6072513-BLK1	07/15/06 22:57
Surrogate: 4-Bromofluorobenzene	87%			6072513	6072513-BLK1	07/15/06 22:57

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
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 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/11/06 08:00

PROJECT QUALITY CONTROL DATA  
 LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>6072513-BS1</b>								
Tert-Amyl Methyl Ether	50.0	51.5		ug/L	103%	56 - 145	6072513	07/15/06 22:07
Benzene	50.0	57.2		ug/L	114%	79 - 123	6072513	07/15/06 22:07
Ethyl tert-Butyl Ether	50.0	47.7		ug/L	95%	64 - 141	6072513	07/15/06 22:07
Methyl tert-Butyl Ether	50.0	55.0		ug/L	110%	66 - 142	6072513	07/15/06 22:07
Diisopropyl Ether	50.0	47.9		ug/L	96%	73 - 135	6072513	07/15/06 22:07
Ethylbenzene	50.0	51.9		ug/L	104%	79 - 125	6072513	07/15/06 22:07
Methyl tert-Butyl Ether	50.0	55.0		ug/L	110%	66 - 142	6072513	07/15/06 22:07
Toluene	50.0	52.2		ug/L	104%	78 - 122	6072513	07/15/06 22:07
Tertiary Butyl Alcohol	500	597		ug/L	119%	42 - 154	6072513	07/15/06 22:07
Xylenes, total	150	158		ug/L	105%	79 - 130	6072513	07/15/06 22:07
1,2-Dichloroethane	50.0	61.7		ug/L	123%	74 - 131	6072513	07/15/06 22:07
Surrogate: 1,2-Dichloroethane-d4	50.0	51.8			104%	70 - 130	6072513	07/15/06 22:07
Surrogate: 1,2-Dichloroethane-d4	50.0	51.8			104%	70 - 130	6072513	07/15/06 22:07
Surrogate: Dibromofluoromethane	50.0	53.1			106%	79 - 122	6072513	07/15/06 22:07
Surrogate: Dibromofluoromethane	50.0	53.1			106%	79 - 122	6072513	07/15/06 22:07
Surrogate: Toluene-d8	50.0	44.4			89%	78 - 121	6072513	07/15/06 22:07
Surrogate: Toluene-d8	50.0	44.4			89%	78 - 121	6072513	07/15/06 22:07
Surrogate: 4-Bromofluorobenzene	50.0	43.9			88%	78 - 126	6072513	07/15/06 22:07
Surrogate: 4-Bromofluorobenzene	50.0	43.9			88%	78 - 126	6072513	07/15/06 22:07
<b>Purgeable Petroleum Hydrocarbons</b>								
<b>6072513-BS1</b>								
Gasoline Range Organics	3050	2650		ug/L	87%	67 - 130	6072513	07/15/06 22:07
Surrogate: 1,2-Dichloroethane-d4	50.0	51.8			104%	70 - 130	6072513	07/15/06 22:07
Surrogate: Dibromofluoromethane	50.0	53.1			106%	70 - 130	6072513	07/15/06 22:07
Surrogate: Toluene-d8	50.0	44.4			89%	70 - 130	6072513	07/15/06 22:07
Surrogate: 4-Bromofluorobenzene	50.0	43.9			88%	70 - 130	6072513	07/15/06 22:07

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**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>6072513-MS1</b>										
Tert-Amyl Methyl Ether	ND	44.1		ug/L	50.0	88%	45 - 155	6072513	NPG0945-01	07/16/06 07:15
Benzene	ND	51.7		ug/L	50.0	103%	71 - 137	6072513	NPG0945-01	07/16/06 07:15
Ethyl tert-Butyl Ether	ND	42.9		ug/L	50.0	86%	57 - 148	6072513	NPG0945-01	07/16/06 07:15
Methyl tert-Butyl Ether	ND	49.8		ug/L	50.0	100%	55 - 152	6072513	NPG0945-01	07/16/06 07:15
Diisopropyl Ether	ND	43.8		ug/L	50.0	88%	67 - 143	6072513	NPG0945-01	07/16/06 07:15
Ethylbenzene	ND	46.9		ug/L	50.0	94%	72 - 139	6072513	NPG0945-01	07/16/06 07:15
Methyl tert-Butyl Ether	ND	49.8		ug/L	50.0	100%	55 - 152	6072513	NPG0945-01	07/16/06 07:15
Toluene	ND	48.6		ug/L	50.0	97%	73 - 133	6072513	NPG0945-01	07/16/06 07:15
Tertiary Butyl Alcohol	ND	478		ug/L	500	96%	19 - 183	6072513	NPG0945-01	07/16/06 07:15
Xylenes, total	ND	144		ug/L	150	96%	70 - 143	6072513	NPG0945-01	07/16/06 07:15
1,2-Dichloroethane	ND	56.0		ug/L	50.0	112%	70 - 140	6072513	NPG0945-01	07/16/06 07:15
Surrogate: 1,2-Dichloroethane-d4		49.8		ug/L	50.0	100%	70 - 130	6072513	NPG0945-01	07/16/06 07:15
Surrogate: 1,2-Dichloroethane-d4		49.8		ug/L	50.0	100%	70 - 130	6072513	NPG0945-01	07/16/06 07:15
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	79 - 122	6072513	NPG0945-01	07/16/06 07:15
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	79 - 122	6072513	NPG0945-01	07/16/06 07:15
Surrogate: Toluene-d8		44.9		ug/L	50.0	90%	78 - 121	6072513	NPG0945-01	07/16/06 07:15
Surrogate: Toluene-d8		44.9		ug/L	50.0	90%	78 - 121	6072513	NPG0945-01	07/16/06 07:15
Surrogate: 4-Bromofluorobenzene		43.3		ug/L	50.0	87%	78 - 126	6072513	NPG0945-01	07/16/06 07:15
Surrogate: 4-Bromofluorobenzene		43.3		ug/L	50.0	87%	78 - 126	6072513	NPG0945-01	07/16/06 07:15
<b>Purgeable Petroleum Hydrocarbons</b>										
<b>6072513-MS1</b>										
Gasoline Range Organics	ND	2160		ug/L	3050	71%	60 - 140	6072513	NPG0945-01	07/16/06 07:15
Surrogate: 1,2-Dichloroethane-d4		49.8		ug/L	50.0	100%	0 - 200	6072513	NPG0945-01	07/16/06 07:15
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	0 - 200	6072513	NPG0945-01	07/16/06 07:15
Surrogate: Toluene-d8		44.9		ug/L	50.0	90%	0 - 200	6072513	NPG0945-01	07/16/06 07:15
Surrogate: 4-Bromofluorobenzene		43.3		ug/L	50.0	87%	0 - 200	6072513	NPG0945-01	07/16/06 07:15

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 Project Number: SAP 136019  
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**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>6072513-MSD1</b>												
Tert-Amyl Methyl Ether	ND	44.4		ug/L	50.0	89%	45 - 155	0.7	24	6072513	NPG0945-01	07/16/06 07:40
Benzene	ND	51.2		ug/L	50.0	102%	71 - 137	1	23	6072513	NPG0945-01	07/16/06 07:40
Ethyl tert-Butyl Ether	ND	41.4		ug/L	50.0	83%	57 - 148	4	22	6072513	NPG0945-01	07/16/06 07:40
Methyl tert-Butyl Ether	ND	47.9		ug/L	50.0	96%	55 - 152	4	27	6072513	NPG0945-01	07/16/06 07:40
Diisopropyl Ether	ND	43.3		ug/L	50.0	87%	67 - 143	1	22	6072513	NPG0945-01	07/16/06 07:40
Ethylbenzene	ND	47.5		ug/L	50.0	95%	72 - 139	1	23	6072513	NPG0945-01	07/16/06 07:40
Methyl tert-Butyl Ether	ND	47.9		ug/L	50.0	96%	55 - 152	4	27	6072513	NPG0945-01	07/16/06 07:40
Toluene	ND	47.4		ug/L	50.0	95%	73 - 133	2	25	6072513	NPG0945-01	07/16/06 07:40
Tertiary Butyl Alcohol	ND	448		ug/L	500	90%	19 - 183	6	39	6072513	NPG0945-01	07/16/06 07:40
Xylenes, total	ND	142		ug/L	150	95%	70 - 143	1	27	6072513	NPG0945-01	07/16/06 07:40
1,2-Dichloroethane	ND	55.9		ug/L	50.0	112%	70 - 140	0.2	21	6072513	NPG0945-01	07/16/06 07:40
Surrogate: 1,2-Dichloroethane-d4		49.2		ug/L	50.0	98%	70 - 130			6072513	NPG0945-01	07/16/06 07:40
Surrogate: 1,2-Dichloroethane-d4		49.2		ug/L	50.0	98%	70 - 130			6072513	NPG0945-01	07/16/06 07:40
Surrogate: Dibromofluoromethane		53.5		ug/L	50.0	107%	79 - 122			6072513	NPG0945-01	07/16/06 07:40
Surrogate: Dibromofluoromethane		53.5		ug/L	50.0	107%	79 - 122			6072513	NPG0945-01	07/16/06 07:40
Surrogate: Toluene-d8		45.0		ug/L	50.0	90%	78 - 121			6072513	NPG0945-01	07/16/06 07:40
Surrogate: Toluene-d8		45.0		ug/L	50.0	90%	78 - 121			6072513	NPG0945-01	07/16/06 07:40
Surrogate: 4-Bromofluorobenzene		43.2		ug/L	50.0	86%	78 - 126			6072513	NPG0945-01	07/16/06 07:40
Surrogate: 4-Bromofluorobenzene		43.2		ug/L	50.0	86%	78 - 126			6072513	NPG0945-01	07/16/06 07:40
<b>Purgeable Petroleum Hydrocarbons</b>												
<b>6072513-MSD1</b>												
Gasoline Range Organics	ND	2080		ug/L	3050	68%	60 - 140	4	40	6072513	NPG0945-01	07/16/06 07:40
Surrogate: 1,2-Dichloroethane-d4		49.2		ug/L	50.0	98%	0 - 200			6072513	NPG0945-01	07/16/06 07:40
Surrogate: Dibromofluoromethane		53.5		ug/L	50.0	107%	0 - 200			6072513	NPG0945-01	07/16/06 07:40
Surrogate: Toluene-d8		45.0		ug/L	50.0	90%	0 - 200			6072513	NPG0945-01	07/16/06 07:40
Surrogate: 4-Bromofluorobenzene		43.2		ug/L	50.0	86%	0 - 200			6072513	NPG0945-01	07/16/06 07:40

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

Work Order: NPG0954  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/11/06 08:00

### CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Water			X
NA	Water			
SW846 8260B	Water	N/A	X	X

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

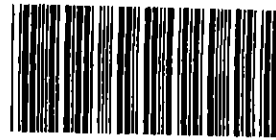
Work Order: NPG0954  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Number: SAP 136019  
Received: 07/11/06 08:00

## NELAC CERTIFICATION SUMMARY

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

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
CA LUFT GC/MS	Water	Gasoline Range Organics

**Nashville Division**  
**COOLER RECEIPT FORM**



BC#

NPG0954

Cooler Received/Opened On: 7/11/06@8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 7767

Fed-EX+6

Temperature of representative sample or temperature blank when opened: 4.2 Degrees Celsius  
(indicate IR Gun ID#)

101282

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

a. If yes, how many and where: \_\_\_\_\_

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

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

I certify that I opened the cooler and answered questions 1-5 (initial).....

6. Were custody seals on containers: YES  NO  and Intact YES  NO  NA   
were these signed, and dated correctly?..... YES  NO  NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert  
Plastic bag Paper Other \_\_\_\_\_ None

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

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

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

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

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

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

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

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

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

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

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

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

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

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

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

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

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. Were there Non-Conformance issues at login YES  NO  Was a PIPE generated YES  NO  # \_\_\_\_\_

- LAB:   
 TA - Irvine, California   
 Hill, California   
 Santa Ana, California   
 TA - Nashville, Tennessee   
 Calscienc   
 Other \_\_\_\_\_



# SHELL Chain Of Custody Record

**NAME OF PERSON TO BILL: Denis Brown**

ENVIRONMENTAL SERVICES  CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

NETWORK DEV / FE  BILL CONSULTANT

COMPLIANCE  RMT/CRMT

INCIDENT # (ES ONLY): 9 8 9 9 6 0 6 8

DATE: 7/06/06

PAGE: 1 of 1

SAMPLING COMPANY: **Blaine Tech Services** LOG CODE: **BTSS** SITE ADDRESS: Street and City: **1784 150th Ave., San Leandro** State: **CA** GLOBAL ID NO.: **T0600101230**

ADDRESS: **1680 Rogers Avenue, San Jose, CA 95112** EDO DELIVERABLE TO (Name, Company, Office Location): **Anni Kreml, Cambria, Emeryville Office** PHONE NO.: **(510) 420-3335** E-MAIL: **Shell.em.edf@cambria-env.com** CONSULTANT PROJECT NO.: **060706-42-1**

PROJECT CONTACT (Hardcopy or PDF Report to): **Michael Ninokata** SAMPLER NAME(S) (Print): **Will Crow** LAB USE ONLY

TELEPHONE: **408-573-0555** FAX: **408-573-7771** E-MAIL: **mninokata@blainetech.com**

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):  STD  5 DAY  3 DAY  2 DAY  24 HOURS  RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT  UST AGENCY: \_\_\_\_\_

SPECIAL INSTRUCTIONS OR NOTES:  EDO NOT NEEDED  SHELL CONTRACT RATE APPLIES  STATE REIMB RATE APPLIES  RECEIPT VERIFICATION REQUESTED

**REQUESTED ANALYSIS**

**NPG0954**

07/25/06 23:59

**FIELD NOTES:**  
 Container/Preservative or PID Readings or Laboratory Notes  
 5.402

LAB USE ONLY	Field Sample Identification				ANALYSIS														TEMPERATURE ON RECEIPT °C				
	DATE	TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	6 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH-motor oil (8015M)		TDS (160.1)	Total Iron (8010B)	Total Lead (8010B)	
	7/06/06	1300	H <sub>2</sub> O	3H4	X	X	X	X															NPG0954-01
		0928			X	X	X	X															02
		0955			X	X	X	X						X									03

Relinquished by: (Signature) *[Signature]* Received by: (Signature) *[Signature]* Date: 7/6/06 Time: 1715

Relinquished by: (Signature) *[Signature]* Received by: (Signature) *[Signature]* Date: 7/7/06 Time: 1730

Relinquished by: (Signature) *[Signature]* Received by: (Signature) *[Signature]* Date: 7-7-06 Time: 1830

05/02/06 Revision



# SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: SHELL  
 REC. BY (PRINT): EH  
 WORKORDER: \_\_\_\_\_

DATE REC'D AT LAB: 7/7/06  
 TIME REC'D AT LAB: 1830  
 DATE LOGGED IN: \_\_\_\_\_

For Regulatory Purposes?  
 DRINKING WATER YES / NO  
 WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / <input checked="" type="radio"/> Absent Intact / Broken*			AWW-6	3 vials	HCL	-	L	7/6	
2. Chain-of-Custody <input checked="" type="radio"/> Present / Absent*			AWW-9	↓	↓	↓	↓	↓	
3. Traffic Reports or Packing List: Present / <input checked="" type="radio"/> Absent			AWW-13						
4. Airbill: Airbill / Sticker Present / <input checked="" type="radio"/> Absent									
5. Airbill #:									
6. Sample Labels: <input checked="" type="radio"/> Present / Absent									
7. Sample IDs: <input checked="" type="radio"/> Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: <input checked="" type="radio"/> Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? <input checked="" type="radio"/> Yes / No*									
10. Sample received within hold time? <input checked="" type="radio"/> Yes / No*									
11. Adequate sample volume received? <input checked="" type="radio"/> Yes / No*									
12. Proper preservatives used? <input checked="" type="radio"/> Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / <input checked="" type="radio"/> No									
14. Read Temp: <u>2.4</u> Corrected Temp: <u>2.4</u> Is corrected temp $\pm 2^\circ\text{C}$ ? <input checked="" type="radio"/> Yes / No**									

7/7/06 EH

\*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

July 19, 2006

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

Work Order: NPG0403  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Nbr: SAP 136019  
P/O Nbr: 98996068  
Date Received: 07/06/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-2	NPG0403-01	06/30/06 14:12
MW-3	NPG0403-02	06/30/06 14:35
MW-4	NPG0403-03	06/30/06 13:50
MW-5	NPG0403-04	06/30/06 12:50
MW-7	NPG0403-05	06/30/06 10:45
MW-8	NPG0403-06	06/30/06 12:05
MW-10	NPG0403-07	06/30/06 13:45
MW-11	NPG0403-08	06/30/06 14:55
MW-12	NPG0403-09	06/30/06 11:15

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

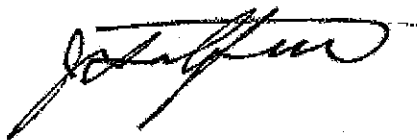
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California Certification Number: 01168CA

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Jim Hatfield  
Project Management

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

Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/06/06 07:50

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPG0403-01 (MW-2 - Water) Sampled: 06/30/06 14:12</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	4.90		ug/L	0.500	1	07/12/06 15:58	SW846 8260B	6071850
Benzene	177		ug/L	0.500	1	07/12/06 15:58	SW846 8260B	6071850
1,2-Dichloroethane	ND		ug/L	0.500	1	07/12/06 15:58	SW846 8260B	6071850
Ethylbenzene	55.5		ug/L	0.500	1	07/12/06 15:58	SW846 8260B	6071850
Toluene	33.1		ug/L	0.500	1	07/12/06 15:58	SW846 8260B	6071850
Methyl tert-Butyl Ether	1560		ug/L	12.5	25	07/13/06 12:00	SW846 8260B	6071827
Xylenes, total	311		ug/L	0.500	1	07/12/06 15:58	SW846 8260B	6071850
Tertiary Butyl Alcohol	1180		ug/L	10.0	1	07/12/06 15:58	SW846 8260B	6071850
Surr: 1,2-Dichloroethane-d4 (70-130%)	95 %					07/12/06 15:58	SW846 8260B	6071850
Surr: 1,2-Dichloroethane-d4 (70-130%)	95 %					07/12/06 15:58	SW846 8260B	6071850
Surr: Dibromofluoromethane (79-122%)	105 %					07/12/06 15:58	SW846 8260B	6071850
Surr: Dibromofluoromethane (79-122%)	105 %					07/12/06 15:58	SW846 8260B	6071850
Surr: Toluene-d8 (78-121%)	93 %					07/12/06 15:58	SW846 8260B	6071850
Surr: Toluene-d8 (78-121%)	93 %					07/12/06 15:58	SW846 8260B	6071850
Surr: 4-Bromofluorobenzene (78-126%)	94 %					07/12/06 15:58	SW846 8260B	6071850
Surr: 4-Bromofluorobenzene (78-126%)	94 %					07/12/06 15:58	SW846 8260B	6071850
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	3870		ug/L	50.0	1	07/12/06 15:58	CA LUFT GC/MS	6071850
<b>Sample ID: NPG0403-02 (MW-3 - Water) Sampled: 06/30/06 14:35</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	07/12/06 16:23	SW846 8260B	6071850
Benzene	ND		ug/L	0.500	1	07/12/06 16:23	SW846 8260B	6071850
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	07/12/06 16:23	SW846 8260B	6071850
Diisopropyl Ether	ND		ug/L	0.500	1	07/12/06 16:23	SW846 8260B	6071850
Ethylbenzene	ND		ug/L	0.500	1	07/12/06 16:23	SW846 8260B	6071850
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	07/13/06 13:40	SW846 8260B	6071827
Toluene	ND		ug/L	0.500	1	07/12/06 16:23	SW846 8260B	6071850
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	07/12/06 16:23	SW846 8260B	6071850
Xylenes, total	ND		ug/L	0.500	1	07/12/06 16:23	SW846 8260B	6071850
1,2-Dichloroethane	5.95		ug/L	0.500	1	07/12/06 16:23	SW846 8260B	6071850
Surr: 1,2-Dichloroethane-d4 (70-130%)	100 %					07/12/06 16:23	SW846 8260B	6071850
Surr: 1,2-Dichloroethane-d4 (70-130%)	100 %					07/12/06 16:23	SW846 8260B	6071850
Surr: Dibromofluoromethane (79-122%)	104 %					07/12/06 16:23	SW846 8260B	6071850
Surr: Dibromofluoromethane (79-122%)	104 %					07/12/06 16:23	SW846 8260B	6071850
Surr: Toluene-d8 (78-121%)	89 %					07/12/06 16:23	SW846 8260B	6071850
Surr: Toluene-d8 (78-121%)	89 %					07/12/06 16:23	SW846 8260B	6071850
Surr: 4-Bromofluorobenzene (78-126%)	92 %					07/12/06 16:23	SW846 8260B	6071850
Surr: 4-Bromofluorobenzene (78-126%)	92 %					07/12/06 16:23	SW846 8260B	6071850
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	1580		ug/L	50.0	1	07/12/06 16:23	CA LUFT GC/MS	6071850

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

Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/06/06 07:50

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPG0403-03 (MW-4 - Water) Sampled: 06/30/06 13:50</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	07/12/06 16:53	SW846 8260B	6071850
Benzene	ND		ug/L	0.500	1	07/12/06 16:53	SW846 8260B	6071850
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	07/12/06 16:53	SW846 8260B	6071850
Diisopropyl Ether	ND		ug/L	0.500	1	07/12/06 16:53	SW846 8260B	6071850
Ethylbenzene	ND		ug/L	0.500	1	07/12/06 16:53	SW846 8260B	6071850
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	07/12/06 16:53	SW846 8260B	6071850
Toluene	ND		ug/L	0.500	1	07/12/06 16:53	SW846 8260B	6071850
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	07/12/06 16:53	SW846 8260B	6071850
Xylenes, total	ND		ug/L	0.500	1	07/12/06 16:53	SW846 8260B	6071850
Surr: 1,2-Dichloroethane-d4 (70-130%)	97 %					07/12/06 16:53	SW846 8260B	6071850
Surr: Dibromofluoromethane (79-122%)	105 %					07/12/06 16:53	SW846 8260B	6071850
Surr: Toluene-d8 (78-121%)	92 %					07/12/06 16:53	SW846 8260B	6071850
Surr: 4-Bromofluorobenzene (78-126%)	90 %					07/12/06 16:53	SW846 8260B	6071850
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	07/12/06 16:53	CA LUFT GC/MS	6071850
<b>Sample ID: NPG0403-04 (MW-5 - Water) Sampled: 06/30/06 12:50</b>								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	07/12/06 17:18	SW846 8260B	6071850
Ethylbenzene	43.2		ug/L	0.500	1	07/12/06 17:18	SW846 8260B	6071850
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	07/12/06 17:18	SW846 8260B	6071850
Toluene	1.00		ug/L	0.500	1	07/12/06 17:18	SW846 8260B	6071850
Xylenes, total	21.7		ug/L	0.500	1	07/12/06 17:18	SW846 8260B	6071850
Surr: 1,2-Dichloroethane-d4 (70-130%)	97 %					07/12/06 17:18	SW846 8260B	6071850
Surr: Dibromofluoromethane (79-122%)	105 %					07/12/06 17:18	SW846 8260B	6071850
Surr: Toluene-d8 (78-121%)	92 %					07/12/06 17:18	SW846 8260B	6071850
Surr: 4-Bromofluorobenzene (78-126%)	90 %					07/12/06 17:18	SW846 8260B	6071850
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	729		ug/L	50.0	1	07/12/06 17:18	CA LUFT GC/MS	6071850
<b>Sample ID: NPG0403-05 (MW-7 - Water) Sampled: 06/30/06 10:45</b>								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	13.8		ug/L	0.500	1	07/12/06 17:43	SW846 8260B	6071850
Ethylbenzene	474		ug/L	5.00	10	07/13/06 16:35	SW846 8260B	6071827
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	07/12/06 17:43	SW846 8260B	6071850
Toluene	49.4		ug/L	0.500	1	07/12/06 17:43	SW846 8260B	6071850
Xylenes, total	640		ug/L	5.00	10	07/13/06 16:35	SW846 8260B	6071827
Surr: 1,2-Dichloroethane-d4 (70-130%)	98 %					07/12/06 17:43	SW846 8260B	6071850
Surr: 1,2-Dichloroethane-d4 (70-130%)	94 %					07/13/06 16:35	SW846 8260B	6071827
Surr: Dibromofluoromethane (79-122%)	103 %					07/12/06 17:43	SW846 8260B	6071850
Surr: Dibromofluoromethane (79-122%)	106 %					07/13/06 16:35	SW846 8260B	6071827
Surr: Toluene-d8 (78-121%)	90 %					07/12/06 17:43	SW846 8260B	6071850
Surr: Toluene-d8 (78-121%)	91 %					07/13/06 16:35	SW846 8260B	6071827
Surr: 4-Bromofluorobenzene (78-126%)	96 %					07/12/06 17:43	SW846 8260B	6071850

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

Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/06/06 07:50

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPG0403-05RE1 (MW-7 - Water) - cont. Sampled: 06/30/06 10:45</b>								
Selected Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (78-126%)	88 %					07/13/06 16:35	SW846 8260B	6071827
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	10800		ug/L	50.0	1	07/12/06 17:43	CA LUFT GC/MS	6071850
<b>Sample ID: NPG0403-06 (MW-8 - Water) Sampled: 06/30/06 12:05</b>								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	71.8		ug/L	0.500	1	07/12/06 18:08	SW846 8260B	6071850
Ethylbenzene	622		ug/L	5.00	10	07/13/06 17:00	SW846 8260B	6071827
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	07/12/06 18:08	SW846 8260B	6071850
Toluene	14.1		ug/L	0.500	1	07/12/06 18:08	SW846 8260B	6071850
Xylenes, total	1390		ug/L	5.00	10	07/13/06 17:00	SW846 8260B	6071827
Surr: 1,2-Dichloroethane-d4 (70-130%)	98 %					07/12/06 18:08	SW846 8260B	6071850
Surr: 1,2-Dichloroethane-d4 (70-130%)	99 %					07/13/06 17:00	SW846 8260B	6071827
Surr: Dibromofluoromethane (79-122%)	102 %					07/12/06 18:08	SW846 8260B	6071850
Surr: Dibromofluoromethane (79-122%)	105 %					07/13/06 17:00	SW846 8260B	6071827
Surr: Toluene-d8 (78-121%)	93 %					07/12/06 18:08	SW846 8260B	6071850
Surr: Toluene-d8 (78-121%)	92 %					07/13/06 17:00	SW846 8260B	6071827
Surr: 4-Bromofluorobenzene (78-126%)	95 %					07/12/06 18:08	SW846 8260B	6071850
Surr: 4-Bromofluorobenzene (78-126%)	87 %					07/13/06 17:00	SW846 8260B	6071827
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	14900		ug/L	500	10	07/13/06 17:00	CA LUFT GC/MS	6071827
<b>Sample ID: NPG0403-07 (MW-10 - Water) Sampled: 06/30/06 13:45</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	07/12/06 15:33	SW846 8260B	6071850
Benzene	ND		ug/L	0.500	1	07/12/06 15:33	SW846 8260B	6071850
1,2-Dichloroethane	ND		ug/L	0.500	1	07/12/06 15:33	SW846 8260B	6071850
Ethylbenzene	ND		ug/L	0.500	1	07/12/06 15:33	SW846 8260B	6071850
Toluene	ND		ug/L	0.500	1	07/12/06 15:33	SW846 8260B	6071850
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	07/12/06 15:33	SW846 8260B	6071850
Xylenes, total	ND		ug/L	0.500	1	07/12/06 15:33	SW846 8260B	6071850
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	07/12/06 15:33	SW846 8260B	6071850
Surr: 1,2-Dichloroethane-d4 (70-130%)	95 %					07/12/06 15:33	SW846 8260B	6071850
Surr: Dibromofluoromethane (79-122%)	103 %					07/12/06 15:33	SW846 8260B	6071850
Surr: Toluene-d8 (78-121%)	92 %					07/12/06 15:33	SW846 8260B	6071850
Surr: 4-Bromofluorobenzene (78-126%)	94 %					07/12/06 15:33	SW846 8260B	6071850
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	07/12/06 15:33	CA LUFT GC/MS	6071850

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

Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/06/06 07:50

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPG0403-08 (MW-11 - Water) Sampled: 06/30/06 14:55</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	22.8		ug/L	0.500	1	07/12/06 18:33	SW846 8260B	6071850
Benzene	4420		ug/L	250	500	07/13/06 17:50	SW846 8260B	6071827
1,2-Dichloroethane	ND		ug/L	0.500	1	07/12/06 18:33	SW846 8260B	6071850
Ethylbenzene	2650		ug/L	10.0	20	07/13/06 17:25	SW846 8260B	6071827
Toluene	11300		ug/L	250	500	07/13/06 17:50	SW846 8260B	6071827
Methyl tert-Butyl Ether	4490		ug/L	250	500	07/13/06 17:50	SW846 8260B	6071827
Xylenes, total	17200		ug/L	250	500	07/13/06 17:50	SW846 8260B	6071827
Tertiary Butyl Alcohol	2700		ug/L	200	20	07/13/06 17:25	SW846 8260B	6071827
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	101 %					07/12/06 18:33	SW846 8260B	6071850
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	95 %					07/13/06 17:25	SW846 8260B	6071827
<i>Surr: Dibromofluoromethane (79-122%)</i>	107 %					07/12/06 18:33	SW846 8260B	6071850
<i>Surr: Dibromofluoromethane (79-122%)</i>	108 %					07/13/06 17:25	SW846 8260B	6071827
<i>Surr: Toluene-d8 (78-121%)</i>	96 %					07/12/06 18:33	SW846 8260B	6071850
<i>Surr: Toluene-d8 (78-121%)</i>	90 %					07/13/06 17:25	SW846 8260B	6071827
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	94 %					07/12/06 18:33	SW846 8260B	6071850
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	87 %					07/13/06 17:25	SW846 8260B	6071827
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	119000		ug/L	1000	20	07/13/06 17:25	JA LUFT GC/MS	6071827
<b>Sample ID: NPG0403-09RE1 (MW-12 - Water) Sampled: 06/30/06 11:15</b>								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	3930		ug/L	10.0	20	07/13/06 14:55	SW846 8260B	6071827
Ethylbenzene	2110		ug/L	10.0	20	07/13/06 14:55	SW846 8260B	6071827
Toluene	8900		ug/L	250	500	07/13/06 15:20	SW846 8260B	6071827
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	07/13/06 14:30	SW846 8260B	6071827
Xylenes, total	10400		ug/L	10.0	20	07/13/06 14:55	SW846 8260B	6071827
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	98 %					07/12/06 18:58	SW846 8260B	6071850
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	101 %					07/13/06 14:30	SW846 8260B	6071827
<i>Surr: Dibromofluoromethane (79-122%)</i>	100 %					07/12/06 18:58	SW846 8260B	6071850
<i>Surr: Dibromofluoromethane (79-122%)</i>	103 %					07/13/06 14:30	SW846 8260B	6071827
<i>Surr: Toluene-d8 (78-121%)</i>	93 %					07/12/06 18:58	SW846 8260B	6071850
<i>Surr: Toluene-d8 (78-121%)</i>	90 %					07/13/06 14:30	SW846 8260B	6071827
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	93 %					07/12/06 18:58	SW846 8260B	6071850
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	93 %					07/13/06 14:30	SW846 8260B	6071827
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	95000		ug/L	1000	20	07/13/06 14:55	JA LUFT GC/MS	6071827

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

Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/06/06 07:50

## PROJECT QUALITY CONTROL DATA

### Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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#### Volatile Organic Compounds by EPA Method 8260B

##### 6071827-BLK1

Tert-Amyl Methyl Ether	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Tert-Amyl Methyl Ether	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
1,2-Dibromoethane (EDB)	<0.250		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Benzene	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Benzene	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Ethyl tert-Butyl Ether	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
1,2-Dichloroethane	<0.390		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Diisopropyl Ether	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Ethylbenzene	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Ethylbenzene	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Methyl tert-Butyl Ether	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Methyl tert-Butyl Ether	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Toluene	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Ethyl tert-Butyl Ether	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Tertiary Butyl Alcohol	<5.06		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Toluene	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Diisopropyl Ether	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Methyl tert-Butyl Ether	<0.200		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Xylenes, total	<0.350		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Tertiary Butyl Alcohol	<5.06		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Xylenes, total	<0.350		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Surrogate: 1,2-Dichloroethane-d4	102%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: 1,2-Dichloroethane-d4	102%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: 1,2-Dichloroethane-d4	102%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: Dibromofluoromethane	109%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: Dibromofluoromethane	109%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: Dibromofluoromethane	109%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: Toluene-d8	90%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: Toluene-d8	90%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: Toluene-d8	90%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: 4-Bromofluorobenzene	91%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: 4-Bromofluorobenzene	91%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: 4-Bromofluorobenzene	91%			6071827	6071827-BLK1	07/13/06 11:06

##### 6071850-BLK1

Tert-Amyl Methyl Ether	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Tert-Amyl Methyl Ether	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
1,2-Dibromoethane (EDB)	<0.250		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Benzene	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Benzene	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Ethyl tert-Butyl Ether	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
1,2-Dichloroethane	<0.390		ug/L	6071850	6071850-BLK1	07/12/06 11:23

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

Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/06/06 07:50

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>6071850-BLK1</b>						
Diisopropyl Ether	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Ethylbenzene	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Ethylbenzene	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Methyl tert-Butyl Ether	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Methyl tert-Butyl Ether	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Toluene	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Ethyl tert-Butyl Ether	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Tertiary Butyl Alcohol	<5.06		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Toluene	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Diisopropyl Ether	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Methyl tert-Butyl Ether	<0.200		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Xylenes, total	<0.350		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Tertiary Butyl Alcohol	<5.06		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Xylenes, total	<0.350		ug/L	6071850	6071850-BLK1	07/12/06 11:23
1,2-Dichloroethane	<0.390		ug/L	6071850	6071850-BLK1	07/12/06 11:23
Surrogate: 1,2-Dichloroethane-d4	96%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: 1,2-Dichloroethane-d4	96%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: 1,2-Dichloroethane-d4	96%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: 1,2-Dichloroethane-d4	96%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: Dibromofluoromethane	104%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: Dibromofluoromethane	104%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: Dibromofluoromethane	104%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: Dibromofluoromethane	104%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: Toluene-d8	92%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: Toluene-d8	92%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: Toluene-d8	92%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: Toluene-d8	92%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: 4-Bromofluorobenzene	96%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: 4-Bromofluorobenzene	96%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: 4-Bromofluorobenzene	96%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: 4-Bromofluorobenzene	96%			6071850	6071850-BLK1	07/12/06 11:23
<b>Purgeable Petroleum Hydrocarbons</b>						
<b>6071827-BLK1</b>						
Gasoline Range Organics	<50.0		ug/L	6071827	6071827-BLK1	07/13/06 11:06
Surrogate: 1,2-Dichloroethane-d4	102%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: Dibromofluoromethane	109%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: Toluene-d8	90%			6071827	6071827-BLK1	07/13/06 11:06
Surrogate: 4-Bromofluorobenzene	91%			6071827	6071827-BLK1	07/13/06 11:06
<b>6071850-BLK1</b>						
Gasoline Range Organics	<50.0		ug/L	6071850	6071850-BLK1	07/12/06 11:23



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

Work Order: NPG0403  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Number: SAP 136019  
Received: 07/06/06 07:50

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Purgeable Petroleum Hydrocarbons</b>						
<b>6071850-BLK1</b>						
Surrogate: 1,2-Dichloroethane-d4	96%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: Dibromofluoromethane	104%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: Toluene-d8	92%			6071850	6071850-BLK1	07/12/06 11:23
Surrogate: 4-Bromofluorobenzene	96%			6071850	6071850-BLK1	07/12/06 11:23

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
 5900 Hollis Street, Suite A  
 Emeryville, CA 94608  
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Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/06/06 07:50

**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>6071827-BS1</b>								
Tert-Amyl Methyl Ether	50.0	50.5		ug/L	101%	56 - 145	6071827	07/13/06 10:14
Tert-Amyl Methyl Ether	50.0	50.5		ug/L	101%	56 - 145	6071827	07/13/06 10:14
1,2-Dibromoethane (EDB)	50.0	52.8		ug/L	106%	75 - 128	6071827	07/13/06 10:14
Benzene	50.0	55.4		ug/L	111%	79 - 123	6071827	07/13/06 10:14
Benzene	50.0	55.4		ug/L	111%	79 - 123	6071827	07/13/06 10:14
Ethyl tert-Butyl Ether	50.0	46.0		ug/L	92%	64 - 141	6071827	07/13/06 10:14
1,2-Dichloroethane	50.0	59.7		ug/L	119%	74 - 131	6071827	07/13/06 10:14
Diisopropyl Ether	50.0	46.7		ug/L	93%	73 - 135	6071827	07/13/06 10:14
Ethylbenzene	50.0	50.9		ug/L	102%	79 - 125	6071827	07/13/06 10:14
Ethylbenzene	50.0	50.9		ug/L	102%	79 - 125	6071827	07/13/06 10:14
Methyl tert-Butyl Ether	50.0	52.7		ug/L	105%	66 - 142	6071827	07/13/06 10:14
Methyl tert-Butyl Ether	50.0	52.7		ug/L	105%	66 - 142	6071827	07/13/06 10:14
Toluene	50.0	50.6		ug/L	101%	78 - 122	6071827	07/13/06 10:14
Ethyl tert-Butyl Ether	50.0	46.0		ug/L	92%	64 - 141	6071827	07/13/06 10:14
Tertiary Butyl Alcohol	500	561		ug/L	112%	42 - 154	6071827	07/13/06 10:14
Toluene	50.0	50.6		ug/L	101%	78 - 122	6071827	07/13/06 10:14
Diisopropyl Ether	50.0	46.7		ug/L	93%	73 - 135	6071827	07/13/06 10:14
Methyl tert-Butyl Ether	50.0	52.7		ug/L	105%	66 - 142	6071827	07/13/06 10:14
Xylenes, total	150	154		ug/L	103%	79 - 130	6071827	07/13/06 10:14
Tertiary Butyl Alcohol	500	561		ug/L	112%	42 - 154	6071827	07/13/06 10:14
Xylenes, total	150	154		ug/L	103%	79 - 130	6071827	07/13/06 10:14
Surrogate: 1,2-Dichloroethane-d4	50.0	53.4			107%	70 - 130	6071827	07/13/06 10:14
Surrogate: 1,2-Dichloroethane-d4	50.0	53.4			107%	70 - 130	6071827	07/13/06 10:14
Surrogate: 1,2-Dichloroethane-d4	50.0	53.4			107%	70 - 130	6071827	07/13/06 10:14
Surrogate: 1,2-Dichloroethane-d4	50.0	53.4			107%	70 - 130	6071827	07/13/06 10:14
Surrogate: Dibromofluoromethane	50.0	52.8			106%	79 - 122	6071827	07/13/06 10:14
Surrogate: Dibromofluoromethane	50.0	52.8			106%	79 - 122	6071827	07/13/06 10:14
Surrogate: Dibromofluoromethane	50.0	52.8			106%	79 - 122	6071827	07/13/06 10:14
Surrogate: Dibromofluoromethane	50.0	52.8			106%	79 - 122	6071827	07/13/06 10:14
Surrogate: Toluene-d8	50.0	46.2			92%	78 - 121	6071827	07/13/06 10:14
Surrogate: Toluene-d8	50.0	46.2			92%	78 - 121	6071827	07/13/06 10:14
Surrogate: Toluene-d8	50.0	46.2			92%	78 - 121	6071827	07/13/06 10:14
Surrogate: Toluene-d8	50.0	46.2			92%	78 - 121	6071827	07/13/06 10:14
Surrogate: 4-Bromofluorobenzene	50.0	44.2			88%	78 - 126	6071827	07/13/06 10:14
Surrogate: 4-Bromofluorobenzene	50.0	44.2			88%	78 - 126	6071827	07/13/06 10:14
Surrogate: 4-Bromofluorobenzene	50.0	44.2			88%	78 - 126	6071827	07/13/06 10:14
Surrogate: 4-Bromofluorobenzene	50.0	44.2			88%	78 - 126	6071827	07/13/06 10:14
<b>6071850-BS1</b>								
Tert-Amyl Methyl Ether	50.0	46.6		ug/L	93%	56 - 145	6071850	07/12/06 10:33
Tert-Amyl Methyl Ether	50.0	46.6		ug/L	93%	56 - 145	6071850	07/12/06 10:33
1,2-Dibromoethane (EDB)	50.0	47.4		ug/L	95%	75 - 128	6071850	07/12/06 10:33

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

Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
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 Received: 07/06/06 07:50

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>								
<b>6071850-BS1</b>								
Benzene	50.0	51.0		ug/L	102%	79 - 123	6071850	07/12/06 10:33
Benzene	50.0	51.0		ug/L	102%	79 - 123	6071850	07/12/06 10:33
Ethyl tert-Butyl Ether	50.0	42.8		ug/L	86%	64 - 141	6071850	07/12/06 10:33
1,2-Dichloroethane	50.0	52.7		ug/L	105%	74 - 131	6071850	07/12/06 10:33
Diisopropyl Ether	50.0	42.1		ug/L	84%	73 - 135	6071850	07/12/06 10:33
Ethylbenzene	50.0	49.3		ug/L	99%	79 - 125	6071850	07/12/06 10:33
Ethylbenzene	50.0	49.3		ug/L	99%	79 - 125	6071850	07/12/06 10:33
Methyl tert-Butyl Ether	50.0	48.7		ug/L	97%	66 - 142	6071850	07/12/06 10:33
Methyl tert-Butyl Ether	50.0	48.7		ug/L	97%	66 - 142	6071850	07/12/06 10:33
Toluene	50.0	48.6		ug/L	97%	78 - 122	6071850	07/12/06 10:33
Ethyl tert-Butyl Ether	50.0	42.8		ug/L	86%	64 - 141	6071850	07/12/06 10:33
Tertiary Butyl Alcohol	500	541		ug/L	108%	42 - 154	6071850	07/12/06 10:33
Toluene	50.0	48.6		ug/L	97%	78 - 122	6071850	07/12/06 10:33
Diisopropyl Ether	50.0	42.1		ug/L	84%	73 - 135	6071850	07/12/06 10:33
Methyl tert-Butyl Ether	50.0	48.7		ug/L	97%	66 - 142	6071850	07/12/06 10:33
Xylenes, total	150	147		ug/L	98%	79 - 130	6071850	07/12/06 10:33
Tertiary Butyl Alcohol	500	541		ug/L	108%	42 - 154	6071850	07/12/06 10:33
Xylenes, total	150	147		ug/L	98%	79 - 130	6071850	07/12/06 10:33
1,2-Dichloroethane	50.0	52.7		ug/L	105%	74 - 131	6071850	07/12/06 10:33
Surrogate: 1,2-Dichloroethane-d4	50.0	45.8			92%	70 - 130	6071850	07/12/06 10:33
Surrogate: 1,2-Dichloroethane-d4	50.0	45.8			92%	70 - 130	6071850	07/12/06 10:33
Surrogate: 1,2-Dichloroethane-d4	50.0	45.8			92%	70 - 130	6071850	07/12/06 10:33
Surrogate: 1,2-Dichloroethane-d4	50.0	45.8			92%	70 - 130	6071850	07/12/06 10:33
Surrogate: 1,2-Dichloroethane-d4	50.0	45.8			92%	70 - 130	6071850	07/12/06 10:33
Surrogate: Dibromofluoromethane	50.0	51.8			104%	79 - 122	6071850	07/12/06 10:33
Surrogate: Dibromofluoromethane	50.0	51.8			104%	79 - 122	6071850	07/12/06 10:33
Surrogate: Dibromofluoromethane	50.0	51.8			104%	79 - 122	6071850	07/12/06 10:33
Surrogate: Dibromofluoromethane	50.0	51.8			104%	79 - 122	6071850	07/12/06 10:33
Surrogate: Dibromofluoromethane	50.0	51.8			104%	79 - 122	6071850	07/12/06 10:33
Surrogate: Toluene-d8	50.0	44.9			90%	78 - 121	6071850	07/12/06 10:33
Surrogate: Toluene-d8	50.0	44.9			90%	78 - 121	6071850	07/12/06 10:33
Surrogate: Toluene-d8	50.0	44.9			90%	78 - 121	6071850	07/12/06 10:33
Surrogate: Toluene-d8	50.0	44.9			90%	78 - 121	6071850	07/12/06 10:33
Surrogate: Toluene-d8	50.0	44.9			90%	78 - 121	6071850	07/12/06 10:33
Surrogate: 4-Bromofluorobenzene	50.0	44.8			90%	78 - 126	6071850	07/12/06 10:33
Surrogate: 4-Bromofluorobenzene	50.0	44.8			90%	78 - 126	6071850	07/12/06 10:33
Surrogate: 4-Bromofluorobenzene	50.0	44.8			90%	78 - 126	6071850	07/12/06 10:33
Surrogate: 4-Bromofluorobenzene	50.0	44.8			90%	78 - 126	6071850	07/12/06 10:33
Surrogate: 4-Bromofluorobenzene	50.0	44.8			90%	78 - 126	6071850	07/12/06 10:33

**Purgeable Petroleum Hydrocarbons**  
**6071827-BS1**

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

Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/06/06 07:50

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Purgeable Petroleum Hydrocarbons</b>								
Gasoline Range Organics	3050	2460		ug/L	81%	67 - 130	6071827	07/13/06 10:14
Surrogate: 1,2-Dichloroethane-d4	50.0	53.4			107%	70 - 130	6071827	07/13/06 10:14
Surrogate: Dibromofluoromethane	50.0	52.8			106%	70 - 130	6071827	07/13/06 10:14
Surrogate: Toluene-d8	50.0	46.2			92%	70 - 130	6071827	07/13/06 10:14
Surrogate: 4-Bromofluorobenzene	50.0	44.2			88%	70 - 130	6071827	07/13/06 10:14
<b>6071850-BS1</b>								
Gasoline Range Organics	3050	2510		ug/L	82%	67 - 130	6071850	07/12/06 10:33
Surrogate: 1,2-Dichloroethane-d4	50.0	45.8			92%	70 - 130	6071850	07/12/06 10:33
Surrogate: Dibromofluoromethane	50.0	51.8			104%	70 - 130	6071850	07/12/06 10:33
Surrogate: Toluene-d8	50.0	44.9			90%	70 - 130	6071850	07/12/06 10:33
Surrogate: 4-Bromofluorobenzene	50.0	44.8			90%	70 - 130	6071850	07/12/06 10:33

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

Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/06/06 07:50

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>6071850-MS1</b>										
Tert-Amyl Methyl Ether	ND	48.1		ug/L	50.0	96%	45 - 155	6071850	NPG0403-07	07/12/06 19:23
Tert-Amyl Methyl Ether	ND	48.1		ug/L	50.0	96%	45 - 155	6071850	NPG0403-07	07/12/06 19:23
1,2-Dibromoethane (EDB)	ND	46.1		ug/L	50.0	92%	71 - 138	6071850	NPG0403-07	07/12/06 19:23
Benzene	ND	56.4		ug/L	50.0	113%	71 - 137	6071850	NPG0403-07	07/12/06 19:23
Benzene	ND	56.4		ug/L	50.0	113%	71 - 137	6071850	NPG0403-07	07/12/06 19:23
Ethyl tert-Butyl Ether	ND	40.0		ug/L	50.0	80%	57 - 148	6071850	NPG0403-07	07/12/06 19:23
1,2-Dichloroethane	ND	49.9		ug/L	50.0	100%	70 - 140	6071850	NPG0403-07	07/12/06 19:23
Diisopropyl Ether	ND	37.0		ug/L	50.0	74%	67 - 143	6071850	NPG0403-07	07/12/06 19:23
Ethylbenzene	ND	55.0		ug/L	50.0	110%	72 - 139	6071850	NPG0403-07	07/12/06 19:23
Ethylbenzene	ND	55.0		ug/L	50.0	110%	72 - 139	6071850	NPG0403-07	07/12/06 19:23
Methyl tert-Butyl Ether	ND	44.7		ug/L	50.0	89%	55 - 152	6071850	NPG0403-07	07/12/06 19:23
Methyl tert-Butyl Ether	ND	44.7		ug/L	50.0	89%	55 - 152	6071850	NPG0403-07	07/12/06 19:23
Toluene	ND	64.8		ug/L	50.0	130%	73 - 133	6071850	NPG0403-07	07/12/06 19:23
Ethyl tert-Butyl Ether	ND	40.0		ug/L	50.0	80%	57 - 148	6071850	NPG0403-07	07/12/06 19:23
Tertiary Butyl Alcohol	ND	438		ug/L	500	88%	19 - 183	6071850	NPG0403-07	07/12/06 19:23
Toluene	ND	64.8		ug/L	50.0	130%	73 - 133	6071850	NPG0403-07	07/12/06 19:23
Diisopropyl Ether	ND	37.0		ug/L	50.0	74%	67 - 143	6071850	NPG0403-07	07/12/06 19:23
Methyl tert-Butyl Ether	ND	44.7		ug/L	50.0	89%	55 - 152	6071850	NPG0403-07	07/12/06 19:23
Xylenes, total	ND	187		ug/L	150	125%	70 - 143	6071850	NPG0403-07	07/12/06 19:23
Tertiary Butyl Alcohol	ND	438		ug/L	500	88%	19 - 183	6071850	NPG0403-07	07/12/06 19:23
Xylenes, total	ND	187		ug/L	150	125%	70 - 143	6071850	NPG0403-07	07/12/06 19:23
1,2-Dichloroethane	ND	49.9		ug/L	50.0	100%	70 - 140	6071850	NPG0403-07	07/12/06 19:23
Surrogate: 1,2-Dichloroethane-d4		46.0		ug/L	50.0	92%	70 - 130	6071850	NPG0403-07	07/12/06 19:23
Surrogate: 1,2-Dichloroethane-d4		46.0		ug/L	50.0	92%	70 - 130	6071850	NPG0403-07	07/12/06 19:23
Surrogate: 1,2-Dichloroethane-d4		46.0		ug/L	50.0	92%	70 - 130	6071850	NPG0403-07	07/12/06 19:23
Surrogate: 1,2-Dichloroethane-d4		46.0		ug/L	50.0	92%	70 - 130	6071850	NPG0403-07	07/12/06 19:23
Surrogate: 1,2-Dichloroethane-d4		46.0		ug/L	50.0	92%	70 - 130	6071850	NPG0403-07	07/12/06 19:23
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	79 - 122	6071850	NPG0403-07	07/12/06 19:23
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	79 - 122	6071850	NPG0403-07	07/12/06 19:23
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	79 - 122	6071850	NPG0403-07	07/12/06 19:23
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	79 - 122	6071850	NPG0403-07	07/12/06 19:23
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	79 - 122	6071850	NPG0403-07	07/12/06 19:23
Surrogate: Toluene-d8		45.2		ug/L	50.0	90%	78 - 121	6071850	NPG0403-07	07/12/06 19:23
Surrogate: Toluene-d8		45.2		ug/L	50.0	90%	78 - 121	6071850	NPG0403-07	07/12/06 19:23
Surrogate: Toluene-d8		45.2		ug/L	50.0	90%	78 - 121	6071850	NPG0403-07	07/12/06 19:23
Surrogate: Toluene-d8		45.2		ug/L	50.0	90%	78 - 121	6071850	NPG0403-07	07/12/06 19:23
Surrogate: Toluene-d8		45.2		ug/L	50.0	90%	78 - 121	6071850	NPG0403-07	07/12/06 19:23

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

Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/06/06 07:50

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>										
<b>6071850-MS1</b>										
<i>Surrogate: 4-Bromofluorobenzene</i>		44.6		ug/L	50.0	89%	78 - 126	6071850	NPG0403-07	07/12/06 19:23
<i>Surrogate: 4-Bromofluorobenzene</i>		44.6		ug/L	50.0	89%	78 - 126	6071850	NPG0403-07	07/12/06 19:23
<i>Surrogate: 4-Bromofluorobenzene</i>		44.6		ug/L	50.0	89%	78 - 126	6071850	NPG0403-07	07/12/06 19:23
<i>Surrogate: 4-Bromofluorobenzene</i>		44.6		ug/L	50.0	89%	78 - 126	6071850	NPG0403-07	07/12/06 19:23
<i>Surrogate: 4-Bromofluorobenzene</i>		44.6		ug/L	50.0	89%	78 - 126	6071850	NPG0403-07	07/12/06 19:23
<b>Purgeable Petroleum Hydrocarbons</b>										
<b>6071850-MS1</b>										
Gasoline Range Organics	ND	2820		ug/L	3050	92%	60 - 140	6071850	NPG0403-07	07/12/06 19:23
<i>Surrogate: 1,2-Dichloroethane-d4</i>		46.0		ug/L	50.0	92%	0 - 200	6071850	NPG0403-07	07/12/06 19:23
<i>Surrogate: Dibromofluoromethane</i>		49.0		ug/L	50.0	98%	0 - 200	6071850	NPG0403-07	07/12/06 19:23
<i>Surrogate: Toluene-d8</i>		45.2		ug/L	50.0	90%	0 - 200	6071850	NPG0403-07	07/12/06 19:23
<i>Surrogate: 4-Bromofluorobenzene</i>		44.6		ug/L	50.0	89%	0 - 200	6071850	NPG0403-07	07/12/06 19:23

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

Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/06/06 07:50

## PROJECT QUALITY CONTROL DATA

### Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>6071850-MSD1</b>												
Tert-Amyl Methyl Ether	ND	51.9		ug/L	50.0	104%	45 - 155	8	24	6071850	NPG0403-07	07/12/06 19:48
Tert-Amyl Methyl Ether	ND	51.9		ug/L	50.0	104%	45 - 155	8	24	6071850	NPG0403-07	07/12/06 19:48
1,2-Dibromoethane (EDB)	ND	49.9		ug/L	50.0	100%	71 - 138	8	27	6071850	NPG0403-07	07/12/06 19:48
Benzene	ND	55.5		ug/L	50.0	111%	71 - 137	2	23	6071850	NPG0403-07	07/12/06 19:48
Benzene	ND	55.5		ug/L	50.0	111%	71 - 137	2	23	6071850	NPG0403-07	07/12/06 19:48
Ethyl tert-Butyl Ether	ND	46.1		ug/L	50.0	92%	57 - 148	14	22	6071850	NPG0403-07	07/12/06 19:48
1,2-Dichloroethane	ND	55.5		ug/L	50.0	111%	70 - 140	11	21	6071850	NPG0403-07	07/12/06 19:48
Diisopropyl Ether	ND	45.3		ug/L	50.0	91%	67 - 143	20	22	6071850	NPG0403-07	07/12/06 19:48
Ethylbenzene	ND	54.7		ug/L	50.0	109%	72 - 139	0.5	23	6071850	NPG0403-07	07/12/06 19:48
Ethylbenzene	ND	54.7		ug/L	50.0	109%	72 - 139	0.5	23	6071850	NPG0403-07	07/12/06 19:48
Methyl tert-Butyl Ether	ND	52.2		ug/L	50.0	104%	55 - 152	15	27	6071850	NPG0403-07	07/12/06 19:48
Methyl tert-Butyl Ether	ND	52.2		ug/L	50.0	104%	55 - 152	15	27	6071850	NPG0403-07	07/12/06 19:48
Toluene	ND	56.1		ug/L	50.0	112%	73 - 133	14	25	6071850	NPG0403-07	07/12/06 19:48
Ethyl tert-Butyl Ether	ND	46.1		ug/L	50.0	92%	57 - 148	14	22	6071850	NPG0403-07	07/12/06 19:48
Tertiary Butyl Alcohol	ND	530		ug/L	500	106%	19 - 183	19	39	6071850	NPG0403-07	07/12/06 19:48
Toluene	ND	56.1		ug/L	50.0	112%	73 - 133	14	25	6071850	NPG0403-07	07/12/06 19:48
Diisopropyl Ether	ND	45.3		ug/L	50.0	91%	67 - 143	20	22	6071850	NPG0403-07	07/12/06 19:48
Methyl tert-Butyl Ether	ND	52.2		ug/L	50.0	104%	55 - 152	15	27	6071850	NPG0403-07	07/12/06 19:48
Xylenes, total	ND	170		ug/L	150	113%	70 - 143	10	27	6071850	NPG0403-07	07/12/06 19:48
Tertiary Butyl Alcohol	ND	530		ug/L	500	106%	19 - 183	19	39	6071850	NPG0403-07	07/12/06 19:48
Xylenes, total	ND	170		ug/L	150	113%	70 - 143	10	27	6071850	NPG0403-07	07/12/06 19:48
1,2-Dichloroethane	ND	55.5		ug/L	50.0	111%	70 - 140	11	21	6071850	NPG0403-07	07/12/06 19:48
Surrogate: 1,2-Dichloroethane-d4		50.0		ug/L	50.0	100%	70 - 130			6071850	NPG0403-07	07/12/06 19:48
Surrogate: 1,2-Dichloroethane-d4		50.0		ug/L	50.0	100%	70 - 130			6071850	NPG0403-07	07/12/06 19:48
Surrogate: 1,2-Dichloroethane-d4		50.0		ug/L	50.0	100%	70 - 130			6071850	NPG0403-07	07/12/06 19:48
Surrogate: 1,2-Dichloroethane-d4		50.0		ug/L	50.0	100%	70 - 130			6071850	NPG0403-07	07/12/06 19:48
Surrogate: 1,2-Dichloroethane-d4		50.0		ug/L	50.0	100%	70 - 130			6071850	NPG0403-07	07/12/06 19:48
Surrogate: Dibromofluoromethane		48.9		ug/L	50.0	98%	79 - 122			6071850	NPG0403-07	07/12/06 19:48
Surrogate: Dibromofluoromethane		48.9		ug/L	50.0	98%	79 - 122			6071850	NPG0403-07	07/12/06 19:48
Surrogate: Dibromofluoromethane		48.9		ug/L	50.0	98%	79 - 122			6071850	NPG0403-07	07/12/06 19:48
Surrogate: Dibromofluoromethane		48.9		ug/L	50.0	98%	79 - 122			6071850	NPG0403-07	07/12/06 19:48
Surrogate: Dibromofluoromethane		48.9		ug/L	50.0	98%	79 - 122			6071850	NPG0403-07	07/12/06 19:48
Surrogate: Toluene-d8		46.4		ug/L	50.0	93%	78 - 121			6071850	NPG0403-07	07/12/06 19:48
Surrogate: Toluene-d8		46.4		ug/L	50.0	93%	78 - 121			6071850	NPG0403-07	07/12/06 19:48
Surrogate: Toluene-d8		46.4		ug/L	50.0	93%	78 - 121			6071850	NPG0403-07	07/12/06 19:48
Surrogate: Toluene-d8		46.4		ug/L	50.0	93%	78 - 121			6071850	NPG0403-07	07/12/06 19:48
Surrogate: Toluene-d8		46.4		ug/L	50.0	93%	78 - 121			6071850	NPG0403-07	07/12/06 19:48
Surrogate: 4-Bromofluorobenzene		46.6		ug/L	50.0	93%	78 - 126			6071850	NPG0403-07	07/12/06 19:48
Surrogate: 4-Bromofluorobenzene		46.6		ug/L	50.0	93%	78 - 126			6071850	NPG0403-07	07/12/06 19:48
Surrogate: 4-Bromofluorobenzene		46.6		ug/L	50.0	93%	78 - 126			6071850	NPG0403-07	07/12/06 19:48
Surrogate: 4-Bromofluorobenzene		46.6		ug/L	50.0	93%	78 - 126			6071850	NPG0403-07	07/12/06 19:48

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

Work Order: NPG0403  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 07/06/06 07:50

**PROJECT QUALITY CONTROL DATA**

**Matrix Spike Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>											
<b>6071850-MSD1</b>											
<i>Surrogate: 4-Bromofluorobenzene</i>		46.6		ug/L	50.0	93%	78 - 126		6071850	NPG0403-07	07/12/06 19:48
<b>Purgeable Petroleum Hydrocarbons</b>											
<b>6071850-MSD1</b>											
Gasoline Range Organics	ND	2740		ug/L	3050	90%	60 - 140	3 40	6071850	NPG0403-07	07/12/06 19:48
<i>Surrogate: 1,2-Dichloroethane-d4</i>		50.0		ug/L	50.0	100%	0 - 200		6071850	NPG0403-07	07/12/06 19:48
<i>Surrogate: Dibromofluoromethane</i>		48.9		ug/L	50.0	98%	0 - 200		6071850	NPG0403-07	07/12/06 19:48
<i>Surrogate: Toluene-d8</i>		46.4		ug/L	50.0	93%	0 - 200		6071850	NPG0403-07	07/12/06 19:48
<i>Surrogate: 4-Bromofluorobenzene</i>		46.6		ug/L	50.0	93%	0 - 200		6071850	NPG0403-07	07/12/06 19:48



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

Work Order: NPG0403  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Number: SAP 136019  
Received: 07/06/06 07:50

### CERTIFICATION SUMMARY

#### TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Water			X
NA	Water			
SW846 8260B	Water	N/A	X	X

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

Work Order: NPG0403  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Number: SAP 136019  
Received: 07/06/06 07:50

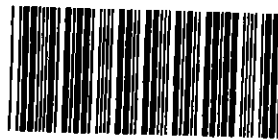
## NELAC CERTIFICATION SUMMARY

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

Method  
CA LUFT GC/MS

Matrix  
Water

Analyte  
Gasoline Range Organics



Cooler Received/Opened On July 6, 2006 @ 0750

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 3194

Fedex     UPS     Velocity     DHL     Route     Off-street     Misc.

2. Temperature of representative sample or temperature blank when opened: 0.5 Degrees Celsius  
(Indicate IR Gun ID#)

NA    A00466    A00750    A01124    100190    101282    Raynger ST

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

a. If yes, how many and where: 2 (front)

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

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

I certify that I opened the cooler and answered questions 1-5 (initial)..... JM

6. Were custody seals on containers:                      YES  NO                      and Intact                      YES NO  NA  
were these signed, and dated correctly?.....                      YES...NO... NA

7. What kind of packing material used?  Bubblewrap    Peanuts    Vermiculite    Foam Insert  
Plastic bag    Paper    Other \_\_\_\_\_    None

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

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

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

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

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

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

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... JM

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

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

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

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

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... JM

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

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

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

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

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... JM

I certify that I attached a label with the unique LIMS number to each container (initial)..... JM

19. Were there Non-Conformance issues at login YES  NO    Was a PIPE generated    YES    NO # \_\_\_\_\_

# SHELL Chain Of Custody Record

Lab Identification (if necessary):

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Nashville, Tennessee
- STL
- Other (location) \_\_\_\_\_

Shell Project Manager to be invoiced:

- ENVIRONMENTAL SERVICES
- TECHNICAL SERVICES
- CRMT HOUSTON

Denis Brown

NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY)

9 8 9 9 6 0 6 8

SAP or CRMT NUMBER (TS/CRMT)

DATE: 6/30/06

PAGE: 1 of 1

SAMPLING COMPANY: <b>Blaine Tech Services</b>		LOG CODE: <b>BTSS</b>	SITE ADDRESS: Street and City <b>1784 150th Ave., San Leandro</b>		State <b>CA</b>	GLOBAL ID NO: <b>T0600101230</b>
ADDRESS: <b>1680 Rogers Avenue, San Jose, CA 95112</b>			EDF DELIVERABLE TO (Responsible Party or Designee): <b>Anni Kremi, Cambria, Emeryville Office</b>		PHONE NO.: <b>(510) 420-3335</b>	E-MAIL: <b>Shell.em.edf@cambria-env.com</b>
PROJECT CONTACT (Hardcopy or PDF Report to): <b>Michael Ninokata</b>			SAMPLER NAME(S) (Print): <b>S. Carmack</b>		CONSULTANT PROJECT NO.: <b>BTS # 060629-52</b>	
TELEPHONE: <b>408-573-0555</b>	FAX: <b>408-573-7771</b>	E-MAIL: <b>mninokata@blainetech.com</b>	<b>LAB USE ONLY</b>			

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS):

STD  5 DAY  3 DAY  2 DAY  24 HOURS

RESULTS NEEDED ON WEEKEND

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

**NPG0403**  
07/20/06 23:59

RECEIPT VERIFICATION REQUESTED

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TEMPERATURE ON RECEIPT C°	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
		DATE	TIME																	
	MW-2	04/30/06	1412	H <sub>2</sub> O	3	X	X	X	X	X	X	X	X	X	X	X	X	X	NPG 0403H	
	MW-3		1435		3	X	X	X	X	X	X	X	X	X	X	X	X	X	2	
	MW-4		1350		3	X	X	X	X	X	X	X	X	X	X	X	X	X	3	
	MW-5		1250		3	X	X	X	X	X	X	X	X	X	X	X	X	X	4	
	MW-7		1045		3	X	X	X	X	X	X	X	X	X	X	X	X	X	5	
	MW-8		1205		3	X	X	X	X	X	X	X	X	X	X	X	X	X	6	
	MW-10		1345		3	X	X	X	X	X	X	X	X	X	X	X	X	X	7	
	MW-11		1435		3	X	X	X	X	X	X	X	X	X	X	X	X	X	8	
	MW-12		1115		3	X	X	X	X	X	X	X	X	X	X	X	X	X	9	

Relinquished by: (Signature)	Received by: (Signature)	Date: <u>06/30/06</u>	Time: <u>1620</u>
Relinquished by: (Signature)	Received by: (Signature)	Date: <u>6/30/06</u>	Time: <u>1630</u>
Relinquished by: (Signature)	Received by: (Signature)	Date: <u>6/30/06</u>	Time: <u>1725</u>

**COURIER PICK-UP (CLIENT ADDRESS)**

<b>Date Requested:</b> <u>09/15/05 8:10AM</u>	<b>Delivery/Pickup Date:</b> <u>06/30/06 Anytime</u>
<b>Requested By:</b> <u>Blaine Tech Services</u>	<b>Client Contact:</b> <u>Mike Ninokata</u>
<b>Client Address:</b> <u>Blaine Tech Services</u>	<b>Client Phone#:</b> <u>x.202</u>
<u>1680 Rogers Ave</u>	<b>Created By:</b> <u>Lisa Race</u>
<u>San Jose, CA 95112</u>	<b>Project Manager:</b> <u>Theresa Allen</u>

<b>Miscellaneous Items Requested:</b>			
<b>Cooler(s):</b>	<b>Ice:</b>	<b>COC's:</b>	<b>Misc Items:</b>
None	None	None	None

<b>Comments:</b>
Cross Streets/Driving Directions: <u>None Supplied</u>
Comments: <u>No Comments</u>

# SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Shell  
 REC. BY (PRINT) EH  
 WORKORDER: \_\_\_\_\_

DATE REC'D AT LAB: 6/30/06  
 TIME REC'D AT LAB: 1725  
 DATE LOGGED IN: \_\_\_\_\_

For Regulatory Purposes?  
 DRINKING WATER YES / NO  
 WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: - CONDITION (ETC.)
1. Custody Seal(s)	Present / <u>Absent</u> Intact / Broken*									
2. Chain-of-Custody	<u>Present</u> / Absent*									
3. Traffic Reports or Packing List:	Present / <u>Absent</u>									
4. Airbill:	Airbill / Sticker Present / <u>Absent</u>									
5. Airbill #:										
6. Sample Labels:	<u>Present</u> / Absent									
7. Sample IDs:	<u>Listed</u> / Not Listed on Chain-of-Custody									
8. Sample Condition:	<u>Intact</u> / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree?	<u>Yes</u> / No*									
10. Sample received within hold time?	<u>Yes</u> / No*									
11. Adequate sample volume received?	<u>Yes</u> / No*									
12. Proper preservatives used?	<u>Yes</u> / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / <u>No</u>									
14. Read Temp:	<u>3.8</u>									
Corrected Temp:	<u>3.8</u>									
Is corrected temp 4 +/- 2°C?	<u>Yes</u> / No**									

W30 OK EH

IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Revision 7  
 Replaces Rev 5 (07/13/04)  
 Effective 07/19/05

May 15, 2006

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

Work Order: NPE0319  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Nbr: SAP 136019  
P/O Nbr: 98996068  
Date Received: 05/03/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-11	NPE0319-01	05/01/06 15:05

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

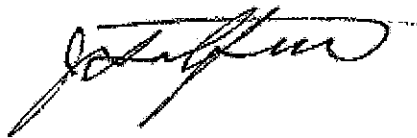
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California Certification Number: 01168CA

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Jim Hatfield  
Project Management

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

Work Order: NPE0319  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 05/03/06 07:45

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPE0319-01 (MW-11 - Water) Sampled: 05/01/06 15:05</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	28.9		ug/L	0.500	1	05/11/06 22:28	SW846 8260B	6052474
Benzene	4180		ug/L	25.0	50	05/12/06 18:42	SW846 8260B	6052709
Ethylbenzene	3180		ug/L	25.0	50	05/12/06 18:42	SW846 8260B	6052709
Methyl tert-Butyl Ether	4510		ug/L	25.0	50	05/12/06 18:42	SW846 8260B	6052709
Toluene	15100		ug/L	100	200	05/13/06 16:53	SW846 8260B	6052789
Tertiary Butyl Alcohol	3130		ug/L	500	50	05/12/06 18:42	SW846 8260B	6052709
Xylenes, total	18700		ug/L	25.0	50	05/12/06 18:42	SW846 8260B	6052709
1,2-Dichloroethane	92.1		ug/L	0.500	1	05/11/06 22:28	SW846 8260B	6052474
Surr: 1,2-Dichloroethane-d4 (70-130%)	105 %					05/11/06 22:28	SW846 8260B	6052474
Surr: 1,2-Dichloroethane-d4 (70-130%)	114 %					05/12/06 18:42	SW846 8260B	6052709
Surr: 1,2-Dichloroethane-d4 (70-130%)	116 %					05/13/06 16:53	SW846 8260B	6052789
Surr: Dibromofluoromethane (79-122%)	105 %					05/11/06 22:28	SW846 8260B	6052474
Surr: Dibromofluoromethane (79-122%)	109 %					05/12/06 18:42	SW846 8260B	6052709
Surr: Dibromofluoromethane (79-122%)	106 %					05/13/06 16:53	SW846 8260B	6052789
Surr: Toluene-d8 (78-121%)	104 %					05/11/06 22:28	SW846 8260B	6052474
Surr: Toluene-d8 (78-121%)	111 %					05/12/06 18:42	SW846 8260B	6052709
Surr: Toluene-d8 (78-121%)	119 %					05/13/06 16:53	SW846 8260B	6052789
Surr: 4-Bromofluorobenzene (78-126%)	107 %					05/11/06 22:28	SW846 8260B	6052474
Surr: 4-Bromofluorobenzene (78-126%)	97 %					05/12/06 18:42	SW846 8260B	6052709
Surr: 4-Bromofluorobenzene (78-126%)	94 %					05/13/06 16:53	SW846 8260B	6052789
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	129000		ug/L	2500	50	05/12/06 18:42	CA LUFT GC/MS	6052709



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

Work Order: NPE0319  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 05/03/06 07:45

## PROJECT QUALITY CONTROL DATA

### Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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#### Volatile Organic Compounds by EPA Method 8260B

##### 6052474-BLK1

Benzene	<0.200		ug/L	6052474	6052474-BLK1	05/11/06 17:31
Ethylbenzene	<0.200		ug/L	6052474	6052474-BLK1	05/11/06 17:31
Methyl tert-Butyl Ether	<0.200		ug/L	6052474	6052474-BLK1	05/11/06 17:31
Toluene	<0.200		ug/L	6052474	6052474-BLK1	05/11/06 17:31
Tertiary Butyl Alcohol	<5.06		ug/L	6052474	6052474-BLK1	05/11/06 17:31
Xylenes, total	<0.350		ug/L	6052474	6052474-BLK1	05/11/06 17:31
1,2-Dichloroethane	<0.390		ug/L	6052474	6052474-BLK1	05/11/06 17:31
Surrogate: 1,2-Dichloroethane-d4	104%			6052474	6052474-BLK1	05/11/06 17:31
Surrogate: 1,2-Dichloroethane-d4	104%			6052474	6052474-BLK1	05/11/06 17:31
Surrogate: Dibromofluoromethane	106%			6052474	6052474-BLK1	05/11/06 17:31
Surrogate: Dibromofluoromethane	106%			6052474	6052474-BLK1	05/11/06 17:31
Surrogate: Toluene-d8	102%			6052474	6052474-BLK1	05/11/06 17:31
Surrogate: Toluene-d8	102%			6052474	6052474-BLK1	05/11/06 17:31
Surrogate: 4-Bromofluorobenzene	112%			6052474	6052474-BLK1	05/11/06 17:31
Surrogate: 4-Bromofluorobenzene	112%			6052474	6052474-BLK1	05/11/06 17:31

##### 6052709-BLK1

Tert-Amyl Methyl Ether	<0.200		ug/L	6052709	6052709-BLK1	05/12/06 17:58
Benzene	<0.200		ug/L	6052709	6052709-BLK1	05/12/06 17:58
Ethyl tert-Butyl Ether	<0.200		ug/L	6052709	6052709-BLK1	05/12/06 17:58
Diisopropyl Ether	<0.200		ug/L	6052709	6052709-BLK1	05/12/06 17:58
Ethylbenzene	<0.200		ug/L	6052709	6052709-BLK1	05/12/06 17:58
Methyl tert-Butyl Ether	<0.200		ug/L	6052709	6052709-BLK1	05/12/06 17:58
Toluene	<0.200		ug/L	6052709	6052709-BLK1	05/12/06 17:58
Tertiary Butyl Alcohol	<5.06		ug/L	6052709	6052709-BLK1	05/12/06 17:58
Xylenes, total	<0.350		ug/L	6052709	6052709-BLK1	05/12/06 17:58
Surrogate: 1,2-Dichloroethane-d4	112%			6052709	6052709-BLK1	05/12/06 17:58
Surrogate: Dibromofluoromethane	108%			6052709	6052709-BLK1	05/12/06 17:58
Surrogate: Toluene-d8	112%			6052709	6052709-BLK1	05/12/06 17:58
Surrogate: 4-Bromofluorobenzene	101%			6052709	6052709-BLK1	05/12/06 17:58

##### 6052789-BLK1

Benzene	<0.200		ug/L	6052789	6052789-BLK1	05/13/06 06:56
Ethylbenzene	<0.200		ug/L	6052789	6052789-BLK1	05/13/06 06:56
Toluene	<0.200		ug/L	6052789	6052789-BLK1	05/13/06 06:56
Xylenes, total	<0.350		ug/L	6052789	6052789-BLK1	05/13/06 06:56
Surrogate: 1,2-Dichloroethane-d4	120%			6052789	6052789-BLK1	05/13/06 06:56
Surrogate: Dibromofluoromethane	109%			6052789	6052789-BLK1	05/13/06 06:56
Surrogate: Toluene-d8	113%			6052789	6052789-BLK1	05/13/06 06:56
Surrogate: 4-Bromofluorobenzene	96%			6052789	6052789-BLK1	05/13/06 06:56

#### Purgeable Petroleum Hydrocarbons

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

Work Order: NPE0319  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 05/03/06 07:45

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Purgeable Petroleum Hydrocarbons</b>						
<b>6052474-BLK1</b>						
Gasoline Range Organics	<50.0		ug/L	6052474	6052474-BLK1	05/11/06 17:31
Surrogate: 1,2-Dichloroethane-d4	104%			6052474	6052474-BLK1	05/11/06 17:31
Surrogate: Dibromofluoromethane	106%			6052474	6052474-BLK1	05/11/06 17:31
Surrogate: Toluene-d8	102%			6052474	6052474-BLK1	05/11/06 17:31
Surrogate: 4-Bromofluorobenzene	112%			6052474	6052474-BLK1	05/11/06 17:31
<b>6052709-BLK1</b>						
Gasoline Range Organics	<50.0		ug/L	6052709	6052709-BLK1	05/12/06 17:58
Surrogate: 1,2-Dichloroethane-d4	112%			6052709	6052709-BLK1	05/12/06 17:58
Surrogate: Dibromofluoromethane	108%			6052709	6052709-BLK1	05/12/06 17:58
Surrogate: Toluene-d8	112%			6052709	6052709-BLK1	05/12/06 17:58
Surrogate: 4-Bromofluorobenzene	101%			6052709	6052709-BLK1	05/12/06 17:58

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

Work Order: NPE0319  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 05/03/06 07:45

PROJECT QUALITY CONTROL DATA  
 LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>6052474-BS1</b>								
Tert-Amyl Methyl Ether	50.0	53.7		ug/L	107%	56 - 145	6052474	05/11/06 16:24
Benzene	50.0	52.6		ug/L	105%	79 - 123	6052474	05/11/06 16:24
Ethyl tert-Butyl Ether	50.0	53.6		ug/L	107%	64 - 141	6052474	05/11/06 16:24
Diisopropyl Ether	50.0	55.4		ug/L	111%	73 - 135	6052474	05/11/06 16:24
Ethylbenzene	50.0	50.2		ug/L	100%	79 - 125	6052474	05/11/06 16:24
Methyl tert-Butyl Ether	50.0	48.3		ug/L	97%	66 - 142	6052474	05/11/06 16:24
Toluene	50.0	50.4		ug/L	101%	78 - 122	6052474	05/11/06 16:24
Tertiary Butyl Alcohol	500	440		ug/L	88%	42 - 154	6052474	05/11/06 16:24
Xylenes, total	150	157		ug/L	105%	79 - 130	6052474	05/11/06 16:24
1,2-Dichloroethane	50.0	54.8		ug/L	110%	74 - 131	6052474	05/11/06 16:24
Surrogate: 1,2-Dichloroethane-d4	50.0	52.2			104%	70 - 130	6052474	05/11/06 16:24
Surrogate: 1,2-Dichloroethane-d4	50.0	52.2			104%	70 - 130	6052474	05/11/06 16:24
Surrogate: 1,2-Dichloroethane-d4	50.0	52.2			104%	70 - 130	6052474	05/11/06 16:24
Surrogate: Dibromofluoromethane	50.0	52.2			104%	79 - 122	6052474	05/11/06 16:24
Surrogate: Dibromofluoromethane	50.0	52.2			104%	79 - 122	6052474	05/11/06 16:24
Surrogate: Dibromofluoromethane	50.0	52.2			104%	79 - 122	6052474	05/11/06 16:24
Surrogate: Toluene-d8	50.0	50.5			101%	78 - 121	6052474	05/11/06 16:24
Surrogate: Toluene-d8	50.0	50.5			101%	78 - 121	6052474	05/11/06 16:24
Surrogate: Toluene-d8	50.0	50.5			101%	78 - 121	6052474	05/11/06 16:24
Surrogate: 4-Bromofluorobenzene	50.0	53.4			107%	78 - 126	6052474	05/11/06 16:24
Surrogate: 4-Bromofluorobenzene	50.0	53.4			107%	78 - 126	6052474	05/11/06 16:24
Surrogate: 4-Bromofluorobenzene	50.0	53.4			107%	78 - 126	6052474	05/11/06 16:24
<b>6052709-BS1</b>								
Tert-Amyl Methyl Ether	50.0	45.9		ug/L	92%	56 - 145	6052709	05/12/06 16:51
Benzene	50.0	44.4		ug/L	89%	79 - 123	6052709	05/12/06 16:51
Ethyl tert-Butyl Ether	50.0	44.5		ug/L	89%	64 - 141	6052709	05/12/06 16:51
Diisopropyl Ether	50.0	48.2		ug/L	96%	73 - 135	6052709	05/12/06 16:51
Ethylbenzene	50.0	49.7		ug/L	99%	79 - 125	6052709	05/12/06 16:51
Methyl tert-Butyl Ether	50.0	42.5		ug/L	85%	66 - 142	6052709	05/12/06 16:51
Toluene	50.0	49.2		ug/L	98%	78 - 122	6052709	05/12/06 16:51
Tertiary Butyl Alcohol	500	395		ug/L	79%	42 - 154	6052709	05/12/06 16:51
Xylenes, total	150	154		ug/L	103%	79 - 130	6052709	05/12/06 16:51
Surrogate: 1,2-Dichloroethane-d4	50.0	56.6			113%	70 - 130	6052709	05/12/06 16:51
Surrogate: 1,2-Dichloroethane-d4	50.0	56.6			113%	70 - 130	6052709	05/12/06 16:51
Surrogate: Dibromofluoromethane	50.0	52.7			105%	79 - 122	6052709	05/12/06 16:51
Surrogate: Dibromofluoromethane	50.0	52.7			105%	79 - 122	6052709	05/12/06 16:51
Surrogate: Toluene-d8	50.0	56.5			113%	78 - 121	6052709	05/12/06 16:51
Surrogate: Toluene-d8	50.0	56.5			113%	78 - 121	6052709	05/12/06 16:51
Surrogate: 4-Bromofluorobenzene	50.0	49.7			99%	78 - 126	6052709	05/12/06 16:51
Surrogate: 4-Bromofluorobenzene	50.0	49.7			99%	78 - 126	6052709	05/12/06 16:51

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

Work Order: NPE0319  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 05/03/06 07:45

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatiles Organic Compounds by EPA Method 8260B</b>								
<b>6052789-BS1</b>								
Benzene	50.0	43.4		ug/L	87%	79 - 123	6052789	05/13/06 05:49
Ethylbenzene	50.0	51.3		ug/L	103%	79 - 125	6052789	05/13/06 05:49
Toluene	50.0	51.8		ug/L	104%	78 - 122	6052789	05/13/06 05:49
Xylenes, total	150	160		ug/L	107%	79 - 130	6052789	05/13/06 05:49
Surrogate: 1,2-Dichloroethane-d4	50.0	58.0			116%	70 - 130	6052789	05/13/06 05:49
Surrogate: Dibromofluoromethane	50.0	51.8			104%	79 - 122	6052789	05/13/06 05:49
Surrogate: Toluene-d8	50.0	57.9			116%	78 - 121	6052789	05/13/06 05:49
Surrogate: 4-Bromofluorobenzene	50.0	47.3			95%	78 - 126	6052789	05/13/06 05:49
<b>Purgeable Petroleum Hydrocarbons</b>								
<b>6052474-BS1</b>								
Gasoline Range Organics	3050	2750		ug/L	90%	67 - 130	6052474	05/11/06 16:24
Surrogate: 1,2-Dichloroethane-d4	50.0	52.2			104%	70 - 130	6052474	05/11/06 16:24
Surrogate: Dibromofluoromethane	50.0	52.2			104%	70 - 130	6052474	05/11/06 16:24
Surrogate: Toluene-d8	50.0	50.5			101%	70 - 130	6052474	05/11/06 16:24
Surrogate: 4-Bromofluorobenzene	50.0	53.4			107%	70 - 130	6052474	05/11/06 16:24
<b>6052709-BS1</b>								
Gasoline Range Organics	3050	2630		ug/L	86%	67 - 130	6052709	05/12/06 16:51
Surrogate: 1,2-Dichloroethane-d4	50.0	56.6			113%	70 - 130	6052709	05/12/06 16:51
Surrogate: Dibromofluoromethane	50.0	52.7			105%	70 - 130	6052709	05/12/06 16:51
Surrogate: Toluene-d8	50.0	56.5			113%	70 - 130	6052709	05/12/06 16:51
Surrogate: 4-Bromofluorobenzene	50.0	49.7			99%	70 - 130	6052709	05/12/06 16:51

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

Work Order: NPE0319  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 05/03/06 07:45

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>6052474-MS1</b>										
Tert-Amyl Methyl Ether	1.13	19.4	M8	ug/L	50.0	37%	45 - 155	6052474	NPE0310-01	05/12/06 01:48
Benzene	41.3	58.3	M8	ug/L	50.0	34%	71 - 137	6052474	NPE0310-01	05/12/06 01:48
Ethyl tert-Butyl Ether	ND	19.3	M8	ug/L	50.0	39%	57 - 148	6052474	NPE0310-01	05/12/06 01:48
Diisopropyl Ether	1.14	22.3	M8	ug/L	50.0	42%	67 - 143	6052474	NPE0310-01	05/12/06 01:48
Ethylbenzene	3.83	25.9	M8	ug/L	50.0	44%	72 - 139	6052474	NPE0310-01	05/12/06 01:48
Methyl tert-Butyl Ether	ND	19.5	M8	ug/L	50.0	39%	55 - 152	6052474	NPE0310-01	05/12/06 01:48
Toluene	4.62	27.9	M8	ug/L	50.0	47%	73 - 133	6052474	NPE0310-01	05/12/06 01:48
Tertiary Butyl Alcohol	ND	217		ug/L	500	43%	19 - 183	6052474	NPE0310-01	05/12/06 01:48
Xylenes, total	26.1	94.7	M8	ug/L	150	46%	70 - 143	6052474	NPE0310-01	05/12/06 01:48
1,2-Dichloroethane	0.830	22.8	M8	ug/L	50.0	44%	70 - 140	6052474	NPE0310-01	05/12/06 01:48
Surrogate: 1,2-Dichloroethane-d4		54.1		ug/L	50.0	108%	70 - 130	6052474	NPE0310-01	05/12/06 01:48
Surrogate: 1,2-Dichloroethane-d4		54.1		ug/L	50.0	108%	70 - 130	6052474	NPE0310-01	05/12/06 01:48
Surrogate: 1,2-Dichloroethane-d4		54.1		ug/L	50.0	108%	70 - 130	6052474	NPE0310-01	05/12/06 01:48
Surrogate: Dibromofluoromethane		53.8		ug/L	50.0	108%	79 - 122	6052474	NPE0310-01	05/12/06 01:48
Surrogate: Dibromofluoromethane		53.8		ug/L	50.0	108%	79 - 122	6052474	NPE0310-01	05/12/06 01:48
Surrogate: Dibromofluoromethane		53.8		ug/L	50.0	108%	79 - 122	6052474	NPE0310-01	05/12/06 01:48
Surrogate: Toluene-d8		53.7		ug/L	50.0	107%	78 - 121	6052474	NPE0310-01	05/12/06 01:48
Surrogate: Toluene-d8		53.7		ug/L	50.0	107%	78 - 121	6052474	NPE0310-01	05/12/06 01:48
Surrogate: Toluene-d8		53.7		ug/L	50.0	107%	78 - 121	6052474	NPE0310-01	05/12/06 01:48
Surrogate: 4-Bromofluorobenzene		52.9		ug/L	50.0	106%	78 - 126	6052474	NPE0310-01	05/12/06 01:48
Surrogate: 4-Bromofluorobenzene		52.9		ug/L	50.0	106%	78 - 126	6052474	NPE0310-01	05/12/06 01:48
Surrogate: 4-Bromofluorobenzene		52.9		ug/L	50.0	106%	78 - 126	6052474	NPE0310-01	05/12/06 01:48
<b>6052709-MS1</b>										
Tert-Amyl Methyl Ether	ND	51.2		ug/L	50.0	102%	45 - 155	6052709	NPE0781-01	05/13/06 04:20
Benzene	ND	54.1		ug/L	50.0	108%	71 - 137	6052709	NPE0781-01	05/13/06 04:20
Ethyl tert-Butyl Ether	ND	51.9		ug/L	50.0	104%	57 - 148	6052709	NPE0781-01	05/13/06 04:20
Diisopropyl Ether	ND	55.8		ug/L	50.0	112%	67 - 143	6052709	NPE0781-01	05/13/06 04:20
Ethylbenzene	ND	63.0		ug/L	50.0	126%	72 - 139	6052709	NPE0781-01	05/13/06 04:20
Methyl tert-Butyl Ether	8.21	57.9		ug/L	50.0	99%	55 - 152	6052709	NPE0781-01	05/13/06 04:20
Toluene	ND	63.3		ug/L	50.0	127%	73 - 133	6052709	NPE0781-01	05/13/06 04:20
Tertiary Butyl Alcohol	ND	664		ug/L	500	133%	19 - 183	6052709	NPE0781-01	05/13/06 04:20
Xylenes, total	ND	195		ug/L	150	130%	70 - 143	6052709	NPE0781-01	05/13/06 04:20
Surrogate: 1,2-Dichloroethane-d4		60.3		ug/L	50.0	121%	70 - 130	6052709	NPE0781-01	05/13/06 04:20
Surrogate: 1,2-Dichloroethane-d4		60.3		ug/L	50.0	121%	70 - 130	6052709	NPE0781-01	05/13/06 04:20
Surrogate: Dibromofluoromethane		53.2		ug/L	50.0	106%	79 - 122	6052709	NPE0781-01	05/13/06 04:20
Surrogate: Dibromofluoromethane		53.2		ug/L	50.0	106%	79 - 122	6052709	NPE0781-01	05/13/06 04:20
Surrogate: Toluene-d8		58.4		ug/L	50.0	117%	78 - 121	6052709	NPE0781-01	05/13/06 04:20

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
 5900 Hollis Street, Suite A  
 Emeryville, CA 94608  
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Work Order: NPE0319  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 05/03/06 07:45

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>6052709-MS1</b>										
Surrogate: Toluene-d8		58.4		ug/L	50.0	117%	78 - 121	6052709	NPE0781-01	05/13/06 04:20
Surrogate: 4-Bromofluorobenzene		49.0		ug/L	50.0	98%	78 - 126	6052709	NPE0781-01	05/13/06 04:20
Surrogate: 4-Bromofluorobenzene		49.0		ug/L	50.0	98%	78 - 126	6052709	NPE0781-01	05/13/06 04:20
<b>6052789-MS1</b>										
Benzene	ND	51.3		ug/L	50.0	103%	71 - 137	6052789	NPE0916-06	05/13/06 17:15
Ethylbenzene	ND	64.2		ug/L	50.0	128%	72 - 139	6052789	NPE0916-06	05/13/06 17:15
Toluene	1.38	69.0	M7	ug/L	50.0	135%	73 - 133	6052789	NPE0916-06	05/13/06 17:15
Xylenes, total	ND	198		ug/L	150	132%	70 - 143	6052789	NPE0916-06	05/13/06 17:15
Surrogate: 1,2-Dichloroethane-d4		60.4		ug/L	50.0	121%	70 - 130	6052789	NPE0916-06	05/13/06 17:15
Surrogate: Dibromofluoromethane		54.7		ug/L	50.0	109%	79 - 122	6052789	NPE0916-06	05/13/06 17:15
Surrogate: Toluene-d8		60.5		ug/L	50.0	121%	78 - 121	6052789	NPE0916-06	05/13/06 17:15
Surrogate: 4-Bromofluorobenzene		49.1		ug/L	50.0	98%	78 - 126	6052789	NPE0916-06	05/13/06 17:15
<b>Purgeable Petroleum Hydrocarbons</b>										
<b>6052474-MS1</b>										
Gasoline Range Organics	268	1440	M8	ug/L	3050	38%	60 - 140	6052474	NPE0310-01	05/12/06 01:48
Surrogate: 1,2-Dichloroethane-d4		54.1		ug/L	50.0	108%	0 - 200	6052474	NPE0310-01	05/12/06 01:48
Surrogate: Dibromofluoromethane		53.8		ug/L	50.0	108%	0 - 200	6052474	NPE0310-01	05/12/06 01:48
Surrogate: Toluene-d8		53.7		ug/L	50.0	107%	0 - 200	6052474	NPE0310-01	05/12/06 01:48
Surrogate: 4-Bromofluorobenzene		52.9		ug/L	50.0	106%	0 - 200	6052474	NPE0310-01	05/12/06 01:48
<b>6052709-MS1</b>										
Gasoline Range Organics	ND	2870		ug/L	3050	94%	60 - 140	6052709	NPE0781-01	05/13/06 04:20
Surrogate: 1,2-Dichloroethane-d4		60.3		ug/L	50.0	121%	0 - 200	6052709	NPE0781-01	05/13/06 04:20
Surrogate: Dibromofluoromethane		53.2		ug/L	50.0	106%	0 - 200	6052709	NPE0781-01	05/13/06 04:20
Surrogate: Toluene-d8		58.4		ug/L	50.0	117%	0 - 200	6052709	NPE0781-01	05/13/06 04:20
Surrogate: 4-Bromofluorobenzene		49.0		ug/L	50.0	98%	0 - 200	6052709	NPE0781-01	05/13/06 04:20

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

Work Order: NPE0319  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 05/03/06 07:45

## PROJECT QUALITY CONTROL DATA

### Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>6052474-MSD1</b>												
Tert-Amyl Methyl Ether	1.13	61.7	R2	ug/L	50.0	121%	45 - 155	104	24	6052474	NPE0310-01	05/12/06 02:10
Benzene	41.3	99.1	R2	ug/L	50.0	116%	71 - 137	52	23	6052474	NPE0310-01	05/12/06 02:10
Ethyl tert-Butyl Ether	ND	61.3	R2	ug/L	50.0	123%	57 - 148	104	22	6052474	NPE0310-01	05/12/06 02:10
Diisopropyl Ether	1.14	67.9	R2	ug/L	50.0	134%	67 - 143	101	22	6052474	NPE0310-01	05/12/06 02:10
Ethylbenzene	3.83	68.0	R2	ug/L	50.0	128%	72 - 139	90	23	6052474	NPE0310-01	05/12/06 02:10
Methyl tert-Butyl Ether	ND	59.9	R2	ug/L	50.0	120%	55 - 152	102	27	6052474	NPE0310-01	05/12/06 02:10
Toluene	4.62	68.1	R2	ug/L	50.0	127%	73 - 133	84	25	6052474	NPE0310-01	05/12/06 02:10
Tertiary Butyl Alcohol	ND	733	R2	ug/L	500	147%	19 - 183	109	39	6052474	NPE0310-01	05/12/06 02:10
Xylenes, total	26.1	222	R2	ug/L	150	131%	70 - 143	80	27	6052474	NPE0310-01	05/12/06 02:10
1,2-Dichloroethane	0.830	66.4	R2	ug/L	50.0	131%	70 - 140	98	21	6052474	NPE0310-01	05/12/06 02:10
Surrogate: 1,2-Dichloroethane-d4		56.5		ug/L	50.0	113%	70 - 130			6052474	NPE0310-01	05/12/06 02:10
Surrogate: 1,2-Dichloroethane-d4		56.5		ug/L	50.0	113%	70 - 130			6052474	NPE0310-01	05/12/06 02:10
Surrogate: 1,2-Dichloroethane-d4		56.5		ug/L	50.0	113%	70 - 130			6052474	NPE0310-01	05/12/06 02:10
Surrogate: Dibromofluoromethane		53.8		ug/L	50.0	108%	79 - 122			6052474	NPE0310-01	05/12/06 02:10
Surrogate: Dibromofluoromethane		53.8		ug/L	50.0	108%	79 - 122			6052474	NPE0310-01	05/12/06 02:10
Surrogate: Dibromofluoromethane		53.8		ug/L	50.0	108%	79 - 122			6052474	NPE0310-01	05/12/06 02:10
Surrogate: Toluene-d8		51.2		ug/L	50.0	102%	78 - 121			6052474	NPE0310-01	05/12/06 02:10
Surrogate: Toluene-d8		51.2		ug/L	50.0	102%	78 - 121			6052474	NPE0310-01	05/12/06 02:10
Surrogate: Toluene-d8		51.2		ug/L	50.0	102%	78 - 121			6052474	NPE0310-01	05/12/06 02:10
Surrogate: 4-Bromofluorobenzene		51.5		ug/L	50.0	103%	78 - 126			6052474	NPE0310-01	05/12/06 02:10
Surrogate: 4-Bromofluorobenzene		51.5		ug/L	50.0	103%	78 - 126			6052474	NPE0310-01	05/12/06 02:10
Surrogate: 4-Bromofluorobenzene		51.5		ug/L	50.0	103%	78 - 126			6052474	NPE0310-01	05/12/06 02:10
<b>6052709-MSD1</b>												
Tert-Amyl Methyl Ether	ND	46.4		ug/L	50.0	93%	45 - 155	10	24	6052709	NPE0781-01	05/13/06 04:42
Benzene	ND	48.0		ug/L	50.0	96%	71 - 137	12	23	6052709	NPE0781-01	05/13/06 04:42
Ethyl tert-Butyl Ether	ND	46.3		ug/L	50.0	93%	57 - 148	11	22	6052709	NPE0781-01	05/13/06 04:42
Diisopropyl Ether	ND	51.0		ug/L	50.0	102%	67 - 143	9	22	6052709	NPE0781-01	05/13/06 04:42
Ethylbenzene	ND	55.7		ug/L	50.0	111%	72 - 139	12	23	6052709	NPE0781-01	05/13/06 04:42
Methyl tert-Butyl Ether	8.21	52.0		ug/L	50.0	88%	55 - 152	11	27	6052709	NPE0781-01	05/13/06 04:42
Toluene	ND	56.0		ug/L	50.0	112%	73 - 133	12	25	6052709	NPE0781-01	05/13/06 04:42
Tertiary Butyl Alcohol	ND	630		ug/L	500	126%	19 - 183	5	39	6052709	NPE0781-01	05/13/06 04:42
Xylenes, total	ND	174		ug/L	150	116%	70 - 143	11	27	6052709	NPE0781-01	05/13/06 04:42
Surrogate: 1,2-Dichloroethane-d4		58.9		ug/L	50.0	118%	70 - 130			6052709	NPE0781-01	05/13/06 04:42
Surrogate: 1,2-Dichloroethane-d4		58.9		ug/L	50.0	118%	70 - 130			6052709	NPE0781-01	05/13/06 04:42
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	79 - 122			6052709	NPE0781-01	05/13/06 04:42
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	79 - 122			6052709	NPE0781-01	05/13/06 04:42
Surrogate: Toluene-d8		58.0		ug/L	50.0	116%	78 - 121			6052709	NPE0781-01	05/13/06 04:42
Surrogate: Toluene-d8		58.0		ug/L	50.0	116%	78 - 121			6052709	NPE0781-01	05/13/06 04:42
Surrogate: 4-Bromofluorobenzene		47.9		ug/L	50.0	96%	78 - 126			6052709	NPE0781-01	05/13/06 04:42
Surrogate: 4-Bromofluorobenzene		47.9		ug/L	50.0	96%	78 - 126			6052709	NPE0781-01	05/13/06 04:42

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
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Work Order: NPE0319  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 05/03/06 07:45

**PROJECT QUALITY CONTROL DATA**

**Matrix Spike Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>6052789-MSD1</b>												
Benzene	ND	52.2		ug/L	50.0	104%	71 - 137	2	23	6052789	NPE0916-06	05/13/06 17:38
Ethylbenzene	ND	62.5		ug/L	50.0	125%	72 - 139	3	23	6052789	NPE0916-06	05/13/06 17:38
Toluene	1.38	66.0		ug/L	50.0	129%	73 - 133	4	25	6052789	NPE0916-06	05/13/06 17:38
Xylenes, total	ND	196		ug/L	150	131%	70 - 143	1	27	6052789	NPE0916-06	05/13/06 17:38
Surrogate: 1,2-Dichloroethane-d4		62.5		ug/L	50.0	125%	70 - 130			6052789	NPE0916-06	05/13/06 17:38
Surrogate: Dibromofluoromethane		53.6		ug/L	50.0	107%	79 - 122			6052789	NPE0916-06	05/13/06 17:38
Surrogate: Toluene-d8		59.9		ug/L	50.0	120%	78 - 121			6052789	NPE0916-06	05/13/06 17:38
Surrogate: 4-Bromofluorobenzene		47.3		ug/L	50.0	95%	78 - 126			6052789	NPE0916-06	05/13/06 17:38
<b>Purgeable Petroleum Hydrocarbons</b>												
<b>6052474-MSD1</b>												
Gasoline Range Organics	268	3230	R2	ug/L	3050	97%	60 - 140	77	40	6052474	NPE0310-01	05/12/06 02:10
Surrogate: 1,2-Dichloroethane-d4		56.5		ug/L	50.0	113%	0 - 200			6052474	NPE0310-01	05/12/06 02:10
Surrogate: Dibromofluoromethane		53.8		ug/L	50.0	108%	0 - 200			6052474	NPE0310-01	05/12/06 02:10
Surrogate: Toluene-d8		51.2		ug/L	50.0	102%	0 - 200			6052474	NPE0310-01	05/12/06 02:10
Surrogate: 4-Bromofluorobenzene		51.5		ug/L	50.0	103%	0 - 200			6052474	NPE0310-01	05/12/06 02:10
<b>6052709-MSD1</b>												
Gasoline Range Organics	ND	2540		ug/L	3050	83%	60 - 140	12	40	6052709	NPE0781-01	05/13/06 04:42
Surrogate: 1,2-Dichloroethane-d4		58.9		ug/L	50.0	118%	0 - 200			6052709	NPE0781-01	05/13/06 04:42
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	0 - 200			6052709	NPE0781-01	05/13/06 04:42
Surrogate: Toluene-d8		58.0		ug/L	50.0	116%	0 - 200			6052709	NPE0781-01	05/13/06 04:42
Surrogate: 4-Bromofluorobenzene		47.9		ug/L	50.0	96%	0 - 200			6052709	NPE0781-01	05/13/06 04:42



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

Work Order: NPE0319  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Number: SAP 136019  
Received: 05/03/06 07:45

### CERTIFICATION SUMMARY

#### TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Water			X
NA	Water			
SW846 8260B	Water	N/A	X	X

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

Work Order: NPE0319  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Number: SAP 136019  
Received: 05/03/06 07:45

## NELAC CERTIFICATION SUMMARY

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

Method  
CA LUFT GC/MS

Matrix  
Water

Analyte  
Gasoline Range Organics

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

Attn Anni Kreml

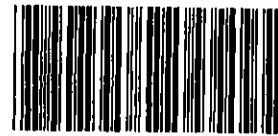
Work Order: NPE0319  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Number: SAP 136019  
Received: 05/03/06 07:45

---

#### DATA QUALIFIERS AND DEFINITIONS

**M7** The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).  
**M8** The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).  
**R2** The RPD exceeded the acceptance limit.

#### METHOD MODIFICATION NOTES



**Nashville Division**  
**COOLER RECEIPT FORM**

BC#

NPE0319

Cooler Received/Opened On: May 3, 2006 @ 07:45

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 10600

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

2. Temperature of representative sample or temperature blank when opened: 3.9 Degrees Celsius (indicate IR Gun ID#)

NA      A00466      A00750      A01124      100190      101282      Raynger ST

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

a. If yes, how many and where: 1 - FRONT

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

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

I certify that I opened the cooler and answered questions 1-5 (initial)..... RD

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

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

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

Plastic bag      Paper      Other \_\_\_\_\_      None

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

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

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

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

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

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

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... RD

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

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

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

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

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... RD

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

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

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

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

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... RD

I certify that I attached a label with the unique LIMS number to each container (initial)..... RD

19. Were there Non-Conformance issues at login YES NO      Was a PIPE generated      YES      NO # \_\_\_\_\_

# SHELL Chain Of Custody Record

LAB: Test America STL Other \_\_\_\_\_

Lab Identification (if necessary):

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Nashville, Tenne
- STL
- Other (location) \_\_\_\_\_

NPE0319

05/13/06 23:59

Shell Project Manager to be invoiced:

ENVIRONMENTAL SERVICES

**Denis Brown**

TECHNICAL SERVICES

CRMT HOUSTON

NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY)

9 8 9 9 6 0 6 8

SAP or CRMT NUMBER (TS/CRMT)

DATE: 5/1/06

PAGE: 1 of 1

SAMPLING COMPANY: <b>Blaine Tech Services</b>	LOG CODE: <b>BTSS</b>	SITE ADDRESS: Street and City <b>1784 150th Ave., San Leandro</b>	State <b>CA</b>	GLOBAL ID NO.: <b>T0600101230</b>
ADDRESS: <b>1680 Rogers Avenue, San Jose, CA 95112</b>		EDF DELIVERABLE TO (Responsible Party or Designee): <b>Anni Kreml, Cambria, Emeryville Office</b>	PHONE NO.: <b>(510) 420-3335</b>	E-MAIL: <b>Shell.em.edf@cambria-env.com</b>
PROJECT CONTACT (Hardcopy or PDF Report to): <b>Michael Ninokata</b>		CONSULTANT PROJECT NO.: <b>BTS # 060501-012</b>		
TELEPHONE: <b>408-573-0555</b>	FAX: <b>408-573-7771</b>	E-MAIL: <b>mninokata@blainetech.com</b>		
TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS): <input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 DAY <input type="checkbox"/> 3 DAY <input type="checkbox"/> 2 DAY <input type="checkbox"/> 24 HOURS		<b>REQUESTED ANALYSIS</b>		
<input type="checkbox"/> RESULTS NEEDED ON WEEKEND				
<input type="checkbox"/> LA - RWQCB REPORT FORMAT <input type="checkbox"/> UST AGENCY: _____		<b>FIELD NOTES:</b> Container/Preservative or PID Readings or Laboratory Notes		
GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____				
SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED <input type="checkbox"/>		<b>TEMPERATURE ON RECEIPT C°</b>		
RECEIPT VERIFICATION REQUESTED <input checked="" type="checkbox"/>				

D. Reynolds

LAB USE ONLY

Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	6 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	MTBE (8260B) Confirmation, See Note	
	DATE	TIME																	
MW-11	5/1/06	1505	W	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	NPE0319-01

Relinquished by: (Signature) 	Received by: (Signature) 	Date: <u>5/1/06</u>	Time: <u>1550</u>
Relinquished by: (Signature) 	Received by: (Signature) 	Date: <u>5/1/06</u>	Time: <u>1600</u>
Relinquished by: (Signature) 	Received by: (Signature) 	Date: <u>5/1/06</u>	Time: <u>1655</u>

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

*Henry Chang 5-2-06*

*Denis Brown*

*05/3/06*

*0745*

10/18/00 Revision

Q&D Graphic (714) 998-9702

### COURIER PICK-UP (CLIENT ADDRESS)

 **RUSH**

<b>Date Requested:</b> <u>04/28/06 2:30PM</u>	<b>Delivery/Pickup Date:</b> <u>05/01/06 At 16:00</u>
<b>Requested By:</b> <u>Blaine Tech Services - San Jose (Shell)</u>	<b>Client Contact:</b> <u>Michael Ninokata</u>
<b>Client Address:</b> <u>Blaine Tech Services - San Jose (Shell)</u>	<b>Client Phone#:</b> <u>573-0555 x202</u>
<u>1680 Rogers Avenue</u>	<b>Created By:</b> <u>Theresa Allen</u>
<u>San Jose, CA 95112</u>	<b>Project Manager:</b> <u>Theresa Allen</u>

<b>Miscellaneous Items Requested:</b>			
<u>Cooler(s):</u>	<u>Ice:</u>	<u>COC's:</u>	<u>Misc Items:</u>
None	None	None	None

<b>Comments:</b>
Cross Streets/Driving Directions: <u>None Supplied</u>
Comments: <u>No Comments</u>

# Test America

ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Road Nashville, TN 37204 \* 800-765-0980 \* Fax 615-726-3404

May 01, 2006

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

Work Order: NPD2693  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Nbr: SAP 136019  
P/O Nbr: 98996068  
Date Received: 04/21/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-11	NPD2693-01	04/19/06 15:50

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

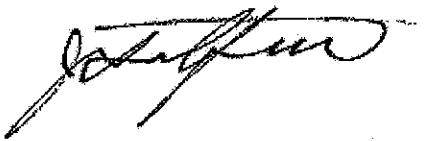
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California Certification Number: 01168CA

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Jim Hatfield  
Project Management

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

Work Order: NPD2693  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 04/21/06 08:10

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPD2693-01 (MW-11 - Water) Sampled: 04/19/06 15:50</b>								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	34.6		ug/L	0.500	1	04/27/06 09:44	SW846 8260B	6044224
Benzene	4780		ug/L	50.0	100	04/27/06 19:51	SW846 8260B	6045320
Ethylbenzene	3280		ug/L	50.0	100	04/27/06 19:51	SW846 8260B	6045320
Methyl tert-Butyl Ether	5550		ug/L	25.0	50	04/27/06 10:12	SW846 8260B	6044224
Toluene	12000		ug/L	50.0	100	04/27/06 19:51	SW846 8260B	6045320
Tertiary Butyl Alcohol	4010		ug/L	500	50	04/27/06 10:12	SW846 8260B	6044224
Xylenes, total	20200		ug/L	50.0	100	04/27/06 19:51	SW846 8260B	6045320
1,2-Dichloroethane	ND		ug/L	0.500	1	04/27/06 09:44	SW846 8260B	6044224
Surr: 1,2-Dichloroethane-d4 (70-130%)	90 %					04/27/06 19:29	SW846 8260B	6045320
Surr: 1,2-Dichloroethane-d4 (70-130%)	88 %					04/27/06 09:44	SW846 8260B	6044224
Surr: Dibromofluoromethane (79-122%)	89 %					04/27/06 09:44	SW846 8260B	6044224
Surr: Dibromofluoromethane (79-122%)	101 %					04/27/06 19:29	SW846 8260B	6045320
Surr: Toluene-d8 (78-121%)	102 %					04/27/06 19:29	SW846 8260B	6045320
Surr: Toluene-d8 (78-121%)	89 %					04/27/06 09:44	SW846 8260B	6044224
Surr: 4-Bromofluorobenzene (78-126%)	95 %					04/27/06 09:44	SW846 8260B	6044224
Surr: 4-Bromofluorobenzene (78-126%)	103 %					04/27/06 19:29	SW846 8260B	6045320
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	116000		ug/L	500	10	04/27/06 19:29	DA LUFT GC/MS	6045320



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

Work Order: NPD2693  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 04/21/06 08:10

**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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**Volatile Organic Compounds by EPA Method 8260B**

**6044224-BLK1**

Tert-Amyl Methyl Ether	<0.200		ug/L	6044224	6044224-BLK1	04/27/06 05:36
Ethyl tert-Butyl Ether	<0.200		ug/L	6044224	6044224-BLK1	04/27/06 05:36
Diisopropyl Ether	<0.200		ug/L	6044224	6044224-BLK1	04/27/06 05:36
Methyl tert-Butyl Ether	<0.200		ug/L	6044224	6044224-BLK1	04/27/06 05:36
Tertiary Butyl Alcohol	<5.06		ug/L	6044224	6044224-BLK1	04/27/06 05:36
1,2-Dichloroethane	<0.390		ug/L	6044224	6044224-BLK1	04/27/06 05:36
Surrogate: 1,2-Dichloroethane-d4	104%			6044224	6044224-BLK1	04/27/06 05:36
Surrogate: Dibromofluoromethane	108%			6044224	6044224-BLK1	04/27/06 05:36
Surrogate: Toluene-d8	90%			6044224	6044224-BLK1	04/27/06 05:36
Surrogate: 4-Bromofluorobenzene	100%			6044224	6044224-BLK1	04/27/06 05:36

**6045320-BLK1**

Benzene	<0.200		ug/L	6045320	6045320-BLK1	04/27/06 12:55
Ethylbenzene	<0.200		ug/L	6045320	6045320-BLK1	04/27/06 12:55
Toluene	<0.200		ug/L	6045320	6045320-BLK1	04/27/06 12:55
Xylenes, total	<0.350		ug/L	6045320	6045320-BLK1	04/27/06 12:55
Surrogate: 1,2-Dichloroethane-d4	89%			6045320	6045320-BLK1	04/27/06 12:55
Surrogate: Dibromofluoromethane	101%			6045320	6045320-BLK1	04/27/06 12:55
Surrogate: Toluene-d8	101%			6045320	6045320-BLK1	04/27/06 12:55
Surrogate: 4-Bromofluorobenzene	103%			6045320	6045320-BLK1	04/27/06 12:55

**Purgeable Petroleum Hydrocarbons**

**6045320-BLK1**

Gasoline Range Organics	<50.0		ug/L	6045320	6045320-BLK1	04/27/06 12:55
Surrogate: 1,2-Dichloroethane-d4	89%			6045320	6045320-BLK1	04/27/06 12:55
Surrogate: Dibromofluoromethane	101%			6045320	6045320-BLK1	04/27/06 12:55
Surrogate: Toluene-d8	101%			6045320	6045320-BLK1	04/27/06 12:55
Surrogate: 4-Bromofluorobenzene	103%			6045320	6045320-BLK1	04/27/06 12:55

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

Work Order: NPD2693  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 04/21/06 08:10

**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyte	Known Val	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatle Organic Compounds by EPA Method 8260B</b>								
<b>6044224-BS1</b>								
Tert-Amyl Methyl Ether	50.0	59.0		ug/L	118%	56 - 145	6044224	04/27/06 04:41
Ethyl tert-Butyl Ether	50.0	57.4		ug/L	115%	64 - 141	6044224	04/27/06 04:41
Diisopropyl Ether	50.0	55.4		ug/L	111%	73 - 135	6044224	04/27/06 04:41
Methyl tert-Butyl Ether	50.0	56.8		ug/L	114%	66 - 142	6044224	04/27/06 04:41
Tertiary Butyl Alcohol	500	521		ug/L	104%	42 - 154	6044224	04/27/06 04:41
1,2-Dichloroethane	50.0	59.4		ug/L	119%	74 - 131	6044224	04/27/06 04:41
Surrogate: 1,2-Dichloroethane-d4	50.0	49.0			98%	70 - 130	6044224	04/27/06 04:41
Surrogate: 1,2-Dichloroethane-d4	50.0	49.0			98%	70 - 130	6044224	04/27/06 04:41
Surrogate: Dibromofluoromethane	50.0	51.0			102%	79 - 122	6044224	04/27/06 04:41
Surrogate: Dibromofluoromethane	50.0	51.0			102%	79 - 122	6044224	04/27/06 04:41
Surrogate: Toluene-d8	50.0	45.6			91%	78 - 121	6044224	04/27/06 04:41
Surrogate: Toluene-d8	50.0	45.6			91%	78 - 121	6044224	04/27/06 04:41
Surrogate: 4-Bromofluorobenzene	50.0	47.9			96%	78 - 126	6044224	04/27/06 04:41
Surrogate: 4-Bromofluorobenzene	50.0	47.9			96%	78 - 126	6044224	04/27/06 04:41
<b>6045320-BS1</b>								
Benzene	50.0	46.4		ug/L	93%	79 - 123	6045320	04/27/06 11:48
Ethylbenzene	50.0	42.7		ug/L	85%	79 - 125	6045320	04/27/06 11:48
Toluene	50.0	43.2		ug/L	86%	78 - 122	6045320	04/27/06 11:48
Xylenes, total	150	139		ug/L	93%	79 - 130	6045320	04/27/06 11:48
Surrogate: 1,2-Dichloroethane-d4	50.0	43.6			87%	70 - 130	6045320	04/27/06 11:48
Surrogate: Dibromofluoromethane	50.0	48.7			97%	79 - 122	6045320	04/27/06 11:48
Surrogate: Toluene-d8	50.0	51.3			103%	78 - 121	6045320	04/27/06 11:48
Surrogate: 4-Bromofluorobenzene	50.0	51.0			102%	78 - 126	6045320	04/27/06 11:48
<b>Purgeable Petroleum Hydrocarbons</b>								
<b>6045320-BS1</b>								
Gasoline Range Organics	3050	2430		ug/L	80%	67 - 130	6045320	04/27/06 11:48
Surrogate: 1,2-Dichloroethane-d4	50.0	43.6			87%	70 - 130	6045320	04/27/06 11:48
Surrogate: Dibromofluoromethane	50.0	48.7			97%	70 - 130	6045320	04/27/06 11:48
Surrogate: Toluene-d8	50.0	51.3			103%	70 - 130	6045320	04/27/06 11:48
Surrogate: 4-Bromofluorobenzene	50.0	51.0			102%	70 - 130	6045320	04/27/06 11:48

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

Work Order: NPD2693  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 04/21/06 08:10

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>6044224-MS1</b>										
Tert-Amyl Methyl Ether	ND	64.7		ug/L	50.0	129%	45 - 155	6044224	NPD2716-01	04/27/06 15:17
Ethyl tert-Butyl Ether	ND	61.4		ug/L	50.0	123%	57 - 148	6044224	NPD2716-01	04/27/06 15:17
Diisopropyl Ether	ND	56.3		ug/L	50.0	113%	67 - 143	6044224	NPD2716-01	04/27/06 15:17
Methyl tert-Butyl Ether	ND	59.9		ug/L	50.0	120%	55 - 152	6044224	NPD2716-01	04/27/06 15:17
Tertiary Butyl Alcohol	ND	733		ug/L	500	147%	19 - 183	6044224	NPD2716-01	04/27/06 15:17
1,2-Dichloroethane	ND	56.4		ug/L	50.0	113%	70 - 140	6044224	NPD2716-01	04/27/06 15:17
Surrogate: 1,2-Dichloroethane-d4		43.4		ug/L	50.0	87%	70 - 130	6044224	NPD2716-01	04/27/06 15:17
Surrogate: 1,2-Dichloroethane-d4		43.4		ug/L	50.0	87%	70 - 130	6044224	NPD2716-01	04/27/06 15:17
Surrogate: Dibromofluoromethane		50.0		ug/L	50.0	100%	79 - 122	6044224	NPD2716-01	04/27/06 15:17
Surrogate: Dibromofluoromethane		50.0		ug/L	50.0	100%	79 - 122	6044224	NPD2716-01	04/27/06 15:17
Surrogate: Toluene-d8		43.8		ug/L	50.0	88%	78 - 121	6044224	NPD2716-01	04/27/06 15:17
Surrogate: Toluene-d8		43.8		ug/L	50.0	88%	78 - 121	6044224	NPD2716-01	04/27/06 15:17
Surrogate: 4-Bromofluorobenzene		46.9		ug/L	50.0	94%	78 - 126	6044224	NPD2716-01	04/27/06 15:17
Surrogate: 4-Bromofluorobenzene		46.9		ug/L	50.0	94%	78 - 126	6044224	NPD2716-01	04/27/06 15:17

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

Work Order: NPD2693  
 Project Name: 1784 150th Ave., San Leandro, CA  
 Project Number: SAP 136019  
 Received: 04/21/06 08:10

**PROJECT QUALITY CONTROL DATA**

**Matrix Spike Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>6044224-MSD1</b>												
Tert-Amyl Methyl Ether	ND	62.0		ug/L	50.0	124%	45 - 155	4	24	6044224	NPD2716-01	04/27/06 15:44
Ethyl tert-Butyl Ether	ND	59.3		ug/L	50.0	119%	57 - 148	3	22	6044224	NPD2716-01	04/27/06 15:44
Diisopropyl Ether	ND	54.6		ug/L	50.0	109%	67 - 143	3	22	6044224	NPD2716-01	04/27/06 15:44
Methyl tert-Butyl Ether	ND	58.8		ug/L	50.0	118%	55 - 152	2	27	6044224	NPD2716-01	04/27/06 15:44
Tertiary Butyl Alcohol	ND	728		ug/L	500	146%	19 - 183	0.7	39	6044224	NPD2716-01	04/27/06 15:44
1,2-Dichloroethane	ND	55.1		ug/L	50.0	110%	70 - 140	2	21	6044224	NPD2716-01	04/27/06 15:44
Surrogate: 1,2-Dichloroethane-d4		43.5		ug/L	50.0	87%	70 - 130			6044224	NPD2716-01	04/27/06 15:44
Surrogate: 1,2-Dichloroethane-d4		43.5		ug/L	50.0	87%	70 - 130			6044224	NPD2716-01	04/27/06 15:44
Surrogate: Dibromofluoromethane		49.6		ug/L	50.0	99%	79 - 122			6044224	NPD2716-01	04/27/06 15:44
Surrogate: Dibromofluoromethane		49.6		ug/L	50.0	99%	79 - 122			6044224	NPD2716-01	04/27/06 15:44
Surrogate: Toluene-d8		43.8		ug/L	50.0	88%	78 - 121			6044224	NPD2716-01	04/27/06 15:44
Surrogate: Toluene-d8		43.8		ug/L	50.0	88%	78 - 121			6044224	NPD2716-01	04/27/06 15:44
Surrogate: 4-Bromofluorobenzene		46.8		ug/L	50.0	94%	78 - 126			6044224	NPD2716-01	04/27/06 15:44
Surrogate: 4-Bromofluorobenzene		46.8		ug/L	50.0	94%	78 - 126			6044224	NPD2716-01	04/27/06 15:44

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

Work Order: NPD2693  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Number: SAP 136019  
Received: 04/21/06 08:10

## CERTIFICATION SUMMARY

### TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Water			X
NA	Water			
SW846 8260B	Water	N/A	X	X

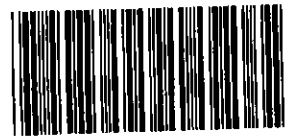
Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
5900 Hollis Street, Suite A  
Emeryville, CA 94608  
Attn Anni Kreml

Work Order: NPD2693  
Project Name: 1784 150th Ave., San Leandro, CA  
Project Number: SAP 136019  
Received: 04/21/06 08:10

## NELAC CERTIFICATION SUMMARY

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

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
CA LUFT GC/MS	Water	Gasoline Range Organics



**Nashville Division**  
**COOLER RECEIPT FORM**

BC#

NPD2693

Cooler Received/Opened On 4/21/06 8:10

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 7519

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

2. Temperature of representative sample or temperature blank when opened: 5.0 Degrees Celsius  
(indicate IR Gun ID#)

NA    A00466    A00750    A01124    100190    101282    Raynger ST

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

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

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

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

I certify that I opened the cooler and answered questions 1-5 (initial)..... JR

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

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

7. What kind of packing material used?  Bubblewrap    Peanuts    Vermiculite    Foam Insert  
Plastic bag    Paper    Other \_\_\_\_\_    None

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

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

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

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

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

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

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... JR

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

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

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

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

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... JR

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

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

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

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

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... JR

I certify that I attached a label with the unique LIMS number to each container (initial)..... JR

19. Were there Non-Conformance issues at login YES  NO  Was a PIPE generated YES NO # \_\_\_\_\_



Nashville Division
COOLER RECEIPT FORM

BC#

Cooler Received/Opened On 04/21/2006 @ 08:10

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 7063

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

2. Temperature of representative sample or temperature blank when opened: 1.5 Degrees Celsius (indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST
3. Were custody seals on outside of cooler? YES...NO...NA

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

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

5. Were custody papers inside cooler? YES...NO...NA RW

I certify that I opened the cooler and answered questions 1-5 (initial).....

6. Were custody seals on containers: YES NO and Intact YES NO NA
were these signed, and dated correctly? YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert
Plastic bag Paper Other None

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

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

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

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

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

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

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

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

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

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

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

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

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

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

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

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

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

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



LAB: Test America STL Other \_\_\_\_\_

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

Shell Project Manager to be invoiced:

- ENVIRONMENTAL SERVICES
- TECHNICAL SERVICES
- CRMT HOUSTON

**Denis Brown**

NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY)							
9	8	9	9	6	0	6	8
SAP or CRMT NUMBER (TS/CRMT)							

DATE: 4/19/06  
PAGE: 1 of 1

SAMPLING COMPANY: **Blaine Tech Services**  
LOG CODE: **BTSS**

ADDRESS: **1680 Rogers Avenue, San Jose, CA 95112**

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

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

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

**NPD2693**  
05/01/06 23:59

RECEIPT VERIFICATION REQUESTED

SITE ADDRESS: Street and City  
**1784 150th Ave., San Leandro**

EDF DELIVERABLE TO (Responsible Party or Designee):  
**Anni Kreml, Cambria, Emeryville Office**

SAMPLER NAME(S) (Print):  
**D. Reynal**

State: **CA** GLOBAL ID NO.: **T0600101230**

PHONE NO.: **(510) 420-3335** E-MAIL: **Shell.em.edf@cambria-env.com**

CONSULTANT PROJECT NO.:  
**BTS #00419-DA 2**

**REQUESTED ANALYSIS**

TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	6 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)
X	X	X	X	X	X	X	X	X	X	X	X	X

**FIELD NOTES:**  
Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	6 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	MTBE (8260B) Confirmation, See Note	
		DATE	TIME																	
	MU-11	4/19/06	1550	W	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Relinquished by (Signature): *[Signature]*  
 Received by (Signature): *[Signature]*  
 Relinquished by (Signature): *[Signature]*  
 Received by (Signature): *[Signature]*  
 Relinquished by (Signature): *[Signature]*  
 Received by (Signature): *[Signature]*

Received by (Signature): *[Signature]*  
 Received by (Signature): *[Signature]*  
 Received by (Signature): *[Signature]*

Date: 4/19/06  
Date: 4/19/06  
Date: 4/19/06  
4-21-06

Time: 1647  
Time: 1705  
Time: 1812  
8:10

WELL GAUGING DATA

Project # 060706-WC-1 Date 7/06/06 Client Shell

Site 1784 150<sup>th</sup> 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		20.23	0.03		20.26	—		sph ✓
mw-2	4					16.86	43.94		sph ✓
mw-3	4					22.99	41.55		sph ✓
mw-4	2					11.22	24.97		
mw-5	2					12.58	24.88		
mw-6	2					12.66	19.45		S
mw-7	2					15.41	26.85		
mw-8	2					14.39	24.10		
mw-9	2					12.46	34.78		S
mw-10	4					21.60	41.64		sph ✓
mw-11	4					16.61	24.65		sph ✓
mw-12	2					15.10	27.85		
mw-13	2					12.35	24.02		S
<p>⊗ opened caps to allow for H<sub>2</sub>O stabilization prior to gauge</p>									

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>060706-WC-1</u>	Site: <u>1784 150<sup>th</sup> Ave, San Leandro</u>
Sampler: <u>WC</u>	Date: <u>7/06/06</u>
Well I.D.: <u>MW-6</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth (TD): <u>19.45</u>	Depth to Water (DTW): <u>12.66</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>14.02</u>	

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: \_\_\_\_\_

$\frac{1.1}{1} \text{ (Gals.)} \times \frac{3}{3} = 3.3 \text{ Gals.}$ <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 µS)	Turbidity (NTUs)	Gals. Removed	Observations
1250	68.6	7.7	4195	747	1.1	Brown
1253	68.5	7.3	442	675	2.2	↓
1256	68.4	7.2	441	869	3.3	↓

Did well dewater? Yes  No  Gallons actually evacuated: 3.3

Sampling Date: 7/06/06 Sampling Time: 1300 Depth to Water: 12.78

Sample I.D.: MW-6 Laboratory: STL Other: TA

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.30 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>060706-WC-1</u>	Site: <u>1784 150<sup>th</sup> Ave, San Leandro</u>
Sampler: <u>WC</u>	Date: <u>7/06/06</u>
Well I.D.: <u>MW-9</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): <u>34.78</u>	Depth to Water (DTW): <u>12.46</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>16.92</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>3.6</u> (Gals.) X <u>3</u> = <u>10.8</u> 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 <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
0915	65.5	7.3	1010	186	3.6	cleaning
0919	65.6	7.3	1014	121	7.2	↓
0923	65.7	7.2	1021	75	10.8	↓

Did well dewater?    Yes     No                       Gallons actually evacuated: 10.8

Sampling Date: 7/06/06    Sampling Time: 0928    Depth to Water: 13.03

Sample I.D.: MW-9                      Laboratory:    STL    Other: TA

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.58 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>070606-WC-1</u>	Site: <u>1784 150<sup>th</sup> Avey San Leandro</u>
Sampler: <u>WC</u>	Date: <u>7/06/06</u>
Well I.D.: <u>MW-13</u>	Well Diameter: <u>3</u> 4 6 8
Total Well Depth (TD): <u>24.02</u>	Depth to Water (DTW): <u>12.35</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>14.68</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

1.9 (Gals.) X 3 = 5.7 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>0944</u>	<u>66.0</u>	<u>7.4</u>	<u>1281</u>	<u>&gt;1000</u>	<u>1.9</u>	<u>Brown</u>
<u>0947</u>	<u>65.6</u>	<u>7.4</u>	<u>1311</u>	<u>&gt;1000</u>	<u>3.8</u>	<u>↓</u>
<u>0950</u>	<u>65.7</u>	<u>7.4</u>	<u>1286</u>	<u>&gt;1000</u>	<u>5.7</u>	<u>↓</u>

Did well dewater? Yes  No  Gallons actually evacuated: 5.7

Sampling Date: 7/06/06 Sampling Time: 0955 Depth to Water: 12.40

Sample I.D.: MW-13 Laboratory: STL Other: TA

Analyzed for:  TPH-G  BTEX  MTBE  TPH-D Other: OXY'S, 1,2 DCA, BAR

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	<u>0.24</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## WELL GAUGING DATA

Project # 060629-SCZ Date 06/30/06 Client Shell 98996068

Site 1784 150<sup>th</sup> Ave. San Leandro, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB of TOC	
MW-1	4		20.12	.04	—	20.16			Int. 6.0 ✓
MW-2	4	No SpH detected				16.72	44.91		Int. ✓
MW-3	4	No SpH detected				22.89	41.61		Int. 6.0 ✓
MW-4	2					11.20	25.00		6.0 ✓
MW-5	2					12.49	24.93		✓
MW-6	2					12.35	19.50		6.0 ✓
MW-7	2					15.35	26.69		✓
MW-8	2					14.18	24.13		✓
MW-9	2					12.37	34.81		6.0 ✓
MW-10	4	No SpH detected				21.49	31.69		Int. ✓
MW-11	4	No SpH detected				15.49	24.79		Int. 6.0 ✓
MW-12	2					15.00	27.81		6.0 ✓
MW-13	2					12.25	24.00		6.0 ✓
* Popped well caps 15 minutes prior to gauging.									

## SHELL WELL MONITORING DATA SHEET

BTS #: 060625-5C2	Site: Shell 98996068
Sampler: Si Carmach	Date: 06/30/06
Well I.D.: MW-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): —	Depth to Water (DTW): 20.16
Depth to Free Product: 20.12	Thickness of Free Product (feet): 0.04
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI 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:~~

*Sph detected*  
 1 Case Volume (Gals.) X =                      Gals.  
 Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
<i>Sph thickness of 0.04' → No Sample per Protocol.</i>						

Did well dewater?    Yes    No      Gallons actually evacuated: \_\_\_\_\_

Sampling Date: \_\_\_\_\_      Sampling Time: \_\_\_\_\_      Depth to Water: \_\_\_\_\_

Sample I.D.: \_\_\_\_\_      Laboratory: STL    Other \_\_\_\_\_

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

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

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

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

### SHELL WELL MONITORING DATA SHEET

BTS #: 060629-5C2	Site: Shell 98996068
Sampler: S. Caranik / D. Reynel	Date: 06/30/06
Well I.D.: MW-2	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 44.91	Depth to Water (DTW): 16.72
Depth to Free Product: No Spk detected	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]: 22.36	

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

$18.4 \text{ (Gals.)} \times 3 = 55.2 \text{ Gals.}$ 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
1357	71.6	6.9	<del>1300</del>	19	18.4	clear / odor
1401	71.4	6.9	1361	8	36.8	"   "
1405	71.2	6.9	1424	4	55.2	"   "

Did well dewater? Yes   No      Gallons actually evacuated: 55.2

Sampling Date: 06/30/06      Sampling Time: 1412      Depth to Water: 17.36

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

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

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

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

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



## SHELL WELL MONITORING DATA SHEET

BTS #: 060629-5C2	Site: Sh1198996068
Sampler: S-Carmach	Date: 06/30/06
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 41.61	Depth to Water (DTW): 22.89
Depth to Free Product: No Sp detected	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]: 26.64	

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

12.2 (Gals.) X 3 = 36.6 Gals. I 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
1418	69.6	6.8	1315	11	12.2	Clear/faint odor
1421	69.1	6.7	1371	6	24.4	" / " "
1423	68.8	6.7	1430	5	36.6	" / " "

Did well dewater? Yes  No  Gallons actually evacuated: 36.6

Sampling Date: 06/30/06      Sampling Time: 1435      Depth to Water: 24.05

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: 0.49 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 060629-JC2	Site: Shell 88996068
Sampler: S. Carmack	Date: 06/30/06
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 25.00	Depth to Water (DTW): 11.20
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]: 13.96	

Purge Method: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible	Waterra <input type="checkbox"/> Peristaltic <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port <input type="checkbox"/> Dedicated Tubing Other: _____
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2.3 (Gals.) X 3 = 6.9 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
1334	66.6	7.7	1032	482	2.3	slightly brownish/No odor
1338	66.5	7.5	1028	625	4.6	" " "
1342	66.4	7.4	1026	796	6.9	" " "

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 6.9	
Sampling Date: 06/30/06	Sampling Time: 1350	Depth to Water: 12.01
Sample I.D.: MW-4	Laboratory: STL	Other: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC	
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:	
D.O. (if req'd): Pre-purge: _____ mg/L	Post-purge: (0.44) mg/L	
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV	

## SHELL WELL MONITORING DATA SHEET

BTS #: 060629-502	Site: Shell 9899 6068
Sampler: J. Carmack	Date: 06/30/05
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 24.93	Depth to Water (DTW): 12.49
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]: 14.98	

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

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

$\underline{2.0} \text{ (Gals.)} \times \underline{3} = \underline{6.0} \text{ Gals.}$	<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														
I Case Volume	Specified Volumes	Calculated Volume															

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1233	66.8	7.7	1562	1346	2.0	Turbid / No odor
	66.7	7.7	1472	1365	4.0	" " " "
1240	66.8	7.6	1390	1389	6.0	" " " "

Did well dewater? Yes  No  Gallons actually evacuated: 6.0

Sampling Date: 06/30/05 Sampling Time: 1250 Depth to Water: 12.82

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.67 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 060629-502	Site: Shell 98996068
Sampler: S. Carnack	Date: 06/29/06
Well I.D.: MW-6	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): 19.50	Depth to Water (DTW): 12.49
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>VSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.89	

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

$1.2 \text{ (Gals.)} \times 3 = 3.6 \text{ Gals.}$ 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
1458	70.5	7.8	436	>1000	1.2	cloudy brown
1501	70.0	7.3	434	>1000	2.4	" "
1504	69.6	7.2	434	>1000	3.6	" "
Sampled & analyzed resume on 7/6						

Did well dewater? Yes  No  Gallons actually evacuated: 3.6

Sampling Date: 06/29/06      Sampling Time: 1515      Depth to Water: 12.82

Sample I.D.: MW-6      Laboratory: STL      Other: TA

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

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

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

D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	0.41 mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 060629-Sc2	Site: Shell 98996068
Sampler: S-Corack	Date: 06/30/06
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 26.69	Depth to Water (DTW): 15.35
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]: 17.52	

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

1.9 (Gals.) X	3	= 5.7	Gals.
I Case Volume	Specified Volumes	Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1026	67.9	6.467	3242	195	1.9	slight odor slightly turbid
1031	67.8	6.7	3260	296	3.8	slight odor more turbid
1036	68.1	6.8	3272	462	5.7	"/...

Did well dewater? Yes  No  Gallons actually evacuated: 5.7

Sampling Date: 06/30/06      Sampling Time: 1045      Depth to Water: 15.66

Sample I.D.: MW-7      Laboratory: STL      Other: TA

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: 0.54	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 060627-5c2	Site: Shell 9F996068
Sampler: S. Carmack	Date: 06/30/06
Well I.D.: MW-8	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): 24.13	Depth to Water (DTW): 14.18
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>14.18</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

1.6 (Gals.) X 3 = 4.8 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1146	68.9	7.3	1222	93	1.6	turbid; slight color
1150	68.7	7.1	1228	180	3.2	" " "
1153	68.5	6.9	1231	372	4.8	" " "

Did well dewater? Yes  No  Gallons actually evacuated: 4.8

Sampling Date: 06/30/06      Sampling Time: 1205      Depth to Water: 14.58

Sample I.D.: MW-8      Laboratory: STL      Other: TA

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.50 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 060629-5C2	Site: Shell 98996068
Sampler: J. Carmack	Date: 06/29/06
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 34.81	Depth to Water (DTW): 12.35
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]: 16.84	

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: \_\_\_\_\_

2.9 (Gals.) X	3	= 8.7	Gals.
Case Volume	Specified Volumes	Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.04	4"	0.65
3"	0.16	6"	1.47
	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1257	64.5	7.8	989	46	2.9	clear, no odor
1302	67.4	7.9	982	61	5.8	" " "
1307	67.0	8.0	980	70	8.7	" " "
Sample cancelled      Resample on 7/16						

Did well dewater? Yes  No  Gallons actually evacuated: 8.7

Sampling Date: 06/29/06      Sampling Time: 1320      Depth to Water: 12.82

Sample I.D.: MW-9      Laboratory: STL      Other: TA

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: 0.55	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 060629-5C2	Site: Shell 98996068
Sampler: S. Carmack/D. Raynal	Date: 06/30/06
Well I.D.: MW-10	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 31.69	Depth to Water (DTW): 21.49
Depth to Free Product: No SpH detected	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]: 23.53	

Purge Method: Bailer  Disposable Bailer  Positive Air Displacement   Electric Submersible

Waterra  Peristaltic  Extraction Pump  Other \_\_\_\_\_

Sampling Method:  Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing

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

$\underline{6.7} \text{ (Gals.)} \times \underline{3} = \underline{20.1} \text{ Gals.}$ <p style="font-size: small; margin: 0;">l Case Volume      Specified Volumes      Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-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
1335	75.6	6.8	975	3.27	6.7	clear
1336	74.7	6.9	956	27	13.4	"
1338	74.5	6.8	987	29	20.1	"

Did well dewater? Yes  No      Gallons actually evacuated: 20.1

Sampling Date: 06/30/06      Sampling Time: 1345      Depth to Water: 23.50

Sample I.D.: MW-10      Laboratory: STL      Other: TA

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: See Col.

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: <u>0.37</u>	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV



## SHELL WELL MONITORING DATA SHEET

BTS #: 060629-5c2	Site: Shell 9899 6068
Sampler: S. Carmack / D. Regina	Date: 06/30/06
Well I.D.: MW-11	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 24.79	Depth to Water (DTW): 15.49
Depth to Free Product: No Spill detected	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]: 17.35	

Purge Method: Bailer  Disposable Bailer  Positive Air Displacement   Electric Submersible

Waterra  Peristaltic  Extraction Pump  Other \_\_\_\_\_

Sampling Method:  Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing

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

$\frac{6.1 \text{ (Gals.)} \times 3}{\text{Specified Volumes}} = \frac{18.3}{\text{Calculated Volume}} \text{ Gals.}$	<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														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1422	70.3	6.9	1000	13	6.1	clear/odor
1423	69.1	6.8	1001	16	12.2	" "
1425	69.1	6.8	969	<del>148</del>	18.3	light cloudy
						DTW = 20.00

Did well dewater? Yes  No  Gallons actually evacuated: 18.3

Sampling Date: 06/30/06 Sampling Time: ~~1435~~ <sup>1455</sup> DR Depth to Water: 16.99

Sample I.D.: MW-11 Laboratory: STL Other: TA

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	<u>Post-purge</u>	0.49 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

**Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558**

## SHELL WELL MONITORING DATA SHEET

BTS #: 060621-SC2	Site: Shell 98996068
Sampler: S. Carmach	Date: 06/30/06
Well I.D.: MW-12	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 27.81	Depth to Water (DTW): 15.00
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]: Traffic	

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

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

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1101	68.4	7.1	3440	>1000	2.1	cldy brownish/slight odor
1105	68.6	7.0	3438	>1000	4.2	" " "
1109	68.7	7.0	3440	>1000	6.3	" " "

Did well dewater? Yes  No  Gallons actually evacuated: 6.3

Sampling Date: 06/30/06 Sampling Time: 1115 Depth to Water: 15.35

Sample I.D.: MW-12 Laboratory: STL Other TA

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

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

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

D.O. (if req'd): Pre-purge: \_\_\_\_\_ mg/L Post-purge: (0.62) mg/L

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

## SHELL WELL MONITORING DATA SHEET

BTS #: 060629-502	Site: Shell 98996068
Sampler: S. Grack	Date: 06/29/06
Well I.D.: MW-13	Well Diameter: ② 3 4 6 8
Total Well Depth (TD): 24.00'	Depth to Water (DTW): 12.47'
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]: 14.78	

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

$1.9 \text{ (Gals.)} \times 3 = 5.7 \text{ Gals.}$ 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
1336	67.2	7.8	1313	>1000	1.9	cldy brown
1342	67.2	7.7	1287	>1000	3.8	" "
1349	67.3	7.6	1248	>1000	5.7	" "
<i>Sampled by [unclear] Resample 2/6</i>						

Did well dewater? Yes  No       Gallons actually evacuated: 5.7

Sampling Date: 06/29/06      Sampling Time: 1400      Depth to Water: 13.01

Sample I.D.: MW-13      Laboratory: STL Other TA

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

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

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

D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	0.61 mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

## WELL GAUGING DATA

Project # 060626-PC2 Date 6/26/06 Client S Cell

Site 1784 150<sup>th</sup> 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-12	2					14.75	<del>27.90</del>	TOC
MW-13	2					12.10	24.09	↓

# WELL DEVELOPMENT DATA SHEET

Project #: <u>01000216 ACZ</u>	Client: <u>Shell</u>
Developer: <u>pc</u>	Date Developed: <u>6/26</u>
Well I.D. <u>11.25</u>	Well Diameter: (circle one) <u>3</u> 4 6
Total Well Depth: Before <u>27.90</u> After <u>27.92</u>	Depth to Water: Before <u>14.75</u> After <u>27.20.54</u>
Reason not developed:	If Free Product, thickness:
Additional Notations: <u>well bottom soft @ 27.92</u>	

Volume Conversion Factor (VCF):  
 $(12 \times (d^2/4) \times \pi) / 231$   
 where  
 12 = in / foot  
 d = diameter (in.)  
 $\pi = 3.1416$   
 231 = in<sup>3</sup>/gal

Well dia.	VCF
2"	0.16
3"	0.37
4"	0.65
6"	1.47
10"	4.08
12"	6.87

<u>2.1</u>	X	<u>10</u>	=	<u>21</u>
1 Case Volume		Specified Volumes		gallons

- Purging Device:
- |                                       |   |
|---------------------------------------|---|
| <input type="checkbox"/> Bailer       | <input type="checkbox"/> Electric Submersible                 |
| <input type="checkbox"/> Suction Pump | <input checked="" type="checkbox"/> Positive Air Displacement |

Type of Installed Pump \_\_\_\_\_  
 Other equipment used 2" surge block

TIME	TEMP (F)	pH	Cond. (mS or $\mu$ S)	TURBIDITY (NTUs)	VOLUME REMOVED:	(FD) DTW: NOTATIONS:
1140						
1158						
1204	71.1	6.5	3677	>1000	2.1	18.30 grey/brown, silty, muddy
1208	70.6	6.7	3770	>1000	4.2	19.60 ↓ L ↓ ↓
1212	70.0	6.7	3796	>1000	6.3	20.05 light grey/brown, thinner
1216	70.3	6.7	3873	>1000	8.4	20.16
1220	70.2	6.7	3856	>1000	10.5	20.72
1226	70.1	6.7	3820	>1000	12.6	21.38
1230	70.6	6.8	3788	>1000	14.7	21.70 grey, silty
1234	71.6	6.8	3730	>1000	16.8	22.10
1238	69.9	6.8	3704	>1000	19.9	22.20
1242	70.0	7.1	3659	>1000	21	22.29

Did Well Dewater? <u>No</u>	If yes, note above.	Gallons Actually Evacuated: <u>21</u>
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# WELL DEVELOPMENT DATA SHEET

Project #: <u>0619026-PL2</u>	Client: <u>Shell</u>
Developer: <u>PC</u>	Date Developed: <u>6/26/06</u>
Well I.D. <u>MU-13</u>	Well Diameter: (circle one) <u>2</u> 3 4 6
Total Well Depth: Before <u>24.09</u> After <u>24.09</u>	Depth to Water: Before <u>12.10</u> After <u>12.70</u>
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):  
 $\{12 \times (d^2/4) \times \pi\} / 231$   
 where  
 12 = in / foot  
 d = diameter (in.)  
 $\pi = 3.1416$   
 231 = in<sup>3</sup>/gal

Well dia.	VCF
2"	0.16
3"	0.37
4"	0.65
6"	1.47
10"	4.08
12"	6.87

<u>1.9</u>	X	<u>10</u>	=	<u>19</u>
1 Case Volume		Specified Volumes		gallons

- Purging Device:
- Bailer
  - Electric Submersible
  - Suction Pump
  - Positive Air Displacement

Type of Installed Pump \_\_\_\_\_  
 Other equipment used 2" Surge Block

TIME	TEMP (F)	pH	Cond. (mS or $\mu$ S)	TURBIDITY (NTUs)	VOLUME REMOVED:	(FL) PTL: NOTATIONS:
<del>1240</del> <u>1240</u>						
						Surge well for 15 min. w/ surge block
						Begin Purge w/ PAD
<u>1315</u>	<u>70.8</u>	<u>7.6</u>	<u>1600</u>	<u>&gt;1000</u>	<u>1.9</u>	<u>14.00</u> muddy, silty, light brown.
<u>1317</u>	<u>68.8</u>	<u>7.6</u>	<u>1448</u>	<u>&gt;1000</u>	<u>3.8</u>	<u>14.18</u>
<u>1323</u>	<u>68.3</u>	<u>7.6</u>	<u>1419</u>	<u>&gt;1000</u>	<u>5.7</u>	<u>14.20</u>
<u>1328</u>	<u>67.9</u>	<u>7.7</u>	<u>1396</u>	<u>&gt;1000</u>	<u>7.6</u>	<u>14.28</u>
<u>1332</u>	<u>67.8</u>	<u>7.7</u>	<u>1370</u>	<u>&gt;1000</u>	<u>9.5</u>	<u>14.41</u>
<u>1336</u>	<u>68.1</u>	<u>7.7</u>	<u>1341</u>	<u>&gt;1000</u>	<u>11.4</u>	<u>14.60</u>
<u>1340</u>	<u>67.8</u>	<u>7.7</u>	<u>1298</u>	<u>&gt;1000</u>	<u>13.3</u>	<u>14.62</u> lighter, silty, brown.
<u>1344</u>	<u>67.5</u>	<u>7.7</u>	<u>1290</u>	<u>&gt;1000</u>	<u>15.2</u>	<u>14.62</u>
<u>1348</u>	<u>67.6</u>	<u>7.7</u>	<u>1274</u>	<u>&gt;1000</u>	<u>17.1</u>	<u>14.65</u>
<u>1352</u>	<u>68.4</u>	<u>7.7</u>	<u>1262</u>	<u>&gt;1000</u>	<u>19.0</u>	<u>14.80</u>
Did Well Dewater? <u>No</u>		If yes, note above.		Gallons Actually Evacuated: <u>19</u>		

WELL GAUGING DATA

Project # 060501-DR2 Date 5/1/06 Client 78996068

Site 1784 150<sup>th</sup> Ave. San Leandro CA.

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOE
MW-11	4	No	5.7 ft	detected		15.43	24.63	↓

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>060501-DR2</u>	Site: <u>98996068</u>
Sampler: <u>DR</u>	Date: <u>5/1/06</u>
Well I.D.: <u>MW-11</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth (TD): <u>24.63</u>	Depth to Water (DTW): <u>5.43</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</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>17.27</u>	

Purge Method: <input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input checked="" type="checkbox"/> Electric Submersible	Waterra <input type="checkbox"/> Peristaltic <input type="checkbox"/> Extraction Pump <input type="checkbox"/> Other _____	Sampling Method: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port <input type="checkbox"/> Dedicated Tubing Other: _____
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<u>6.0</u> (Gals.) X <u>3</u> = <u>18</u> Gals. 1 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
<u>1450</u>	<u>74.4</u>	<u>6.6</u>	<u>979</u>	<u>63</u>	<u>6.0</u>	<u>clear</u>
<u>1451</u>	<u>70.9</u>	<u>6.6</u>	<u>976</u>	<u>22</u>	<u>12.0</u>	<u>"</u>
<u>1452</u>	<u>70.6</u>	<u>6.6</u>	<u>982</u>	<u>8</u>	<u>18.0</u>	<u>"</u>

Did well dewater? Yes  No       Gallons actually evacuated: 18.0

Sampling Date: 5/1/06      Sampling Time: 1505      Depth to Water: 17.27

Sample I.D.: MW-11      Laboratory: STL      Other: IF

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: <u>0.97</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV



### WELL GAUGING DATA

Project # 060419-DK2 Date 4/19/06 Client 98976068

Site 1784 150<sup>th</sup> Ave. San Leandro CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
MW-11	4					15.30	24.63	↓

### SHELL WELL MONITORING DATA SHEET

BTS #: 060219-DN2	Site: 98996068
Sampler: DA	Date: 4/19/06
Well I.D.: MW-11	Well Diameter: 2 3 <b>(4)</b> 6 8
Total Well Depth (TD): 24.63	Depth to Water (DTW): 15.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <b>PVC</b> Grade	D.O. Meter (if req'd): <b>YSI</b> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.17	

Purge Method: Bailer      Waterra      Sampling Method:  Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
~~DA~~ Electric Submersible      Other: \_\_\_\_\_      Dedicated Tubing  
 3" sub stepped working

$\frac{6.1 \text{ (Gals.)} \times 3}{1 \text{ Case Volume}} = 18.3 \text{ Gals.}$ <p style="margin-top: 0;">Specified Volumes      Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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
1526	69.5	6.7	899 <del>mS</del>	28	6.1	clear
1536	68.9	6.7	937	9	12.2	"
1546	68.7	6.7	956	6	18.3	"

Did well dewater?    Yes    **No**    Gallons actually evacuated: 18.3

Sampling Date: 4/19/06    Sampling Time: 1550    Depth to Water: 16.27

Sample I.D.: MW-11    Laboratory: STL    Other: **TA**

Analyzed for: ~~TPH-G~~ ~~BTEX~~ ~~MTBE~~ TPH-D    Other: TAMIS, TBA, 1,2 DCA by 826

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:	mg/L	Post-purge:	0.86	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV