



Shell Oil Products US

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By dehloptoxic at 8:40 am, Sep 28, 2006

July 10, 2006

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

Subject: Former Shell Service Station
461 8th Street
Oakland, California
SAP code 129453

Dear Mr. Chan:

Attached for your review and comment is a copy of the *Groundwater Monitoring Report – Second Quarter 2006* 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.

As always, please feel free to contact me directly at (707) 865-0251 with any questions or concerns.

Sincerely,

Shell Oil Products US

Denis L. Brown
Project Manager

July 10, 2006

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

Re: **Groundwater Monitoring Report - Second Quarter 2006**
Former Shell Service Station
461 8th Street
Oakland, California
SAP Code 129453
ACHCSA File: RO0000343



Dear Mr. Chan:

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.

SECOND QUARTER 2006 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all site wells, except S-5, and prepared a summary table of field gauging and laboratory analytical data. Cambria prepared a vicinity/area well survey map (Figure 1) and a groundwater contour/chemical concentration map (Figure 2). Blaine's report, presenting the laboratory report, is included as Appendix A.

Other Activities: Cambria submitted the *Subsurface Investigation Work Plan* dated June 7, 2006.

ANTICIPATED THIRD QUARTER 2006 ACTIVITIES

Groundwater Monitoring: Blaine will gauge all accessible wells, sample selected wells, and tabulate the data. Cambria will prepare a groundwater monitoring report.

Other Activities: Cambria awaits agency approval of the June 7, 2006 work plan.

**Cambria
Environmental
Technology, Inc.**

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

C A M B R I A

CLOSING

If you have any questions regarding this document, please call Ana Friel at (707) 268-3812.

Sincerely,

Cambria Environmental Technology, Inc.



Kevin Taylor
Staff Geologist



Ana Friel, PG
Associate Geologist



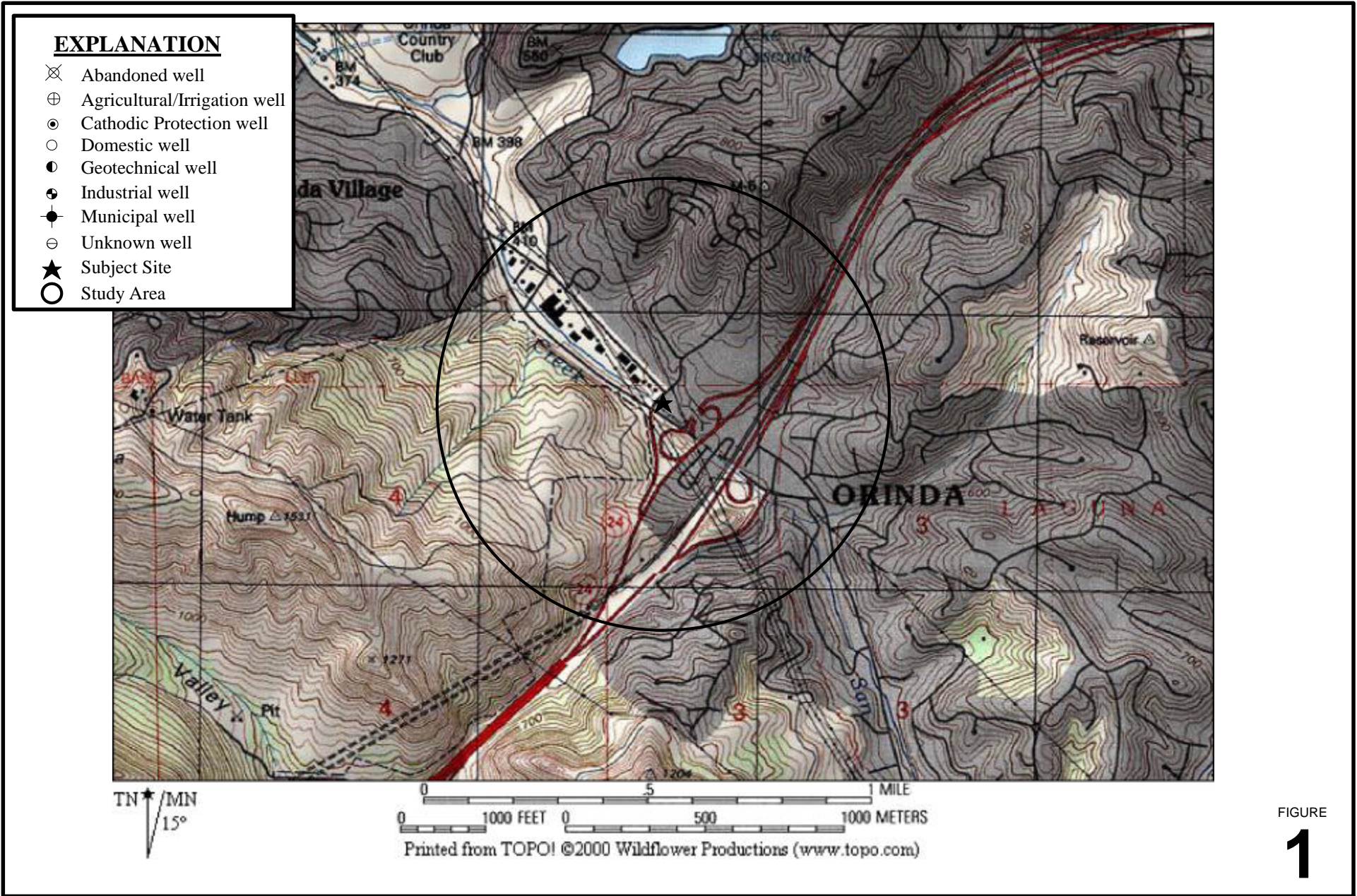
Attachments:

- Figure 1. Vicinity/Area Well Survey Map
- Figure 2. Groundwater Contour/Chemical Concentration Map

- Appendix A. Blaine Tech Services, Inc. - Groundwater Monitoring Report

cc: Denis Brown, Shell
A.F. Evans Company (Property Owners), c/o Greg Lunkes
R. Casteel & Co.
Leroy Griffin, City of Oakland Fire Prevention Bureau

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Shell-branded Service Station



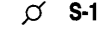
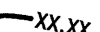










9 Orinda Way
Orinda, California

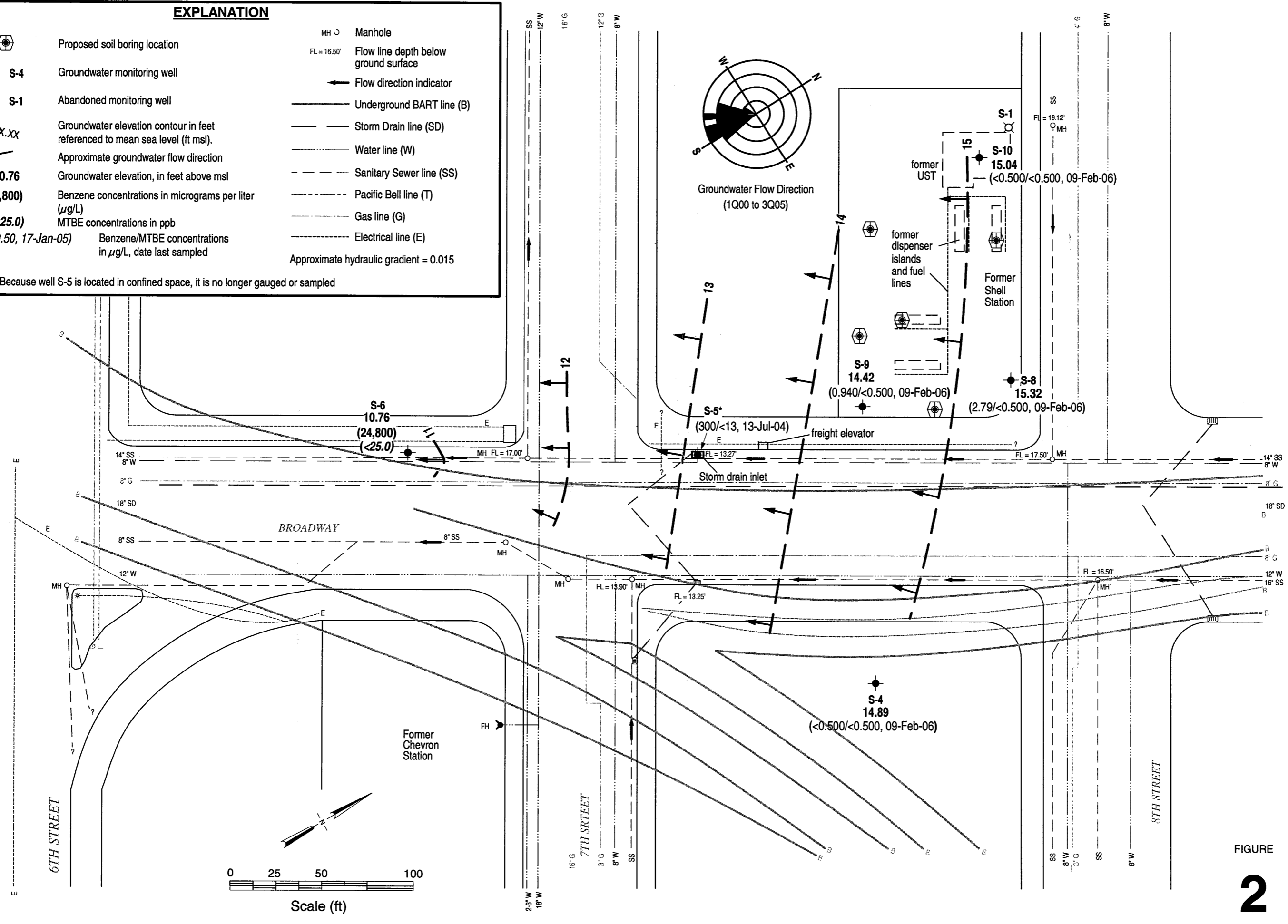
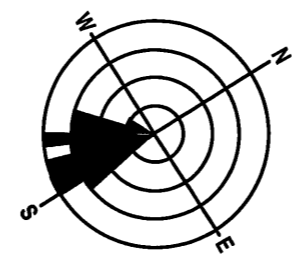


CAMBRIA

Site Vicinity/Well Survey Map

EXPLANATION

-  Proposed soil boring location
 -  S-4 Groundwater monitoring well
 -  S-1 Abandoned monitoring well
 -  XX.XX Groundwater elevation contour in feet referenced to mean sea level (ft msl).
 -  Approximate groundwater flow direction
 - 10.76** Groundwater elevation, in feet above msl
 - (24,800)** Benzene concentrations in micrograms per liter ($\mu\text{g/L}$)
 - (<25.0)** MTBE concentrations in ppb
 - (1.5/<0.50, 17-Jan-05)** Benzene/MTBE concentrations in $\mu\text{g/L}$, date last sampled
 - MH  Manhole
 - FL = 16.50' Flow line depth below ground surface
 -  Flow direction indicator
 -  Underground BART line (B)
 -  Storm Drain line (SD)
 -  Water line (W)
 -  Sanitary Sewer line (SS)
 -  Pacific Bell line (T)
 -  Gas line (G)
 -  Electrical line (E)
 - Approximate hydraulic gradient = 0.015
- * Because well S-5 is located in confined space, it is no longer gauged or sampled



FIGURE

2

Former Shell Service Station
461 8th Street
Oakland, California



Appendix A
Blaine Tech Services, Inc.
Groundwater Monitoring Report

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

June 14, 2006

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

Second Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
9 Orinda Way
Orinda, CA

Monitoring performed on May 15, 2006

Groundwater Monitoring Report **060515-WC-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the 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: Dennis Baertschi
Cambria Environmental Technology, Inc.
P.O. Box 259
Sonoma, CA 95476-0259

WELL CONCENTRATIONS
Shell-branded Service Station
9 Orinda Way
Orinda, 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)
S-1	12/20/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	467.67	28.13	439.54
S-1	12/22/1999	300	146 a	8.69	0.744	<0.500	0.534	13.2	18.8	NA	NA	NA	NA	467.67	26.86	440.81
S-1	02/10/2000	245	126 a	20.1	0.629	<0.500	<0.500	49.8	NA	NA	NA	NA	NA	467.67	26.92	440.75
S-1	05/01/2000	249	187 a	4.48	1.20	<0.500	0.851	65.9	NA	NA	NA	NA	NA	467.67	28.01	439.66
S-1	08/01/2000	<50.0	94.8 a	<0.500	<0.500	<0.500	<0.500	56.3	NA	NA	NA	NA	NA	467.67	28.54	439.13
S-1	11/10/2000	286	234 a	19.6	0.802	<0.500	0.637	28.8	NA	NA	NA	NA	NA	467.67	28.17	439.50
S-1	02/14/2001	170	<100	22	1.5	<0.5	0.8	NA	9.8	NA	NA	NA	NA	467.67	25.95	441.72
S-1	06/04/2001	76	<100	<0.50	<0.50	<0.50	<0.50	NA	7.7	NA	NA	NA	NA	467.67	27.94	439.73
S-1	08/10/2001	370	820	0.82	0.65	<0.50	0.68	NA	65	NA	NA	NA	NA	467.67	28.60	439.07
S-1	12/27/2001	670	190	3.5	0.96	<0.50	0.61	NA	<5.0	NA	NA	NA	NA	467.67	27.37	440.30
S-1	02/05/2002	390	<100	1.6	0.80	<0.50	0.71	NA	<5.0	NA	NA	NA	NA	467.72	27.17	440.55
S-1	05/22/2002	470	80	4.3	9.6	<0.50	5.8	NA	9.8	NA	NA	NA	NA	467.72	27.79	439.93
S-1	08/16/2002	840	<200	6.7	1.3	<0.50	1.2	NA	16	NA	NA	NA	NA	467.72	27.93	439.79
S-1	11/22/2002	830	<200	13	1.9	<0.50	1.5	NA	8.1	NA	NA	NA	NA	467.72	27.87	439.85
S-1	02/19/2003	1200	<300	0.83	1.3	<0.50	1.3	NA	7.9	NA	NA	NA	NA	467.72	27.34	440.38
S-1	05/15/2003	220	53 c	4.7	15	5.0	28	NA	24	NA	NA	NA	NA	467.72	27.17	440.55
S-1	08/14/2003	300 c	d	<0.50	0.60	<0.50	<1.0	NA	25	NA	NA	NA	NA	467.72	27.99	439.73
S-1	09/17/2003	NA	100 c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	467.72	27.15	440.57
S-1	11/11/2003	410 c	260 c	<1.0	<1.0	<1.0	<2.0	NA	19	NA	NA	NA	NA	467.72	28.04	439.68
S-1	01/23/2004	890	200 c	<1.0	1.2	<1.0	<2.0	NA	41	NA	NA	NA	NA	467.72	27.00	440.72
S-1	04/21/2004	590	220 c	<0.50	0.55	<0.50	<1.0	NA	33	NA	NA	NA	NA	467.72	27.15	440.57
S-1	08/23/2004	330 c	180 e	<0.50	<0.50	<0.50	<1.0	NA	170	<2.0	<2.0	<2.0	<5.0	467.72	27.85	439.87
S-1	12/08/2004	330 f	210 e	<0.50	<0.50	<0.50	<1.0	NA	41	NA	NA	NA	NA	467.72	27.20	440.52
S-1	02/10/2005	290	180 e	<0.50	<0.50	<0.50	<1.0	NA	29	NA	NA	NA	NA	467.72	26.64	441.08
S-1	05/16/2005	260	85 e	<0.50	<0.50	<0.50	<1.0	NA	34	NA	NA	NA	NA	467.72	26.40	441.32
S-1	08/02/2005	220	120 c	<0.50	<0.50	<0.50	<1.0	NA	52	<2.0	<2.0	<2.0	<5.0	467.72	27.05	440.67
S-1	12/01/2005	450	140 e	<0.50	<0.50	<0.50	<1.0	NA	18	NA	NA	NA	NA	467.72	26.70	441.02
S-1	02/16/2006	1330	283	<0.500	<0.500	<0.500	<0.500	NA	5.50	NA	NA	NA	NA	467.72	26.22	441.50

WELL CONCENTRATIONS
Shell-branded Service Station
9 Orinda Way
Orinda, 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)
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S-1	05/15/2006	666	203 g	<0.500	<0.500	<0.500	<0.500	NA	8.63	NA	NA	NA	NA	467.72	25.95	441.77
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S-2	12/20/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	465.79	18.35	447.44
S-2	12/22/1999	3740	1490 a	49.1	16.4	106	13.1	1200	1790	NA	NA	NA	NA	465.79	18.55	447.24
S-2	02/10/2000	4650	190 a	14.3	<10.0	118	<10.0	281	NA	NA	NA	NA	NA	465.79	17.35	448.44
S-2	05/01/2000	4790	931 a	298	15.6	93.2	5.15	290	229 b	NA	NA	NA	NA	465.79	18.23	447.56
S-2	08/01/2000	3990	1640 a	147	<10.0	64.0	<10.0	2370	2590	NA	NA	NA	NA	465.79	18.32	447.47
S-2	11/10/2000	1640	1630 a	51.8	6.30	11.3	<5.00	437	177 b	NA	NA	NA	NA	465.79	18.07	447.72
S-2	02/14/2001	2000	910	310	4.2	3.9	4.7	NA	360	NA	NA	NA	NA	465.79	16.88	448.91
S-2	06/04/2001	1900	<800	230	2.6	8.4	<2.0	NA	420	NA	NA	NA	NA	465.79	17.98	447.81
S-2	08/10/2001	5500	<700	170	5.1	54	5.1	NA	1800	NA	NA	NA	NA	465.79	18.27	447.52
S-2	12/27/2001	3100	<800	490	7.0	12	4.0	NA	580	NA	NA	NA	NA	465.79	17.52	448.27
S-2	02/05/2002	3500	<600	350	5.7	14	4.3	NA	960	NA	NA	NA	NA	465.83	17.49	448.34
S-2	05/22/2002	3400	<600	260	4.8	11	3.6	NA	790	NA	NA	NA	NA	465.83	17.10	448.73
S-2	08/16/2002	3100	<800	160	3.8	9.5	3.7	NA	76	NA	NA	NA	NA	465.83	17.17	448.66
S-2	11/22/2002	3200	<900	170	4.0	2.6	4.1	NA	150	NA	NA	NA	NA	465.83	17.72	448.11
S-2	02/19/2003	3200	<1300	170	3.8	4.7	3.1	NA	140	NA	NA	NA	NA	465.83	17.36	448.47
S-2	05/15/2003	74 c	1000 c	2.5	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	465.83	17.56	448.27
S-2	08/14/2003	4500 c	d	370	<10	<10	<20	NA	190	NA	NA	NA	NA	465.83	17.60	448.23
S-2	09/17/2003	NA	960 c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	465.83	17.42	448.41
S-2	11/11/2003	3200	1100 c	170	3.2	5.2	<5.0	NA	35	NA	NA	NA	NA	465.83	17.23	448.60
S-2	01/23/2004	6000	860 c	110	<5.0	23	<10	NA	6.9	NA	NA	NA	NA	465.83	16.05	449.78
S-2	04/21/2004	3700	1200 c	36	<5.0	<5.0	<10	NA	44	NA	NA	NA	NA	465.83	17.63	448.20
S-2	08/23/2004	4900	1400 e	73	5.3	5.7	<10	NA	1000	<20	<20	<20	71	465.83	18.05	447.78
S-2	12/08/2004	4700	1100 e	72	<5.0	14	<10	NA	8.3	NA	NA	NA	NA	465.83	16.45	449.38
S-2	02/10/2005	4500	1100 e	58	<5.0	<5.0	<10	NA	37	NA	NA	NA	NA	465.83	17.52	448.31
S-2	05/16/2005	3800	1000 e	60	<2.5	<2.5	<5.0	NA	110	NA	NA	NA	NA	465.83	17.48	448.35
S-2	08/02/2005	2200	820 e	28	<2.5	<2.5	<5.0	NA	140	<10	<10	<10	110	465.83	17.76	448.07

WELL CONCENTRATIONS
Shell-branded Service Station
9 Orinda Way
Orinda, 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)
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S-2	12/01/2005	2200	860 e	21	<2.5	<2.5	<5.0	NA	410	NA	NA	NA	NA	465.83	17.50	448.33
S-2	02/16/2006	<50.0	1330	149	<0.500	<0.500	<0.500	NA	127	NA	NA	NA	NA	465.83	17.46	448.37
S-2	05/15/2006	6610	948 g	137	1.48	1.09	<0.500	NA	129	NA	NA	NA	NA	465.83	17.50	448.33

S-3	12/20/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	465.26	29.15	436.11
S-3	12/22/1999	<50.0	112 a	<0.500	<0.500	<0.500	<0.500	14.5	20.2	NA	NA	NA	NA	465.26	29.00	436.26
S-3	02/10/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	8.46	NA	NA	NA	NA	NA	465.26	28.60	436.66
S-3	05/01/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	10.6	NA	NA	NA	NA	NA	465.26	28.65	436.61
S-3	08/01/2000	<50.0	57.3 a	<0.500	<0.500	<0.500	<0.500	6.91	NA	NA	NA	NA	NA	465.26	28.66	436.60
S-3	11/10/2000	<50.0	115 a	<0.500	<0.500	<0.500	<0.500	8.62	NA	NA	NA	NA	NA	465.26	28.75	436.51
S-3	02/14/2001	<50	<100	0.7	<0.5	<0.5	<0.6	NA	13	NA	NA	NA	NA	465.26	28.66	436.60
S-3	06/04/2001	<50	84	<0.50	<0.50	<0.50	<0.50	NA	17	NA	NA	NA	NA	465.26	28.62	436.64
S-3	08/10/2001	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	18	NA	NA	NA	NA	465.26	29.00	436.26
S-3	12/27/2001	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	17	NA	NA	NA	NA	465.26	29.17	436.09
S-3	02/05/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	19	NA	NA	NA	NA	465.29	28.92	436.37
S-3	05/22/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	19	NA	NA	NA	NA	465.29	28.89	436.40
S-3	08/16/2002	<50	98	<0.50	<0.50	<0.50	<0.50	NA	17	NA	NA	NA	NA	465.29	28.84	436.45
S-3	11/22/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	16	NA	NA	NA	NA	465.29	29.02	436.27
S-3	02/19/2003	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	21	NA	NA	NA	NA	465.29	28.67	436.62
S-3	05/15/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	21	NA	NA	NA	NA	465.29	29.02	436.27
S-3	08/14/2003	<50	d	<0.50	<0.50	<0.50	<1.0	NA	20	NA	NA	NA	NA	465.29	29.47	435.82
S-3	09/17/2003	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	465.29	29.07	436.22
S-3	11/11/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	25	NA	NA	NA	NA	465.29	29.11	436.18
S-3	01/23/2004	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	50	NA	NA	NA	NA	465.29	29.29	436.00
S-3	04/21/2004	<50	150 c	<0.50	<0.50	<0.50	<1.0	NA	35	NA	NA	NA	NA	465.29	29.45	435.84
S-3	08/23/2004	<50	87 c	<0.50	<0.50	<0.50	<1.0	NA	45	<2.0	<2.0	<2.0	<5.0	465.29	29.51	435.78
S-3	12/08/2004	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	23	NA	NA	NA	NA	465.29	29.29	436.00
S-3	02/10/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	33	NA	NA	NA	NA	465.29	29.70	435.59

WELL CONCENTRATIONS
Shell-branded Service Station
9 Orinda Way
Orinda, 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)
S-3	05/16/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	30	NA	NA	NA	NA	465.29	29.67	435.62
S-3	08/02/2005	<50	86 c	<0.50	<0.50	<0.50	<1.0	NA	65	<2.0	<2.0	<2.0	7.9	465.29	29.30	435.99
S-3	12/01/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	60	NA	NA	NA	NA	465.29	29.49	435.80
S-3	02/16/2006	<50.0	57.7	<0.500	<0.500	<0.500	<0.500	NA	57.4	NA	NA	NA	NA	465.29	29.39	435.90
S-3	05/15/2006	<50.0	88.6 g	<0.500	<0.500	<0.500	<0.500	NA	64.0	NA	NA	NA	NA	465.29	29.58	435.71

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 4, 2001, analyzed by EPA Method 8015.

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

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 4, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

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

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

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

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

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
9 Orinda Way
Orinda, 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)
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Notes:

- a = Chromatogram pattern indicated an unidentified hydrocarbon.
 - b = This sample was analyzed outside of EPA recommended hold time.
 - c = Hydrocarbon does not match pattern of laboratory's standard.
 - d = Data not included due to out of hold time extraction.
 - e = Hydrocarbon reported is in the early Diesel range and does not match the laboratory's standard.
 - f = Quantity of unknown hydrocarbons in sample based on gasoline.
 - g = Diesel with silica gel clean-up.
- Site was surveyed January 27, 2000 by Virgil Chavez Land Surveying of Vallejo, CA.
Site was surveyed January 25, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

June 01, 2006

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

Work Order: NPE2770
Project Name: 9 Orinda Way, Orinda, CA
Project Nbr: SAP 135716
P/O Nbr: 98995774
Date Received: 05/18/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
S-1	NPE2770-01	05/15/06 11:00
S-2	NPE2770-02	05/15/06 10:40
S-3	NPE2770-03	05/15/06 09:10

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

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

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

Report Approved By:



Jim Hatfield
Project Management

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

Work Order: NPE2770
 Project Name: 9 Orinda Way, Orinda, CA
 Project Number: SAP 135716
 Received: 05/18/06 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE2770-01 (S-1 - Water) Sampled: 05/15/06 11:00								
General Chemistry Parameters								
Total Dissolved Solids	810		mg/L	100	1	05/20/06 20:31	EPA 160.1	6054075
Total Metals by EPA Method 6010B								
Iron	2.03		mg/L	0.0500	1	05/24/06 12:21	SW846 6010B	6054431
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	05/26/06 06:34	SW846 8260B	6055082
Ethylbenzene	ND		ug/L	0.500	1	05/26/06 06:34	SW846 8260B	6055082
Methyl tert-Butyl Ether	8.63		ug/L	0.500	1	05/26/06 06:34	SW846 8260B	6055082
Toluene	ND		ug/L	0.500	1	05/26/06 06:34	SW846 8260B	6055082
Xylenes, total	ND		ug/L	0.500	1	05/26/06 06:34	SW846 8260B	6055082
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	109 %					05/26/06 06:34	SW846 8260B	6055082
<i>Surr: Dibromofluoromethane (79-122%)</i>	127 %	Z10				05/26/06 06:34	SW846 8260B	6055082
<i>Surr: Toluene-d8 (78-121%)</i>	94 %					05/26/06 06:34	SW846 8260B	6055082
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	95 %					05/26/06 06:34	SW846 8260B	6055082
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	666		ug/L	50.0	1	05/26/06 06:34	DA LUFT GC/MS	6055082
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	203		ug/L	49.5	1	05/22/06 17:45	SW846 8015B	6054110
<i>Surr: o-Terphenyl (55-150%)</i>	72 %					05/22/06 17:45	SW846 8015B	6054110
Sample ID: NPE2770-02 (S-2 - Water) Sampled: 05/15/06 10:40								
General Chemistry Parameters								
Total Dissolved Solids	700		mg/L	100	1	05/20/06 20:31	EPA 160.1	6054075
Total Metals by EPA Method 6010B								
Iron	10.0		mg/L	0.0500	1	05/24/06 12:26	SW846 6010B	6054431
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	137		ug/L	0.500	1	05/26/06 07:01	SW846 8260B	6055082
Ethylbenzene	1.09		ug/L	0.500	1	05/26/06 07:01	SW846 8260B	6055082
Methyl tert-Butyl Ether	129		ug/L	0.500	1	05/26/06 07:01	SW846 8260B	6055082
Toluene	1.48		ug/L	0.500	1	05/26/06 07:01	SW846 8260B	6055082
Xylenes, total	ND		ug/L	0.500	1	05/26/06 07:01	SW846 8260B	6055082
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	103 %					05/26/06 07:01	SW846 8260B	6055082
<i>Surr: Dibromofluoromethane (79-122%)</i>	97 %					05/26/06 07:01	SW846 8260B	6055082
<i>Surr: Toluene-d8 (78-121%)</i>	96 %					05/26/06 07:01	SW846 8260B	6055082
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	98 %					05/26/06 07:01	SW846 8260B	6055082
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	6610		ug/L	50.0	1	05/26/06 07:01	DA LUFT GC/MS	6055082
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	948		ug/L	49.5	1	05/22/06 18:02	SW846 8015B	6054110
<i>Surr: o-Terphenyl (55-150%)</i>	74 %					05/22/06 18:02	SW846 8015B	6054110

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

Work Order: NPE2770
 Project Name: 9 Orinda Way, Orinda, CA
 Project Number: SAP 135716
 Received: 05/18/06 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE2770-03 (S-3 - Water) Sampled: 05/15/06 09:10								
General Chemistry Parameters								
Total Dissolved Solids	730		mg/L	100	1	05/20/06 20:31	EPA 160.1	6054075
Total Metals by EPA Method 6010B								
Iron	6.22		mg/L	0.0500	1	05/24/06 12:31	SW846 6010B	6054431
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	05/26/06 07:29	SW846 8260B	6055082
Ethylbenzene	ND		ug/L	0.500	1	05/26/06 07:29	SW846 8260B	6055082
Methyl tert-Butyl Ether	64.0		ug/L	0.500	1	05/26/06 07:29	SW846 8260B	6055082
Toluene	ND		ug/L	0.500	1	05/26/06 07:29	SW846 8260B	6055082
Xylenes, total	ND		ug/L	0.500	1	05/26/06 07:29	SW846 8260B	6055082
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	107 %					05/26/06 07:29	SW846 8260B	6055082
<i>Surr: Dibromofluoromethane (79-122%)</i>	99 %					05/26/06 07:29	SW846 8260B	6055082
<i>Surr: Toluene-d8 (78-121%)</i>	92 %					05/26/06 07:29	SW846 8260B	6055082
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	98 %					05/26/06 07:29	SW846 8260B	6055082
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	05/26/06 07:29	CA LUFT GC/MS	6055082
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	88.6		ug/L	49.5	1	05/22/06 18:18	SW846 8015B	6054110
<i>Surr: o-Terphenyl (55-150%)</i>	77 %					05/22/06 18:18	SW846 8015B	6054110

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

Work Order: NPE2770
 Project Name: 9 Orinda Way, Orinda, CA
 Project Number: SAP 135716
 Received: 05/18/06 07:55

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	6054110	NPE2770-01	1010.00	1.00	05/20/06 10:30	DRH	EPA 3510C
SW846 8015B	6054110	NPE2770-02	1010.00	1.00	05/20/06 10:30	DRH	EPA 3510C
SW846 8015B	6054110	NPE2770-03	1010.00	1.00	05/20/06 10:30	DRH	EPA 3510C
Total Metals by EPA Method 6010B							
SW846 6010B	6054431	NPE2770-01	50.00	50.00	05/22/06 13:20	AMB	EPA 3010A
SW846 6010B	6054431	NPE2770-02	50.00	50.00	05/22/06 13:20	AMB	EPA 3010A
SW846 6010B	6054431	NPE2770-03	50.00	50.00	05/22/06 13:20	AMB	EPA 3010A

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

Work Order: NPE2770
 Project Name: 9 Orinda Way, Orinda, CA
 Project Number: SAP 135716
 Received: 05/18/06 07:55

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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General Chemistry Parameters

6054075-BLK1

Total Dissolved Solids	<5.00		mg/L	6054075	6054075-BLK1	05/20/06 20:31
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Total Metals by EPA Method 6010B

6054431-BLK1

Iron	<0.0320		mg/L	6054431	6054431-BLK1	05/24/06 11:50
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Selected Volatile Organic Compounds by EPA Method 8260B

6055082-BLK1

Benzene	<0.200		ug/L	6055082	6055082-BLK1	05/26/06 01:30
Ethylbenzene	<0.200		ug/L	6055082	6055082-BLK1	05/26/06 01:30
Methyl tert-Butyl Ether	<0.200		ug/L	6055082	6055082-BLK1	05/26/06 01:30
Toluene	<0.200		ug/L	6055082	6055082-BLK1	05/26/06 01:30
Xylenes, total	<0.350		ug/L	6055082	6055082-BLK1	05/26/06 01:30
Surrogate: 1,2-Dichloroethane-d4	107%			6055082	6055082-BLK1	05/26/06 01:30
Surrogate: Dibromofluoromethane	98%			6055082	6055082-BLK1	05/26/06 01:30
Surrogate: Toluene-d8	95%			6055082	6055082-BLK1	05/26/06 01:30
Surrogate: 4-Bromofluorobenzene	95%			6055082	6055082-BLK1	05/26/06 01:30

Purgeable Petroleum Hydrocarbons

6055082-BLK1

Gasoline Range Organics	<50.0		ug/L	6055082	6055082-BLK1	05/26/06 01:30
Surrogate: 1,2-Dichloroethane-d4	107%			6055082	6055082-BLK1	05/26/06 01:30
Surrogate: Dibromofluoromethane	98%			6055082	6055082-BLK1	05/26/06 01:30
Surrogate: Toluene-d8	95%			6055082	6055082-BLK1	05/26/06 01:30
Surrogate: 4-Bromofluorobenzene	95%			6055082	6055082-BLK1	05/26/06 01:30

Extractable Petroleum Hydrocarbons with Silica Gel Treatment

6054110-BLK2

Diesel	33.3		ug/L	6054110	6054110-BLK2	05/24/06 09:07
Surrogate: o-Terphenyl	112%			6054110	6054110-BLK2	05/24/06 09:07

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

Work Order: NPE2770
 Project Name: 9 Orinda Way, Orinda, CA
 Project Number: SAP 135716
 Received: 05/18/06 07:55

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
6054075-DUP1									
Total Dissolved Solids	530	555		mg/L	5	20	6054075	NPE2708-01	05/20/06 20:31

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

Work Order: NPE2770
 Project Name: 9 Orinda Way, Orinda, CA
 Project Number: SAP 135716
 Received: 05/18/06 07:55

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
6054075-BS1								
Total Dissolved Solids	100	95.0		ug/mL	95%	90 - 110	6054075	05/20/06 20:31
Total Metals by EPA Method 6010B								
6054431-BS1								
Iron	1.00	0.967		mg/L	97%	80 - 120	6054431	05/24/06 11:55
Selected Volatile Organic Compounds by EPA Method 8260B								
6055082-BS1								
Benzene	50.0	52.6		ug/L	105%	79 - 123	6055082	05/26/06 00:34
Ethylbenzene	50.0	54.4		ug/L	109%	79 - 125	6055082	05/26/06 00:34
Methyl tert-Butyl Ether	50.0	55.8		ug/L	112%	66 - 142	6055082	05/26/06 00:34
Toluene	50.0	53.8		ug/L	108%	78 - 122	6055082	05/26/06 00:34
Xylenes, total	150	155		ug/L	103%	79 - 130	6055082	05/26/06 00:34
Surrogate: 1,2-Dichloroethane-d4	50.0	49.4			99%	70 - 130	6055082	05/26/06 00:34
Surrogate: Dibromofluoromethane	50.0	49.6			99%	79 - 122	6055082	05/26/06 00:34
Surrogate: Toluene-d8	50.0	48.8			98%	78 - 121	6055082	05/26/06 00:34
Surrogate: 4-Bromofluorobenzene	50.0	44.2			88%	78 - 126	6055082	05/26/06 00:34
Purgeable Petroleum Hydrocarbons								
6055082-BS1								
Gasoline Range Organics	3050	2790		ug/L	91%	67 - 130	6055082	05/26/06 00:34
Surrogate: 1,2-Dichloroethane-d4	50.0	49.4			99%	70 - 130	6055082	05/26/06 00:34
Surrogate: Dibromofluoromethane	50.0	49.6			99%	70 - 130	6055082	05/26/06 00:34
Surrogate: Toluene-d8	50.0	48.8			98%	70 - 130	6055082	05/26/06 00:34
Surrogate: 4-Bromofluorobenzene	50.0	44.2			88%	70 - 130	6055082	05/26/06 00:34
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
6054110-BS1								
Diesel	1000	815		ug/L	82%	49 - 118	6054110	05/22/06 17:29
Surrogate: o-Terphenyl	20.0	16.4			82%	55 - 150	6054110	05/22/06 17:29

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

Work Order: NPE2770
 Project Name: 9 Orinda Way, Orinda, CA
 Project Number: SAP 135716
 Received: 05/18/06 07:55

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
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General Chemistry Parameters

6054075-BSD1

Total Dissolved Solids		106		ug/mL	100	106%	90 - 110	11	20	6054075		05/20/06 20:31
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Client Cambria Env. Tech. (Sonoma) / SHELL (13674)
 270 Perkins Street
 Sonoma, CA 95476
 Attn Dennis Baertschi

Work Order: NPE2770
 Project Name: 9 Orinda Way, Orinda, CA
 Project Number: SAP 135716
 Received: 05/18/06 07:55

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 6010B										
6054431-MS1										
Iron	0.358	1.35		mg/L	1.00	99%	75 - 125	6054431	NPE2831-05	05/24/06 13:41
Selected Volatile Organic Compounds by EPA Method 8260B										
6055082-MS1										
Benzene	ND	53.3		ug/L	50.0	107%	71 - 137	6055082	NPE2770-01	05/26/06 11:10
Ethylbenzene	ND	54.0		ug/L	50.0	108%	72 - 139	6055082	NPE2770-01	05/26/06 11:10
Methyl tert-Butyl Ether	8.63	70.0		ug/L	50.0	123%	55 - 152	6055082	NPE2770-01	05/26/06 11:10
Toluene	ND	52.2		ug/L	50.0	104%	73 - 133	6055082	NPE2770-01	05/26/06 11:10
Xylenes, total	ND	152		ug/L	150	101%	70 - 143	6055082	NPE2770-01	05/26/06 11:10
<i>Surrogate: 1,2-Dichloroethane-d4</i>		51.1		ug/L	50.0	102%	70 - 130	6055082	NPE2770-01	05/26/06 11:10
<i>Surrogate: Dibromofluoromethane</i>		47.8		ug/L	50.0	96%	79 - 122	6055082	NPE2770-01	05/26/06 11:10
<i>Surrogate: Toluene-d8</i>		47.4		ug/L	50.0	95%	78 - 121	6055082	NPE2770-01	05/26/06 11:10
<i>Surrogate: 4-Bromofluorobenzene</i>		43.6		ug/L	50.0	87%	78 - 126	6055082	NPE2770-01	05/26/06 11:10
Purgeable Petroleum Hydrocarbons										
6055082-MS1										
Gasoline Range Organics	666	3130		ug/L	3050	81%	60 - 140	6055082	NPE2770-01	05/26/06 11:10
<i>Surrogate: 1,2-Dichloroethane-d4</i>		51.1		ug/L	50.0	102%	0 - 200	6055082	NPE2770-01	05/26/06 11:10
<i>Surrogate: Dibromofluoromethane</i>		47.8		ug/L	50.0	96%	0 - 200	6055082	NPE2770-01	05/26/06 11:10
<i>Surrogate: Toluene-d8</i>		47.4		ug/L	50.0	95%	0 - 200	6055082	NPE2770-01	05/26/06 11:10
<i>Surrogate: 4-Bromofluorobenzene</i>		43.6		ug/L	50.0	87%	0 - 200	6055082	NPE2770-01	05/26/06 11:10

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

Work Order: NPE2770
 Project Name: 9 Orinda Way, Orinda, CA
 Project Number: SAP 135716
 Received: 05/18/06 07:55

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
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Total Metals by EPA Method 6010B

6054431-MSD1

Iron	0.358	1.35		mg/L	1.00	99%	75 - 125	0	20	6054431	NPE2831-05	05/24/06 13:46
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Selected Volatile Organic Compounds by EPA Method 8260B

6055082-MSD1

Benzene	ND	54.2		ug/L	50.0	108%	71 - 137	2	23	6055082	NPE2770-01	05/26/06 11:38
Ethylbenzene	ND	55.0		ug/L	50.0	110%	72 - 139	2	23	6055082	NPE2770-01	05/26/06 11:38
Methyl tert-Butyl Ether	8.63	73.8		ug/L	50.0	130%	55 - 152	5	27	6055082	NPE2770-01	05/26/06 11:38
Toluene	ND	52.9		ug/L	50.0	106%	73 - 133	1	25	6055082	NPE2770-01	05/26/06 11:38
Xylenes, total	ND	154		ug/L	150	103%	70 - 143	1	27	6055082	NPE2770-01	05/26/06 11:38
<i>Surrogate: 1,2-Dichloroethane-d4</i>		50.0		ug/L	50.0	100%	70 - 130			6055082	NPE2770-01	05/26/06 11:38
<i>Surrogate: Dibromofluoromethane</i>		47.5		ug/L	50.0	95%	79 - 122			6055082	NPE2770-01	05/26/06 11:38
<i>Surrogate: Toluene-d8</i>		47.5		ug/L	50.0	95%	78 - 121			6055082	NPE2770-01	05/26/06 11:38
<i>Surrogate: 4-Bromofluorobenzene</i>		44.3		ug/L	50.0	89%	78 - 126			6055082	NPE2770-01	05/26/06 11:38

Purgeable Petroleum Hydrocarbons

6055082-MSD1

Gasoline Range Organics	666	3210		ug/L	3050	83%	60 - 140	3	40	6055082	NPE2770-01	05/26/06 11:38
<i>Surrogate: 1,2-Dichloroethane-d4</i>		50.0		ug/L	50.0	100%	0 - 200			6055082	NPE2770-01	05/26/06 11:38
<i>Surrogate: Dibromofluoromethane</i>		47.5		ug/L	50.0	95%	0 - 200			6055082	NPE2770-01	05/26/06 11:38
<i>Surrogate: Toluene-d8</i>		47.5		ug/L	50.0	95%	0 - 200			6055082	NPE2770-01	05/26/06 11:38
<i>Surrogate: 4-Bromofluorobenzene</i>		44.3		ug/L	50.0	89%	0 - 200			6055082	NPE2770-01	05/26/06 11:38

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

Work Order: NPE2770
 Project Name: 9 Orinda Way, Orinda, CA
 Project Number: SAP 135716
 Received: 05/18/06 07:55

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Water			X
EPA 160.1	Water	N/A	X	X
NA	Water			
SW846 8015B	Water			
SW846 6010B	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

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

Work Order: NPE2770
Project Name: 9 Orinda Way, Orinda, CA
Project Number: SAP 135716
Received: 05/18/06 07:55

NELAC CERTIFICATION SUMMARY

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

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

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

Work Order: NPE2770
Project Name: 9 Orinda Way, Orinda, CA
Project Number: SAP 135716
Received: 05/18/06 07:55

DATA QUALIFIERS AND DEFINITIONS

Z10 Surrogate outside laboratory historical limits but within method guidelines. No effect on data.

METHOD MODIFICATION NOTES

Nashville Division
COOLER RECEIPT FORM



BC#

NPE2770

Cooler Received/Opened On: May 18, 2006 @ 07:55

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 7900

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

2. Temperature of representative sample or temperature blank when opened: 2.2 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Nashville Division
COOLER RECEIPT FORM

BC#

Cooler Received/Opened On: May 18, 2006 @ 07:55

1. Indicate the Airbill Tracking Number (last 4 digits for FedEx only) and Name of Courier below: 843 8043

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

2. Temperature of representative sample or temperature blank when opened: -0.2 Degrees Celsius (indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

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

a. If yes, how many and where: 2 - TOP

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

06/01/06 23:59

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

Shell Project Manager to be invoiced:

- ENVIRONMENTAL SERVICES
- TECHNICAL SERVICES
- CRMP HOUSTON

Denis Brown

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

INCIDENT NUMBER (ES ONLY)

9 8 9 9 5 7 7 4

SAP or CRMT NUMBER (TS/CRMT)

DATE: 5/15/06

PAGE: 1 of 1

SAMPLING COMPANY:
Blaine Tech Services

LOG CODE:
BTSS

SITE ADDRESS: Street and City
9 Orinda Way, Orinda

State
CA

GLOBAL ID NO.:
T0601300707

ADDRESS:
1680 Rogers Avenue, San Jose, CA 95112

EDF DELIVERABLE & ADDITIONAL PDF REPORT TO (Responsible Party or Designee)

PHONE NO.:

E-MAIL:

CONSULTANT PROJECT NO.:

PROJECT CONTACT (Hardcopy or PDF Report to):

Dennis Baertschi, Cambria, Eureka

(707) 268-3813

sonomaedf@cambria-env.com

BTS #

060515-207

Michael Ninokata

SAMPLER NAME(S) (Print):

LAB USE ONLY

TELEPHONE:
408-573-0555

FAX:
408-573-7771

E-MAIL:
mminokata@blainetech.com

Will Crow / DENNIS MANKOWSKI

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS):

RESULTS NEEDED

STD 5 DAY 3 DAY 2 DAY 24 HOURS

ON WEEKEND

REQUESTED ANALYSIS

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

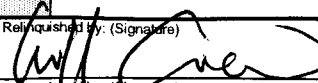
RECEIPT VERIFICATION REQUESTED

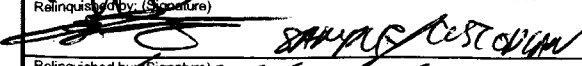
FIELD NOTES:

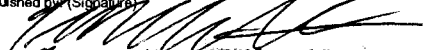
Container/Preservative
or PID Readings
or Laboratory Notes

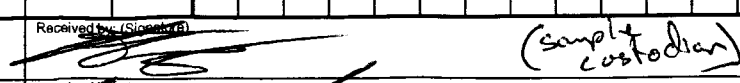
TEMPERATURE ON RECEIPT C°

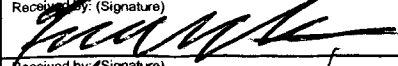
LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TDS (100.1)	Total Iron (6010B)	FIELD NOTES	
	DATE	TIME																					
	NS-1	5/15/06	1100	H ₂ O	7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	NPE2770-01
	NS-2	↓	1040	↓	↓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	↓ 2
	NS-3	↓	0910	↓	↓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	↓ 3

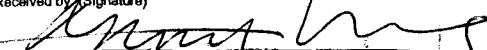
Relinquished by: (Signature) 

Relinquished by: (Signature) 

Relinquished by: (Signature) 

Received by: (Signature)  (sample custodian)

Received by: (Signature) 

Received by: (Signature) 

Date: 5/15/06

Date: 5/16/06

Date: 5/16/06

Time: 1705

Time: 1525

Time: 1610

WELLHEAD INSPECTION CHECKLIST

Client Shell Date 5/15/06
 Site Address 9 Orinda Way, Orinda
 Job Number 060515-WC-1 Technician Will

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									
S-2	X									
S-3				X						

NOTES: _____

SITE INSPECTION CHECKLIST

Client Shell Date 3-23-06
 Site Address 9 Orinda Way
 Job Number 060323AA2 Technician Andrew Adinolfi
 Site Status Shell Branded Station Vacant Lot Other _____

- Inspected / Labeled / Cleaned - All Wells on Scope Of Work
- Inspected / Cleaned Components - All Other Identifiable Wells (N/A)
- Inspected Site for Investigation Related Trip Hazards
- Addressed All Outstanding Wellhead Repair Order(s) N/A
- Completed Repair Data Sheets(s) N/A
- Inspected Treatment / Remediation System Compound For Security, Cleanliness and Appearance (N/A)
- Inspected Vacant Lot for Signs of Habitation, Hazardous Materials or Terrain, Overgrown Vegetation and Security (N/A)

PLEASE BE ADVISED THAT, UNLESS OTHERWISE INSTRUCTED, NO REPAIRS ARE PLANNED FOR THE ISSUES DESCRIBED BELOW

Outstanding Problems / Comments	(In addition to other issues, note all SOW wellboxes that, by design, are not securable)
1 drum labeled Gasoline Mixture on site	consultant Debbie Watt (408) 971-8445

PROJECT COORDINATOR ONLY

Checklist Reviewed	<u>3/23</u> <small>Initial/Date</small>	Notes
---------------------------	--	--------------

Repair Data Sheet

Client Shell Date 3-23-06

Site Address 9 Orinda Way, Orinda


Job Number 060323A12 Technician Andrew Adinolfi

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency										Deficiency Logged on Repair Order	Deficiency Remains Uncorrected/Logged on Site Inspection Checklist	Partial Repair Completed/Outstanding Deficiency Logged on Repair Order	All Repairs Completed
					Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency				
S-1		XX																X
Notes: <u>Tag well</u>																		
<u>Replaced with modified cap to seal casing</u>																		
S-2																		X
Notes: <u>Tag well</u>																		
S-3																		X
Notes: <u>Tag well</u>																		
Notes:																		
Notes:																		
Notes:																		

WELL GAUGING DATA

Project # 060515-WC-1 Date 5/15/05 Client Shell

Site 9 Orinda Way, Orinda

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-1	3					25.95	52.15	
S-2	2					17.50	27.73	
S-3	2					24.58	32.39	

SHELL WELL MONITORING DATA SHEET

BTS #: <u>060515-WC-1</u>	Site: <u>9 Orinda Way, Orinda</u>
Sampler: <u>WL 10M</u>	Date: <u>5/15/08</u>
Well I.D.: <u>S-1</u>	Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/>
Total Well Depth (TD): <u>52.15</u>	Depth to Water (DTW): <u>25.95</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>AVC</u> Grade	D.O. Meter (if req'd): YSI <input type="checkbox"/> HACH <input type="checkbox"/>
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>31.19</u>	

Purge Method: Bailer	Watera	Sampling Method: <input checked="" type="radio"/> Bailer
Disposable Bailer	Peristaltic	Disposable Bailer
<input checked="" type="radio"/> Positive Air Displacement	Extraction Pump	Extraction Port
Electric Submersible	Other: _____	Dedicated Tubing
		Other: _____

$\underline{9.7} \text{ (Gals.)} \times \underline{3} = \underline{29.1} \text{ Gals.}$ 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
0950	66.4	6.9	1294	36	9.7	clean/odor
1002	65.9	6.8	1304	29	19.4	
1014	65.5	6.8	1283	33	29.1	↓ DTW = 41.45

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>29.1</u>
Sampling Date: <u>5/15/08</u> Sampling Time: <u>1100</u>	Depth to Water: <u>35.68'</u>
Sample I.D.: <u>S-1</u>	Laboratory: STL Other <u>TA</u>
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: <u>705 & Total Iron</u>
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 #: <u>060515-WC-1</u>	Site: <u>9 Orinda Way, Orinda</u>
Sampler: <u>WC/DM</u>	Date: <u>5/15/06</u>
Well I.D.: <u>S-2</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth (TD): <u>27.73</u>	Depth to Water (DTW): <u>17.50</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> MC <input type="checkbox"/> Grade	D.O. Meter (if req'd): <input type="checkbox"/> YSI <input type="checkbox"/> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>19.55</u>	

Purge Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible	<input type="checkbox"/> Waterra <input type="checkbox"/> Peristaltic <input type="checkbox"/> Extraction Pump <input type="checkbox"/> Other _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port <input type="checkbox"/> Dedicated Tubing Other: _____
---	--	--

$\underline{1.6} \text{ (Gals.)} \times \underline{3} = \underline{4.8} \text{ Gals.}$ I Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1024</u>	<u>67.4</u>	<u>6.8</u>	<u>1088</u>	<u>340</u>	<u>1.6</u>	<u>cloudy / odor</u>
<u>1027</u>	<u>67.5</u>	<u>6.7</u>	<u>1082</u>	<u>428</u>	<u>3.2</u>	↓
<u>1030</u>	<u>67.9</u>	<u>6.7</u>	<u>1077</u>	<u>812</u>	<u>4.8</u>	↓

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: <u>4.8</u>
Sampling Date: <u>5/15/06</u> Sampling Time: <u>1040</u> Depth to Water: <u>18.56</u>	
Sample I.D.: <u>S-2</u> Laboratory: <u>STL</u> Other: <u>TA</u>	
Analyzed for: <input checked="" type="checkbox"/> TPH-G <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE <input checked="" type="checkbox"/> TPH-D Other: <u>TDS & Total Iron</u>	
EB I.D. (if applicable): _____ @ _____ Time Duplicate I.D. (if applicable): _____	
Analyzed for: <input type="checkbox"/> TPH-G <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> 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 #: <u>060515-WC-1</u>	Site: <u>9 Aranda Way, Aranda</u>
Sampler: <u>WEL/DM</u>	Date: <u>5/15/06</u>
Well I.D.: <u>S-3</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth (TD): <u>32.39</u>	Depth to Water (DTW): <u>29.58</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>30.14</u>	

Purge Method: <input checked="" type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible	Waterra <input type="checkbox"/> Peristaltic <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input checked="" type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port <input type="checkbox"/> Dedicated Tubing Other: _____
--	---	---

$0.5 \text{ (Gals.)} \times 3 = 1.5 \text{ Gals.}$ 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0858	63.2	6.5	1107	59	0.5	clear
0900	61.4	6.55	1087	65	1.0	
0902	61.6	6.6	1090	50	1.5	↓

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>30.04 1.5</u>	
Sampling Date: <u>5/15/06</u>	Sampling Time: <u>0910</u>	Depth to Water: <u>30.04</u>
Sample I.D.: <u>S-3</u>	Laboratory: STL	Other: <u>TK</u>
Analyzed for: <input checked="" type="checkbox"/> TPH-G <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE <input checked="" type="checkbox"/> TPH-D	Other: <u>TDS & Total Iron</u>	
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	