RO 254 G

Denis L. Brown

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

January 17, 2006
Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Fourth Quarter 2005 Monitoring Report
Shell-branded Service Station
1800 ½ Powell Street
Emeryville, California
SAP Code 135266
Incident No. 98995349

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Fourth Quarter 2005 Monitoring Report* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

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

Sincerely,

Denis L. Brown
Sr. Environmental Engineer

CAMBRIA

January 17, 2006

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

Re: Fourth Quarter 2005 Monitoring Report
Shell-branded Service Station
1800 ½ Powell Street
Emeryville, California
Incident No.98995349
Cambria Project No.248-0894-002

Dear Mr. Wickham:

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

FOURTH QUARTER 2005 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all site wells except S-9, calculated groundwater elevations, and compiled the analytical data. Monitoring well S-9 could not be gauged because it contained tar that has displaced groundwater. Cambria prepared a vicinity map (Figure 1) and a groundwater elevation contour map (Figure 2). Blaine's report, including the laboratory report and supporting field documents, is included as Attachment A.

ANTICIPATED FUTURE 2006 ACTIVITIES

Site Conceptual Model: Cambria will submit a site conceptual model to the Alameda County Health Care Services Agency during first quarter 2006.

Groundwater Monitoring: The next sampling event is scheduled for the fourth quarter of 2006. At that time, Blaine will measure and remove any detected separate-phase hydrocarbons, gauge and sample all wells, and tabulate the data. Cambria will prepare a monitoring report.

Cambria Environmental Technology, Inc.

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

CLOSING

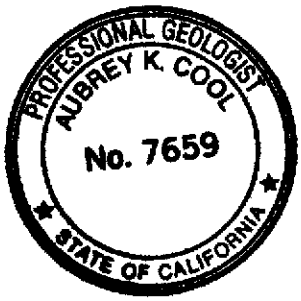
We appreciate the opportunity to work with you on this project. Please call David Gibbs at (510) 420-3363 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

David M. Gibbs, P.G.
Project Geologist

Aubrey K. Cool

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



Figures: 1 - Vicinity Map
2 - Groundwater Elevation Contour Map

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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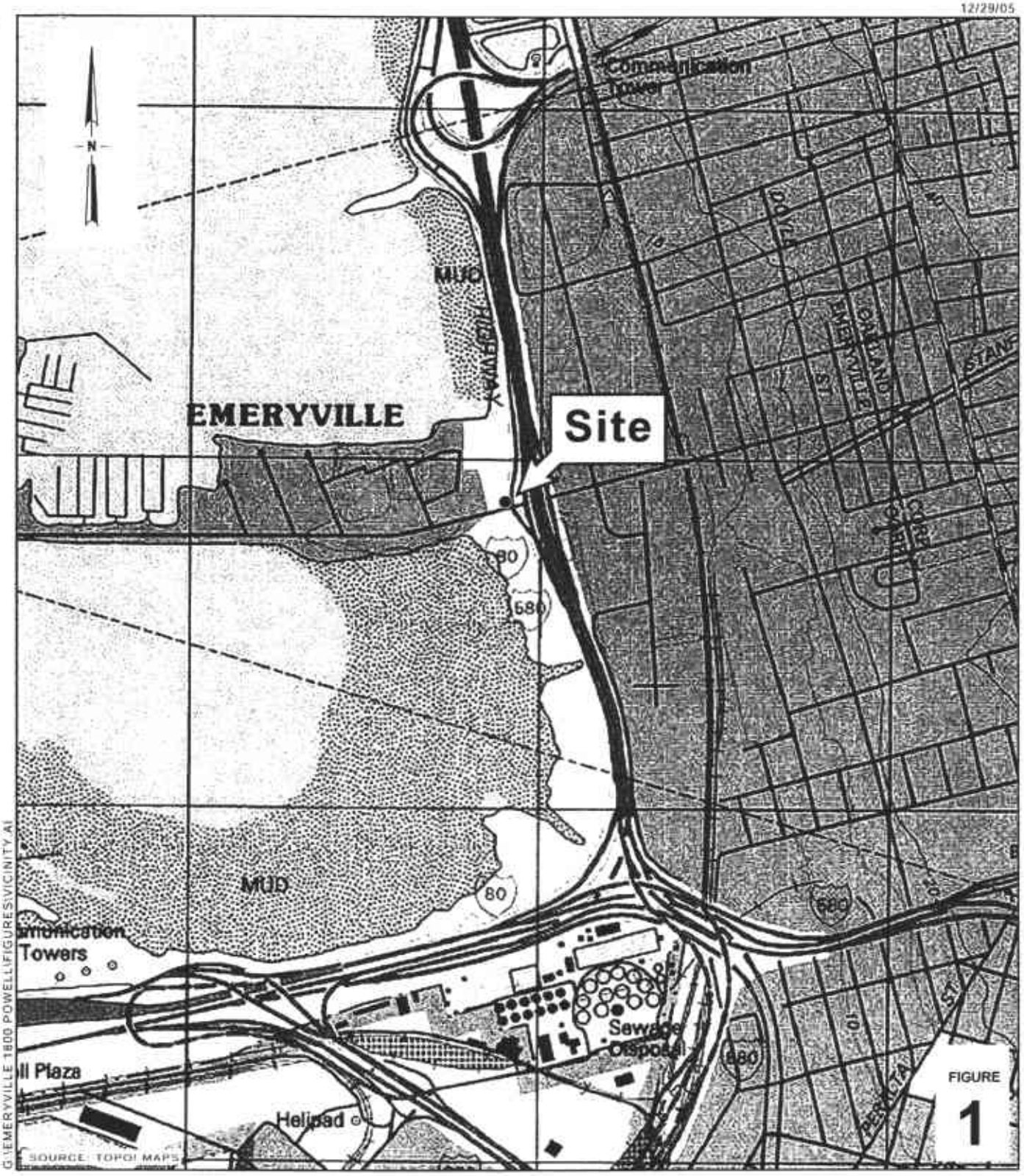

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0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Shell-branded Service Station
1800 1/2 Powell Street
Emeryville, California
Incident No.98995349

CAMBRIA

Vicinity Map

01/10/06

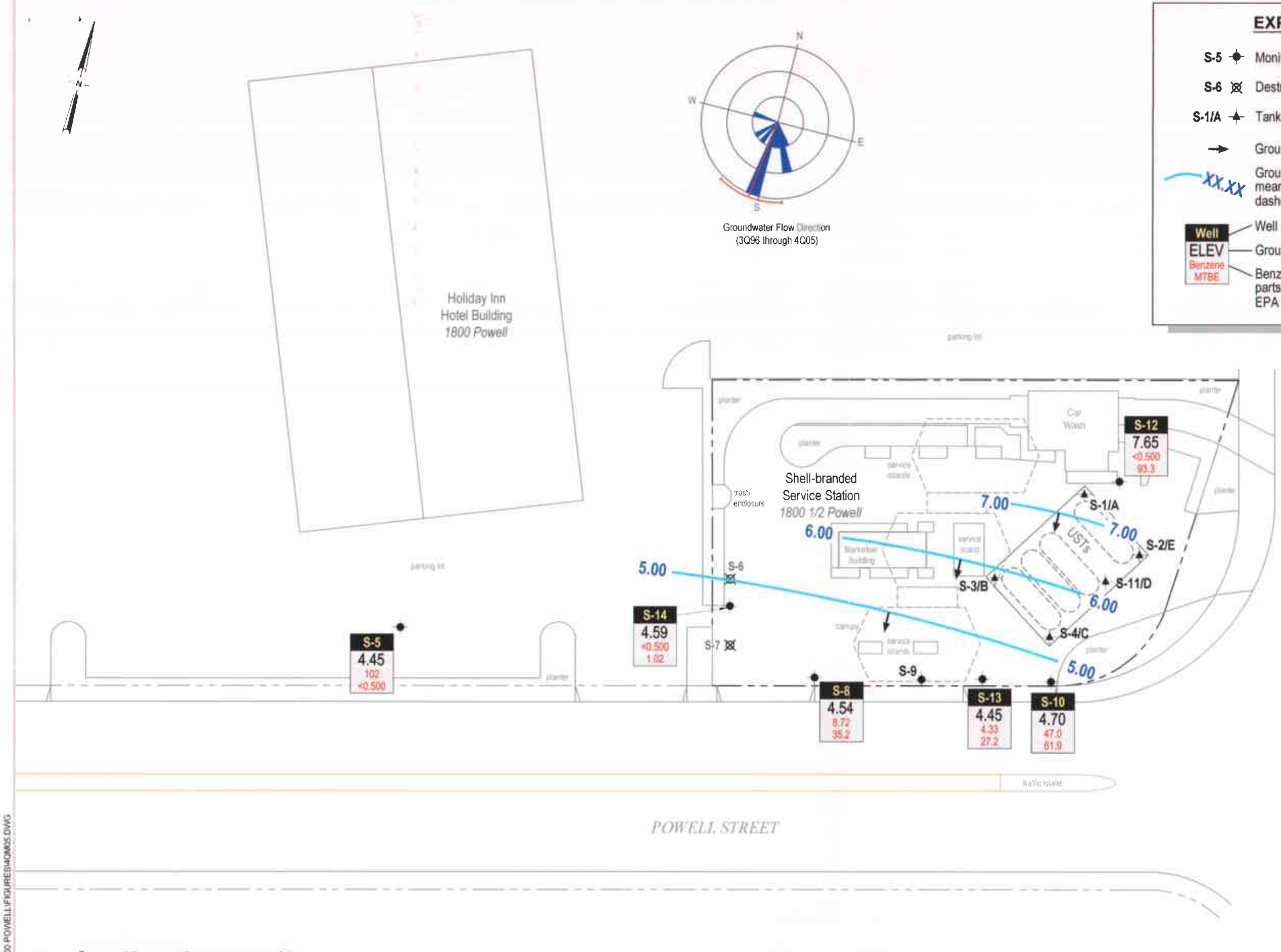
Groundwater Elevation Contour Map

November 23, 2005

EXPLANATION

- S-5 — Monitoring well location
- S-6 — Destroyed monitoring well location
- S-1/A — Tank backfill well location
- Groundwater flow direction
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), approximately located, dashed where inferred
- Well designation
- ELEV — Groundwater elevation, in feet above msl
- Benzene / MTBE — Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8260.

Groundwater Flow Direction
(3Q96 through 4Q05)



0 20 40 80

Scale (ft)

FIGURE

2

Shell-branded Service Station

1800 1/2 Powell Street
Emeryville, California
Incident No.98995349

CAMBRIA

G:\EMERYVILLE 1800 POWELL\FIGURES\4Q05\05.DWG

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

January 9, 2006

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

Fourth Quarter 2005 Groundwater Monitoring at
Shell-branded Service Station
1800 1/2 Powell Street
Emeryville, CA

Monitoring performed on November 23, 2005

Groundwater Monitoring Report **051123-PC-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 St., Suite A
Emeryville, CA 94608

WELL CONCENTRATIONS
Shell-Branded Service Station
1800 1/2 Powell Street
Emeryville, 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-5	10/26/1984	3,000	NA	660	20	20	70	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	02/09/1985	2,800	NA	740	20	20	140	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	04/27/1985	4,300	NA	750	10	20	<30	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	07/06/1985	1,500	NA	300	8	7	9	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	10/24/1985	2,100	NA	760	10	40	50	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	01/03/1986	1,300	NA	520	9	8	10	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	07/05/1986	1,400	NA	500	10	4	<10	NA	NA	NA	NA	NA	NA	11.72	8.36	3.36	NA
S-5	10/18/1986	4,200	NA	1,100	9	14	7	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	01/13/1987	4,500	6,100	1,100	15	30	25	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	07/07/1987	3,200	NA	1,000	16	9	12	NA	NA	NA	NA	NA	NA	11.72	9.15	2.57	NA
S-5	10/10/1987	1,700	NA	16	5.7	5.2	8.9	NA	NA	NA	NA	NA	NA	11.72	9.67	2.05	NA
S-5	02/11/1988	1,300	NA	300	5	<5	<5	NA	NA	NA	NA	NA	NA	11.72	9.00	2.72	NA
S-5	05/10/1988	1,900	NA	490	<0.5	<5	<5	NA	NA	NA	NA	NA	NA	11.72	8.61	3.11	NA
S-5	08/31/1988	6,700	NA	760	26	<25	<25	NA	NA	NA	NA	NA	NA	11.72	9.61	2.11	NA
S-5	12/03/1988	2,900	NA	890	5.3	7.3	13	NA	NA	NA	NA	NA	NA	11.72	9.47	2.25	NA
S-5	02/16/1989	1,300	NA	280	3	3.4	9.4	NA	NA	NA	NA	NA	NA	11.72	8.29	3.43	NA
S-5	08/10/1989	1,700	NA	530	5.5	<5	5.8	NA	NA	NA	NA	NA	NA	11.72	9.30	2.42	NA
S-5	11/11/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.72	9.42	2.30	NA
S-5	02/21/1994	1,000	NA	250	<5	<5	<5	NA	NA	NA	NA	NA	NA	11.72	7.95	3.77	NA
S-5 (D)	02/21/1994	1,300	NA	220	<5	<5	11	NA	NA	NA	NA	NA	NA	11.72	7.95	3.77	NA
S-5	05/16/1994	1,200	NA	230	<5	<5	<5	NA	NA	NA	NA	NA	NA	11.72	8.00	3.72	NA
S-5	08/09/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	11/09/1994	1,600	NA	220	3.2	1.8	5	NA	NA	NA	NA	NA	NA	11.72	8.32	3.40	NA
S-5 (D)	11/09/1994	1,600	NA	250	3.3	1.9	5.9	NA	NA	NA	NA	NA	NA	11.72	8.32	NA	NA
S-5	02/22/1995	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	05/02/1995	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	05/10/1995	910	NA	170	1.5	1.3	5.2	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	08/24/1995	620	NA	210	<0.5	1.2	5.3	NA	NA	NA	NA	NA	NA	11.72	8.78	2.94	NA
S-5	12/08/1995	1,600	NA	510	3.3	1.5	6.6	NA	NA	NA	NA	NA	NA	11.72	9.78	1.94	NA
S-5 (D)	12/08/1995	1,600	NA	530	1.8	1.1	5.4	NA	NA	NA	NA	NA	NA	11.72	9.78	1.94	NA

WELL CONCENTRATIONS
Shell-Branded Service Station
1800 1/2 Powell Street
Emeryville, 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-5	02/29/1996	1,900	NA	470	5.8	<5.0	<5.0	46	NA	NA	NA	NA	NA	11.72	7.64	4.08	NA
S-5 (D)	02/29/1996	1,700	NA	440	5.4	<5.0	<5.0	40	NA	NA	NA	NA	NA	11.72	7.64	4.08	NA
S-5	05/22/1996	1,200	NA	490	<10	<10	<10	<50	NA	NA	NA	NA	NA	11.72	8.60	3.12	NA
S-5	07/30/1996	1,100	NA	400	<5.0	<5.0	6.9	<25	NA	NA	NA	NA	NA	11.72	9.40	2.32	NA
S-5	11/11/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	11/03/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	11/06/1998	620	NA	91	<0.50	0.64	4.0	<2.5	NA	NA	NA	NA	NA	11.72	8.25	3.47	NA
S-5	12/07/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.72	NA	NA	NA
S-5	11/02/2000	1,120	NA	191	2.78	<2.50	3.56	<12.5	NA	NA	NA	NA	NA	11.72	8.55	3.17	NA
S-5	12/27/2001	760	NA	110	2.4	<0.50	5.8	NA	<5.0	NA	NA	NA	NA	11.72	7.64	4.08	NA
S-5	11/26/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.07	NA	NA	NA
S-5	12/06/2002	860	NA	130	2.3	<0.50	6.0	NA	<5.0	NA	NA	NA	NA	14.07	8.62	5.45	NA
S-5	11/25/2003	920	NA	180	3.0	<1.0	6.2	NA	<1.0	NA	NA	NA	NA	14.07	9.32	4.75	NA
S-5	11/10/2004	530	NA	2.4	0.68	<0.50	6.3	NA	<0.50	NA	NA	NA	NA	14.07	9.35	4.72	NA
S-5	**11/23/2005**	**1,630**	**NA**	**102**	**2.42**	**0.540**	**5.71**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<10.0**	**14.07**	**9.62**	**4.45**	**NA**
S-6	04/27/1985	6,500	NA	2,400	30	50	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	07/06/1985	3,700	NA	1,700	34	55	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	10/24/1985	23	<0.5	<5	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<50	NA
S-6	11/08/1985	Well abandoned		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	10/26/1984	50	NA	1.1	<1	<1	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	02/09/1985	NA	NA	0.9	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	04/27/1985	<50	NA	<1	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	07/06/1985	70	NA	2.2	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	10/24/1985	6,200	NA	2,200	130	190	660	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	11/09/1985	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	10/26/1984	1,000	NA	610	9	1	42	NA	NA	NA	NA	NA	NA	12.76	NA	NA	NA
S-8	02/09/1985	500	NA	160	5	<2	17	NA	NA	NA	NA	NA	NA	12.76	NA	NA	NA

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S-8	04/27/1985	2,700	NA	1,500	20	10	40	NA	NA	NA	NA	NA	NA	12.76	NA	NA	NA
S-8	07/06/1985	440	NA	180	5	2	12	NA	NA	NA	NA	NA	NA	12.76	NA	NA	NA
S-8	10/24/1985	2,000	NA	1,100	17	5	70	NA	NA	NA	NA	NA	NA	12.76	NA	NA	NA
S-8	01/03/1986	1,900	NA	1,300	20	<10	70	NA	NA	NA	NA	NA	NA	12.76	NA	NA	NA
S-8	07/05/1986	1,600	NA	920	30	<10	60	NA	NA	NA	NA	NA	NA	12.76	9.50	3.26	NA
S-8	10/18/1986	1,400	NA	640	<10	<10	30	NA	NA	NA	NA	NA	NA	12.76	NA	NA	NA
S-8	01/13/1987	670	760	190	5.8	<0.5	19	NA	NA	NA	NA	NA	NA	12.76	NA	NA	NA
S-8	04/22/1987	2,400	NA	740	54	5.7	59	NA	NA	NA	NA	NA	NA	12.76	NA	NA	NA
S-8	07/07/1987	1,100	NA	450	15	<2.5	42	NA	NA	NA	NA	NA	NA	12.76	10.45	2.31	NA
S-8	10/10/1987	340	NA	4	0.6	<0.5	17	NA	NA	NA	NA	NA	NA	12.76	10.83	1.93	NA
S-8	02/11/1988	<1,000	NA	260	<10	<10	11	NA	NA	NA	NA	NA	NA	12.76	10.44	2.32	NA
S-8	05/10/1988	1,800	NA	700	14	<5	46	NA	NA	NA	NA	NA	NA	12.76	10.17	2.59	NA
S-8	08/31/1988	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.76	10.81	1.95	SPH
S-8	12/03/1988	960	NA	250	4.3	<2.5	14	NA	NA	NA	NA	NA	NA	12.76	10.81	1.95	NA
S-8	02/16/1989	2,700	NA	800	35	10	83	NA	NA	NA	NA	NA	NA	12.76	9.65	3.11	NA
S-8	05/28/1989	960	NA	710	25	84	80	NA	NA	NA	NA	NA	NA	12.76	10.46	2.30	NA
S-8	08/10/1989	1,300	NA	630	17	<5	46	NA	NA	NA	NA	NA	NA	12.76	10.59	2.17	NA
S-8	11/11/1989	910	NA	180	8	<2.5	15	NA	NA	NA	NA	NA	NA	12.76	10.29	2.47	NA
S-8	02/21/1994	3,200	NA	480	52	<5	130	NA	NA	NA	NA	NA	NA	12.76	9.52	3.24	NA
S-8	05/16/1994	1,000	NA	220	7.3	<5	28	NA	NA	NA	NA	NA	NA	12.76	9.49	3.27	NA
S-8 (D)	05/16/1994	1,000	NA	280	10	<5	29	NA	NA	NA	NA	NA	NA	12.76	9.49	3.27	NA
S-8	08/09/1994	400	NA	27	6.6	<0.5	18	NA	NA	NA	NA	NA	NA	12.76	10.37	2.39	NA
S-8	11/09/1994	650	NA	170	5.3	<0.5	17	NA	NA	NA	NA	NA	NA	12.76	9.58	3.18	NA
S-8	02/22/1995	650	NA	210	10	1.2	22	NA	NA	NA	NA	NA	NA	12.76	9.02	3.74	NA
S-8	05/02/1995	1,000	NA	280	17	1.4	32	NA	NA	NA	NA	NA	NA	12.76	8.45	4.31	NA
S-8	08/24/1995	480	NA	180	11	1	19	NA	NA	NA	NA	NA	NA	12.76	10.02	2.74	NA
S-8 (D)	08/24/1995	700	NA	180	6.5	<0.5	17	NA	NA	NA	NA	NA	NA	12.76	10.02	2.74	NA
S-8	12/08/1995	740	NA	230	6.9	0.7	15	NA	NA	NA	NA	NA	NA	12.76	10.65	2.11	NA
S-8	02/29/1996	740	NA	260	8.1	<5.0	19	58	NA	NA	NA	NA	NA	12.76	9.10	3.66	NA
S-8	05/22/1996	1,200	NA	350	10	<5.0	23	74	NA	NA	NA	NA	NA	12.76	10.14	2.62	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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-8	07/30/1996	530	NA	220	20	6.3	36	69	NA	NA	NA	NA	NA	12.76	10.51	2.25	NA
S-8	11/11/1996	540	NA	140	3.7	<2.0	17	42	NA	NA	NA	NA	NA	12.76	10.23	2.53	NA
S-8	11/03/1997	480	NA	54	3.5	<0.50	12	40	NA	NA	NA	NA	NA	12.76	9.40	3.36	NA
S-8	11/06/1998	740	NA	110	10	2.8	26	31	NA	NA	NA	NA	NA	12.76	9.78	2.98	NA
S-8	12/07/1999	770	NA	270	16	<2.0	33	75	NA	NA	NA	NA	NA	12.76	10.14	2.62	NA
S-8	11/02/2000	436	NA	75.8	6.18	0.549	14.9	81.5	NA	NA	NA	NA	NA	12.76	9.45	3.31	NA
S-8	12/27/2001	1,300	NA	62	11	1.8	31	NA	86	NA	NA	NA	NA	12.76	9.19	3.57	NA
S-8	11/26/2002	970	NA	58	3.8	0.51	15	NA	35	NA	NA	NA	NA	15.00	10.10	4.90	NA
S-8	11/25/2003	400	NA	19	4.4	<0.50	15	NA	34	NA	NA	NA	NA	15.00	10.49	4.51	NA
S-8	11/10/2004	430	NA	28	3.4	<0.50	11	NA	25	NA	NA	NA	NA	15.00	10.45	4.55	NA
S-8	**11/23/2005**	**476**	**NA**	**8.72**	**3.15**	**1.03**	**12.6**	**NA**	**35.2**	**<0.500**	**<0.500**	**<0.500**	**20.1**	**15.00**	**10.46**	**4.54**	**NA**
S-9	10/26/1984	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	02/09/1985	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	1.30
S-9	04/27/1985	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	1.25
S-9	07/06/1985	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	1.20
S-9	10/24/1985	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	01/03/1986	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	04/11/1986	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	07/05/1986	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	9.67	3.08	SPH
S-9	10/18/1986	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	01/13/1987	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	04/22/1987	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	07/07/1987	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	10/10/1987	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	22.30	-9.55	SPH
S-9	02/24/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	05/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	1.50
S-9	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	11.80	NA	2.00
S-9	11/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	02/22/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	11.40	NA	2.38

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S-9	05/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	11.83	NA	2.12
S-9	12/08/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	11.92	NA	1.06
S-9	02/29/1996 a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	12.10	2.88	2.79
S-9	05/22/1996 a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	11.71	2.44	1.75
S-9	07/30/1996 a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	11/11/1996 a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	9.00
S-9	11/03/1997 a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	11/06/1998 a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	SPH
S-9	12/07/1999 a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	NA
S-9	11/02/2000 a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	NA
S-9	12/27/2001 a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.75	NA	NA	NA
S-9	11/26/2002 a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.83	NA	NA	NA
S-9	11/25/2003 a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.83	NA	NA	NA
S-9	11/25/2003 a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.98 n	NA	NA	NA
S-9	**11/23/2005 a**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**14.98**	**NA**	**NA**	**NA**
S-10	10/26/1984	700,000	NA	37,000	100,000	20,000	110,000	NA	NA	NA	NA	NA	NA	12.58	NA	NA	NA
S-10	02/09/1985	6,500	NA	480	700	100	1,800	NA	NA	NA	NA	NA	NA	12.58	NA	NA	NA
S-10	04/27/1985	13,000	NA	1,300	500	600	3,700	NA	NA	NA	NA	NA	NA	12.58	NA	NA	NA
S-10	07/06/1985	14,000	NA	1,300	310	270	2,400	NA	NA	NA	NA	NA	NA	12.58	NA	NA	NA
S-10	10/24/1985	4,200	NA	580	34	4	440	NA	NA	NA	NA	NA	NA	12.58	NA	NA	NA
S-10	01/03/1986	1,700	NA	360	10	7.8	170	NA	NA	NA	NA	NA	NA	12.58	NA	NA	NA
S-10	04/11/1986	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.58	NA	NA	0.01
S-10	07/05/1986	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.58	9.16	3.42	0.01
S-10	10/18/1986	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.58	NA	NA	0.03
S-10	01/13/1987	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.58	NA	NA	0.03
S-10	04/22/1987	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.58	NA	NA	0.01
S-10	07/07/1987	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.58	9.41	3.17	0.03
S-10	10/10/1987	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.58	7.77	4.81	SPH
S-10	02/11/1988	1,200	NA	470	16	<5	14	NA	NA	NA	NA	NA	NA	12.58	6.41	6.17	NA

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S-10	05/10/1988	1,100	NA	100	6	4	19	NA	NA	NA	NA	NA	NA	12.58	9.04	3.54	NA
S-10	08/31/1988	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.58	9.38	3.20	0.01
S-10	12/03/1988	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.58	6.89	5.69	SPH
S-10	02/16/1989	530	NA	89	8.5	1.6	4.5	NA	NA	NA	NA	NA	NA	12.58	7.34	5.24	NA
S-10	05/26/1989	240	NA	65	3.8	2.2	8.6	NA	NA	NA	NA	NA	NA	12.58	6.60	5.98	NA
S-10	08/10/1989	250	NA	23	4.1	<1	6.4	NA	NA	NA	NA	NA	NA	12.58	9.09	3.49	NA
S-10	11/11/1989	320	NA	1.6	1.3	1.4	6.2	NA	NA	NA	NA	NA	NA	12.58	6.58	6.00	NA
S-10	02/21/1994	1,400	NA	190	9.9	<2.5	19	NA	NA	NA	NA	NA	NA	12.58	8.32	4.26	NA
S-10	05/16/1994	300	NA	45	8.6	6.2	19	NA	NA	NA	NA	NA	NA	12.58	8.35	4.23	NA
S-10	08/08/1994	700	NA	57	14	<0.5	9.3	NA	NA	NA	NA	NA	NA	12.58	8.66	3.92	NA
S-10	11/09/1994	640	NA	130	2	1.6	4.1	NA	NA	NA	NA	NA	NA	12.58	6.68	5.90	NA
S-10	02/22/1995	500	NA	65	5.9	1	8.2	NA	NA	NA	NA	NA	NA	12.58	9.12	3.46	NA
S-10	05/02/1995	530	NA	59	2.3	0.8	8.2	NA	NA	NA	NA	NA	NA	12.58	9.50	3.08	NA
S-10	08/24/1995	350	NA	35	4.6	<0.5	6.7	NA	NA	NA	NA	NA	NA	12.58	10.06	2.52	NA
S-10	12/08/1995	690	NA	28	4.6	0.9	8.6	NA	NA	NA	NA	NA	NA	12.58	10.08	2.50	NA
S-10	02/29/1996	430	NA	32	1.8	0.5	5.8	16	NA	NA	NA	NA	NA	12.58	5.32	7.26	NA
S-10	05/22/1996	100	1,200	19	0.63	<0.5	1.4	5.3	NA	NA	NA	NA	NA	12.58	6.04	6.54	NA
S-10	07/30/1996	240	13,000	17	<1.2	<1.2	7.8	11	NA	NA	NA	NA	NA	12.58	10.48	2.10	NA
S-10	11/11/1996	370	4,800	16	1.1	<0.5	7	94	NA	NA	NA	NA	NA	12.58	10.31	2.27	NA
S-10	11/03/1997	340	1,100	6.7	2.1	<0.50	3.3	19	NA	NA	NA	NA	NA	12.58	9.53	3.05	NA
S-10 (D)	11/03/1997	310	1,100	7.8	1.3	<0.50	3.1	19	NA	NA	NA	NA	NA	12.58	9.53	3.05	NA
S-10	11/06/1998	<250	2,000	<2.5	<2.5	<2.5	6.5	900	NA	NA	NA	NA	NA	12.58	5.12	7.46	NA
S-10	12/07/1999	400	2,230	47	33	10	29	90	NA	NA	NA	NA	NA	12.58	7.95	4.63	NA
S-10	11/02/2000	536	14,500	32.0	3.08	<0.500	2.98	42.3	NA	NA	NA	NA	NA	12.58	7.05	5.53	NA
S-10	12/27/2001	870	6,600	61	4.9	2.5	15	NA	26	NA	NA	NA	NA	12.58	7.43	5.15	NA
S-10	11/26/2002	720	9,800	56	3.5	<0.50	8.4	NA	52	NA	NA	NA	NA	15.11	9.75	5.36	NA
S-10	11/25/2003	550	530 m	29	2.7	<0.50	8.4	NA	49	NA	NA	NA	NA	15.11	9.00	6.11	NA
S-10	11/10/2004	660	1,500 m	64	5.0	0.61	14	NA	54	NA	NA	NA	NA	14.93 o	9.50	5.43	NA
S-10	**11/23/2005**	**866**	**NA**	**47.0**	**3.44**	**0.600**	**12.6**	**NA**	**61.9**	**<0.500**	**<0.500**	**<0.500**	**<10.0**	**14.93**	**10.23**	**4.70**	**NA**

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S-12	07/06/1985	<250	2,200	0.71	<0.5	<0.5	<3.6	NA	NA	NA	NA	NA	NA	12.84	8.22	NA	NA
S-12	11/16/1985	<250	1,400	18	<2	<2	<5	NA	NA	NA	NA	NA	NA	12.84	NA	NA	NA
S-12	01/03/1986	<250	NA	24	2	<2	<5	NA	NA	NA	NA	NA	NA	12.84	NA	NA	NA
S-12	07/05/1986	80	NA	15	0.7	<0.5	2	NA	NA	NA	NA	NA	NA	12.84	8.27	4.57	NA
S-12	10/18/1986	150	NA	12	9	<0.5	3.6	NA	NA	NA	NA	NA	NA	12.84	NA	NA	NA
S-12	01/13/1987	120	1,000	3.6	0.8	<0.5	2.9	NA	NA	NA	NA	NA	NA	12.84	NA	NA	NA
S-12	04/22/1987	100	820	3.7	3.8	0.8	11	NA	NA	NA	NA	NA	NA	12.84	NA	NA	NA
S-12	07/07/1987	70	NA	2.5	0.8	<0.5	2.4	NA	NA	NA	NA	NA	NA	12.84	9.50	3.34	NA
S-12	10/10/1987	220	2,500	2.1	0.7	<0.5	1.2	NA	NA	NA	NA	NA	NA	12.84	9.90	2.94	NA
S-12	02/11/1988	110	2,500	0.8	<0.5	<0.5	1.3	NA	NA	NA	NA	NA	NA	12.84	9.43	3.41	NA
S-12	05/10/1988	140	3,800 b	0.8	0.8	<0.5	2.5	NA	NA	NA	NA	NA	NA	12.84	8.65	4.19	NA
S-12	08/31/1988	190	2,600 b	3	15	0.5	4.5	NA	NA	NA	NA	NA	NA	12.84	9.86	2.98	NA
S-12	12/03/1988	180	3,900 b	1.2	1	1	7.7	NA	NA	NA	NA	NA	NA	12.84	9.93	2.91	NA
S-12	02/16/1989	350c	2,100 b	0.6	<0.5	0.5	5.5	NA	NA	NA	NA	NA	NA	12.84	8.08	4.76	NA
S-12	05/28/1989	290	2,200	2	1.6	4.4	6	NA	NA	NA	NA	NA	NA	12.84	9.08	3.76	NA
S-12	08/10/1989	240	720	0.7	<0.5	<0.5	1.1	NA	NA	NA	NA	NA	NA	12.84	9.35	3.49	NA
S-12	11/11/1989	210c	4,100	0.7	0.5	<0.5	3.4	NA	NA	NA	NA	NA	NA	12.84	9.28	3.56	NA
S-12	02/21/1994	240d	2,200 e	0.7	<0.5	<0.5	3.6	NA	NA	NA	NA	NA	NA	12.84	8.22	4.62	NA
S-12	05/16/1994	96	2,200	1.5	<0.5	<0.5	2	NA	NA	NA	NA	NA	NA	12.84	8.92	3.92	NA
S-12	08/08/1994	110f	3,500 g	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	12.84	NA	0.00	NA
S-12	11/09/1994	80	5,400 g	80	<0.5	<0.5	0.6	NA	NA	NA	NA	NA	NA	12.84	7.56	5.28	NA
S-12	02/22/1995	110	2,900 g,h	0.7	<0.5	<0.5	3.7	NA	NA	NA	NA	NA	NA	12.84	7.98	4.86	NA
S-12 (D)	02/22/1995	110	3,400 g,h	4.8	7.1	<0.5	2.1	NA	NA	NA	NA	NA	NA	12.84	7.98	4.86	NA
S-12	05/02/1995	140	2,800	2.4	1.1	0.8	4.3	NA	NA	NA	NA	NA	NA	12.84	8.44	4.40	NA
S-12	08/24/1995	200	1,600	19	12	5.6	24	NA	NA	NA	NA	NA	NA	12.84	9.00	3.84	NA
S-12	12/08/1995	170	2,700	2.2	0.7	0.9	3.6	NA	NA	NA	NA	NA	NA	12.84	9.62	3.22	NA
S-12	02/29/1996	1,700	2,200	<5.0	<5.0	<5.0	<5.0	5,600	NA	NA	NA	NA	NA	12.84	7.64	5.20	NA
S-12	05/22/1996	<1,000	5,700	<10	<10	<10	<10	2,400	NA	NA	NA	NA	NA	12.84	8.94	3.90	NA
S-12	07/30/1996	<500	3,200	<5.0	<5.0	<5.0	<5.0	1,500	NA	NA	NA	NA	NA	12.84	9.71	3.13	NA
S-12 (D)	07/30/1996	<500	2,900	<5.0	<5.0	<5.0	<5.0	NA	2,000	NA	NA	NA	NA	12.84	9.71	3.13	NA

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S-12	11/11/1996	<500	6,900	<5.0	<5.0	<5.0	<5.0	1,400	NA	NA	NA	NA	NA	12.84	9.65	3.19	NA
S-12	11/03/1997	110	2,800	2.1	<0.50	<0.50	1.3	NA	NA	NA	NA	NA	NA	12.84	8.73	4.11	NA
S-12	11/06/1998	<500	2,900	<5.0	<5.0	<5.0	<5.0	2,700	NA	NA	NA	NA	NA	12.84	8.85	3.99	NA
S-12	12/07/1999	<500	2,800	<5.0	<5.0	<5.0	<5.0	1,900	NA	NA	NA	NA	NA	12.84	8.32	4.52	NA
S-12	11/02/2000	132	4,000	0.642	<0.500	<0.500	1.07	1,900	2,230 k	NA	NA	NA	NA	12.84	7.50	5.34	NA
S-12	12/27/2001	230	2,700	<2.0	<2.0	<2.0	<2.0	NA	760	NA	NA	NA	NA	12.84	7.00	5.84	NA
S-12	11/26/2002	180	540	<1.0	<1.0	<1.0	1.7	NA	390	NA	NA	NA	NA	14.87	8.35	6.52	NA
S-12	11/25/2003	<250	2,600 m	<2.5	<2.5	<2.5	<5.0	NA	310	NA	NA	NA	NA	14.87	6.04	8.83	NA
S-12	11/10/2004	290	1,000 m	<1.0	1.2	<1.0	5.0	NA	140	NA	NA	NA	NA	14.87	7.80	7.07	NA
S-12	**11/23/2005**	**<50.0**	**NA**	**<0.500**	**<0.500**	**<0.500**	**2.63**	**NA**	**93.3**	**<0.500**	**<0.500**	**<0.500**	**398**	**14.87**	**7.22**	**7.65**	**NA**
S-13	07/06/1985	700	3,600	200	<5	<5	45	NA	NA	NA	NA	NA	NA	12.59	9.26	NA	NA
S-13	11/16/1985	1,900	2,000	700	160	70	340	NA	NA	NA	NA	NA	NA	12.59	NA	NA	NA
S-13	01/03/1986	2,800	NA	1,400	130	10	500	NA	NA	NA	NA	NA	NA	12.59	NA	NA	NA
S-13	07/05/1986	3,100	NA	1,800	60	40	270	NA	NA	NA	NA	NA	NA	12.59	9.47	3.12	NA
S-13	10/23/1986	3,400	NA	1,500	28	28	250	NA	NA	NA	NA	NA	NA	12.59	NA	NA	NA
S-13	01/13/1987	1,900	900	830	15	<10	99	NA	NA	NA	NA	NA	NA	12.59	NA	NA	NA
S-13	04/22/1987	2,900 c	770 h	1,100	20	30	140	NA	NA	NA	NA	NA	NA	12.59	NA	NA	NA
S-13	07/07/1987	1,500	NA	880	10	6	160	NA	NA	NA	NA	NA	NA	12.59	10.38	2.21	NA
S-13	10/10/1987	480	2,400	830	15	<0.5	120	NA	NA	NA	NA	NA	NA	12.59	10.78	1.81	NA
S-13	02/11/1988	1,300	1,300	510	<10	<10	86	NA	NA	NA	NA	NA	NA	12.59	10.48	2.11	NA
S-13	05/10/1988	1,000	1,300 b	470	<0.5	<5	50	NA	NA	NA	NA	NA	NA	12.59	9.48	3.11	NA
S-13	08/31/1988	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.59	10.74	1.85	SPH
S-13	12/03/1988	900	2,400 b	290	4.6	<2.5	20	NA	NA	NA	NA	NA	NA	12.59	10.30	2.29	NA
S-13	02/16/1989	840 c	1,200 b	310	3.5	<2.5	27	NA	NA	NA	NA	NA	NA	12.59	7.60	4.99	NA
S-13	05/28/1989	2,100	4,600	1,100	19	50	350	NA	NA	NA	NA	NA	NA	12.59	10.60	1.99	NA
S-13	08/10/1989	900	2,300	230	16	6.9	65	NA	NA	NA	NA	NA	NA	12.59	10.58	2.01	NA
S-13	11/11/1989	2,800	2,800	200	15	8.6	58	NA	NA	NA	NA	NA	NA	12.59	9.84	2.75	NA
S-13	02/21/1994	700	1,800 d	200	<5	<5	45	NA	NA	NA	NA	NA	NA	12.59	9.26	3.33	NA
S-13	05/16/1994	650	1,700	180	2.5	<2.5	21	NA	NA	NA	NA	NA	NA	12.59	9.62	2.97	NA

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Emeryville, 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-13	08/08/1994	470	2,600 g	12	1.5	0.5	14	NA	NA	NA	NA	NA	NA	12.59	10.32	2.27	NA
S-13	11/09/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.59	NA	NA	NA
S-13	02/22/1995	550	2,400 g,h	190	4	<0.5	17	NA	NA	NA	NA	NA	NA	12.59	8.92	3.67	NA
S-13	05/02/1995	790	2,100	250	6.9	1.2	22	NA	NA	NA	NA	NA	NA	12.59	9.52	3.07	NA
S-13	08/24/1995	330	1,500	93	<0.5	<0.5	2	NA	NA	NA	NA	NA	NA	12.59	10.02	2.57	NA
S-13	12/08/1995	440	2,400	110	2.2	0.8	23	NA	NA	NA	NA	NA	NA	12.59	10.75	1.84	NA
S-13	02/29/1996	560	2,500	130	<5.0	<5.0	30	30	NA	NA	NA	NA	NA	12.59	9.02	3.57	NA
S-13	05/22/1996	430	3,700	55	1.6	310	27	<5.0	NA	NA	NA	NA	NA	12.59	10.20	2.39	NA
S-13	07/30/1996	230	1,600	30	2	1.4	17	15	NA	NA	NA	NA	NA	12.59	10.42	2.17	NA
S-13	11/11/1996	320	2,700	19	1.1	<0.5	14	3.5	NA	NA	NA	NA	NA	12.59	10.28	2.31	NA
S-13 (D)	11/11/1996	360	2,400	24	1.3	<0.5	15	4.5	NA	NA	NA	NA	NA	12.59	10.28	2.31	NA
S-13	11/03/1997	300	1,900	25	1.4	0.63	12	5.0	NA	NA	NA	NA	NA	12.59	9.36	3.23	NA
S-13	11/06/1998	390	1,300	53	2.9	1.1	13	17	NA	NA	NA	NA	NA	12.59	9.85	2.74	NA
S-13	12/07/1999	420	1,430	15	6.2	2.6	15	42	NA	NA	NA	NA	NA	12.59	9.72	2.87	NA
S-13	11/02/2000	257	4,240	4.89	1.92	<0.500	5.17	45.1	NA	NA	NA	NA	NA	12.59	7.15	5.44	NA
S-13	12/27/2001	300	6,400	7.2	0.84	<0.50	6.0	NA	34	NA	NA	NA	NA	12.59	9.35	3.24	NA
S-13	11/26/2002	160	850	<0.50	<0.50	<0.50	2.6	NA	23	NA	NA	NA	NA	14.47	9.80	4.67	NA
S-13	11/25/2003	180	5,100 m	0.57	0.55	<0.50	3.0	NA	26	NA	NA	NA	NA	14.47	9.94	4.53	NA
S-13	11/10/2004	220	1,900 m	<0.50	0.71	<0.50	2.8	NA	26	NA	NA	NA	NA	14.47	10.05	4.42	NA
S-13	**11/23/2005**	**<50.0**	**NA**	**4.33**	**1.24**	**0.700**	**5.40**	**NA**	**27.2**	**<0.500**	**<0.500**	**<0.500**	**30.3**	**14.47**	**10.02**	**4.45**	**NA**
S-14	11/16/1985	<250	400	3	<2	<2	<5	NA	NA	NA	NA	NA	NA	12.69	NA	NA	NA
S-14	01/03/1986	<250	NA	3	2	<2	<5	NA	NA	NA	NA	NA	NA	12.69	NA	NA	NA
S-14	04/22/1987	1,200	18,000	7.4	2.7	15	110	NA	NA	NA	NA	NA	NA	12.69	NA	NA	NA
S-14	07/07/1987	190	NA	6.5	0.6	1.9	26	NA	NA	NA	NA	NA	NA	12.69	10.32	2.37	NA
S-14	10/10/1987	4,900	21,000	7	1.2	<0.5	25	NA	NA	NA	NA	NA	NA	12.69	10.77	1.92	NA
S-14	02/11/1988	370	12,000 c	4.6	<2.5	<2.5	26	NA	NA	NA	NA	NA	NA	12.69	10.40	2.29	NA
S-14	05/10/1988	660	2,200 b	2.9	<2.5	<2.5	24	NA	NA	NA	NA	NA	NA	12.69	9.66	3.03	NA
S-14	08/31/1988	700	7,900	3.2	<2.5	<2.5	15	NA	NA	NA	NA	NA	NA	12.69	10.74	1.95	NA
S-14	12/03/1988	210	11,000 b	<0.5	<0.5	0.8	6.8	NA	NA	NA	NA	NA	NA	12.69	10.69	2.00	NA

WELL CONCENTRATIONS
Shell-Branded Service Station
1800 1/2 Powell Street
Emeryville, 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-14	02/16/1989	130 c	5,700 b	<0.5	<0.5	<0.5	4.4	NA	NA	NA	NA	NA	NA	12.69	9.69	3.00	NA
S-14	05/28/1989	770	5,200	<0.5	<0.5	<0.5	4.5	NA	NA	NA	NA	NA	NA	12.69	10.42	2.27	NA
S-14	08/10/1989	920	8,800	<1	<1	1.6	17	NA	NA	NA	NA	NA	NA	12.69	10.54	2.15	NA
S-14	11/11/1989	710	28,000	20	57	25	69	NA	NA	NA	NA	NA	NA	12.69	9.91	2.78	NA
S-14	02/21/1994	2,800	3,600	<5	<5	<5	14	NA	NA	NA	NA	NA	NA	12.69	9.30	3.09	NA
S-14	02/21/1994	2,300 d	3,600 e	<5.0	<5	<5	14	NA	NA	NA	NA	NA	NA	12.69	9.30	3.39	NA
S-14	05/16/1994	310	6,700	<2.5	<2.5	<2.5	3.1	NA	NA	NA	NA	NA	NA	12.69	9.54	3.15	NA
S-14	08/08/1994	480l	2,900	<0.5	0.6	<0.5	0.8	NA	NA	NA	NA	NA	NA	12.69	10.29	2.40	NA
S-14 (D)	08/08/1994	590l	2,900	<0.5	0.6	<0.5	1.5	NA	NA	NA	NA	NA	NA	12.69	10.29	2.40	NA
S-14	11/09/1994	170 i	6,400 g	0.7	<0.5	<0.5	2.7	NA	NA	NA	NA	NA	NA	12.69	9.52	3.07	NA
S-14	02/22/1995	550	7,000 g,h	<0.5	<0.5	<0.5	1.6	NA	NA	NA	NA	NA	NA	12.69	9.18	3.51	NA
S-14	05/02/1995	210	2,300	1	0.9	1.1	6.3	NA	NA	NA	NA	NA	NA	12.69	9.49	3.20	NA
S-14 (D)	05/02/1995	160	2,600	0.6	0.6	0.7	3.8	NA	NA	NA	NA	NA	NA	12.69	9.49	3.20	NA
S-14	08/24/1995	180	3,700	0.5	<0.5	<0.5	1.3	NA	NA	NA	NA	NA	NA	12.69	9.94	2.75	NA
S-14	12/08/1995	190	4,900	1	<0.5	0.6	4.6	NA	NA	NA	NA	NA	NA	12.69	10.65	2.04	NA
S-14	02/29/1996	200	11,000	<0.5	<0.5	<0.5	2	3	NA	NA	NA	NA	NA	12.69	8.90	3.79	NA
S-14	05/22/1996	93	3,800	<0.5	<0.5	<0.5	1.6	<2.5	NA	NA	NA	NA	NA	12.69	10.10	2.59	NA
S-14 (D)	05/22/1996	150	3,900	<0.5	<0.5	<0.5	1.8	<2.5	NA	NA	NA	NA	NA	12.69	10.10	2.59	NA
S-14	07/30/1996	<50	2,500	<0.5	<0.5	<0.5	0.89	<2.5	NA	NA	NA	NA	NA	12.69	10.37	2.32	NA
S-14	11/11/1996	2,600	27,000	<2.5	<2.5	<2.5	3.9	<12	NA	NA	NA	NA	NA	12.69	10.29	2.40	NA
S-14	11/03/1997	430	1,800	<0.50	<0.50	<0.50	1.7	<2.5	NA	NA	NA	NA	NA	12.69	9.52	3.17	NA
S-14	11/06/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.69	NA	NA	NA
S-14	12/07/1999	970	5,920	1.0	1.1	0.59	3.5	2.6	NA	NA	NA	NA	NA	12.69	9.73	2.96	NA
S-14	11/02/2000	273	535,000	<0.500	<0.500	<0.500	1.59	<2.50	NA	NA	NA	NA	NA	12.69	9.98	2.71	NA
S-14	12/27/2001	68	20,000	<0.50	<0.50	<0.50	1.3	NA	<5.0	NA	NA	NA	NA	12.69	9.33	3.36	NA
S-14	11/26/2002	<50	2,400	<0.50	<0.50	<0.50	0.91	NA	<5.0	NA	NA	NA	NA	14.51	9.70	4.81	NA
S-14	11/25/2003	78 m	4,400 m	<0.50	<0.50	<0.50	1.2	NA	1.6	NA	NA	NA	NA	14.51	9.99	4.52	NA
S-14	11/10/2004	74 p	2,500 m	<0.50	<0.50	<0.50	<1.0	NA	1.9	NA	NA	NA	NA	14.51	10.05	4.46	NA
S-14	**11/23/2005**	**<50.0**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**1.02**	**<0.500**	**<0.500**	**<0.500**	**<10.0**	**14.51**	**9.92**	**4.59**	**NA**

WELL CONCENTRATIONS
Shell-Branded Service Station
1800 1/2 Powell Street
Emeryville, 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B, prior to December 27, 2001, 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 December 27, 2001, by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

TOB = Top of Wellbox Elevation

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

ug/L = parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

WELL CONCENTRATIONS
Shell-Branded Service Station
1800 1/2 Powell Street
Emeryville, 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)

Notes:

a = Tar-like substance in well, probably from previous landfill activities; not gasoline.

b = Compounds detected within the chromatographic range appear to be weathered diesel.

c = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern.

d = The concentrations reported as gasoline for samples S-12 and S-14 are primarily due to the presence of a discrete peak.

e = The concentrations reported as diesel for samples S-12, S-13, and S-14 are due to the presence of a combination of diesel and a heavier petroleum product of hydrocarbon range C18 - C36, possibly motor oil.

f = The result for gasoline is an unknown hydrocarbon which consists of several peaks.

g = The positive result appears to be a heavier hydrocarbon than diesel.

h = Compounds detected within the chromatographic range of diesel appears to include gasoline compounds.

i = The positive result appears to be a heavier hydrocarbon than gasoline.

j = No MTBE could be determined due to co-elution with early eluting compounds.

k = This sample analyzed outside of EPA recommended holding time.

m = Hydrocarbon does not match pattern of laboratory's standard.

n = Top of casing altered +0.15 feet on August 2, 2004 due to wellhead maintenance.

o = Top of casing altered -0.18 feet on August 2, 2004 due to wellhead maintenance.

p = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

Beginning November 26, 2002, depth to water referenced to Top of Casing Elevation.

Active wells surveyed February 12, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

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

December 12, 2005

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

Work Order: NOK3396
Project Name: 1800 Powell Street, Emeryville, CA
Project Nbr: 051123-PC2
Date Received: 11/30/05

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
S-5	NOK3396-01	11/23/05 13:08
S-8	NOK3396-02	11/23/05 13:52
S-10	NOK3396-03	11/23/05 16:08
S-12	NOK3396-04	11/23/05 13:34
S-13	NOK3396-05	11/23/05 14:52
S-14	NOK3396-06	11/23/05 14:28

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

California Certification Number: 01168CA

Report Approved By:

Gail Lage

Gail Lage
Senior Project Manager

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

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

Work Order: NOK3396
Project Name: 1800 Powell Street, Emeryville, CA
Project Number: 051123-PC2
Received: 11/30/05 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NOK3396-01 (S-5 - Ground Water) Sampled: 11/23/05 13:08									
Oxygenates by EPA 8260B									
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	12/06/05 16:58	SW846 8260B	JJR	5120573
Benzene	**102**		ug/L	0.500	1	12/06/05 16:58	SW846 8260B	JJR	5120573
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	12/06/05 16:58	SW846 8260B	JJR	5120573
Ethylbenzene	**0.540**		ug/L	0.500	1	12/06/05 16:58	SW846 8260B	JJR	5120573
Isopropyl Ether	ND		ug/L	0.500	1	12/06/05 16:58	SW846 8260B	JJR	5120573
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	12/06/05 16:58	SW846 8260B	JJR	5120573
Toluene	**2.42**		ug/L	0.500	1	12/06/05 16:58	SW846 8260B	JJR	5120573
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	12/06/05 16:58	SW846 8260B	JJR	5120573
Xylenes, total	**5.71**		ug/L	0.500	1	12/06/05 16:58	SW846 8260B	JJR	5120573
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	*88 %*					*12/06/05 16:58*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Dibromofluoromethane (79-122%)	*101 %*					*12/06/05 16:58*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Toluene-d8 (78-121%)	*97 %*					*12/06/05 16:58*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: 4-Bromofluorobenzene (78-126%)	*116 %*					*12/06/05 16:58*	*SW846 8260B*	*JJR*	*5120573*
Purgeable Petroleum Hydrocarbons									
Gasoline Range Organics	**1630**		ug/L	50.0	1	12/06/05 16:58	SW846 8260B	JJR	5120573
Surrogate: 1,2-Dichloroethane-d4 (0-200%)	*88 %*					*12/06/05 16:58*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Dibromofluoromethane (0-200%)	*101 %*					*12/06/05 16:58*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Toluene-d8 (0-200%)	*97 %*					*12/06/05 16:58*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: 4-Bromofluorobenzene (0-200%)	*116 %*					*12/06/05 16:58*	*SW846 8260B*	*JJR*	*5120573*
Sample ID: NOK3396-02 (S-8 - Ground Water) Sampled: 11/23/05 13:52									
Oxygenates by EPA 8260B									
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	12/06/05 17:20	SW846 8260B	JJR	5120573
Benzene	**8.72**		ug/L	0.500	1	12/06/05 17:20	SW846 8260B	JJR	5120573
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	12/06/05 17:20	SW846 8260B	JJR	5120573
Ethylbenzene	**1.03**		ug/L	0.500	1	12/06/05 17:20	SW846 8260B	JJR	5120573
Isopropyl Ether	ND		ug/L	0.500	1	12/06/05 17:20	SW846 8260B	JJR	5120573
Methyl tert-Butyl Ether	**35.2**		ug/L	0.500	1	12/06/05 17:20	SW846 8260B	JJR	5120573
Toluene	**3.15**		ug/L	0.500	1	12/06/05 17:20	SW846 8260B	JJR	5120573
Tertiary Butyl Alcohol	**20.1**		ug/L	10.0	1	12/06/05 17:20	SW846 8260B	JJR	5120573
Xylenes, total	**12.6**		ug/L	0.500	1	12/06/05 17:20	SW846 8260B	JJR	5120573
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	*87 %*					*12/06/05 17:20*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Dibromofluoromethane (79-122%)	*99 %*					*12/06/05 17:20*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Toluene-d8 (78-121%)	*100 %*					*12/06/05 17:20*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: 4-Bromofluorobenzene (78-126%)	*109 %*					*12/06/05 17:20*	*SW846 8260B*	*JJR*	*5120573*
Purgeable Petroleum Hydrocarbons									
Gasoline Range Organics	**476**		ug/L	50.0	1	12/06/05 17:20	SW846 8260B	JJR	5120573
Surrogate: 1,2-Dichloroethane-d4 (0-200%)	*87 %*					*12/06/05 17:20*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Dibromofluoromethane (0-200%)	*99 %*					*12/06/05 17:20*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Toluene-d8 (0-200%)	*100 %*					*12/06/05 17:20*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: 4-Bromofluorobenzene (0-200%)	*109 %*					*12/06/05 17:20*	*SW846 8260B*	*JJR*	*5120573*

TestAmerica
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Client Cambria Environmental Tech. Inc. / Shell (13675)
5900 Hollis Street, Suite A
Emeryville, CA 94608
Attn Anni Kreml

Work Order: NOK3396
Project Name: 1800 Powell Street, Emeryville, CA
Project Number: 051123-PC2
Received: 11/30/05 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NOK3396-03 (S-10 - Ground Water) Sampled: 11/23/05 16:08									
Oxygenates by EPA 8260B									
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	12/06/05 17:42	SW846 8260B	JJR	5120573
Benzene	**47.0**		ug/L	0.500	1	12/06/05 17:42	SW846 8260B	JJR	5120573
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	12/06/05 17:42	SW846 8260B	JJR	5120573
Ethylbenzene	**0.600**		ug/L	0.500	1	12/06/05 17:42	SW846 8260B	JJR	5120573
Isopropyl Ether	ND		ug/L	0.500	1	12/06/05 17:42	SW846 8260B	JJR	5120573
Methyl tert-Butyl Ether	**61.9**		ug/L	0.500	1	12/06/05 17:42	SW846 8260B	JJR	5120573
Toluene	**3.44**		ug/L	0.500	1	12/06/05 17:42	SW846 8260B	JJR	5120573
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	12/06/05 17:42	SW846 8260B	JJR	5120573
Xylenes, total	**12.6**		ug/L	0.500	1	12/06/05 17:42	SW846 8260B	JJR	5120573
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	*88 %*					*12/06/05 17:42*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Dibromofluoromethane (79-122%)	*103 %*					*12/06/05 17:42*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Toluene-d8 (78-121%)	*99 %*					*12/06/05 17:42*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: 4-Bromofluorobenzene (78-126%)	*106 %*					*12/06/05 17:42*	*SW846 8260B*	*JJR*	*5120573*
Purgeable Petroleum Hydrocarbons									
Gasoline Range Organics	**866**		ug/L	50.0	1	12/06/05 17:42	SW846 8260B	JJR	5120573
Surrogate: 1,2-Dichloroethane-d4 (0-200%)	*88 %*					*12/06/05 17:42*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Dibromofluoromethane (0-200%)	*103 %*					*12/06/05 17:42*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Toluene-d8 (0-200%)	*99 %*					*12/06/05 17:42*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: 4-Bromofluorobenzene (0-200%)	*106 %*					*12/06/05 17:42*	*SW846 8260B*	*JJR*	*5120573*
Sample ID: NOK3396-04 (S-12 - Ground Water) Sampled: 11/23/05 13:34									
Oxygenates by EPA 8260B									
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	12/06/05 18:04	SW846 8260B	JJR	5120573
Benzene	ND		ug/L	0.500	1	12/06/05 18:04	SW846 8260B	JJR	5120573
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	12/06/05 18:04	SW846 8260B	JJR	5120573
Ethylbenzene	ND		ug/L	0.500	1	12/06/05 18:04	SW846 8260B	JJR	5120573
Isopropyl Ether	ND		ug/L	0.500	1	12/06/05 18:04	SW846 8260B	JJR	5120573
Methyl tert-Butyl Ether	**93.3**		ug/L	0.500	1	12/06/05 18:04	SW846 8260B	JJR	5120573
Toluene	ND		ug/L	0.500	1	12/06/05 18:04	SW846 8260B	JJR	5120573
Tertiary Butyl Alcohol	**398**		ug/L	10.0	1	12/06/05 18:04	SW846 8260B	JJR	5120573
Xylenes, total	**2.63**		ug/L	0.500	1	12/06/05 18:04	SW846 8260B	JJR	5120573
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	*82 %*					*12/06/05 18:04*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Dibromofluoromethane (79-122%)	*102 %*					*12/06/05 18:04*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Toluene-d8 (78-121%)	*100 %*					*12/06/05 18:04*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: 4-Bromofluorobenzene (78-126%)	*108 %*					*12/06/05 18:04*	*SW846 8260B*	*JJR*	*5120573*
Purgeable Petroleum Hydrocarbons									
Gasoline Range Organics	ND		ug/L	50.0	1	12/06/05 18:04	SW846 8260B	JJR	5120573
Surrogate: 1,2-Dichloroethane-d4 (0-200%)	*82 %*					*12/06/05 18:04*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Dibromofluoromethane (0-200%)	*102 %*					*12/06/05 18:04*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Toluene-d8 (0-200%)	*100 %*					*12/06/05 18:04*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: 4-Bromofluorobenzene (0-200%)	*108 %*					*12/06/05 18:04*	*SW846 8260B*	*JJR*	*5120573*

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

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

Work Order: NOK3396
Project Name: 1800 Powell Street, Emeryville, CA
Project Number: 051123-PC2
Received: 11/30/05 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID: NOK3396-05 (S-13 - Ground Water) Sampled: 11/23/05 14:52									
Oxygenates by EPA 8260B									
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	12/06/05 18:26	SW846 8260B	JJR	5120573
Benzene	**4.33**		ug/L	0.500	1	12/06/05 18:26	SW846 8260B	JJR	5120573
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	12/06/05 18:26	SW846 8260B	JJR	5120573
Ethylbenzene	**0.700**		ug/L	0.500	1	12/06/05 18:26	SW846 8260B	JJR	5120573
Isopropyl Ether	ND		ug/L	0.500	1	12/06/05 18:26	SW846 8260B	JJR	5120573
Methyl tert-Butyl Ether	**27.2**		ug/L	0.500	1	12/06/05 18:26	SW846 8260B	JJR	5120573
Toluene	**1.24**		ug/L	0.500	1	12/06/05 18:26	SW846 8260B	JJR	5120573
Tertiary Butyl Alcohol	**30.3**		ug/L	10.0	1	12/06/05 18:26	SW846 8260B	JJR	5120573
Xylenes, total	**5.40**		ug/L	0.500	1	12/06/05 18:26	SW846 8260B	JJR	5120573
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	*88 %*					*12/06/05 18:26*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Dibromofluoromethane (79-122%)	*102 %*					*12/06/05 18:26*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Toluene-d8 (78-121%)	*98 %*					*12/06/05 18:26*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: 4-Bromofluorobenzene (78-126%)	*112 %*					*12/06/05 18:26*	*SW846 8260B*	*JJR*	*5120573*
Purgeable Petroleum Hydrocarbons									
Gasoline Range Organics	ND		ug/L	50.0	1	12/06/05 18:26	SW846 8260B	JJR	5120573
Surrogate: 1,2-Dichloroethane-d4 (0-200%)	*88 %*					*12/06/05 18:26*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Dibromofluoromethane (0-200%)	*102 %*					*12/06/05 18:26*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Toluene-d8 (0-200%)	*98 %*					*12/06/05 18:26*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: 4-Bromofluorobenzene (0-200%)	*112 %*					*12/06/05 18:26*	*SW846 8260B*	*JJR*	*5120573*
Sample ID: NOK3396-06 (S-14 - Ground Water) Sampled: 11/23/05 14:28									
Oxygenates by EPA 8260B									
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	12/06/05 18:48	SW846 8260B	JJR	5120573
Benzene	ND		ug/L	0.500	1	12/06/05 18:48	SW846 8260B	JJR	5120573
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	12/06/05 18:48	SW846 8260B	JJR	5120573
Ethylbenzene	ND		ug/L	0.500	1	12/06/05 18:48	SW846 8260B	JJR	5120573
Isopropyl Ether	ND		ug/L	0.500	1	12/06/05 18:48	SW846 8260B	JJR	5120573
Methyl tert-Butyl Ether	**1.02**		ug/L	0.500	1	12/06/05 18:48	SW846 8260B	JJR	5120573
Toluene	ND		ug/L	0.500	1	12/06/05 18:48	SW846 8260B	JJR	5120573
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	12/06/05 18:48	SW846 8260B	JJR	5120573
Xylenes, total	ND		ug/L	0.500	1	12/06/05 18:48	SW846 8260B	JJR	5120573
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	*87 %*					*12/06/05 18:48*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Dibromofluoromethane (79-122%)	*101 %*					*12/06/05 18:48*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Toluene-d8 (78-121%)	*99 %*					*12/06/05 18:48*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: 4-Bromofluorobenzene (78-126%)	*113 %*					*12/06/05 18:48*	*SW846 8260B*	*JJR*	*5120573*
Purgeable Petroleum Hydrocarbons									
Gasoline Range Organics	ND		ug/L	50.0	1	12/06/05 18:48	SW846 8260B	JJR	5120573
Surrogate: 1,2-Dichloroethane-d4 (0-200%)	*87 %*					*12/06/05 18:48*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Dibromofluoromethane (0-200%)	*101 %*					*12/06/05 18:48*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: Toluene-d8 (0-200%)	*99 %*					*12/06/05 18:48*	*SW846 8260B*	*JJR*	*5120573*
Surrogate: 4-Bromofluorobenzene (0-200%)	*113 %*					*12/06/05 18:48*	*SW846 8260B*	*JJR*	*5120573*

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

Work Order: NOK3396
Project Name: 1800 Powell Street, Emeryville, CA
Project Number: 051123-PC2
Received: 11/30/05 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Oxygenates by EPA 8260B						
5120573-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	5120573	5120573-BLK1	12/06/05 12:30
Benzene	<0.200		ug/L	5120573	5120573-BLK1	12/06/05 12:30
Ethyl tert-Butyl Ether	<0.200		ug/L	5120573	5120573-BLK1	12/06/05 12:30
Ethylbenzene	<0.200		ug/L	5120573	5120573-BLK1	12/06/05 12:30
Isopropyl Ether	<0.200		ug/L	5120573	5120573-BLK1	12/06/05 12:30
Methyl tert-Butyl Ether	<0.200		ug/L	5120573	5120573-BLK1	12/06/05 12:30
Toluene	<0.200		ug/L	5120573	5120573-BLK1	12/06/05 12:30
Tertiary Butyl Alcohol	<5.06		ug/L	5120573	5120573-BLK1	12/06/05 12:30
Xylenes, total	<0.350		ug/L	5120573	5120573-BLK1	12/06/05 12:30
Surrogate: 1,2-Dichloroethane-d4	86%			5120573	5120573-BLK1	12/06/05 12:30
Surrogate: Dibromofluoromethane	101%			5120573	5120573-BLK1	12/06/05 12:30
Surrogate: Toluene-d8	102%			5120573	5120573-BLK1	12/06/05 12:30
Surrogate: 4-Bromofluorobenzene	109%			5120573	5120573-BLK1	12/06/05 12:30
Purgeable Petroleum Hydrocarbons						
5120573-BLK1						
Gasoline Range Organics	<50.0		ug/L	5120573	5120573-BLK1	12/06/05 12:30
Surrogate: 1,2-Dichloroethane-d4	86%			5120573	5120573-BLK1	12/06/05 12:30
Surrogate: Dibromofluoromethane	101%			5120573	5120573-BLK1	12/06/05 12:30
Surrogate: Toluene-d8	102%			5120573	5120573-BLK1	12/06/05 12:30
Surrogate: 4-Bromofluorobenzene	109%			5120573	5120573-BLK1	12/06/05 12:30

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Work Order: NOK3396
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Project Number: 051123-PC2
Received: 11/30/05 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Oxygenates by EPA 8260B								
5120573-BS1								
Tert-Amyl Methyl Ether	50.0	46.9		ug/L	94%	56 - 145	5120573	12/06/05 20:38
Benzene	50.0	46.4		ug/L	93%	79 - 123	5120573	12/06/05 20:38
Ethyl tert-Butyl Ether	50.0	45.4		ug/L	91%	64 - 141	5120573	12/06/05 20:38
Ethylbenzene	50.0	47.6		ug/L	95%	79 - 125	5120573	12/06/05 20:38
Isopropyl Ether	50.0	41.5		ug/L	83%	73 - 135	5120573	12/06/05 20:38
Methyl tert-Butyl Ether	50.0	41.0		ug/L	82%	66 - 142	5120573	12/06/05 20:38
Toluene	50.0	50.5		ug/L	101%	78 - 122	5120573	12/06/05 20:38
Tertiary Butyl Alcohol	500	393		ug/L	79%	42 - 154	5120573	12/06/05 20:38
Xylenes, total	150	146		ug/L	97%	79 - 130	5120573	12/06/05 20:38
Surrogate: 1,2-Dichloroethane-d4	50.0	42.3			85%	70 - 130	5120573	12/06/05 20:38
Surrogate: 1,2-Dichloroethane-d4	50.0	42.3			85%	70 - 130	5120573	12/06/05 20:38
Surrogate: Dibromofluoromethane	50.0	49.6			99%	79 - 122	5120573	12/06/05 20:38
Surrogate: Dibromofluoromethane	50.0	49.6			99%	79 - 122	5120573	12/06/05 20:38
Surrogate: Toluene-d8	50.0	51.2			102%	78 - 121	5120573	12/06/05 20:38
Surrogate: Toluene-d8	50.0	51.2			102%	78 - 121	5120573	12/06/05 20:38
Surrogate: 4-Bromofluorobenzene	50.0	54.9			110%	78 - 126	5120573	12/06/05 20:38
Surrogate: 4-Bromofluorobenzene	50.0	54.9			110%	78 - 126	5120573	12/06/05 20:38
Purgeable Petroleum Hydrocarbons								
5120573-BS1								
Gasoline Range Organics	3050	2890		ug/L	95%	67 - 130	5120573	12/06/05 20:38
Surrogate: 1,2-Dichloroethane-d4	50.0	42.3			85%	70 - 130	5120573	12/06/05 20:38
Surrogate: Dibromofluoromethane	50.0	49.6			99%	70 - 130	5120573	12/06/05 20:38
Surrogate: Toluene-d8	50.0	51.2			102%	70 - 130	5120573	12/06/05 20:38
Surrogate: 4-Bromofluorobenzene	50.0	54.9			110%	70 - 130	5120573	12/06/05 20:38

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

Work Order: NOK3396
Project Name: 1800 Powell Street, Emeryville, CA
Project Number: 051123-PC2
Received: 11/30/05 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Oxygenates by EPA 8260B										
5120573-MS1										
Tert-Amyl Methyl Ether	ND	47.0		ug/L	50.0	94%	45 - 155	5120573	NOK3298-05	12/06/05 19:54
Benzene	ND	47.0		ug/L	50.0	94%	71 - 137	5120573	NOK3298-05	12/06/05 19:54
Ethyl tert-Butyl Ether	ND	45.2		ug/L	50.0	90%	57 - 148	5120573	NOK3298-05	12/06/05 19:54
Ethylbenzene	ND	45.6		ug/L	50.0	91%	72 - 139	5120573	NOK3298-05	12/06/05 19:54
Isopropyl Ether	ND	38.8		ug/L	50.0	78%	67 - 143	5120573	NOK3298-05	12/06/05 19:54
Methyl tert-Butyl Ether	ND	41.4		ug/L	50.0	83%	55 - 152	5120573	NOK3298-05	12/06/05 19:54
Toluene	ND	50.4		ug/L	50.0	101%	73 - 133	5120573	NOK3298-05	12/06/05 19:54
Tertiary Butyl Alcohol	ND	532		ug/L	500	106%	19 - 183	5120573	NOK3298-05	12/06/05 19:54
Xylenes, total	ND	140		ug/L	150	93%	70 - 143	5120573	NOK3298-05	12/06/05 19:54
Surrogate: 1,2-Dichloroethane-d4		44.3		ug/L	50.0	89%	70 - 130	5120573	NOK3298-05	12/06/05 19:54
Surrogate: 1,2-Dichloroethane-d4		44.3		ug/L	50.0	89%	70 - 130	5120573	NOK3298-05	12/06/05 19:54
Surrogate: Dibromofluoromethane		51.3		ug/L	50.0	103%	79 - 122	5120573	NOK3298-05	12/06/05 19:54
Surrogate: Dibromofluoromethane		51.3		ug/L	50.0	103%	79 - 122	5120573	NOK3298-05	12/06/05 19:54
Surrogate: Toluene-d8		50.2		ug/L	50.0	100%	78 - 121	5120573	NOK3298-05	12/06/05 19:54
Surrogate: Toluene-d8		50.2		ug/L	50.0	100%	78 - 121	5120573	NOK3298-05	12/06/05 19:54
Surrogate: 4-Bromofluorobenzene		55.9		ug/L	50.0	112%	78 - 126	5120573	NOK3298-05	12/06/05 19:54
Surrogate: 4-Bromofluorobenzene		55.9		ug/L	50.0	112%	78 - 126	5120573	NOK3298-05	12/06/05 19:54
Purgeable Petroleum Hydrocarbons										
5120573-MS1										
Gasoline Range Organics	ND	2290		ug/L	3050	75%	60 - 140	5120573	NOK3298-05	12/06/05 19:54
Surrogate: 1,2-Dichloroethane-d4		44.3		ug/L	50.0	89%	0 - 200	5120573	NOK3298-05	12/06/05 19:54
Surrogate: Dibromofluoromethane		51.3		ug/L	50.0	103%	0 - 200	5120573	NOK3298-05	12/06/05 19:54
Surrogate: Toluene-d8		50.2		ug/L	50.0	100%	0 - 200	5120573	NOK3298-05	12/06/05 19:54
Surrogate: 4-Bromofluorobenzene		55.9		ug/L	50.0	112%	0 - 200	5120573	NOK3298-05	12/06/05 19:54

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

Work Order: NOK3396
Project Name: 1800 Powell Street, Emeryville, CA
Project Number: 051123-PC2
Received: 11/30/05 08:00

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
Oxygenates by EPA 8260B												
5120573-MSD1												
Tert-Amyl Methyl Ether	ND	45.2		ug/L	50.0	90%	45 - 155	4	24	5120573	NOK3298-05	12/06/05 20:16
Benzene	ND	46.5		ug/L	50.0	93%	71 - 137	1	23	5120573	NOK3298-05	12/06/05 20:16
Ethyl tert-Butyl Ether	ND	43.4		ug/L	50.0	87%	57 - 148	4	22	5120573	NOK3298-05	12/06/05 20:16
Ethylbenzene	ND	46.0		ug/L	50.0	92%	72 - 139	0.9	23	5120573	NOK3298-05	12/06/05 20:16
Isopropyl Ether	ND	36.3		ug/L	50.0	73%	67 - 143	7	22	5120573	NOK3298-05	12/06/05 20:16
Methyl tert-Butyl Ether	ND	40.8		ug/L	50.0	82%	55 - 152	1	27	5120573	NOK3298-05	12/06/05 20:16
Toluene	ND	45.9		ug/L	50.0	92%	73 - 133	9	25	5120573	NOK3298-05	12/06/05 20:16
Tertiary Butyl Alcohol	ND	593		ug/L	500	119%	19 - 183	11	39	5120573	NOK3298-05	12/06/05 20:16
Xylenes, total	ND	137		ug/L	150	91%	70 - 143	2	27	5120573	NOK3298-05	12/06/05 20:16
Surrogate: 1,2-Dichloroethane-d4		43.3		ug/L	50.0	87%	70 - 130			5120573	NOK3298-05	12/06/05 20:16
Surrogate: 1,2-Dichloroethane-d4		43.3		ug/L	50.0	87%	70 - 130			5120573	NOK3298-05	12/06/05 20:16
Surrogate: Dibromofluoromethane		50.7		ug/L	50.0	101%	79 - 122			5120573	NOK3298-05	12/06/05 20:16
Surrogate: Dibromofluoromethane		50.7		ug/L	50.0	101%	79 - 122			5120573	NOK3298-05	12/06/05 20:16
Surrogate: Toluene-d8		50.4		ug/L	50.0	101%	78 - 121			5120573	NOK3298-05	12/06/05 20:16
Surrogate: Toluene-d8		50.4		ug/L	50.0	101%	78 - 121			5120573	NOK3298-05	12/06/05 20:16
Surrogate: 4-Bromofluorobenzene		54.8		ug/L	50.0	110%	78 - 126			5120573	NOK3298-05	12/06/05 20:16
Surrogate: 4-Bromofluorobenzene		54.8		ug/L	50.0	110%	78 - 126			5120573	NOK3298-05	12/06/05 20:16
Purgeable Petroleum Hydrocarbons												
5120573-MSD1												
Gasoline Range Organics	ND	2080		ug/L	3050	68%	60 - 140	10	40	5120573	NOK3298-05	12/06/05 20:16
Surrogate: 1,2-Dichloroethane-d4		43.3		ug/L	50.0	87%	0 - 200			5120573	NOK3298-05	12/06/05 20:16
Surrogate: Dibromofluoromethane		50.7		ug/L	50.0	101%	0 - 200			5120573	NOK3298-05	12/06/05 20:16
Surrogate: Toluene-d8		50.4		ug/L	50.0	101%	0 - 200			5120573	NOK3298-05	12/06/05 20:16
Surrogate: 4-Bromofluorobenzene		54.8		ug/L	50.0	110%	0 - 200			5120573	NOK3298-05	12/06/05 20:16

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

Client	Cambria Environmental Tech. Inc. / Shell (13675)	Work Order:	NOK3396
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	051123-PC2
Attn	Anni Kreml	Received:	11/30/05 08:00

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

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

SHELL Chain Of Custody Record

LAB: Test America STL Other_____

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

Shell Project Manager to be invoiced:
- ☑ ENVIRONMENTAL SERVICES — Denis Brown — 13601
- ☐ TECHNICAL SERVICES
- ☐ CRMT HOUSTON
- ☐ NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY): 98995349

SAP or CRMT NUMBER (TS/CRMT): [redacted]

DATE: 11/23/05

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Blaine Tech Services	BTSS	1800 Powell St., Emeryville	CA	T0600101231

ADDRESS:	EDF DELIVERABLE TO (Responsible Party or Designee):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
1680 Rogers Avenue, San Jose, CA 95112	Anni Kreml	(510) 420-3335	ShellOaklandEDF@cambria-env.com	051123 PLZ

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

SAMPLER NAME(S) (Print): P. Cornish

LAB USE ONLY: NOK3396

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

REQUESTED ANALYSIS — 12/07/05 17:00

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:_____

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

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

RECEIPT VERIFICATION REQUESTED ☑

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	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°
	S-5	11/23/05	1308	W	3	X		X	X																NOK3396-01
	S-8		1352		3	X		X	X																-02
	S-10		1600		5	X	X	X	X																-03
	S-12		1334		5	X	X	X	X																-04
	S-13		1452		5	X	X	X	X																-05
	S-14		1426		5	X	X	X	X																-06

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

WP 11/23

TEMPERATURE ON RECEIPT C° 2.6°C

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature] Sample Custodian	11/23/05	1745
[signature] (Sample Custodian)	[signature]	11/24/05	8:58
[signature]	Jennifer Lee	11/29/05	9:35
		11/29/05	1515

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

QA/QC Graphic (714) 898-9702

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

Client	Cambria Environmental Tech. Inc. / Shell (13675)	Work Order:	NOK3396
	5900 Hollis Street, Suite A	Project Name:	1800 Powell Street, Emeryville, CA
	Emeryville, CA 94608	Project Number:	051123-PC2
Attn	Anni Kreml	Received:	11/30/05 08:00

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte
SW846 8260B	Water	Gasoline Range Organics

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM

BC#

NOK3396

Client Name : Blaine Tech Services

Cooler Received/Opened On: 11/30/05 Accessioned By: James D. Jacobs

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 2.6 **Degrees Celsius**
2. Were custody seals on outside of cooler?..... YES...NO....NA
   a. If yes, how many and where: 1 Front
3. Were custody seals on containers?..... NO...YES...NA
4. Were the seals intact, signed, and dated correctly?..... YES....NO...NA
5. Were custody papers inside cooler?..... YES....NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... YES....NO...NA
7. Did you sign the custody papers in the appropriate place?..... YES...NO...NA
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert Ziplock baggies Paper Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
12. Did all container labels and tags agree with custody papers?..... YES...NO...NA
13. Were correct containers used for the analysis requested?..... YES...NO...NA
14. a. Were VOA vials received?..... YES...NO...NA
    b. Was there any observable head space present in any VOA vial?..... NO...YES...NA
15. Was sufficient amount of sample sent in each container?..... YES...NO...NA
16. Were correct preservatives used?..... YES...NO...NA
    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?..... NO...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

    5034

    Fed-Ex UPS Velocity DHL Route Off-street Misc.
19. If a Non-Conformance exists, see attached or comments below:

BIS = Broken in shipment

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Blaine Tech (Shell)
REC. BY (PRINT): E. Fallin
WORKORDER:

DATE REC'D AT LAB: 11/29/05
TIME REC'D AT LAB:
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 / (Absent) Intact / Broken*			S - 10	1L amber (2)	—	—	L	11/23/05	
2. Chain-of-Custody (Present) / Absent*			S - 12	↓	↓	↓	↓	↓	
3. Traffic Reports or Packing List: Present / (Absent)			S - 13						
4. Airbill: Airbill / Sticker Present / (Absent)			S - 14						
5. Airbill #: —									
6. Sample Labels: (Present) / Absent									
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody									
8. Sample Condition: (Intact) / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*									
10. Sample received within hold time? (Yes) / No*									
11. Adequate sample volume received? (Yes) / No*									
12. Proper preservatives used? (Yes) / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / (No)*									
14. Read Temp: 2.1°C Corrected Temp: 2.1°C Is corrected temp 4 +/-2°C? (Yes) / No** (Acceptance range for samples requiring thermal pres.)									
**Exception (if any): METALS / DFF (ON ICE) or Problem COC									

EBF 11/29/05

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

WELL GAUGING DATA

Project # 051123-PC2 Date 11/23/05 Client Shell

Site 1800 Powell St., Emeryville

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	
S-5	6					9.62	12.19	TOC	
S-8	3					10.46	17.76		
S-9	3	'Roof Tar' still Present							G.O.
S-10	6					10.23	19.33		
S-12	3					7.22	23.89		
S-13	3					10.02	18.78		
S-14	3					9.92	22.93		

SHELL WELL MONITORING DATA SHEET

BTS #: 05123-PC2	Site: 9899 5749
Sampler: PC	Date: 11/23/05
Well I.D.: S-5	Well Diameter: 2 3 4 6 (8")
Total Well Depth (TD): 12.19	Depth to Water (DTW): 9.62
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]: 10.13	

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:

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

6.6 (Gals.) X 3 = 19.8 Gals.
1 Case Volume; Specified Volumes; Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1258	68.7	6.8	2316	234	6.5	
1300	68.9	6.8	2435	125	13	
	well dewatered					
1308	67.1	7.0	2457	321		

Did well dewater? (Yes) No Gallons actually evacuated: 14

Sampling Date: 11/23/05 Sampling Time: ~~1308~~ 1302 Depth to Water: 10.09

Sample I.D.: S-5 Laboratory: STL Other TH

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: oxys (5)

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 #: 051123-PC2	Site: 98995349
Sampler: PC	Date: 11/23/05
Well I.D.: S-B	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 17.76	Depth to Water (DTW): 10.46
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]: 11.92	

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: ___

2.7 (Gals.) X	3	=	8.1 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1342	70.4	6.8	5772	213	2.5	H_2S odor
1343	71.8	6.9	5480	83	5	↓
1344	72.4	6.9	5283	101	8.1	↓

Did well dewater? Yes (No) Gallons actually evacuated: 8.1

Sampling Date: 11/23/05 Sampling Time: 1352 Depth to Water: 11.85

Sample I.D.: S-B Laboratory: STL Other (TA)

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys (5)

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 #: 051123-PC2	Site: 98995349
Sampler: PC	Date: 11/23/05
Well I.D.: S-10	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth (TD): 19.33	Depth to Water (DTW): 10.23
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (TOC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.05	

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: ___

1 Case Volume	Specified Volumes	Calculated Volume
13.4 (Gals.) X	3	= 40.2 Gals.

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1405	68.8	6.6	2338	30	13.5	
	well dewatered					
1608	67.2	6.9	10852	>1000		black, muddy

Did well dewater? (Yes) No Gallons actually evacuated: 14

Sampling Date: 11/23/05 Sampling Time: 1608 Depth to Water: 16.59 24hr.

Sample I.D.: S-10 Laboratory: STL Other (TA)

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: Oxy's (5)

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 #: 051123-RZ	Site: 9899 5349
Sampler: PC	Date: 11/23/05
Well I.D.: S-12	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 23.89	Depth to Water (DTW): 7.22
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]: 17.73	

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: ____

1 Case Volume		Specified Volumes		Calculated Volume
6.2	(Gals.) X	3	=	18.6 Gals.

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1322	68.3	6.6	1699	61	6	
1324	68.8	6.6	1876	27	12	
1326	68.5	6.7	1680	16	18.5	

Did well dewater? Yes (No) Gallons actually evacuated: 18.6

Sampling Date: 11/23/05 Sampling Time: 1334 Depth to Water: 14.10

Sample I.D.: S-12 Laboratory: STL Other (TA)

Analyzed for: (TPH-G) BTEX MTBE (TPH-D) Other: Oxy's (5)

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 #: 051123-PC2	Site: 98995349
Sampler: PC	Date: 11/23/05
Well I.D.: S-13	Well Diameter: 2 (3) 4 6 8
Total Well Depth (TD): 16.78	Depth to Water (DTW): 10.02
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]: 11.77	

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:

3.2 (Gals.) X	3	=	9.6 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1440	70.4	6.8	7470	509	3.2	Bubbly
1441	70.6	6.9	10.36ms	386	6.4	
1442	70.8	7.0	11.01	242	9.6	

Did well dewater? Yes (No) Gallons actually evacuated: 9.6

Sampling Date: 11/23/05 Sampling Time: 1452 Depth to Water: 11.70

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

Analyzed for: (TPH-G) BTEX MTBE (TPH-D) Other: Oxy's (5)

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 #: 051123-PE2	Site: 96995349
Sampler: PC	Date: 11/23/05
Well I.D.: S-14	Well Diameter: 2 (3) 4 6 8
Total Well Depth (TD): 22.93	Depth to Water (DTW): 9.92
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]: 12.52	

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:

1 Case Volume		Specified Volumes		Calculated Volume
4.8	(Gals.) X	3	=	14.4 Gals.

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1418	68.6	6.6	3826	~~1488~~ 72	5	Bubbly
1419	68.8	6.7	4500	99	10	↓
1421	68.9	6.7	5122	137	15	↓

Did well dewater? Yes (No) Gallons actually evacuated: 15

Sampling Date: 11/23/05 Sampling Time: 1420 Depth to Water: 10.42

Sample I.D.: S-14 Laboratory: STL Other TA

Analyzed for: (TPH-G) BTEX MTBE (TPH-D) Other: Oxys(5)

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