



R0428 G

Denis L. Brown

September 29, 2005

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

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

Re: Groundwater Monitoring Report -Third Quarter 2005 and Extension Request
Former Shell Service Station
350 Grand Avenue
Oakland, California
SAP Code 135698
Incident No. 98995755

Dear Mr. Wickham:

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

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

Sincerely,

Denis L. Brown
Project Manager

Alameda County
OCT 03 2005
Environmental Health

C A M B R I A

September 29, 2005

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 2005
And Extension Request**
Shell-branded Service Station
350 Grand Avenue
Oakland, California
SAP Code 135698
Incident No. 98995755



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.

Environmental Health
Alameda County
OCT 03 2005

THIRD QUARTER 2005 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged all site wells, sampled selected wells, 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.

Site Investigation Activities: Field work was completed on September 20 and 21, 2005 and receipt of laboratory results is anticipated by October 7, 2005.

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

ANTICIPATED FOURTH QUARTER 2005 ACTIVITIES

Groundwater Monitoring Activities: Blaine will gauge all site wells, sample selected wells, and tabulate the data. Cambria will prepare a groundwater monitoring report for submittal by November 15, 2005.

Site Investigation: Given the time necessary for preparing the document and allowing for internal reviews at Cambria and Shell, we respectfully request an extension for submittal of the technical report from November 8, 2005 to December 2, 2005.



HISTORICAL REMEDIATION SUMMARY

Groundwater Remediation: Cambria initiated mobile groundwater extraction (GWE) using a vacuum truck at the site in October 2002 and continued until January 2004. The cumulative estimated volume of water removed from the site through GWE is 54,679 gallons. This volume of water corresponds to the removal of approximately 2.56 pounds of MTBE.

2001 Dual-Phase Vapor Extraction (DVE) Pilot Test: In June 2001, Cambria conducted an 8-hour DVE pilot test on groundwater monitoring well S-2. Approximately 50 gallons of groundwater were extracted during the 8-hour test. Estimated mass removal through groundwater extraction of TPHg, benzene, and MTBE was 0.008 pounds, 0.0004 pounds, and 0.009 pounds, respectively. Estimated mass removal through vapor extraction of TPHg, benzene, and MTBE was 2.44 pounds, 0.002 pounds, and 0.005 pounds, respectively.

2003 Interim Remediation: In an attempt to reduce gasoline constituent concentrations localized at well S-2, Cambria conducted dual-phase extraction (DPE) from groundwater monitoring well S-2 between September 16 and September 18, 2003. Approximately 35 gallons of groundwater were extracted during approximately 50 hours of DPE from S-2. Estimated mass removal through groundwater extraction is considered negligible. Cambria also conducted soil vapor extraction (SVE) from tank backfill well T-1 on September 18, 2003 in an effort to maximize mass removal and gain additional information about the site. Estimated mass removal from the site through vapor extraction of TPHg, benzene, and MTBE was 0.152 pounds, 0.0009 pounds, and 0.0042 pounds, respectively.

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.



Martha Murphy
Staff Geologist



Ana Friel
Senior Project Geologist
PG 6452



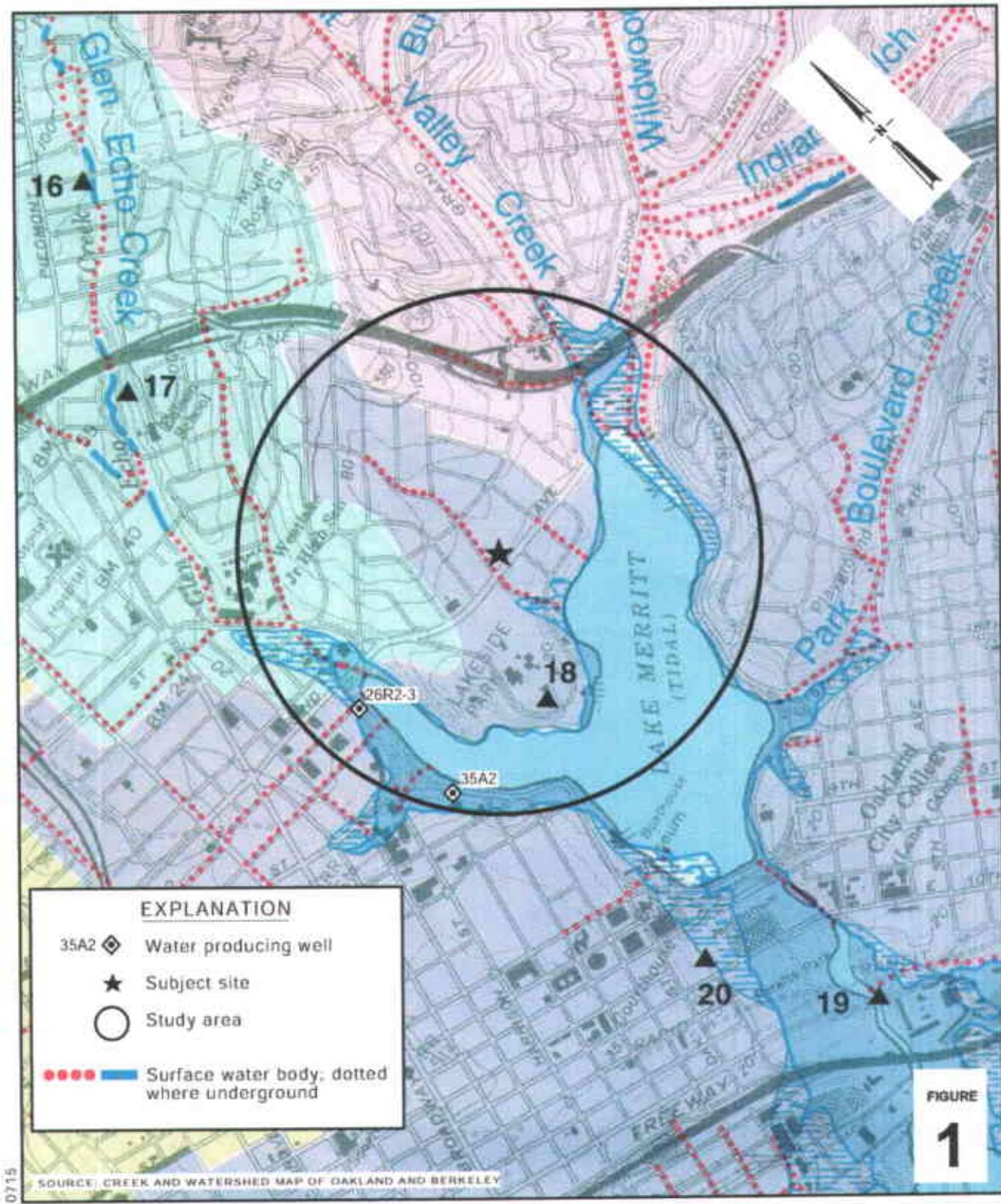
Attachments:

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
Gursharnjeet Cheema, 1060 St. Raphael Drive, Bay Point, CA 94565



Shell-branded Service Station
350 Grand Avenue
Oakland, California

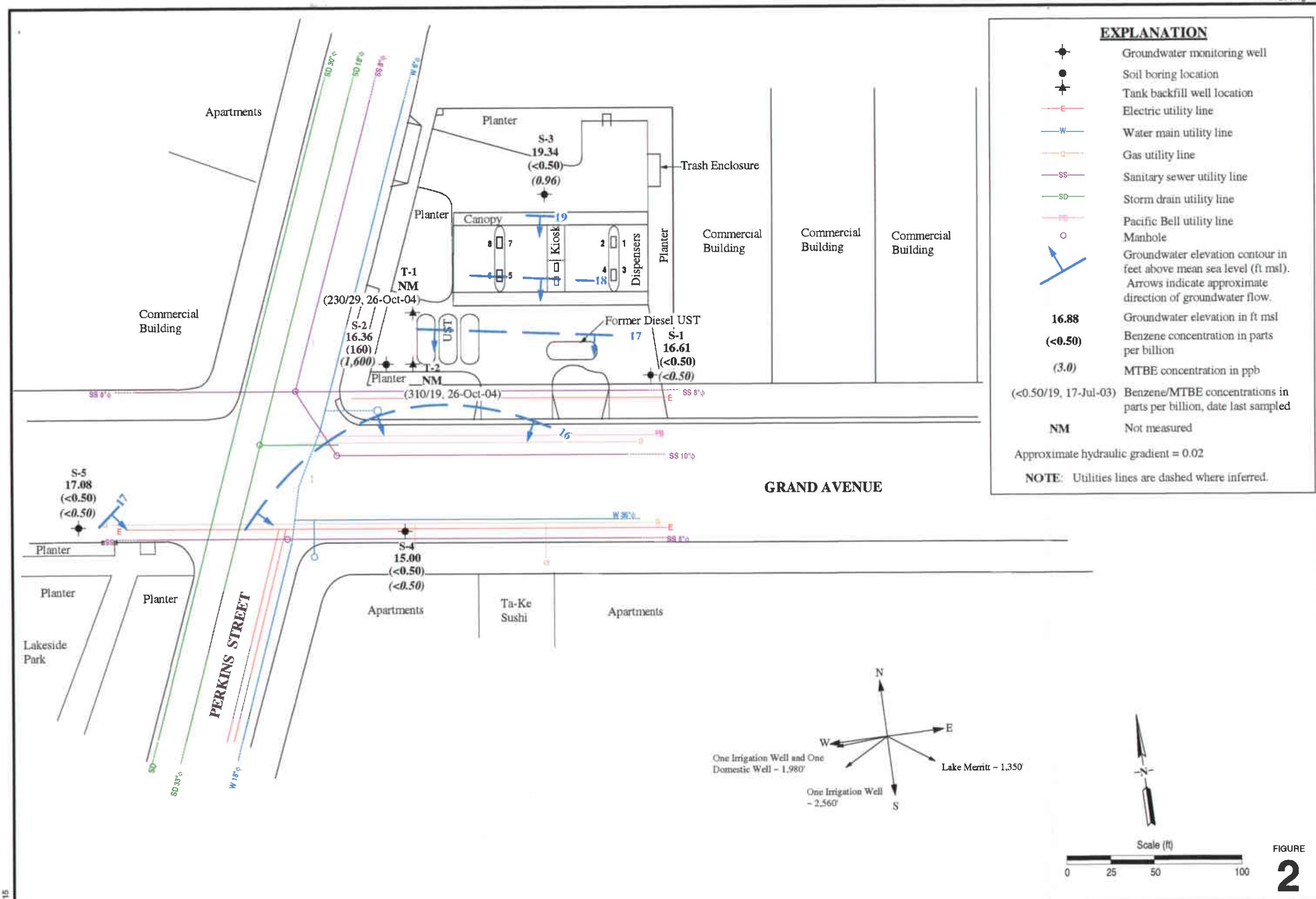


C A M B R I A

Vicinity/Area Well Survey Map

Groundwater Contour/Chemical Concentration Map

CAMBRIA



Shell-branded Service Station

350 Grand Avenue
Oakland, California

Appendix A

Blaine Tech Services, Inc. Groundwater Monitoring Report

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

August 18, 2005

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

Third Quarter 2005 Groundwater Monitoring at
Shell-branded Service Station
350 Grand Avenue
Oakland, CA

Monitoring performed on August 1, 2005

Groundwater Monitoring Report 050801-SS-1

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

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

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

SAN JOSE

1610 RODGERS AVENUE SAN JOSE, CA 95112-1106

SACRAMENTO

(408) 573-0666

LOS ANGELES

FAX (408) 573-7771 I.D.C. 746684

SAN DIEGO

www.blainetech.com

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,

Leon Gearhart
Project Coordinator

LG/ks

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

cc: Ana Friel
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	260d	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	53c	<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	53c	<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 i	<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 i	<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-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	20,000b	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	30,000b	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	32,000b	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	36,000b	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	21,000d	12,000b	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	3,700e	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	4,500e	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	9,400e	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	8,400e	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	8,900e	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	18,000e	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	14,000e	3,700	210	2,100	1,600	NA	NA	NA	NA	NA	NA	21.24	9.36	11.88	NA
S-2	01/07/1994	120,000	22,000e	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	17,000e	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

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 (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
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

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	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-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

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-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	110d	<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	
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	<0.50	0.92	120	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	<0.500	39.3	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	<0.500	12.0	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	<0.500	<5.00	NA	NA	NA	NA	NA	22.71	6.54	16.17	1.7

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-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
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-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

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	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
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

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	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-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	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
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	NA	22.27	NA	NA	NA
S-5	07/09/2001	Well inaccessible	NA	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

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	07/02/2004	<50	140	<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
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	<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	<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	<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	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	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	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	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	<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	<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	<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

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-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

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 hydrocarbon.
 - 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.
 - 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.

Blaine Tech Services, Inc.

August 18, 2005

1680 Rogers Avenue
San Jose, CA 95112-1105
Attn.: Leon Gearhart
Project#: 050801-SS1
Project: 98995755
Site: 350 Grand Ave., Oakland

Dear Mr. Gearhart,

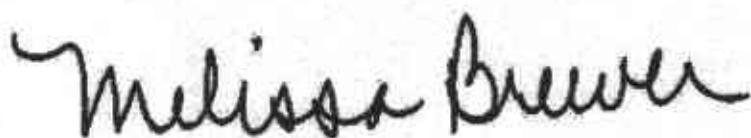
Attached is our report for your samples received on 08/02/2005 14:30
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
09/16/2005 unless you have requested otherwise.

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

You can also contact me via email. My email address is: mbrewer@stl-inc.com

Sincerely,



Melissa Brewer
Project Manager

Diesel (C9-C24)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
S-1	08/01/2005 11:20	Water	1
S-2	08/01/2005 11:10	Water	2
S-3	08/01/2005 11:30	Water	3
S-4	08/01/2005 10:00	Water	4
S-5	08/01/2005 09:35	Water	5

Diesel (C9-C24)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Prep(s):	3511	Test(s):	8015M
Sample ID:	S-1	Lab ID:	2005-08-0072 -1
Sampled:	08/01/2005 11:20	Extracted:	8/9/2005 14:12
Matrix:	Water	QC Batch#:	2005/08/09-06.10
Compound		Conc.	RL
Diesel	ND	50	ug/L
Surrogate(s)			
o-Terphenyl	98.2	64-127	%
Dilution			Analyzed
1.00			08/13/2005 09:01
Flag			

Diesel (C9-C24)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Prep(s):	3511	Test(s):	8015M
Sample ID:	S-2	Lab ID:	2005-08-0072 - 2
Sampled:	08/01/2005 11:10	Extracted:	8/9/2005 14:12
Matrix:	Water	QC Batch#:	2005/08/09-06-10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3200	50	ug/L	1.00	08/13/2005 08:34	edr
Surrogate(s) o-Terphenyl	95.3	64-127	%	1.00	08/13/2005 08:34	

Diesel (C9-C24)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Prep(s):	3511	Test(s):	8015M
Sample ID:	S-3	Lab ID:	2005-08-0072 - 3
Sampled:	08/01/2005 11:30	Extracted:	8/9/2005 14:12
Matrix:	Water	QC Batch#:	2005/08/09-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	08/13/2005 08:06	
Surrogate(s)						
o-Terphenyl	92.7	64-127	%	1.00	08/13/2005 08:06	

Diesel (C9-C24)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Prep(s):	3511	Test(s):	8016M
Sample ID:	S-4	Lab ID:	2005-08-0072 - 4
Sampled:	08/01/2005 10:00	Extracted:	8/9/2005 14:12
Matrix:	Water	QC Batch#:	2005/08/09-06:10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	08/13/2005 07:39	
Surrogate(s) o-Terphenyl	103.0	64-127	%	1.00	08/13/2005 07:39	

Diesel (C9-C24)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Prep(s):	3511	Test(s):	8015M
Sample ID:	S-5	Lab ID:	2005-08-0072 -5
Sampled:	08/01/2005 09:35	Extracted:	8/9/2005 14:12
Matrix:	Water	QC Batch#:	2005/08/09-06:10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	08/13/2005 07:12	
Surrogate(s) o-Terphenyl	94.2	64-127	%	1.00	08/13/2005 07:12	

Diesel (C9-C24)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report

Prep(s): 3511

Test(s): 8015M

Method Blank

Water

QC Batch # 2005/08/09-06.10

MB: 2005/08/09-06.10-001

Date Extracted: 08/09/2005 14:12

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	08/11/2005 14:22	
Surrogates(s) o-Terphenyl	105.8	64-127	%	08/11/2005 14:22	

Diesel (C9-C24)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report										
Prep(s): 3511				Test(s): 8015M						
Laboratory Control Spike				Water				QC Batch # 2005/08/09-06:10		
LCS	2005/08/09-06:10-002				Extracted: 08/09/2005				Analyzed: 08/12/2005 12:55	
LCSD	2005/08/09-06:10-003				Extracted: 08/09/2005				Analyzed: 08/12/2005 15:14	
Compound	Conc. ug/L		Exp.Conc. ug/L		Recovery %		RPD	Ctrl.Limits %		Flags
	LCS	LCSD	LCS	LCSD	%	Rec.	RPD	LCS	LCSD	
Diesel	501	483	680	73.7	71.0	3.7	60-150	25		
Surrogates(s)										
o-Terphenyl	1.16	1.12	1.25	93.2	89.2		64-127	0		

Diesel (C9-C24)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Legend and Notes

Result Flag

edr

Hydrocarbon reported is in the early Diesel range, and does not
match our Diesel standard

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
S-1	08/01/2005 11:20	Water	1
S-2	08/01/2005 11:10	Water	2
S-3	08/01/2005 11:30	Water	3
S-4	08/01/2005 10:00	Water	4
S-5	08/01/2005 09:35	Water	5

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-1	Lab ID:	2005-08-0072 - 1
Sampled:	08/01/2005 11:20	Extracted:	8/12/2005 09:47
Matrix:	Water	QC Batch#:	2005/08/12-1A.62
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	08/12/2005 09:47	
Benzene	ND	0.50	ug/L	1.00	08/12/2005 09:47	
Toluene	ND	0.50	ug/L	1.00	08/12/2005 09:47	
Ethylbenzene	ND	0.50	ug/L	1.00	08/12/2005 09:47	
Total xylenes	ND	1.0	ug/L	1.00	08/12/2005 09:47	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	08/12/2005 09:47	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/12/2005 09:47	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	08/12/2005 09:47	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	08/12/2005 09:47	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	08/12/2005 09:47	
Surrogate(s)						
1,2-Dichloroethane-d4	97.0	73-130	%	1.00	08/12/2005 09:47	
Toluene-d8	96.1	81-114	%	1.00	08/12/2005 09:47	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-2	Lab ID:	2005-08-0072 - 2
Sampled:	08/01/2005 11:10	Extracted:	8/12/2005 17:05
Matrix:	Water	QC Batch#:	2005/08/12-1A-62
Analysis Flag: L2, pH: <2 (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	12000	2000	ug/L	40.00	08/12/2005 17:05	
Benzene	160	20	ug/L	40.00	08/12/2005 17:05	
Toluene	38	20	ug/L	40.00	08/12/2005 17:05	
Ethylbenzene	380	20	ug/L	40.00	08/12/2005 17:05	
Total xylenes	ND	40	ug/L	40.00	08/12/2005 17:05	
tert-Butyl alcohol (TBA)	1300	200	ug/L	40.00	08/12/2005 17:05	
Methyl tert-butyl ether (MTBE)	1600	20	ug/L	40.00	08/12/2005 17:05	
Di-isopropyl Ether (DIPE)	ND	80	ug/L	40.00	08/12/2005 17:05	
Ethyl tert-butyl ether (ETBE)	ND	80	ug/L	40.00	08/12/2005 17:05	
tert-Amyl methyl ether (TAME)	ND	80	ug/L	40.00	08/12/2005 17:05	
<i>Surrogate(s)</i>						
1,2-Dichloroethane-d4	110.9	73-130	%	40.00	08/12/2005 17:05	
Toluene-d8	94.4	81-114	%	40.00	08/12/2005 17:05	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-3	Lab ID:	2005-08-0072 - 3
Sampled:	08/01/2005 11:30	Extracted:	8/15/2005 13:42
Matrix:	Water	QC Batch#:	2005/08/15-1A.62
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	08/15/2005 13:42	
Benzene	ND	0.50	ug/L	1.00	08/15/2005 13:42	
Toluene	ND	0.50	ug/L	1.00	08/15/2005 13:42	
Ethylbenzene	ND	0.50	ug/L	1.00	08/15/2005 13:42	
Total xylenes	ND	1.0	ug/L	1.00	08/15/2005 13:42	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	08/15/2005 13:42	
Methyl tert-butyl ether (MTBE)	0.96	0.50	ug/L	1.00	08/15/2005 13:42	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	08/15/2005 13:42	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	08/15/2005 13:42	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	08/15/2005 13:42	
<i>Surrogate(s)</i>						
1,2-Dichloroethane-d4	99.8	73-130	%	1.00	08/15/2005 13:42	
Toluene-d8	95.6	81-114	%	1.00	08/15/2005 13:42	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-4	Lab ID:	2005-08-0072-4
Sampled:	08/01/2005 10:00	Extracted:	8/14/2005 03:32
Matrix:	Water	QC Batch#:	2005/08/13-2A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	08/14/2005 03:32	
Benzene	ND	0.50	ug/L	1.00	08/14/2005 03:32	
Toluene	ND	0.50	ug/L	1.00	08/14/2005 03:32	
Ethylbenzene	ND	0.50	ug/L	1.00	08/14/2005 03:32	
Total xylenes	ND	1.0	ug/L	1.00	08/14/2005 03:32	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	08/14/2005 03:32	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/14/2005 03:32	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	08/14/2005 03:32	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	08/14/2005 03:32	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	08/14/2005 03:32	
Surrogate(s)						
1,2-Dichloroethane-d4	99.2	73-130	%	1.00	08/14/2005 03:32	
Toluene-d8	95.2	81-114	%	1.00	08/14/2005 03:32	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-5	Lab ID:	2005-08-0072 - 5
Sampled:	08/01/2005 09:35	Extracted:	8/12/2005 22:50
Matrix:	Water	QC Batch#:	2005/08/12-1A.65
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	08/12/2005 22:50	
Benzene	ND	0.50	ug/L	1.00	08/12/2005 22:50	
Toluene	ND	0.50	ug/L	1.00	08/12/2005 22:50	
Ethylbenzene	ND	0.50	ug/L	1.00	08/12/2005 22:50	
Total xylenes	ND	1.0	ug/L	1.00	08/12/2005 22:50	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/12/2005 22:50	
Surrogate(s)						
1,2-Dichloroethane-d4	102.6	73-130	%	1.00	08/12/2005 22:50	
Toluene-d8	90.3	81-114	%	1.00	08/12/2005 22:50	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report					
Prep(s):	5030B	Method Blank	Water	Test(s):	8260B
MB:	2005/08/12-1A.62-027			QC Batch #	2005/08/12-1A.62
				Date Extracted:	08/12/2005 07:27
Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	08/12/2005 07:27	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	08/12/2005 07:27	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/12/2005 07:27	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	08/12/2005 07:27	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	08/12/2005 07:27	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	08/12/2005 07:27	
Benzene	ND	0.5	ug/L	08/12/2005 07:27	
Toluene	ND	0.5	ug/L	08/12/2005 07:27	
Ethylbenzene	ND	0.5	ug/L	08/12/2005 07:27	
Total xylenes	ND	1.0	ug/L	08/12/2005 07:27	
<i>Surrogates(s)</i>					
1,2-Dichloroethane-d4	90.6	73-130	%	08/12/2005 07:27	
Toluene-d8	93.2	81-114	%	08/12/2005 07:27	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/08/12-1A.65

MB: 2005/08/12-1A.65-049

Date Extracted: 08/12/2005 08:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	08/12/2005 08:49	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	08/12/2005 08:49	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/12/2005 08:49	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	08/12/2005 08:49	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	08/12/2005 08:49	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	08/12/2005 08:49	
Benzene	ND	0.5	ug/L	08/12/2005 08:49	
Toluene	ND	0.5	ug/L	08/12/2005 08:49	
Ethylbenzene	ND	0.5	ug/L	08/12/2005 08:49	
Total xylenes	ND	1.0	ug/L	08/12/2005 08:49	
Surrogates(s)					
1,2-Dichloroethane-d4	96.2	73-130	%	08/12/2005 08:49	
Toluene-d8	95.5	81-114	%	08/12/2005 08:49	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report						
Prep(s):	5030B	Method Blank	Water	Test(s):	8260B	QC Batch #
MB:	2005/08/13-2A.62-038			Date Extracted:	2005/08/13-2A.62	08/13/2005 19:38
Compound	Conc.		RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND		50	ug/L	08/13/2005 19:38	
tert-Butyl alcohol (TBA)	ND		5.0	ug/L	08/13/2005 19:38	
Methyl tert-butyl ether (MTBE)	ND		0.5	ug/L	08/13/2005 19:38	
Di-isopropyl Ether (DIPE)	ND		2.0	ug/L	08/13/2005 19:38	
Ethyl tert-butyl ether (ETBE)	ND		2.0	ug/L	08/13/2005 19:38	
tert-Amyl methyl ether (TAME)	ND		2.0	ug/L	08/13/2005 19:38	
Benzene	ND		0.5	ug/L	08/13/2005 19:38	
Toluene	ND		0.5	ug/L	08/13/2005 19:38	
Ethylbenzene	ND		0.5	ug/L	08/13/2005 19:38	
Total xylenes	ND		1.0	ug/L	08/13/2005 19:38	
Surrogates(s)						
1,2-Dichloroethane-d4	88.8		73-130	%	08/13/2005 19:38	
Toluene-d8	94.8		81-114	%	08/13/2005 19:38	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report					
Prep(s): 5030B	Method Blank	Water	Test(s): 8260B	QC Batch # 2005/08/15-1A.62	Date Extracted: 08/15/2005 07:50
MB: 2005/08/15-1A.62-050					
Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	08/15/2005 07:50	
Benzene	ND	0.5	ug/L	08/15/2005 07:50	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	08/15/2005 07:50	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/15/2005 07:50	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	08/15/2005 07:50	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	08/15/2005 07:50	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	08/15/2005 07:50	
Toluene	ND	0.5	ug/L	08/15/2005 07:50	
Ethylbenzene	ND	0.5	ug/L	08/15/2005 07:50	
Total xylenes	ND	1.0	ug/L	08/15/2005 07:50	
Surrogates(s)					
1,2-Dichloroethane-d4	90.9	73-130	%	08/15/2005 07:50	
Toluene-d8	95.7	81-114	%	08/15/2005 07:50	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/08/12-1A.62

LCS 2005/08/12-1A.62-002

Extracted: 08/12/2005

Analyzed: 08/12/2005 07:02

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.4		25	89.6		65-165	20			
Benzene	23.7		25	94.8		69-129	20			
Toluene	21.8		25	87.2		70-130	20			
Surrogates(s)										
1,2-Dichloroethane-d4	433		500	86.6		73-130				
Toluene-d8	460		500	92.0		81-114				

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report											
Prep(s): 5030B		Test(s): 8260B									
Laboratory Control Spike			Water			QC Batch # 2005/08/12-1A.65					
LCS	2005/08/12-1A.65-024			Extracted: 08/12/2005			Analyzed: 08/12/2005 08:24				
LCSD											
Compound	Conc. ug/L		Exp.Conc.		Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD			LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	24.8		25		99.2			65-165	20		
Benzene	23.1		25		92.4			69-129	20		
Toluene	25.2		25		100.8			70-130	20		
Surrogates(s)											
1,2-Dichloroethane-d4	471		500		94.2			73-130			
Toluene-d8	495		500		99.0			81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/08/13-2A.62

LCS 2005/08/13-2A.62-039
LCSD

Extracted: 08/13/2005

Analyzed: 08/13/2005 18:30

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.1		25	88.4			65-165	20		
Benzene	25.2		25	100.8			69-129	20		
Toluene	22.4		25	89.6			70-130	20		
<i>Surrogates(s)</i>										
1,2-Dichloroethane-d4	415		500	83.0			73-130			
Toluene-d8	467		500	93.4			81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/08/15-1A.62

LCS 2005/08/15-1A.62-024

Extracted: 08/15/2005

Analyzed: 08/15/2005 07:24

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.5		25	90.0		65-165	20			
Benzene	24.5		25	98.0		69-129	20			
Toluene	20.2		25	80.8		70-130	20			
Surrogates(s)										
1,2-Dichloroethane-d4	447		500	89.4		73-130				
Toluene-d8	459		500	91.8		81-114				

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report											
Prep(s):	5030B										Test(s): 8260B
Matrix Spike (MS / MSD)	Water				QC Batch # 2005/08/12-1A.62						
S-1 >> MS					Lab ID:	2005-08-0072 - 001					
MS:	2005/08/12-1A.62-024			Extracted: 08/12/2005	Analyzed:	08/12/2005 11:24					
MSD:	2005/08/12-1A.62-050			Extracted: 08/12/2005	Dilution:	20.00					
					Analyzed:	08/12/2005 11:50					
					Dilution:	20.00					

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	521	513	ND	500	104.2	102.6	1.5	65-165	20		
Benzene	526	511	ND	500	105.2	102.2	2.9	69-129	20		
Toluene	519	536	ND	500	103.8	107.2	3.2	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	479	468		500	95.8	93.6		73-130			
Toluene-d8	468	476		500	93.6	95.2		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report											
Prep(s): 5030B			Water			Test(s): 8260B					
Matrix Spike (MS / MSD)			Water			QC Batch # 2005/08/12-1A.65					
MS/MSD	MS	MSD	Extracted: 08/12/2005	Lab ID:	2005-08-0052 - 002	Analyzed:	08/12/2005 10:46	Dilution:	50.00	Analyzed:	08/12/2005 11:12
MS:	2005/08/12-1A.65-046										
MSD:	2005/08/12-1A.65-012		Extracted: 08/12/2005								

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	5090	5560	4300	1250	63.2	100.8	45.9	65-165	20	M3	R4
Benzene	1070	1180	ND	1250	85.6	94.4	9.8	69-129	20		
Toluene	1230	1310	ND	1250	98.4	104.8	6.3	70-130	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	501	494		500	100.2	98.8		73-130			
Toluene-d8	493	506		500	98.6	101.2		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report											
Prep(s):	5030B	Test(s): 8260B									
Matrix Spike (MS / MSD)				Water				QC Batch # 2005/08/13-2A.62			
MS/MSD				Extracted: 08/13/2005				Lab ID: 2005-08-0073 - 003			
MS:	2005/08/13-2A.62-002	MSD:	2005/08/13-2A.62-028	MS	MSD	Sample	ug/L	Analyzed:	08/13/2005 21:02	Dilution:	1.00
				Extracted: 08/13/2005				Analyzed:	08/13/2005 21:28	Dilution:	1.00

Compound	Conc.			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	22.8	19.6	ND	25	91.2	78.4	15.1	65-165	20		
Benzene	27.2	22.7	ND	25	108.8	90.8	18.0	69-129	20		
Toluene	23.6	19.8	ND	25	94.4	79.2	17.5	70-130	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	456	460		500	91.1	92.0		73-130			
Toluene-d8	481	475		500	96.2	95.0		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Batch QC Report											
Prep(s):	5030B										
Matrix Spike (MS / MSD)				Water				QC Batch # 2005/08/15-1A.62			
MS/MSD								Lab ID:	2005-08-0244 - 003		
MS:	2005/08/15-1A.62-052			Extracted: 08/15/2005				Analyzed:	08/15/2005 15:52		
MSD:	2005/08/15-1A.62-018			Extracted: 08/15/2005				Dilution:	1.00		
								Analyzed:	08/15/2005 16:18		
								Dilution:	1.00		

Compound	Conc. ug/L			Spk Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	1630	2440	2170	25	-2160.	1080.0	-600	65-165	20	M3	M3,R1
Benzene	25.4	24.8	ND	25	101.6	99.2	2.4	69-129	20		
Toluene	24.1	24.3	ND	25	96.4	97.2	0.8	70-130	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	0.000	298		500	0.0	59.7		73-130		S8	S8
Toluene-d8	488	465		500	97.6	93.0		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050801-SS1
98995755

Received: 08/02/2005 14:30

Site: 350 Grand Ave., Oakland

Legend and Notes**Analysis Flag**

L2

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

Result Flag

M3

Sample > 4x spike concentration.

R1

Analyte RPD was out of QC limits.

R4

RPD exceeded method control limit; % recoveries within limits.

S8

Surrogate recoveries lower than acceptance limits.

LAB: SL

SHELL Chain Of Custody Record

117216

Lab Identification (if necessary)

Address:

City, State, Zip:

Shell Project Manager to be Invoiced:

- SCIENCE & ENGINEERING
 TECHNICAL SERVICES
 DOWNTON HOUSTON

Denis Brown

2005-08-0072

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 7 5 5

SAP or CRMT NUMBER (TS/CRMT)

DATE: 8/1/05PAGE: 1 / 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS (Street and City): 350 Grand Ave., Oakland	GLOBAL ID NO.: T0600101255
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112	C/LA DELIVERABLE TO (Name/Address of Company): Ana Friesl		EMAIL: sonomaedf@cambria-env.com
PROJECT CONTACT (Name/Address of POC Report by: Leon Gearhart	PHONE NO.: (707) 442-2700		CONSULTANT PROJECT NO.: 030801-551
TELEPHONE: 408-573-0555	FAX: 408-573-1771	E-MAIL: sonomaedf@cambria-env.com	BIB #
SAMPLE NAME/TYPE: suction sample			

TURNAROUND TIME (SELECT ONE):
 10 DAYS 1 DAYS 72 HOURS 48 HOURS 24 HOURS LESS THAN 24 HOURS

LA - RWQCB REPORT FORMAT UST AGENCY

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

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EOD IS NOT NEEDED

REQUESTED ANALYSIS

| LAB USE ONLY | Field Sample Identification | SAMPLING | | MATRIX | NO. OF CONT. | TPH-oar, Purgeable | BTEX | MTBE/2010 - 5ppb R/R | MTBE/2010 - 0.5ppb R/R | Organic Solvents (e.g. Benzene) | Ethanol (e.g. 91%) | Merch Sol | EHB & TCE DCA (0.25ppb) | TPH-P | TPH-O | TPH-A | TPH-E | TPH-C | TPH-B | TPH-D | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J | TPH-K | TPH-L | TPH-X | TPH-Y | TPH-Z | TPH-U | TPH-V | TPH-W | TPH-S | TPH-T | TPH-R | TPH-Q | TPH-P | TPH-O | TPH-N | TPH-M | TPH-F | TPH-G | TPH-H | TPH-I | TPH-J |
<th rowspan
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |