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

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

Re: Out-of-Service Shell Station
350 Grand Avenue
Oakland, California
SAP Code 135698
Incident No. 98995755
ACHCSA Case No. RO0000428

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

CAMBRIA

November 8, 2006

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

Re: **Groundwater Monitoring Report – Third Quarter 2006**
Out-of-Service Shell Station
350 Grand Avenue
Oakland, California
SAP Code 135698
Incident No. 98995755
Agency Case No. RO0000428

Dear Mr. Wickham:

Cambria Environmental Technology, Inc. (Cambria) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) in accordance with the quarterly reporting requirements of 23 CCR 2652d.

If you have any questions regarding the contents of this document, please call Dennis Baertschi at (707) 268-3813.

Sincerely,
Cambria Environmental Technology, Inc.

PROFESSIONAL GEOLOGIST
ANA FRIEL
No. 6452
Exp 9/07
STATE OF CALIFORNIA

Dennis Baertschi
Project Manager

Ana Friel, PG
Associate Geologist

Enclosure: Groundwater Monitoring Report – Third Quarter 2006

cc: Mr. Denis Brown, Shell
Mr. Gursharnjeet Cheema, 1060 St. Raphael Drive, Bay Pint, CA 94565

Cambria Environmental Technology, Inc.

270 Perkins Street
Sonoma, CA 95476
Tel (707) 935-4850
Fax (707) 935-6649

CAMBRIA

GROUNDWATER MONITORING REPORT – THIRD QUARTER 2006

Site Address	350 Grand Avenue, Oakland
Site Use	Out-of-Service Shell Station
Shell Project Manager	Denis Brown
Consultant and Contact Person	Cambria, Dennis Baertschi
Lead Agency and Contact	ACHCSA, Jerry Wickham
Agency Case No.	RO0000428
Shell SAP Code	135698
Shell Incident No.	98995755
Date of Most Recent Agency Correspondence	September 28, 2006

Current Quarter's Activities

1. Blaine Tech Services, Inc. (Blaine) gauged and sampled wells according to the established monitoring program for this site.
2. Cambria prepared a vicinity map (Figure 1) and a groundwater elevation contour and chemical concentration map (Figure 2). The Blaine report, presenting the analytical data, is included in Attachment A.

Current Quarter's Findings

Groundwater Flow Direction	Southerly
Hydraulic Gradient	0.02
Depth to Water	7.45 to 9.02 feet below top of well casing

Proposed Activities for Next Quarter

1. Blaine will gauge and sample wells during the third month of the quarter, according to the established monitoring program for this site.

CAMBRIA

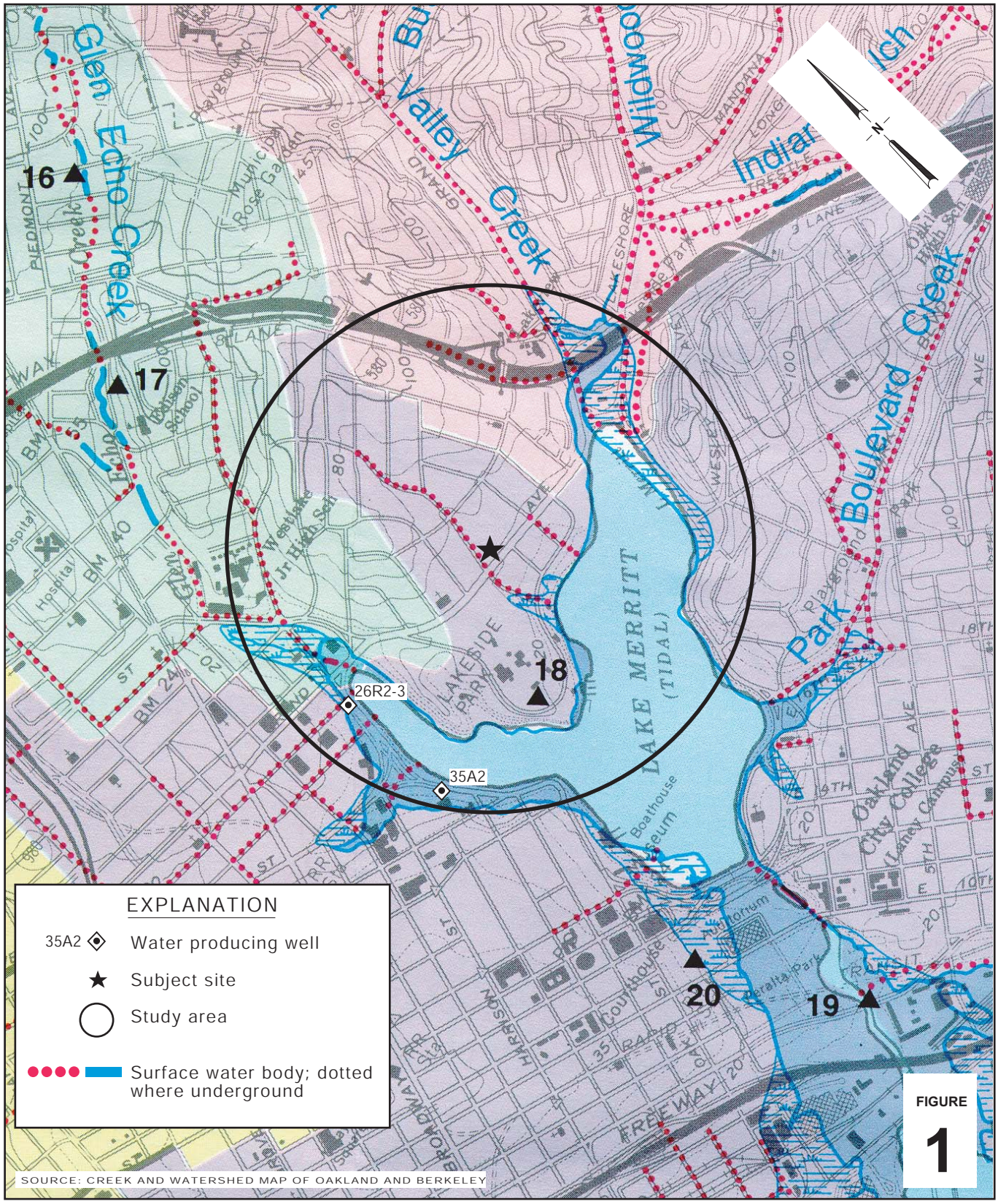
Discussion

Cambria would like to reiterate our recommendation in the April 17, 2006 *Risk Evaluation and Request for Closure* document that quarterly groundwater monitoring at this site be suspended during the regulatory review of the case closure request.

Figures: 1 - Vicinity Map
2 - Groundwater Contour and Chemical Concentration Map

Attachment: A - Blaine Tech Services, Inc. - Groundwater Monitoring Report

K:\Oakland 350 Grand Ave\QMRs\2006\3q06\350 Grand 3Q06 text.doc



Out-of-Service Shell Station

350 Grand Avenue
Oakland, California

CAMBRIA

Vicinity Map

31-Oct-06

Groundwater Contour and Chemical Concentration Map

September 5, 2006

EXPLANATION

- Groundwater monitoring well
- Soil boring location
- Tank backfill well location
- E — Electric utility line
- W — Water main utility line
- G — Gas utility line
- SS — Sanitary sewer utility line
- SD — Storm drain utility line
- PB — Pacific Bell utility line
- Manhole
- Groundwater elevation contour in feet above mean sea level (ft msl).
- **16.83** — Groundwater elevation in ft msl
- **(78.5)** — Benzene concentration in micrograms per liter (µg/L)
- ***(249)*** — MTBE concentration in µg/L
- **NM** — Not measured
- **ND** — Below laboratory detection limits

NOTE: Utilities lines are dashed where inferred.

Approximate hydraulic gradient = 0.02

Apartments
Commercial Building
Planter
S-3
17.62
(ND)
(1.19)
Trash Enclosure
Canopy
Kiosk
17.00
Dispensers
Commercial Building
Commercial Building
Commercial Building
T-1
NM
USTs
Former Diesel UST
16.00
S-1
15.81
(ND)
(ND)
S-2
15.80
(71.4)
(139)
T-2
NM
SD 30"ϕ
SD 18"ϕ
SS 8"ϕ
W 6"ϕ
SS 8"ϕ
E
PB
G
15.00
SS 10"ϕ
S-5
16.65
(ND)
(ND)
14.00
W 36"ϕ
S-4
13.32
(ND)
(0.740)
Planter
Planter
Planter
Lakeside Park
PERKINS STREET
Apartments
Ta-Ke Sushi
Apartments
SD
SD 33"ϕ
W 18"ϕ

GRAND AVENUE

N
W
E
S
One Irrigation Well and One Domestic Well ~ 1,980'
Lake Merritt ~ 1,350'
One Irrigation Well ~ 2,560'

Scale (ft)
0 25 50 100

FIGURE
2

CAMBRIA

Out-of-Service Shell Station
350 Grand Avenue
Oakland, California

0715

Attachment A

Blaine Tech Services, Inc.
Groundwater Monitoring Report

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

October 4, 2006

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

Third Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
350 Grand Avenue
Oakland, CA

Monitoring performed on September 5, 2006

Groundwater Monitoring Report **060905-SL-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 Martinez Refining Company.

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

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

cc: Dennis Baertschi
Cambria Environmental Technology, Inc.
P.O. Box 259
Sonoma, CA 95476-0259

WELL CONCENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, 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)	DO Reading (ppm)
S-1	01/23/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	9.73	11.11	NA
S-1	04/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	7.37	13.47	NA
S-1	07/19/1991	<50	<50	6.8	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	8.92	11.92	NA
S-1	10/09/1991	120	260 d	10	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	9.62	11.22	NA
S-1	01/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	8.94	11.90	NA
S-1	04/27/1992	<50	70b	1.2	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	7.06	13.78	NA
S-1	07/10/1992	<50	930	13	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	8.31	12.53	NA
S-1	10/06/1992	62	110	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	9.55	11.29	NA
S-1	01/06/1993	85	81	1.1	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	9.86	10.98	NA
S-1	04/26/1993	<50	53 c	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	6.30	14.54	NA
S-1 (D)	04/26/1993	<50	53 c	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	6.30	14.54	NA
S-1	07/20/1993	<50	140	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	8.78	12.06	NA
S-1	10/18/1993	<50	210	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	9.20	11.64	NA
S-1	01/07/1994	<50	<50	1.4	1.5	0.55	2.8	NA	NA	NA	NA	NA	NA	20.84	9.53	11.31	NA
S-1 (D)	01/07/1994	<50	53	1.2	1.5	<0.5	2.7	NA	NA	NA	NA	NA	NA	20.84	9.53	11.31	NA
S-1	04/11/1994	<50	320	2.8	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	8.50	12.34	NA
S-1 (D)	04/11/1994	<50	220	2.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	8.50	12.34	NA
S-1	07/14/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.84	8.45	12.39	NA
S-1	07/19/1994	<50	110	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	9.07	11.77	NA
S-1	10/06/1994	110	370	1.4	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	11.68	9.16	NA
S-1	01/04/1995	120	1,000	2.5	<0.5	1.5	1.7	NA	NA	NA	NA	NA	NA	20.84	8.51	12.33	NA
S-1	04/12/1995	<50	290	2.1	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	6.66	14.18	NA
S-1 (D)	04/12/1995	<50	480	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	6.66	14.18	NA
S-1	07/07/1995	<50	370	5.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	6.95	13.89	NA
S-1 (D)	07/07/1995	<50	450	6.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	6.95	13.89	NA
S-1	10/05/1995	<50	200	3.9	1.2	<0.5	2.4	NA	NA	NA	NA	NA	NA	20.84	8.50	12.34	NA

WELL CONCENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, 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)	DO Reading (ppm)
S-1	01/12/1996	230	1,500	2.5	<0.5	0.9	0.6	NA	NA	NA	NA	NA	NA	20.84	8.02	12.82	NA
S-1	04/02/1996	95	2,000	0.91	<0.5	<0.5	<0.5	140	NA	NA	NA	NA	NA	20.84	4.98	15.86	NA
S-1	07/30/1996	<50	510	<0.5	<0.5	<0.5	<0.5	67	NA	NA	NA	NA	NA	20.84	6.40	14.44	NA
S-1 (D)	07/30/1996	<50	380	<0.5	<0.5	<0.5	<0.5	68	NA	NA	NA	NA	NA	20.84	6.40	14.44	NA
S-1	10/02/1996	<50	250	<0.5	<0.5	<0.5	<0.5	96	NA	NA	NA	NA	NA	20.84	7.53	13.31	NA
S-1	09/19/1997	<50	120	<0.50	<0.50	<0.50	<0.50	37	NA	NA	NA	NA	NA	20.84	8.54	12.30	0.8
S-1	01/08/1998	<50	210	<0.50	<0.50	<0.50	<0.50	74	NA	NA	NA	NA	NA	20.84	9.09	11.75	2.6
S-1	07/17/1998	<50	99	<0.50	<0.50	<0.50	<0.50	25	NA	NA	NA	NA	NA	20.86	6.48	14.38	2.6
S-1	01/28/1999	92.7	212	4.5	1.83	1.59	12.1	2.17	NA	NA	NA	NA	NA	20.86	10.46	10.40	2.2
S-1	07/23/1999	537	<50	81.1	91.3	24.8	81.6	47.9	NA	NA	NA	NA	NA	20.86	10.02	10.84	2.1
S-1	01/24/2000	<50.0	79.6	<0.500	<0.500	<0.500	<0.500	8.41	NA	NA	NA	NA	NA	20.86	8.42	12.44	2.2
S-1	07/27/2000	<50.0	127	<0.500	<0.500	<0.500	<0.500	31.9	NA	NA	NA	NA	NA	20.86	7.34	13.52	1.6
S-1	01/12/2001	<50.0	225	<0.500	<0.500	<0.500	<0.500	35.9	NA	NA	NA	NA	NA	20.86	8.15	12.71	1.8
S-1	02/16/2001	<50	140	<0.50	<0.50	<0.50	1.0	NA	24	NA	NA	NA	NA	20.86	7.42	13.44	6.1
S-1	07/09/2001	<50	57	<0.50	<0.50	<0.50	<0.50	NA	19	NA	NA	NA	NA	20.86	7.95	12.91	5.4
S-1	08/07/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.86	7.67	13.19	NA
S-1	10/02/2001	NA	NA	NA	NA	NA	NA	NA	2.5	NA	NA	NA	NA	20.86	7.74	13.12	4.6
S-1	01/18/2002	<50	68	<0.50	<0.50	<0.50	<0.50	NA	31	NA	NA	NA	NA	20.86	6.37	14.49	6.7
S-1	04/17/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.86	6.58	14.28	NA
S-1	07/16/2002	<50	100	<0.50	<0.50	<0.50	0.99	NA	35	NA	NA	NA	NA	23.66	7.38	16.28	7.0
S-1	10/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	7.89	15.37	NA
S-1	01/16/2003	<50	54	<0.50	<0.50	<0.50	<0.50	NA	17	NA	NA	NA	NA	23.26	6.52	16.74	0.7
S-1	05/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	6.44	16.82	NA
S-1	07/17/2003	<50	93 j	<0.50	<0.50	<0.50	<1.0	NA	19	NA	NA	NA	NA	23.26	6.96	16.30	0.9
S-1	11/04/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	8.09	15.17	NA
S-1	01/13/2004	<50	150 j	<0.50	<0.50	<0.50	<1.0	NA	14	NA	NA	NA	NA	23.26	6.40	16.86	NA

WELL CONCENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, 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)	DO Reading (ppm)
S-1	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	6.41	16.85	3.1
S-1	04/05/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	5.92	17.34	NA
S-1	07/02/2004	<50	66 j	<0.50	<0.50	<0.50	<1.0	NA	2.1	<2.0	<2.0	<2.0	<5.0	23.26	6.66	16.60	1.6
S-1	10/26/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	7.36	15.90	NA
S-1	01/13/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	4.6	NA	NA	NA	NA	23.26	5.73	17.53	1.8
S-1	04/15/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	5.64	17.62	NA
S-1	08/01/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	23.26	6.65	16.61	NA
S-1	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	7.53	15.73	NA
S-1	03/09/2006	<50.0	78.7	<0.500	<0.500	<0.500	<0.500	NA	3.78	NA	NA	NA	NA	23.26	5.65	17.61	1.2
S-1	06/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	6.34	16.92	NA
S-1	**09/05/2006**	**57.4**	**<46.9 i**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<10.0**	**23.26**	**7.45**	**15.81**	**2.54**
S-2	01/23/1991	2,500	1,200	550	15	33	42	NA	NA	NA	NA	NA	NA	21.24	10.55	10.69	NA
S-2	04/25/1991	32,000	20,000 b	2,900	480	1,400	2,300	NA	NA	NA	NA	NA	NA	21.24	8.24	13.00	NA
S-2	07/19/1991	21,000	30,000 b	4,700	430	1,200	2,400	NA	NA	NA	NA	NA	NA	21.24	9.55	11.69	NA
S-2	10/09/1991	29,000	32,000 b	6,300	510	1,700	2,400	NA	NA	NA	NA	NA	NA	21.24	10.26	10.98	NA
S-2	01/23/1992	31,000	36,000 b	5,800	480	2,000	2,700	NA	NA	NA	NA	NA	NA	21.24	9.51	11.73	NA
S-2	04/27/1992	21,000 d	12,000 b	4,800	320	1,600	1,400	NA	NA	NA	NA	NA	NA	21.24	7.83	13.41	NA
S-2	07/10/1992	31,000	3,700 e	7,500	940	3,400	3,500	NA	NA	NA	NA	NA	NA	21.24	8.57	12.67	NA
S-2	10/06/1992	57,000	4,500 e	9,300	1,200	4,000	4,900	NA	NA	NA	NA	NA	NA	21.24	9.49	11.75	NA
S-2	01/06/1993	55,000	5,600	5,600	360	3,000	3,000	NA	NA	NA	NA	NA	NA	21.24	8.56	12.68	NA
S-2	04/26/1993	32,000	9,400 e	10,000	500	4,400	3,600	NA	NA	NA	NA	NA	NA	21.24	6.84	14.40	NA
S-2	07/20/1993	25,000	8,400 e	5,800	300	2,700	1,400	NA	NA	NA	NA	NA	NA	21.24	8.52	12.72	NA
S-2 (D)	07/20/1993	25,000	8,900 e	5,900	310	2,800	1,400	NA	NA	NA	NA	NA	NA	21.24	8.52	12.72	NA
S-2	10/18/1993	23,000	18,000 e	3,700	200	2,100	1,600	NA	NA	NA	NA	NA	NA	21.24	9.36	11.88	NA
S-2 (D)	10/18/1993	28,000	14,000 e	3,700	210	2,100	1,600	NA	NA	NA	NA	NA	NA	21.24	9.36	11.88	NA

WELL CONCENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, 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)	DO Reading (ppm)
S-2	01/07/1994	120,000	22,000 e	6,900	400	3,100	2,600	NA	NA	NA	NA	NA	NA	21.24	8.37	12.87	NA
S-2	04/11/1994	34,000	17,000 e	4,800	170	1,900	880	NA	NA	NA	NA	NA	NA	21.24	6.96	14.28	NA
S-2	07/14/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.24	7.49	13.75	NA
S-2	07/19/1994	23,000	NA	4,300	210	1,100	1,000	NA	NA	NA	NA	NA	NA	21.24	8.02	13.22	NA
S-2 (D)	07/19/1994	29,000	NA	4,700	270	1,200	1,200	NA	NA	NA	NA	NA	NA	21.24	8.02	13.22	NA
S-2	10/06/1994	61,000	NA	4,600	290	1,900	1,900	NA	NA	NA	NA	NA	NA	21.24	11.00	10.24	NA
S-2 (D)	10/06/1994	52,000	NA	5,200	270	2,100	1,900	NA	NA	NA	NA	NA	NA	21.24	11.00	10.24	NA
S-2	01/04/1994	23,000	NA	4,500	49	1,300	500	NA	NA	NA	NA	NA	NA	21.24	8.07	13.17	NA
S-2 (D)	01/04/1995	18,000	NA	3,800	33	1,100	390	NA	NA	NA	NA	NA	NA	21.24	8.07	13.17	NA
S-2	04/12/1995	29,000	NA	4,300	210	990	700	NA	NA	NA	NA	NA	NA	21.24	6.12	15.12	NA
S-2	07/07/1995	26,000	NA	4,200	180	1,100	730	NA	NA	NA	NA	NA	NA	21.24	6.35	14.89	NA
S-2	10/05/1995	26,000	10,000	3,500	150	1,100	640	NA	NA	NA	NA	NA	NA	21.24	7.36	13.88	NA
S-2 (D)	10/05/1995	33,000	9,400	4,200	210	1,500	850	NA	NA	NA	NA	NA	NA	21.24	7.36	13.88	NA
S-2	01/12/1996	36,000	13,000	4,100	240	1,400	790	NA	NA	NA	NA	NA	NA	21.24	7.64	13.60	NA
S-2 (D)	01/12/1996	40,000	11,000	4,100	260	1,400	860	NA	NA	NA	NA	NA	NA	21.24	7.64	13.60	NA
S-2	04/02/1996	12,000	7,300	1,300	120	460	150	4,000	NA	NA	NA	NA	NA	21.24	6.18	15.06	NA
S-2 (D)	04/02/1996	17,000	5,800	1,800	29	590	140	7,600	NA	NA	NA	NA	NA	21.24	6.18	15.06	NA
S-2	07/30/1996	18,000	13,000	3,000	100	1,200	420	17,000	19,000	NA	NA	NA	NA	21.24	7.22	14.02	NA
S-2	10/02/1996	28,000	18,000	3,700	110	1,100	260	20,000	NA	NA	NA	NA	NA	21.24	7.60	13.64	NA
S-2 (D)	10/02/1996	25,000	31,000	3,500	100	1,100	260	19,000	NA	NA	NA	NA	NA	21.24	7.60	13.64	NA
S-2	09/19/1997	21,000	11,000	2,300	120	500	110	11,000	NA	NA	NA	NA	NA	21.24	7.45	13.79	2.1
S-2	01/08/1998	35,000	8,100	3,200	260	850	320	23,000	NA	NA	NA	NA	NA	21.24	6.96	14.28	2.3
S-2 (D)	01/08/1998	27,000	5,400	3,400	190	860	200	23,000	NA	NA	NA	NA	NA	21.24	6.96	14.28	2.3
S-2	07/17/1998	19,000	12,000	1,700	130	610	130	13,000	NA	NA	NA	NA	NA	21.24	6.67	14.57	2.3
S-2	01/28/1999	482	99	24	7.52	5.41	63.7	11	NA	NA	NA	NA	NA	21.24	10.63	10.61	2.4
S-2	07/23/1999	320	223	52.0	54.5	14.7	48.6	33.9	NA	NA	NA	NA	NA	21.24	10.12	11.12	2.6

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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)	DO Reading (ppm)
S-2	01/24/2000	18,500	7,600	1,440	140	472	68.9	6,940	NA	NA	NA	NA	NA	21.24	8.63	12.61	1.6
S-2	07/27/2000	14,900	10,200	1,250	98.8	437	<50.0	22,200	30,200	NA	NA	NA	NA	21.24	7.94	13.30	2.0
S-2	01/12/2001 h	17,200	8,050	930	88.8	497	57.0	23,200	18,500	NA	NA	NA	NA	21.24	8.82	12.42	1.9
S-2	02/16/2001	20,000	<5,000	990	93	450	63	NA	21,000	NA	NA	NA	NA	21.24	7.10	14.14	1.6
S-2	07/09/2001	16,000	26,000	690	62	210	<50	NA	27,000	NA	NA	NA	NA	21.24	8.35	12.89	2.1
S-2	08/07/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.24	8.19	13.05	NA
S-2	10/02/2001	18,000	<12,000	810	89	470	69	NA	23,000	NA	NA	NA	NA	21.24	8.50	12.74	2.0
S-2	01/18/2002	21,000	21,000	750	79	470	69	NA	23,000	NA	NA	NA	NA	21.24	6.96	14.28	5.9
S-2	04/17/2002	34,000	<26,000	620	70	390	60	NA	17,000	NA	NA	NA	NA	21.24	7.39	13.85	0.6
S-2	07/16/2002	14,000	<10,000	630	75	310	33	NA	20,000	NA	NA	NA	NA	24.03	7.95	16.08	6.0
S-2	10/10/2002	11,000	<6,000	480	50	190	<50	NA	15,000	NA	NA	NA	NA	23.73	8.36	15.37	1.0
S-2	01/16/2003	16,000	<8,000	720	88	290	89	NA	17,000	NA	NA	NA	NA	23.73	6.98	16.75	0.7
S-2	05/02/2003	12,000 j	4,800 j	560	<50	<50	<100	NA	14,000	NA	NA	NA	NA	23.73	7.02	16.71	1.1
S-2	07/17/2003	26,000	4,800 j	850	85	240	<100	NA	13,000	NA	NA	NA	NA	23.73	8.06	15.67	2.1
S-2	11/04/2003	10,000	3,600 j	560	62	250	<100	NA	10,000	NA	NA	NA	NA	23.73	8.69	15.04	0.8
S-2	01/13/2004	17,000	5,400 j	740	<100	350	<200	NA	11,000	NA	NA	NA	NA	23.73	6.30	17.43	NA
S-2	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.73	6.64	17.09	0.3
S-2	04/05/2004	16,000	7,000 j	650	53	<50	<100	NA	10,000	NA	NA	NA	NA	23.73	6.61	17.12	0.2
S-2	07/02/2004	11,000	7,900 j	470	<50	240	<100	NA	6,800	<200	<200	<200	6,000	23.73	7.45	16.28	2.7
S-2	10/26/2004	12,000	6,900 k	370	<50	240	<100	NA	7,400	NA	NA	NA	4,900	23.73	7.80	15.93	0.5
S-2	01/13/2005	13,000	3,100 k	430	40	370	<25	NA	4,000	NA	NA	NA	2,700	23.73	5.90	17.83	0.3
S-2	04/15/2005	17,000	4,300 k	390	<25	580	<50	NA	2,100	NA	NA	NA	2,500	23.73	5.93	17.80	1.81
S-2	08/01/2005	12,000	3,200 k	160	38	380	<40	NA	1,600	<80	<80	<80	1,300	23.73	7.37	16.36	NA
S-2	10/05/2005	11,000	3,200 k	230	38	320	21	NA	1,200	NA	NA	NA	1,400	23.73	8.16	15.57	1.75
S-2	03/09/2006	27,500	6,190	140	26.3	267	20.4	NA	411	NA	NA	NA	248	23.73	5.70	18.03	0.2
S-2	06/26/2006	19,700	4,940	78.5	25.7	259	16.5	NA	249	NA	NA	NA	177	23.73	6.90	16.83	2.3
S-2	**09/05/2006**	**23,800**	**8,760 i**	**71.4**	**27.9**	**216**	**17.6**	**NA**	**139**	**<0.500**	**<0.500**	**<0.500**	**51.8**	**23.73**	**7.93**	**15.80**	**0.56**

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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-3	01/23/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	14.67	8.03	NA
S-3	04/25/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	12.96	9.74	NA
S-3	07/19/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	12.45	10.25	NA
S-3	10/09/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	12.98	9.72	NA
S-3	01/23/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	13.06	9.64	NA
S-3	04/27/1992	<50	100	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	7.25	15.45	NA
S-3	07/10/1992	<50	68	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	8.46	14.24	NA
S-3	10/06/1992	<50	<10	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	11.77	10.93	NA
S-3	01/06/1993	<50	<10	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	12.53	10.17	NA
S-3	04/26/1993	<50	69	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	4.28	18.42	NA
S-3	07/20/1993	<50	120	<0.5	0.6	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	5.70	17.00	NA
S-3	10/18/1993	<50	160	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	10.30	12.40	NA
S-3	01/07/1994 a	160	58	59	26	4.9	22	NA	NA	NA	NA	NA	NA	22.70	12.40	10.30	NA
S-3	04/11/1994	<50	<50	<0.52	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	10.94	11.76	NA
S-3	07/14/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.70	7.90	14.80	NA
S-3	07/19/1994	<50	110 d	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	8.12	14.58	NA
S-3	10/06/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	12.15	10.55	NA
S-3	01/04/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	11.18	11.52	NA
S-3	04/12/1995	<50	110	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	3.76	18.94	NA
S-3	07/07/1995	<50	410	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	4.72	17.98	NA
S-3	10/05/1995	<50	160	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	5.80	16.90	NA
S-3	01/12/1996	100	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	7.00	15.70	NA
S-3	04/02/1996	<50	170	<0.5	<0.5	<0.5	<0.5	3.4	NA	NA	NA	NA	NA	22.70	3.42	19.28	NA
S-3	07/30/1996	<50	92	<0.5	<0.5	<0.5	<0.5	4.3	NA	NA	NA	NA	NA	22.70	5.89	16.81	NA
S-3	10/02/1996	<50	160	<0.5	<0.5	<0.5	<0.5	4.1	NA	NA	NA	NA	NA	22.70	7.20	15.50	NA

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S-3	09/19/1997	<50	260	<0.50	<0.50	<0.50	<0.50	4.3	NA	NA	NA	NA	NA	22.70	6.92	15.78	1.4
S-3 (D)	09/19/1997	<50	290	<0.50	<0.50	<0.50	<0.50	5.2	NA	NA	NA	NA	NA	22.70	6.92	15.78	1.4
S-3	01/08/1998	<50	170	<0.50	<0.50	<0.50	0.92	120	NA	NA	NA	NA	NA	22.70	5.77	16.93	2.7
S-3	07/17/1998	<50	97	<0.50	<0.50	<0.50	<0.50	33	NA	NA	NA	NA	NA	22.71	4.17	18.54	2.7
S-3	01/28/1999	656	<50.0	45.4	10.2	4.98	83.2	87.2	NA	NA	NA	NA	NA	22.71	8.15	14.56	1.8
S-3	07/23/1999	<50.0	77.3	<0.500	<0.500	<0.500	<0.500	39.3	NA	NA	NA	NA	NA	22.71	7.46	15.25	1.9
S-3	01/24/2000	<50.0	77.2	<0.500	<0.500	<0.500	<0.500	12.0	NA	NA	NA	NA	NA	22.71	5.92	16.79	2.1
S-3	07/27/2000	<50.0	142	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	22.71	6.54	16.17	1.7
S-3	01/12/2001 f	<50.0	96	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	22.71	8.25	14.46	1.7
S-3	02/16/2001	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	2.0	NA	NA	NA	NA	22.71	11.37	11.34	NA
S-3	07/09/2001	<50	<50	<0.50	0.54	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.71	9.70	13.01	1.4
S-3	08/07/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.71	11.48	11.23	NA
S-3	10/02/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.71	11.56	11.15	NA
S-3	01/18/2002	<50	120	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.71	7.74	14.97	1.5
S-3	04/17/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.71	6.45	16.26	NA
S-3	07/16/2002	<50	72	<0.50	<0.50	<0.50	0.61	NA	<5.0	NA	NA	NA	NA	25.49	7.70	17.79	5.0
S-3	10/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	10.15	14.99	NA
S-3	01/16/2003	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	25.14	8.60	16.54	2.9
S-3	05/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	7.07	18.07	NA
S-3	07/17/2003	<50	74 j	<0.50	<0.50	<0.50	<1.0	NA	1.3	NA	NA	NA	NA	25.14	7.25	17.89	2.5
S-3	11/04/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	9.51	15.63	NA
S-3	01/13/2004	<50	180 j	<0.50	<0.50	<0.50	<1.0	NA	0.81	NA	NA	NA	NA	25.14	8.91	16.23	NA
S-3	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	8.50	16.64	3.3
S-3	04/05/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	6.89	18.25	NA
S-3	07/02/2004	<50	140 j	<0.50	<0.50	<0.50	<1.0	NA	0.65	<2.0	<2.0	<2.0	<5.0	25.14	7.50	17.64	7.1
S-3	10/26/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	9.74	15.40	NA

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S-3	01/13/2005	<50	54 j	<0.50	<0.50	<0.50	<1.0	NA	3.0	NA	NA	NA	NA	25.14	8.26	16.88	4.0
S-3	04/15/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	4.94	20.20	NA
S-3	08/01/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	0.96	<2.0	<2.0	<2.0	<5.0	25.14	5.80	19.34	NA
S-3	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	8.87	16.27	NA
S-3	03/09/2006	<50.0	398	<0.500	<0.500	<0.500	<0.500	NA	2.44	NA	NA	NA	NA	25.14	6.55	18.59	3.2
S-3	06/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	5.91	19.23	NA
S-3	**09/05/2006**	**122**	**187 i**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**1.19**	**<0.500**	**<0.500**	**<0.500**	**<10.0**	**25.14**	**7.52**	**17.62**	**3.53**
S-4	07/17/1998	<50	220	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	19.96	6.59	13.37	2.5
S-4 (D)	07/17/1998	<50	260	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	19.96	6.59	13.37	2.5
S-4	01/28/1999	<50.0	356	0.882	<0.500	<0.500	0.71	<2.00	NA	NA	NA	NA	NA	19.96	10.57	9.39	3.0
S-4	07/23/1999	<50.0	<50	<0.500	<0.500	<0.500	<0.500	8.27	NA	NA	NA	NA	NA	19.96	10.06	9.90	2.1
S-4	01/24/2000	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	8.29	11.67	NA
S-4	02/02/2000	<50.0	410	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	19.96	9.93	10.03	2.0
S-4	07/27/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	NA	NA	NA
S-4	08/02/2000	<50.0	265	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	19.96	8.05	11.91	2.0
S-4	01/12/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	NA	NA	NA
S-4	01/25/2001	<50.0	235	<0.500	0.629	0.656	4.65	<2.50	NA	NA	NA	NA	NA	19.96	10.12	9.84	2.0
S-4	02/16/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	NA	NA	NA
S-4	07/09/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	NA	NA	NA
S-4	08/07/2001	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	19.96	8.77	11.19	2.3
S-4	10/02/2001	<50	350	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	19.96	9.09	10.87	2.6
S-4	01/18/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	NA	NA	NA
S-4	01/23/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	7.13	12.83	NA
S-4	04/17/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	6.28	13.68	NA
S-4	04/26/2002	<50	260	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	19.96	5.63	14.33	g

WELL CONCENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, 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)	DO Reading (ppm)
S-4	07/16/2002	<50	250	<0.50	<0.50	<0.50	1.1	NA	<5.0	NA	NA	NA	NA	22.75	6.90	15.85	1.6
S-4	10/10/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.34	9.20	13.14	NA
S-4	01/16/2003	<50	280	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.34	7.11	15.23	2.1
S-4	05/02/2003	53	130 j	0.67	<0.50	3.8	2.4	NA	<5.0	NA	NA	NA	NA	22.34	5.14	17.20	0.61
S-4	07/17/2003	<50	76 j	1.4	0.57	2.0	1.3	NA	<0.50	NA	NA	NA	NA	22.34	7.26	15.08	g
S-4	11/04/2003	<50	130 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	9.03	13.31	g
S-4	01/13/2004	<50	190 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	8.20	14.14	NA
S-4	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.34	6.91	15.43	1.8
S-4	04/05/2004	<50	79 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	5.70	16.64	6.0
S-4	07/02/2004	<50	140 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	22.34	8.11	14.23	7.3
S-4	10/26/2004	<50	870 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	9.14	13.20	0.2
S-4	01/13/2005	<50	59 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	4.38	17.96	7.6
S-4	04/15/2005	<50	56 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	4.85	17.49	2.02
S-4	08/01/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	22.34	7.34	15.00	NA
S-4	10/05/2005	<50	170 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	8.70	13.64	3.01
S-4	03/09/2006	<50.0	347	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	22.34	4.40	17.94	4.3
S-4	06/26/2006	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.34	6.72	15.62	NA
S-4	**09/05/2006**	**<50.0**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**0.740**	**<0.500**	**<0.500**	**<0.500**	**<10.0**	**22.34**	**9.02**	**13.32**	**g**
S-5	07/17/1998	<50	110	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.27	6.78	15.49	2.2
S-5	01/28/1999	<50.0	109	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	NA	22.27	10.75	11.52	2.0
S-5	07/23/1999	<50.0	204	<0.500	<0.500	<0.500	<0.500	5.95	NA	NA	NA	NA	NA	22.27	10.21	12.06	1.8
S-5	01/24/2000	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.27	8.23	14.04	NA
S-5	02/02/2000	<50.0	172	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	22.27	10.15	12.12	1.9
S-5	07/27/2000	<50.0	119	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	22.27	7.41	14.86	2.0
S-5	01/12/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	22.27	8.80	13.47	NA

WELL CONCENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, 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)	DO Reading (ppm)
S-5	01/25/2001	NA	193	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.27	9.77	12.50	1.7
S-5	02/16/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.27	NA	NA	NA
S-5	07/09/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.27	NA	NA	NA
S-5	08/07/2001	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	22.27	8.97	13.30	2.2
S-5	10/02/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.27	8.44	13.83	NA
S-5	01/18/2002	<50	190	<0.50	<0.50	<0.50	0.51	NA	<5.0	NA	NA	NA	NA	22.27	6.67	15.60	1.9
S-5	04/17/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.27	6.95	15.32	NA
S-5	07/16/2002	<50	1,200	<0.50	<0.50	<0.50	1.2	NA	<5.0	NA	NA	NA	NA	25.06	7.31	17.75	1.8
S-5	10/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	8.07	16.71	NA
S-5	01/16/2003	<50	110	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	24.78	6.42	18.36	2.3
S-5	05/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	6.20	18.58	NA
S-5	07/17/2003	<50	67 j	2.1	0.87	2.8	1.9	NA	<0.50	NA	NA	NA	NA	24.78	7.82	16.96	g
S-5	11/04/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	8.53	16.25	NA
S-5	01/13/2004	<50	350 j	<0.50	0.51	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	24.78	7.47	17.31	NA
S-5	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	6.28	18.50	1.1
S-5	04/05/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	5.79	18.99	NA
S-5	07/02/2004	<50	140 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	24.78	7.98	16.80	7.1
S-5	10/26/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	8.44	16.34	NA
S-5	01/13/2005	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	7.96	16.82	NA
S-5	04/15/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	4.78	20.00	NA
S-5	08/01/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	24.78	7.70	17.08	NA
S-5	10/05/2005	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	NA	NA	NA
S-5	03/09/2006	<50.0	536	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	24.78	4.30	20.48	1.6
S-5	06/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	5.60	19.18	NA
S-5	**09/05/2006**	**111**	**NA**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**NA**	**NA**	**NA**	**NA**	**24.78**	**8.13**	**16.65**	**g**

WELL CONCENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, 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)	DO Reading (ppm)
T-1	07/16/2002	<5,000	180	<50	<50	<50	<50	NA	14,000	NA	NA	NA	NA	NA	7.71	NA	5.0
T-1	10/10/2002	<5,000	320	<50	<50	<50	<50	NA	17,000	NA	NA	NA	NA	24.14	8.91	15.23	2.3
T-1	01/16/2003	<1,000	230	12	<10	<10	<10	NA	5,800	NA	NA	NA	NA	24.14	7.55	16.59	1.2
T-1	05/02/2003	<2,500	400 j	<25	<25	<25	<50	NA	3,300	NA	NA	NA	NA	24.14	7.69	16.45	0.8
T-1	07/17/2003	<1,000	230 j	<10	<10	<10	<20	NA	3,300	NA	NA	NA	NA	24.14	8.52	15.62	1.1
T-1	11/04/2003	<500	200 j	<5.0	<5.0	<5.0	<10	NA	220	NA	NA	NA	NA	24.14	8.88	15.26	1.7
T-1	01/13/2004	<50	170 j	0.71	<0.50	<0.50	<1.0	NA	42	NA	NA	NA	NA	24.14	6.58	17.56	NA
T-1	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.14	7.60	16.54	0.2
T-1	04/05/2004	1,800	410 j	13	60	25	490	NA	30	NA	NA	NA	NA	24.14	6.09	18.05	0.2
T-1	07/02/2004	180	610 j	2.7	<0.50	<0.50	2.3	NA	24	NA	NA	NA	NA	24.14	7.39	16.75	1.2
T-1	10/26/2004	1,000	1,400 j	230	9.2	1.6	68	NA	29	NA	NA	NA	NA	24.14	7.73	16.41	0.5
T-2	07/16/2002	<5,000	390	<50	<50	<50	<50	NA	17,000	NA	NA	NA	NA	NA	7.15	NA	4.0
T-2	10/10/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.55	8.19	15.36	NA
T-2	01/16/2003	<1,000	120	<10	<10	<10	<10	NA	2,900	NA	NA	NA	NA	23.55	6.98	16.57	1.5
T-2	05/02/2003	<500	190 j	<5.0	<5.0	<5.0	<10	NA	1,000	NA	NA	NA	NA	23.55	7.20	16.35	1.3
T-2	07/17/2003	<1,000	200 j	<10	<10	<10	<20	NA	2,800	NA	NA	NA	NA	23.55	7.88	15.67	1.2
T-2	11/04/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.55	NA	NA	NA
T-2	01/13/2004	<250	430 j	<2.5	<2.5	<2.5	<5.0	NA	31	NA	NA	NA	NA	23.55	6.01	17.54	NA
T-2	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.55	6.13	17.42	0.6
T-2	04/05/2004	8,800	2,000 j	26	200	120	1,700	NA	55	NA	NA	NA	NA	23.55	5.53	18.02	0.3
T-2	07/02/2004	850	1,400 j	26	3.5	<2.5	47	NA	44	NA	NA	NA	NA	23.55	6.73	16.82	0.9
T-2	10/26/2004	2,200	1,000 j	310	23	3.8	240	NA	19	NA	NA	NA	NA	23.55	7.15	16.40	0.6

WELL CONCENTRATIONS
Shell-branded Service Station
350 Grand 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to February 16, 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 February 16, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B
TOB = Top of Wellbox Elevation
TOC = Top of Casing Elevation
GW = Groundwater
HP = Hydropunch ground water sample
T = Tank backfill well
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
350 Grand Avenue
Oakland, 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)	DO Reading (ppm)

Notes:

a = TPPH/BTEX concentrations anomalous with historical data. Lab verified concentrations.

b = Compounds reported as TPH-D appear to be the less volatile constituents of gasoline.

c = Compounds reported as TPH-D are primarily due to the presence of a heavier petroleum product, possibly motor oil.

d = Chromatogram pattern indicated an unidentified hydrcocarbon.

e = Compounds reported as TPH-D are primarily due to the presence of lighter petroleum product, possibly gasoline.

f = These results are listed as S-2 on the analytical report due to possible mislabeling in the field or laboratory.

g = DO reading not taken due to insufficient water.

h = These results are listed as S-3 on the analytical report due to possible mislabeling in the field or laboratory.

i = Diesel with silica gel treatment.

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

k = Hydrocarbon reported is in the early Diesel range and does not match the laboratory's standard.

Resampled on February 16, 2001 to confirm mislabeling.

Wells S-1, S-3, S-4, and S-5 surveyed on May 4, 1998 by Virgil Chavez Land Surveying of Vallejo, CA.

Site surveyed March 5, 2002 and July 29, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Beginning October 10, 2002 depth to water referenced to Top of Casing elevation.

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

September 21, 2006

Client: Cambria Env. Tech. (Sonoma) / SHELL (13674)
270 Perkins Street
Sonoma, CA 95476
Attn: Dennis Baertschi

Work Order: NPI0868
Project Name: 350 Grand Ave., Oakland, CA
Project Nbr: SAP 135698
P/O Nbr: 98995755
Date Received: 09/08/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
S-1	NPI0868-01	09/05/06 14:12
S-2	NPI0868-02	09/05/06 14:25
S-3	NPI0868-03	09/05/06 14:20
S-4	NPI0868-04	09/05/06 14:45
S-5	NPI0868-05	09/05/06 13:50

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 accredidation.

California Certification Number: 01168CA

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

Report Approved By:

Jim Hatfield
Project Management

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

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI0868
	270 Perkins Street	Project Name:	350 Grand Ave., Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135698
Attn	Dennis Baertschi	Received:	09/08/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI0868-01 (S-1 - Water) Sampled: 09/05/06 14:12								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/15/06 17:07	SW846 8260B	6093005
Benzene	ND		ug/L	0.500	1	09/15/06 17:07	SW846 8260B	6093005
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 17:07	SW846 8260B	6093005
Diisopropyl Ether	ND		ug/L	0.500	1	09/15/06 17:07	SW846 8260B	6093005
Ethylbenzene	ND		ug/L	0.500	1	09/15/06 17:07	SW846 8260B	6093005
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 17:07	SW846 8260B	6093005
Toluene	ND		ug/L	0.500	1	09/15/06 17:07	SW846 8260B	6093005
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	09/15/06 17:07	SW846 8260B	6093005
Xylenes, total	ND		ug/L	0.500	1	09/15/06 17:07	SW846 8260B	6093005
Surr: 1,2-Dichloroethane-d4 (70-130%)	*106 %*					*09/15/06 17:07*	*SW846 8260B*	*6093005*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*09/15/06 17:07*	*SW846 8260B*	*6093005*
Surr: Toluene-d8 (78-121%)	*106 %*					*09/15/06 17:07*	*SW846 8260B*	*6093005*
Surr: 4-Bromofluorobenzene (78-126%)	*109 %*					*09/15/06 17:07*	*SW846 8260B*	*6093005*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**57.4**		ug/L	50.0	1	09/15/06 17:07	CA LUFT GC/MS	6093005
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	46.9	1	09/14/06 18:25	SW846 8015B	6091452
Surr: o-Terphenyl (55-150%)	*80 %*					*09/14/06 18:25*	*SW846 8015B*	*6091452*
Sample ID: NPI0868-02 (S-2 - Water) Sampled: 09/05/06 14:25								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/15/06 17:31	SW846 8260B	6093005
Benzene	**71.4**		ug/L	0.500	1	09/15/06 17:31	SW846 8260B	6093005
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 17:31	SW846 8260B	6093005
Diisopropyl Ether	ND		ug/L	0.500	1	09/15/06 17:31	SW846 8260B	6093005
Ethylbenzene	**216**		ug/L	5.00	10	09/16/06 15:42	SW846 8260B	6093102
Methyl tert-Butyl Ether	**139**		ug/L	0.500	1	09/15/06 17:31	SW846 8260B	6093005
Toluene	**27.9**		ug/L	0.500	1	09/15/06 17:31	SW846 8260B	6093005
Tertiary Butyl Alcohol	**51.8**		ug/L	10.0	1	09/15/06 17:31	SW846 8260B	6093005
Xylenes, total	**17.6**		ug/L	0.500	1	09/15/06 17:31	SW846 8260B	6093005
Surr: 1,2-Dichloroethane-d4 (70-130%)	*126 %*					*09/15/06 17:31*	*SW846 8260B*	*6093005*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*107 %*					*09/16/06 15:42*	*SW846 8260B*	*6093102*
Surr: Dibromofluoromethane (79-122%)	*94 %*					*09/15/06 17:31*	*SW846 8260B*	*6093005*
Surr: Dibromofluoromethane (79-122%)	*108 %*					*09/16/06 15:42*	*SW846 8260B*	*6093102*
Surr: Toluene-d8 (78-121%)	*108 %*					*09/15/06 17:31*	*SW846 8260B*	*6093005*
Surr: Toluene-d8 (78-121%)	*102 %*					*09/16/06 15:42*	*SW846 8260B*	*6093102*
Surr: 4-Bromofluorobenzene (78-126%)	*111 %*					*09/15/06 17:31*	*SW846 8260B*	*6093005*
Surr: 4-Bromofluorobenzene (78-126%)	*110 %*					*09/16/06 15:42*	*SW846 8260B*	*6093102*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**23800**		ug/L	500	10	09/16/06 15:42	CA LUFT GC/MS	6093102
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**8760**		ug/L	469	10	09/15/06 09:09	SW846 8015B	6091452
Surr: o-Terphenyl (55-150%)	*	*Z3*				*09/15/06 09:09*	*SW846 8015B*	*6091452*

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

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI0868
	270 Perkins Street	Project Name:	350 Grand Ave., Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135698
Attn	Dennis Baertschi	Received:	09/08/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI0868-02RE1 (S-2 - Water) - cont. Sampled: 09/05/06 14:25								
Sample ID: NPI0868-03 (S-3 - Water) Sampled: 09/05/06 14:20								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/15/06 17:55	SW846 8260B	6093005
Benzene	ND		ug/L	0.500	1	09/15/06 17:55	SW846 8260B	6093005
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 17:55	SW846 8260B	6093005
Diisopropyl Ether	ND		ug/L	0.500	1	09/15/06 17:55	SW846 8260B	6093005
Ethylbenzene	ND		ug/L	0.500	1	09/15/06 17:55	SW846 8260B	6093005
Methyl tert-Butyl Ether	**1.19**		ug/L	0.500	1	09/15/06 17:55	SW846 8260B	6093005
Toluene	ND		ug/L	0.500	1	09/15/06 17:55	SW846 8260B	6093005
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	09/15/06 17:55	SW846 8260B	6093005
Xylenes, total	ND		ug/L	0.500	1	09/15/06 17:55	SW846 8260B	6093005
Surr: 1,2-Dichloroethane-d4 (70-130%)	*103 %*					*09/15/06 17:55*	*SW846 8260B*	*6093005*
Surr: Dibromofluoromethane (79-122%)	*103 %*					*09/15/06 17:55*	*SW846 8260B*	*6093005*
Surr: Toluene-d8 (78-121%)	*103 %*					*09/15/06 17:55*	*SW846 8260B*	*6093005*
Surr: 4-Bromofluorobenzene (78-126%)	*116 %*					*09/15/06 17:55*	*SW846 8260B*	*6093005*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**122**		ug/L	50.0	1	09/15/06 17:55	CA LUFT GC/MS	6093005
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**187**		ug/L	47.2	1	09/14/06 19:01	SW846 8015B	6091452
Surr: o-Terphenyl (55-150%)	*68 %*					*09/14/06 19:01*	*SW846 8015B*	*6091452*
Sample ID: NPI0868-04 (S-4 - Water) Sampled: 09/05/06 14:45								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/15/06 18:20	SW846 8260B	6093005
Benzene	ND		ug/L	0.500	1	09/15/06 18:20	SW846 8260B	6093005
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 18:20	SW846 8260B	6093005
Diisopropyl Ether	ND		ug/L	0.500	1	09/15/06 18:20	SW846 8260B	6093005
Ethylbenzene	ND		ug/L	0.500	1	09/15/06 18:20	SW846 8260B	6093005
Methyl tert-Butyl Ether	**0.740**		ug/L	0.500	1	09/15/06 18:20	SW846 8260B	6093005
Toluene	ND		ug/L	0.500	1	09/15/06 18:20	SW846 8260B	6093005
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	09/15/06 18:20	SW846 8260B	6093005
Xylenes, total	ND		ug/L	0.500	1	09/15/06 18:20	SW846 8260B	6093005
Surr: 1,2-Dichloroethane-d4 (70-130%)	*107 %*					*09/15/06 18:20*	*SW846 8260B*	*6093005*
Surr: Dibromofluoromethane (79-122%)	*103 %*					*09/15/06 18:20*	*SW846 8260B*	*6093005*
Surr: Toluene-d8 (78-121%)	*101 %*					*09/15/06 18:20*	*SW846 8260B*	*6093005*
Surr: 4-Bromofluorobenzene (78-126%)	*110 %*					*09/15/06 18:20*	*SW846 8260B*	*6093005*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	09/15/06 18:20	CA LUFT GC/MS	6093005

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	270 Perkins Street	Project Name:	350 Grand Ave., Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135698
Attn	Dennis Baertschi	Received:	09/08/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI0868-05 (S-5 - Water) Sampled: 09/05/06 13:50								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	09/15/06 18:44	SW846 8260B	6093005
Ethylbenzene	ND		ug/L	0.500	1	09/15/06 18:44	SW846 8260B	6093005
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 18:44	SW846 8260B	6093005
Toluene	ND		ug/L	0.500	1	09/15/06 18:44	SW846 8260B	6093005
Xylenes, total	ND		ug/L	0.500	1	09/15/06 18:44	SW846 8260B	6093005
Surr: 1,2-Dichloroethane-d4 (70-130%)	*108 %*					*09/15/06 18:44*	*SW846 8260B*	*6093005*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*09/15/06 18:44*	*SW846 8260B*	*6093005*
Surr: Toluene-d8 (78-121%)	*101 %*					*09/15/06 18:44*	*SW846 8260B*	*6093005*
Surr: 4-Bromofluorobenzene (78-126%)	*115 %*					*09/15/06 18:44*	*SW846 8260B*	*6093005*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**111**		ug/L	50.0	1	09/15/06 18:44	CA LUFT GC/MS	6093005

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Attn	Dennis Baertschi	Received:	09/08/06 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons with Silica Gel Treatment							
SW846 8015B	6091452	NPI0868-01	1065.00	1.00	09/11/06 14:30	KLG	EPA 3510C
SW846 8015B	6091452	NPI0868-02	1065.00	1.00	09/11/06 14:30	KLG	EPA 3510C
SW846 8015B	6091452	NPI0868-02RE1	1065.00	1.00	09/11/06 14:30	KLG	EPA 3510C
SW846 8015B	6091452	NPI0868-03	1060.00	1.00	09/11/06 14:30	KLG	EPA 3510C

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PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6093005-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Benzene	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Benzene	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Ethyl tert-Butyl Ether	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Diisopropyl Ether	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Ethylbenzene	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Ethylbenzene	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Methyl tert-Butyl Ether	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Methyl tert-Butyl Ether	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Toluene	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Tertiary Butyl Alcohol	<5.06		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Toluene	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Xylenes, total	<0.350		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Xylenes, total	<0.350		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 1,2-Dichloroethane-d4	109%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 1,2-Dichloroethane-d4	109%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 1,2-Dichloroethane-d4	109%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: Dibromofluoromethane	106%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: Dibromofluoromethane	106%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: Dibromofluoromethane	106%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: Toluene-d8	106%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: Toluene-d8	106%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: Toluene-d8	106%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 4-Bromofluorobenzene	107%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 4-Bromofluorobenzene	107%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 4-Bromofluorobenzene	107%			6093005	6093005-BLK1	09/15/06 14:00
6093102-BLK1						
Benzene	<0.200		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Ethylbenzene	<0.200		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Toluene	<0.200		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Xylenes, total	<0.350		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Surrogate: 1,2-Dichloroethane-d4	106%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: Dibromofluoromethane	106%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: Toluene-d8	105%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: 4-Bromofluorobenzene	109%			6093102	6093102-BLK1	09/16/06 12:27
Purgeable Petroleum Hydrocarbons						
6093005-BLK1						
Gasoline Range Organics	<50.0		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 1,2-Dichloroethane-d4	109%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: Dibromofluoromethane	106%			6093005	6093005-BLK1	09/15/06 14:00

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PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
6093005-BLK1						
Surrogate: Toluene-d8	106%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 4-Bromofluorobenzene	107%			6093005	6093005-BLK1	09/15/06 14:00
6093102-BLK1						
Gasoline Range Organics	<50.0		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Surrogate: 1,2-Dichloroethane-d4	106%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: Dibromofluoromethane	106%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: Toluene-d8	105%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: 4-Bromofluorobenzene	109%			6093102	6093102-BLK1	09/16/06 12:27
Extractable Petroleum Hydrocarbons with Silica Gel Treatment						
6091452-BLK1						
Diesel	<33.0		ug/L	6091452	6091452-BLK1	09/14/06 16:56
Surrogate: o-Terphenyl	90%			6091452	6091452-BLK1	09/14/06 16:56

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PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6093005-BS1								
Tert-Amyl Methyl Ether	50.0	50.0		ug/L	100%	56 - 145	6093005	09/15/06 12:23
Benzene	50.0	49.6		ug/L	99%	79 - 123	6093005	09/15/06 12:23
Benzene	50.0	49.6		ug/L	99%	79 - 123	6093005	09/15/06 12:23
Ethyl tert-Butyl Ether	50.0	53.8		ug/L	108%	64 - 141	6093005	09/15/06 12:23
Diisopropyl Ether	50.0	48.7		ug/L	97%	73 - 135	6093005	09/15/06 12:23
Ethylbenzene	50.0	50.4		ug/L	101%	79 - 125	6093005	09/15/06 12:23
Ethylbenzene	50.0	50.4		ug/L	101%	79 - 125	6093005	09/15/06 12:23
Methyl tert-Butyl Ether	50.0	47.8		ug/L	96%	66 - 142	6093005	09/15/06 12:23
Methyl tert-Butyl Ether	50.0	47.8		ug/L	96%	66 - 142	6093005	09/15/06 12:23
Toluene	50.0	49.8		ug/L	100%	78 - 122	6093005	09/15/06 12:23
Tertiary Butyl Alcohol	500	425		ug/L	85%	42 - 154	6093005	09/15/06 12:23
Toluene	50.0	49.8		ug/L	100%	78 - 122	6093005	09/15/06 12:23
Xylenes, total	150	158		ug/L	105%	79 - 130	6093005	09/15/06 12:23
Xylenes, total	150	158		ug/L	105%	79 - 130	6093005	09/15/06 12:23
Surrogate: 1,2-Dichloroethane-d4	50.0	54.5			109%	70 - 130	6093005	09/15/06 12:23
Surrogate: 1,2-Dichloroethane-d4	50.0	54.5			109%	70 - 130	6093005	09/15/06 12:23
Surrogate: 1,2-Dichloroethane-d4	50.0	54.5			109%	70 - 130	6093005	09/15/06 12:23
Surrogate: Dibromofluoromethane	50.0	53.8			108%	79 - 122	6093005	09/15/06 12:23
Surrogate: Dibromofluoromethane	50.0	53.8			108%	79 - 122	6093005	09/15/06 12:23
Surrogate: Dibromofluoromethane	50.0	53.8			108%	79 - 122	6093005	09/15/06 12:23
Surrogate: Toluene-d8	50.0	52.7			105%	78 - 121	6093005	09/15/06 12:23
Surrogate: Toluene-d8	50.0	52.7			105%	78 - 121	6093005	09/15/06 12:23
Surrogate: Toluene-d8	50.0	52.7			105%	78 - 121	6093005	09/15/06 12:23
Surrogate: 4-Bromofluorobenzene	50.0	52.2			104%	78 - 126	6093005	09/15/06 12:23
Surrogate: 4-Bromofluorobenzene	50.0	52.2			104%	78 - 126	6093005	09/15/06 12:23
Surrogate: 4-Bromofluorobenzene	50.0	52.2			104%	78 - 126	6093005	09/15/06 12:23
6093102-BS1								
Benzene	50.0	47.6		ug/L	95%	79 - 123	6093102	09/16/06 11:14
Ethylbenzene	50.0	50.2		ug/L	100%	79 - 125	6093102	09/16/06 11:14
Toluene	50.0	46.7		ug/L	93%	78 - 122	6093102	09/16/06 11:14
Xylenes, total	150	153		ug/L	102%	79 - 130	6093102	09/16/06 11:14
Surrogate: 1,2-Dichloroethane-d4	50.0	51.5			103%	70 - 130	6093102	09/16/06 11:14
Surrogate: Dibromofluoromethane	50.0	52.0			104%	79 - 122	6093102	09/16/06 11:14
Surrogate: Toluene-d8	50.0	49.7			99%	78 - 121	6093102	09/16/06 11:14
Surrogate: 4-Bromofluorobenzene	50.0	53.8			108%	78 - 126	6093102	09/16/06 11:14
Purgeable Petroleum Hydrocarbons								
6093005-BS1								
Gasoline Range Organics	3050	3570		ug/L	117%	67 - 130	6093005	09/15/06 12:23
Surrogate: 1,2-Dichloroethane-d4	50.0	54.5			109%	70 - 130	6093005	09/15/06 12:23
Surrogate: Dibromofluoromethane	50.0	53.8			108%	70 - 130	6093005	09/15/06 12:23

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PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
6093005-BS1								
Surrogate: Toluene-d8	50.0	52.7			105%	70 - 130	6093005	09/15/06 12:23
Surrogate: 4-Bromofluorobenzene	50.0	52.2			104%	70 - 130	6093005	09/15/06 12:23
6093102-BS1								
Gasoline Range Organics	3050	3070		ug/L	101%	67 - 130	6093102	09/16/06 11:14
Surrogate: 1,2-Dichloroethane-d4	50.0	51.5			103%	70 - 130	6093102	09/16/06 11:14
Surrogate: Dibromofluoromethane	50.0	52.0			104%	70 - 130	6093102	09/16/06 11:14
Surrogate: Toluene-d8	50.0	49.7			99%	70 - 130	6093102	09/16/06 11:14
Surrogate: 4-Bromofluorobenzene	50.0	53.8			108%	70 - 130	6093102	09/16/06 11:14
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
6091452-BS1								
Diesel	1000	1010		ug/L	101%	49 - 118	6091452	09/14/06 17:14
Surrogate: o-Terphenyl	20.0	16.8			84%	55 - 150	6091452	09/14/06 17:14

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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
Volatile Organic Compounds by EPA Method 8260B										
6093005-MS1										
Tert-Amyl Methyl Ether	ND	52.6		ug/L	50.0	105%	45 - 155	6093005	NPI0868-01	09/15/06 22:23
Benzene	ND	50.1		ug/L	50.0	100%	71 - 137	6093005	NPI0868-01	09/15/06 22:23
Benzene	ND	50.1		ug/L	50.0	100%	71 - 137	6093005	NPI0868-01	09/15/06 22:23
Ethyl tert-Butyl Ether	ND	53.6		ug/L	50.0	107%	57 - 148	6093005	NPI0868-01	09/15/06 22:23
Diisopropyl Ether	ND	50.4		ug/L	50.0	101%	67 - 143	6093005	NPI0868-01	09/15/06 22:23
Ethylbenzene	ND	53.1		ug/L	50.0	106%	72 - 139	6093005	NPI0868-01	09/15/06 22:23
Ethylbenzene	ND	53.1		ug/L	50.0	106%	72 - 139	6093005	NPI0868-01	09/15/06 22:23
Methyl tert-Butyl Ether	ND	49.2		ug/L	50.0	98%	55 - 152	6093005	NPI0868-01	09/15/06 22:23
Methyl tert-Butyl Ether	ND	49.2		ug/L	50.0	98%	55 - 152	6093005	NPI0868-01	09/15/06 22:23
Toluene	ND	50.2		ug/L	50.0	100%	73 - 133	6093005	NPI0868-01	09/15/06 22:23
Tertiary Butyl Alcohol	ND	651		ug/L	500	130%	19 - 183	6093005	NPI0868-01	09/15/06 22:23
Toluene	ND	50.2		ug/L	50.0	100%	73 - 133	6093005	NPI0868-01	09/15/06 22:23
Xylenes, total	ND	161		ug/L	150	107%	70 - 143	6093005	NPI0868-01	09/15/06 22:23
Xylenes, total	ND	161		ug/L	150	107%	70 - 143	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/L	50.0	106%	70 - 130	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/L	50.0	106%	70 - 130	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/L	50.0	106%	70 - 130	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Dibromofluoromethane		53.2		ug/L	50.0	106%	79 - 122	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Dibromofluoromethane		53.2		ug/L	50.0	106%	79 - 122	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Dibromofluoromethane		53.2		ug/L	50.0	106%	79 - 122	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Toluene-d8		51.3		ug/L	50.0	103%	78 - 121	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Toluene-d8		51.3		ug/L	50.0	103%	78 - 121	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Toluene-d8		51.3		ug/L	50.0	103%	78 - 121	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 4-Bromofluorobenzene		53.3		ug/L	50.0	107%	78 - 126	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 4-Bromofluorobenzene		53.3		ug/L	50.0	107%	78 - 126	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 4-Bromofluorobenzene		53.3		ug/L	50.0	107%	78 - 126	6093005	NPI0868-01	09/15/06 22:23
Purgeable Petroleum Hydrocarbons										
6093005-MS1										
Gasoline Range Organics	57.4	2740		ug/L	3050	88%	60 - 140	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/L	50.0	106%	0 - 200	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Dibromofluoromethane		53.2		ug/L	50.0	106%	0 - 200	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Toluene-d8		51.3		ug/L	50.0	103%	0 - 200	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 4-Bromofluorobenzene		53.3		ug/L	50.0	107%	0 - 200	6093005	NPI0868-01	09/15/06 22:23

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

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI0868
	270 Perkins Street	Project Name:	350 Grand Ave., Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135698
Attn	Dennis Baertschi	Received:	09/08/06 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
Volatile Organic Compounds by EPA Method 8260B												
6093005-MSD1												
Tert-Amyl Methyl Ether	ND	53.2		ug/L	50.0	106%	45 - 155	1	24	6093005	NPI0868-01	09/15/06 22:47
Benzene	ND	50.5		ug/L	50.0	101%	71 - 137	0.8	23	6093005	NPI0868-01	09/15/06 22:47
Benzene	ND	50.5		ug/L	50.0	101%	71 - 137	0.8	23	6093005	NPI0868-01	09/15/06 22:47
Ethyl tert-Butyl Ether	ND	55.6		ug/L	50.0	111%	57 - 148	4	22	6093005	NPI0868-01	09/15/06 22:47
Diisopropyl Ether	ND	51.3		ug/L	50.0	103%	67 - 143	2	22	6093005	NPI0868-01	09/15/06 22:47
Ethylbenzene	ND	51.7		ug/L	50.0	103%	72 - 139	3	23	6093005	NPI0868-01	09/15/06 22:47
Ethylbenzene	ND	51.7		ug/L	50.0	103%	72 - 139	3	23	6093005	NPI0868-01	09/15/06 22:47
Methyl tert-Butyl Ether	ND	51.0		ug/L	50.0	102%	55 - 152	4	27	6093005	NPI0868-01	09/15/06 22:47
Methyl tert-Butyl Ether	ND	51.0		ug/L	50.0	102%	55 - 152	4	27	6093005	NPI0868-01	09/15/06 22:47
Toluene	ND	51.1		ug/L	50.0	102%	73 - 133	2	25	6093005	NPI0868-01	09/15/06 22:47
Tertiary Butyl Alcohol	ND	686		ug/L	500	137%	19 - 183	5	39	6093005	NPI0868-01	09/15/06 22:47
Toluene	ND	51.1		ug/L	50.0	102%	73 - 133	2	25	6093005	NPI0868-01	09/15/06 22:47
Xylenes, total	ND	163		ug/L	150	109%	70 - 143	1	27	6093005	NPI0868-01	09/15/06 22:47
Xylenes, total	ND	163		ug/L	150	109%	70 - 143	1	27	6093005	NPI0868-01	09/15/06 22:47
Surrogate: 1,2-Dichloroethane-d4		53.4		ug/L	50.0	107%	70 - 130			6093005	NPI0868-01	09/15/06 22:47
Surrogate: 1,2-Dichloroethane-d4		53.4		ug/L	50.0	107%	70 - 130			6093005	NPI0868-01	09/15/06 22:47
Surrogate: 1,2-Dichloroethane-d4		53.4		ug/L	50.0	107%	70 - 130			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Dibromofluoromethane		52.7		ug/L	50.0	105%	79 - 122			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Dibromofluoromethane		52.7		ug/L	50.0	105%	79 - 122			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Dibromofluoromethane		52.7		ug/L	50.0	105%	79 - 122			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Toluene-d8		52.3		ug/L	50.0	105%	78 - 121			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Toluene-d8		52.3		ug/L	50.0	105%	78 - 121			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Toluene-d8		52.3		ug/L	50.0	105%	78 - 121			6093005	NPI0868-01	09/15/06 22:47
Surrogate: 4-Bromofluorobenzene		54.5		ug/L	50.0	109%	78 - 126			6093005	NPI0868-01	09/15/06 22:47
Surrogate: 4-Bromofluorobenzene		54.5		ug/L	50.0	109%	78 - 126			6093005	NPI0868-01	09/15/06 22:47
Surrogate: 4-Bromofluorobenzene		54.5		ug/L	50.0	109%	78 - 126			6093005	NPI0868-01	09/15/06 22:47
Purgeable Petroleum Hydrocarbons												
6093005-MSD1												
Gasoline Range Organics	57.4	2740		ug/L	3050	88%	60 - 140	0	40	6093005	NPI0868-01	09/15/06 22:47
Surrogate: 1,2-Dichloroethane-d4		53.4		ug/L	50.0	107%	0 - 200			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Dibromofluoromethane		52.7		ug/L	50.0	105%	0 - 200			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Toluene-d8		52.3		ug/L	50.0	105%	0 - 200			6093005	NPI0868-01	09/15/06 22:47
Surrogate: 4-Bromofluorobenzene		54.5		ug/L	50.0	109%	0 - 200			6093005	NPI0868-01	09/15/06 22:47

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI0868
	270 Perkins Street	Project Name:	350 Grand Ave., Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135698
Attn	Dennis Baertschi	Received:	09/08/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Water			X
NA	Water			
SW846 8015B	Water			
SW846 8260B	Water	N/A	X	X

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Attn	Dennis Baertschi	Received:	09/08/06 08:00

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte
CA LUFT GC/MS	Water	Gasoline Range Organics
SW846 8015B	Water	Diesel

TestAmerica
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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI0868
	270 Perkins Street	Project Name:	350 Grand Ave., Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135698
Attn	Dennis Baertschi	Received:	09/08/06 08:00

DATA QUALIFIERS AND DEFINITIONS

Z3 The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM

BC# NPI0868

Cooler Received/Opened On: September 8, 2006 @ 08:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 3690

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

2. Temperature of representative sample or temperature blank when opened: -0.4 **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 (intial)_____

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

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

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

Plastic bag Paper Other_____ None

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

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

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

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

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

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

I certify that I unloaded the cooler and answered questions 6-12 (intial)_____

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other_____

SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Denis Brown
- ☑ ENVIRONMENTAL SERVICES
- ☐ NETWORK DEV / FE
- ☐ BILL CONSULTANT
- ☐ COMPLIANCE
- ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 7 5 5

PO #:

SAP or CRMT #:

DATE: 9/5/06

PAGE: 1 of 1

SAMPLING COMPANY	LOG CODE	SITE ADDRESS: Street and City	State	GLOBAL ID NO.
Blaine Tech Services	BTSS	350 Grand Ave., Oakland	CA	T0600101255

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: mninokata@blainetech.com

EDF DELIVERABLE TO (Name, Company, Office Location): Dennis Baertschi, Cambria, Eureka

PHONE NO: (707) 268-3813

E-MAIL: sonomaedf@cambria-env.com

CONSULTANT PROJECT NO.: 060105-SL2

BTS #:

SAMPLER NAME(S) (Print): S. Lane

LAB USE ONLY

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:
- ☐ EDD NOT NEEDED
- ☐ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMB RATE APPLIES
- ☑ RECEIPT VERIFICATION REQUESTED

RUN TPHd WITH SILICA GEL CLEAN UP

REQUESTED ANALYSIS

NPI0868
09/22/06 23:59

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TEMPERATURE ON RECEIPT C°
	S-1	9/5/06	1412	W	5	X	X	X	X										0860-01
	S-2	9/5/06	1425		5	X	X	X	X										02
	S-3		1420		5	X	X	X	X										03
	S-4		1445		3	X		X	X										04
	S-5		1350		3	X	X	X		X									05

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

-0.4°C

Relinquished by: (Signature) S. Lane	Received by: (Signature) (Sample Sat today)	Date: 9/5/06	Time: 1645
Relinquished by: (Signature)	Received by: (Signature)	Date: 9/6/06	Time: 1600
Relinquished by: (Signature)	Received by: (Signature) JULIE NG. (MH)	Date: 9/6/06	Time: 1700
JULIE NG. (MH) 9/7/06 1500		9/22/06 0800	

Q&Q Graphic (714) 898-9702

05/02/06 Revision

WELLHEAD INSPECTION CHECKLIST

Client Shell Date 9/5/06

Site Address 350 Grand Oakland

Job Number 060905-S1Z Technician SC

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
S-1	X	X	X							
S-2	X	X	X							
S-3	X	X	X							
S-4	X	X	X							
S-5	X	X	X							

NOTES:

WELL GAUGING DATA

Project # 060905-SC2 Date 9/5/06 Client Shell

Site 350 Grand Oakland

Well ID	Time	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	Notes	
S-1	1114	3					7.45	17.20			1
S-2	1121	3					7.93	14.68			5
S-3	1118	3					7.52	14.71			3
S-4	1130	1					9.02	14.45			2
S-5	1153	1					8.13	13.05			4

SHELL WELL MONITORING DATA SHEET

BTS #: 060905-SL2	Site: 98955755
Sampler: SL	Date: 9/5/06
Well I.D.: S-1	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 17.26	Depth to Water (DTW): 7.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.40	

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: ____

3.6 (Gals.) X	3	= 10.8 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1211	73.0	6.81	899.1	63	3.6	
1212	73.2	6.67	735.9	128	7.2	
~~1213~~	well dewatered @ 8 gal					DTW-15.89
1412	70.1	6.83	881.3	26		

Did well dewater? (Yes) No — Gallons actually evacuated: 8

Sampling Date: 9/5/06 — Sampling Time: 1412 — Depth to Water: 9.72 (2hr)

Sample I.D.: S-1 — Laboratory: STL Other TA

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060905-SL2	Site: 98995755
Sampler: SL	Date: 9/5/06
Well I.D.: S-2	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 14.68	Depth to Water (DTW): 7.93
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.28	

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: ____

2.5 (Gals.) X	3	= 7.5 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1233	75.3	6.58	614	523	2.5	Odor
1233	well dewatered @ 3gal					DTW - 13.10
1314						
1425	71.6	6.47	622	16		

Did well dewater? (Yes) No — Gallons actually evacuated: 3

Sampling Date: 9/5/06 — Sampling Time: 1425 — Depth to Water: 8.73

Sample I.D.: SL2 — Laboratory: STL Other TA

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060905-SL2	Site: 98995755
Sampler: SL	Date: 9/5/06
Well I.D.: S-3	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 14.71	Depth to Water (DTW): 7.52
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.96	

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	$radius^2 * 0.163$

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1220	75.6	6.95	697	191	2.7	
1220	74.4	6.56	692	269	5.4	
@ 1224	we	11	dewatered		@ 6 gal	DTW-13.26
1420	69.4	6.29	753	41		

Did well dewater? (Yes) No — Gallons actually evacuated: 6

Sampling Date: 9/5/06 Sampling Time: 1420 Depth to Water: 11.24 (2hr)

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060905-SL2	Site: 98957SS
Sampler: SL	Date: 9/5/06
Well I.D.: S-4	Well Diameter: 2 3 4 6 8 (1)
Total Well Depth (TD): 14.45	Depth to Water (DTW): 9.02
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]: 10.11	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other: S/S Tube w/check valve

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: None

1 Case Volume	Specified Volumes	Calculated Volume
0.2 (Gals.) X	3 =	06 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
1140	68.3	7.01	1292	>1000	0.2	
	well dewatered @ 0.3					DTW - 14.25
→	filled 1 1L Amber 1/2 full bf dewatering → discarded not enough H2O for sample					
1239	DTW - 13.96					
1340	unable to pull anymore water					DTW - 14.22

Did well dewater? (Yes) No — Gallons actually evacuated: 0.3

Sampling Date: 9/5/06 — Sampling Time: 1445 — Depth to Water: 13.89

Sample I.D.: S-4 — Laboratory: STL Other TA

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

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

not enough water to get D.O. read. No refill

1445 → 13.89 Before

DTW → 14.20 After Amber Liters

SHELL WELL MONITORING DATA SHEET

BTS #: 060905-SL2	Site: 98995755
Sampler: SL	Date: 9/5/06
Well I.D.: S-5	Well Diameter: 2 3 4 6 8 (4)
Total Well Depth (TD): 13.05	Depth to Water (DTW): 8.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.11	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other 5/8" PE tube w/ check valve

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: same

1 Case Volume	Specified Volumes	Calculated Volume
0.2 (Gals.) X	3	= 0.6 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 µS)	Turbidity (NTUs)	Gals. Removed	Observations
1200	67.1	6.98	1594	>1000	0.2	
	well dewatered @ 0.3 gal DTW-12.80					
1244	DTW-10.83					
1350	72.1	6.86	1469			
	insufficient H2O to fill Amber liters					

Did well dewater? (Yes) No — Gallons actually evacuated: 0.3

Sampling Date: 9/5/06 — Sampling Time: 1350 — Depth to Water: 9.02

Sample I.D.: S-5 — Laboratory: STL Other TA

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

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

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

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

insufficient H2O for D.O. reading