Denis L. Brown

Shell Oil Products US

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

Mr. Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94205-6577

Re: Former Shell Service Station
461 8th Street
Oakland, California
SAP Code: 129453
Incident No. 97093399
ACHCSA Case No. 0343

Dear Mr. Chan:

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

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

Sincerely,

Denis L. Brown
Project Manager

CONESTOGA-ROVERS
& ASSOCIATES

19449 Riverside Drive, Suite 230, Sonoma, California 95476
Telephone: 707-935-4850 Facsimile: 707-935-6649
www.CRAworld.com

July 25, 2007

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

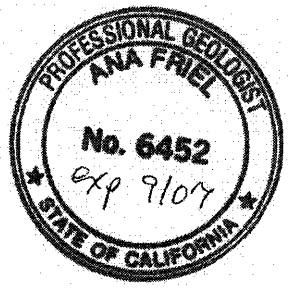
Re: **Groundwater Monitoring Report – Second Quarter 2007**
Former Shell Service Station
461 8th Street
Oakland, California
SAP Code 129453
Incident No. 97093399
ACHCSA Case No. 0343

Dear Mr. Chan:

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) in accordance with the quarterly reporting requirements of 23 CCR 2652d.

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

Sincerely,
Conestoga-Rovers & Associates



Ana Friel, PG

Enclosure: Groundwater Monitoring Report – Second Quarter 2007

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

GROUNDWATER MONITORING REPORT – SECOND QUARTER 2007

Site Address	461 8th Street, Oakland
Site Use	Former Shell Service Station
Shell Project Manager	Denis Brown
Consultant and Contact Person	CRA, Ana Friel
Lead Agency and Contact	ACHCSA, Barney Chan
Agency Case No.	0343
Shell SAP Code	129453
Shell Incident No.	97093399
Date of Most Recent Agency Correspondence	May 25, 2007

Current Quarter's Activities

1. Blaine Tech Services, Inc. (Blaine) gauged and sampled wells according to the established monitoring program for this site.
2. CRA prepared a vicinity map (Figure 1) and a groundwater contour and chemical concentration map (Figure 2). The Blaine report, presenting the analytical data, is included in Attachment A.
3. CRA submitted the May 25, 2007, *Remedial Alternatives Evaluation, Site Investigation and DPE Pilot Test Work Plan* to ACHCSA for review and comment.

Current Quarter's Findings

Groundwater Flow Direction	South-westerly
Hydraulic Gradient	0.01
Depth to Water	20.40 to 23.20 feet below top of well casing

Proposed Activities for Next Quarter

1. Blaine will gauge and sample wells during the second month of the quarter, according to the established monitoring program for this site.
2. Shell awaits a response from ACHCSA to the May 25, 2007 submittal.

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

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

I:\Sonoma.Shell\Oakland 461 8th\QMRs\2007\2Q07\2Q07 QMR TEXT.doc

12/21/01

FIGURE 1

0 1/8 1/4 1/2 1

SCALE (MILES)

Former Shell Service Station

461 8th Street
Oakland, California

Vicinity Map

1/2 Mile Radius

CONESTOGA-ROVERS & ASSOCIATES

25-JUL-07

Groundwater Contour and Chemical Concentration Map

May 29, 2007

EXPLANATION

S-4	Groundwater monitoring well
S-1	Abandoned monitoring well
xx.xx	Groundwater elevation contour in feet referenced to mean sea level (ft msl).
	Groundwater flow direction and gradient
13.11	Groundwater elevation, in feet above msl
(18,000)	Benzene concentrations in micrograms per liter (µg/L)
(ND)	MTBE concentrations in (µg/L)
(ND)	Not Detected
(NS)	Not 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)

* Because well S-5 is located in confined space, it is no longer gauged or sampled

Groundwater Flow Direction
(1Q00 to 3Q05)

former UST
S-1
S-10
13.15
(NS)
(NS)
former dispenser islands and fuel lines
Former Shell Station
S-9
12.48
(NS)
(NS)
S-8
13.20
(NS)
(NS)
0.01
S-6
10.16
(17,000)
(ND)
S-5*
(NS)
freight elevator
Storm drain inlet
FL = 13.27'
FL = 17.50'
MH FL = 17.00'
FL = 19.12'
MH
FL = 16.50'
FL = 13.90'
FL = 13.25'
S-4
13.26
(NS)
(NS)
Former Chevron Station
FH
BROADWAY
6TH STREET
7TH SRTEET
8TH STREET
14" SS
8" W
8' G
18" SD
8' SS
12" W
16" SS
2-3" W
18" W
3 G
6" W

0 25 50 100
Scale (ft)

FIGURE
2

Former Shell Service Station
461 8th Street
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

1501

Attachment A

Blaine Tech Services, Inc.
Groundwater Monitoring Report

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

June 25, 2007

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

Second Quarter 2007 Groundwater Monitoring at
Former Shell Service Station
461 8th Street
Oakland, CA

Monitoring performed on May 29, 2007

Groundwater Monitoring Report **070529-SC-1**

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

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Manager

MN/ks

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

cc: Ana Friel
Conestoga-Rovers & Associates
19449 Riverside Dr., Suite 230
Sonoma, CA 95476

WELL CONCENTRATIONS
Former Shell Service Station
461 8th Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-4	10/26/1988	130	3.8	13	4.0	30	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	02/14/1989	<50	0.5	<1	<1	3.0	NA	NA	NA	NA	NA	NA	93.51 (TOC)	12.82	80.69	NA
S-4	05/01/1989	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	16.48	77.03	NA
S-4	07/27/1989	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.84	77.67	NA
S-4	10/05/1989	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.98	77.53	NA
S-4	01/09/1990	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.86	77.65	NA
S-4	04/30/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.48	79.03	NA
S-4	07/31/1990	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	10/30/1990	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	05/06/1991	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.23	78.28	NA
S-4	06/27/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	93.51 (TOC)	13.54	79.97	NA
S-4	09/24/1991	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.85	77.66	NA
S-4	11/07/1991	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.60	77.91	NA
S-4	02/13/1992	<50	<0.5	<0.5	<0.5	3.0	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.27	79.24	NA
S-4	05/11/1992	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	12/03/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	05/13/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.81	78.70	NA
S-4	07/22/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.42	79.09	NA
S-4	10/20/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	01/25/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.60	78.91	NA
S-4	04/25/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.39	79.12	NA
S-4	07/21/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	93.51 (TOC)	22.29	71.22	NA
S-4	10/24/1994	<500	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	93.51 (TOC)	22.72	70.79	NA
S-4	12/22/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	25.77*	22.25	3.52	NA
S-4	04/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	25.77	21.16	4.61	NA
S-4	10/04/1995	<50	1.2	0.7	<0.5	<0.5	NA	NA	NA	NA	NA	NA	25.77	22.25	3.52	NA
S-4	01/03/1996	<50	0.6	<0.5	<0.5	1.7	NA	NA	NA	NA	NA	NA	25.77	23.28	2.49	NA
S-4	04/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	25.77	21.58	4.19	NA

WELL CONCENTRATIONS
Former Shell Service Station
461 8th Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-4	07/11/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	25.77	21.60	4.17	NA
S-4	10/02/1996	<50	<0.50	<0.50	<0.50	<0.50	2.6	NA	NA	NA	NA	NA	25.77	22.46	3.31	NA
S-4	01/22/1997	<50	0.73	<0.50	<0.50	0.63	<2.5	NA	NA	NA	NA	NA	25.77	20.06	5.71	NA
S-4	07/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	25.77	22.10	3.67	NA
S-4	01/22/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	25.77	20.50	5.27	NA
S-4	07/08/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	25.77	20.86	4.91	NA
S-4	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.41	4.36	NA
S-4	01/28/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	25.77	22.34	3.43	NA
S-4	04/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.43	4.34	NA
S-4	07/29/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	25.77	21.45	4.32	NA
S-4	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	22.08	3.69	NA
S-4	01/07/2000	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	25.77	22.29	3.48	NA
S-4	04/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.11	4.66	NA
S-4	07/19/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	25.77	21.19	4.58	NA
S-4	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	22.22	3.55	NA
S-4	01/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	25.77	22.17	3.60	NA
S-4	04/06/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.50	4.27	NA
S-4	07/25/2001	<50	2.0	0.52	<0.50	1.0	NA	<5.0	NA	NA	NA	NA	25.77	21.50	4.27	NA
S-4	11/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.95	3.82	NA
S-4	01/17/2002 d	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	25.77	21.13	4.64	NA
S-4	05/08/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.35	4.42	NA
S-4	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	34.41	21.19	13.22	NA
S-4	10/15/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.42	12.99	NA
S-4	01/02/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	34.41	20.75	13.66	NA
S-4	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.08	13.33	NA
S-4	07/14/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.93	14.48	NA
S-4	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.56	14.85	NA
S-4	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.41	19.12	15.29	NA

WELL CONCENTRATIONS
Former Shell Service Station
461 8th Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-4	04/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.15	15.26	NA
S-4	07/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.48	13.93	NA
S-4	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.00	13.41	NA
S-4	01/17/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.41	20.17	14.24	NA
S-4	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.82	14.59	NA
S-4	07/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.71	13.70	NA
S-4	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.85	13.56	NA
S-4	02/09/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	34.41	19.47	14.94	NA
S-4	05/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.52	14.89	NA
S-4	08/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.75	13.66	NA
S-4	11/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.03	14.38	NA
S-4	01/30/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.41	21.30	13.11	NA
S-4	**05/29/2007**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.41**	**21.15**	**13.26**	**NA**
S-5	04/16/1987	130000	15000	16000	NA	14000a	NA	NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA
S-5	10/26/1988	110000	20000	25000	2300	10000	NA	NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA
S-5	02/14/1989	94000	16000	21000	1800	10000	NA	NA	NA	NA	NA	NA	99.36 (TOC)	19.87	79.49	NA
S-5	05/01/1989	120000	29000	35000	3100	15000	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.23	78.13	NA
S-5	07/27/1989	110000	20000	29000	2400	14000	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.41	78.95	NA
S-5	10/05/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.43	78.94	0.01
S-5	01/09/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.16	78.21	0.01
S-5	04/30/1990	100000	13000	22000	2100	11000	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.96	78.40	NA
S-5	07/31/1990	53000	8300	14000	1200	7400	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.88	78.48	NA
S-5	10/30/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.96	77.42	0.03
S-5	05/06/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	23.00	76.46	0.13
S-5	06/27/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.53	78.85	0.03
S-5	09/24/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.40	78.01	0.06
S-5	11/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.33	78.23	0.25

WELL CONCENTRATIONS
Former Shell Service Station
461 8th Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-5	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.52	77.09	0.31
S-5	05/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.46	77.36	0.58
S-5	12/03/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA
S-5	05/13/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.22	77.36	0.27
S-5	07/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.68	77.88	0.25
S-5	10/20/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.51	79.03	0.23
S-5	01/25/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.93	77.57	0.18
S-5	04/25/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.97	77.67	0.35
S-5	05/26/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.84	78.80	0.35
S-5	06/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.01	78.61	0.32
S-5	07/21/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.18	77.56	0.47
S-5	08/25/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.01	77.70	0.44
S-5	09/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.00	77.48	0.15
S-5	10/24/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.28	77.53	0.56
S-5	12/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94*	22.88	0.85	0.99
S-5	04/20/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	21.66	1.54	0.33
S-5	10/04/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	22.18	0.76	NA
S-5	01/03/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	22.80	0.80	0.83
S-5	04/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	21.15	2.33	0.67
S-5	07/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	22.62	1.04	0.90
S-5	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	23.07	0.38	0.64
S-5	01/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	20.83	2.24	0.16
S-5	07/21/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	21.16	1.82	0.05
S-5	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	20.04	2.93	0.04
S-5	07/08/1998	220	14	40	5.8	34	3.3	NA	NA	NA	NA	NA	22.94	18.61	4.33	NA
S-5	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	17.31	5.63	NA
S-5	01/28/1999	51000	13000	1200	1200	2400	2400	NA	NA	NA	NA	NA	22.94	20.11	2.83	NA
S-5	04/23/1999	65600	2540	7300	1790	9840	<1000	NA	NA	NA	NA	NA	22.94	19.21	3.73	NA

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S-5	07/29/1999	61400	3320	6980	1520	7700	<1000	NA	NA	NA	NA	NA	22.94	14.77	8.17	NA
S-5	11/01/1999	48200	2700	5740	1290	7850	<500	<40.0	NA	NA	NA	NA	22.94	15.56	7.38	NA
S-5	01/07/2000	39000	3900	8500	790	8300	1500	NA	NA	NA	NA	NA	22.94	15.82	7.12	NA
S-5	04/11/2000	29300	1680	5060	1130	6220	<250	NA	NA	NA	NA	NA	22.94	18.19	4.75	NA
S-5	07/19/2000	6420	2110	207	252	681	355	253b	NA	NA	NA	NA	22.94	19.01	3.93	NA
S-5	10/12/2000	41500	2940	4940	1520	7770	<250	<66.7	NA	NA	NA	NA	22.94	19.62	3.32	NA
S-5	01/09/2001	142000	7030	9550	2340	12600	779	NA	NA	NA	NA	NA	22.94	19.94	3.00	NA
S-5	04/06/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	NA	NA	NA
S-5	04/13/2001	59800	4810	10800	1950	10100	842	<10.0	NA	NA	NA	NA	22.94	14.72	8.22	NA
S-5	07/25/2001	71000	2900	6800	1700	9100	NA	<250	NA	NA	NA	NA	22.94	14.91	8.03	NA
S-5	08/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	19.43	3.51	NA
S-5	11/01/2001	Unable to locate		NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	NA	NA	NA
S-5	01/17/2002 d	58000	460	3300	1900	8400	NA	<200	NA	NA	NA	NA	c	14.27	NA	NA
S-5	05/08/2002 d	60000	650	2700	1800	8800	NA	<100	NA	NA	NA	NA	22.94	18.40	4.54	NA
S-5	07/18/2002	53000	240	1200	1500	6400	NA	<100	NA	NA	NA	NA	27.36	14.25	13.11	NA
S-5	10/15/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	27.36	NA	NA	NA
S-5	10/17/2002	42000	420	1100	1200	5500	NA	<10	NA	NA	NA	NA	27.36	14.90	12.46	NA
S-5	01/02/2003	26000	680	1500	780	3800	NA	<5.0	NA	NA	NA	NA	27.36	14.72	12.64	NA
S-5	04/15/2003	3600	29	38	65	370	NA	<5.0	NA	NA	NA	NA	e	14.45	NA	NA
S-5	07/14/2003	21000	210	460	650	2900	NA	<10	NA	NA	NA	NA	e	14.10	NA	NA
S-5	10/20/2003	37000	390	590	870	3500	NA	<13	NA	NA	NA	NA	e	14.63	NA	NA
S-5	01/22/2004	29000	200	210	710	2400	NA	<13	NA	NA	NA	NA	e	14.08	NA	NA
S-5	04/19/2004	25000	490	460	750	2400	NA	19	NA	NA	NA	NA	e	13.43	NA	NA
S-5	07/13/2004	28000	300	280	690	2400	NA	<13	NA	NA	NA	NA	e	14.88	NA	NA
S-6	04/16/1987	81000	16000	9000	NA	6400a	NA	NA	NA	NA	NA	NA	100.58 (TOC)	NA	NA	NA
S-6	10/26/1988	110000	29000	18000	2500	8200	NA	NA	NA	NA	NA	NA	100.58 (TOC)	NA	NA	NA
S-6	02/14/1989	54000	18000	4500	1400	4000	NA	NA	NA	NA	NA	NA	100.58 (TOC)	20.87	79.71	NA

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S-6	05/01/1989	93000	43000	9900	3000	8000	NA	NA	NA	NA	NA	NA	100.58 (TOC)	20.49	80.09	NA
S-6	07/27/1989	52000	20000	3200	1700	5500	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.01	79.57	NA
S-6	10/05/1989	55000	20000	2900	1600	5500	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.24	79.34	NA
S-6	01/09/1990	76000	35000	9100	2300	8600	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.62	77.96	SHEEN
S-6	04/30/1990	39000	13000	2300	900	2800	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.10	78.48	NA
S-6	07/31/1990	48000	20000	4600	1500	4900	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.00	78.58	NA
S-6	10/30/1990	27000	7400	900	600	1400	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.14	78.44	NA
S-6	05/06/1991	35000	3900	2700	2300	3500	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.40	78.18	NA
S-6	06/27/1991	51000	19000	5600	1700	6300	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.21	79.37	NA
S-6	09/24/1991	42000	14000	4300	1200	4000	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.26	78.32	NA
S-6	11/07/1991	39000	11000	2000	800	2300	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.35	78.23	NA
S-6	02/13/1992	64000	21000	6200	1600	5100	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.28	78.30	NA
S-6	05/11/1992	57000	22000	7600	2200	7700	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.10	78.48	NA
S-6	12/03/1992	110000	26000	9400	2100	8700	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.14	78.44	NA
S-6	05/13/1993	58000	21000	6800	2500	9800	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.16	78.42	NA
S-6	07/22/1993	70000	31000	14000	3000	13000	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.64	78.94	NA
S-6	10/20/1993	48000	28000	9800	3200	12000	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.62	78.96	NA
S-6	01/25/1994	70000	23000	7500	2500	8000	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.80	78.78	NA
S-6	04/25/1994	61000	16000	4000	1800	5100	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.68	78.90	NA
S-6	07/21/1994	44000	8200	3600	1400	3900	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.78	78.80	NA
S-6 (D)	07/21/1994	32000	7800	3400	1300	3700	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	10/24/1994	2936	1184	440.6	163	648.4	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.06	78.52	NA
S-6 (D)	10/24/1994	2968	770.8	325.3	144	622	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	12/22/1994	32000	7000	2900	790	2400	NA	NA	NA	NA	NA	NA	22.08*	21.91	0.17	NA
S-6 (D)	12/22/1994	32000	8000	3800	1100	3400	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	04/20/1995	56000	15000	3800	1900	4900	NA	NA	NA	NA	NA	NA	22.08	21.38	0.70	NA
S-6 (D)	04/20/1995	49000	13000	3500	1800	4700	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	10/04/1995	49000	8400	4700	1800	4800	NA	NA	NA	NA	NA	NA	22.08	21.80	0.28	NA

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S-6 (D)	10/04/1995	41000	8400	4100	1400	4400	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	01/03/1996	52000	9100	7100	1800	5800	NA	NA	NA	NA	NA	NA	22.08	21.70	0.38	NA
S-6	04/11/1996	59000	11000	7100	2100	6400	<500	NA	NA	NA	NA	NA	22.08	21.62	0.46	NA
S-6 (D)	04/11/1996	59000	11000	6800	1900	6400	<500	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	07/11/1996	72000	18000	6600	2500	8400	<1000	NA	NA	NA	NA	NA	22.08	21.65	2.78	NA
S-6	10/02/1996	57000	11000	6500	1500	5100	<500	NA	NA	NA	NA	NA	22.08	21.80	2.63	NA
S-6	01/22/1997	67000	15000	5000	1800	5400	<1000	NA	NA	NA	NA	NA	22.08	19.95	2.13	NA
S-6 (D)	01/22/1997	63000	15000	4800	1800	5200	<1000	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	07/21/1997	61000	15000	2100	1100	3500`	1900	NA	NA	NA	NA	NA	22.08	20.61	1.47	NA
S-6	01/22/1998	46000	14000	3200	1300	3400	<500	NA	NA	NA	NA	NA	22.08	19.82	2.26	NA
S-6	07/08/1998	74000	26000	7500	2200	6200	<1000	NA	NA	NA	NA	NA	22.08	18.20	3.88	NA
S-6	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.08	18.81	3.27	NA
S-6	01/28/1999	120000	9000	14000	2700	14000	3700	NA	NA	NA	NA	NA	22.08	19.73	2.35	NA
S-6	04/23/1999	58500	15900	1360	1640	3030	<2500	NA	NA	NA	NA	NA	22.08	17.58	4.50	NA
S-6	07/29/1999	36200	10300	760	930	1360	<1000	NA	NA	NA	NA	NA	22.08	21.35	0.73	NA
S-6	11/01/1999	36000	11700	767	865	1670	<1250	<40.0	NA	NA	NA	NA	22.08	19.23	2.85	NA
S-6	01/07/2000	36000	7600	4600	840	3600	<1000	NA	NA	NA	NA	NA	22.08	19.53	2.55	NA
S-6	04/11/2000	14600	7540	205	306	609	621	NA	NA	NA	NA	NA	22.08	18.16	3.92	NA
S-6	07/19/2000	2590	629	63.9	99.6	267	124	72.7b	NA	NA	NA	NA	22.08	18.40	3.68	NA
S-6	10/12/2000	32900	14200	966	1060	1790	<500	<100	NA	NA	NA	NA	22.08	19.52	2.56	NA
S-6	01/09/2001	27600	11200	675	666	1580	1430	<10.0b	NA	NA	NA	NA	22.08	19.69	2.39	NA
S-6	02/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.08	19.20	2.88	NA
S-6	04/06/2001	16900	7800	343	172	966	809	<20.0	NA	NA	NA	NA	22.08	18.25	3.83	NA
S-6	07/25/2001	29000	9800	1700	1000	1800	NA	<250	NA	NA	NA	NA	22.08	18.27	3.81	NA
S-6	11/01/2001	41000	15000	2400	1100	2500	NA	<500	NA	NA	NA	NA	22.08	19.30	2.78	NA
S-6	01/17/2002 d	38000	11000	1700	990	2200	NA	<500	NA	NA	NA	NA	22.08	18.51	3.57	NA
S-6	05/08/2002	72000	21000	4400	2200	5300	NA	<1000	NA	NA	NA	NA	22.08	18.30	3.78	NA
S-6	07/18/2002	71000	17000	4300	1700	4800	NA	<1000	NA	NA	NA	NA	30.56	18.19	12.37	NA

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S-6	10/15/2002	55000	16000	4600	1500	4600	NA	<100	NA	NA	NA	NA	30.56	18.77	11.79	NA
S-6	01/02/2003	75000	21000	5000	2400	6400	NA	<50	NA	NA	NA	NA	30.56	18.60	11.96	NA
S-6	04/15/2003	64000	29000	6400	2700	5600	NA	<1000	NA	NA	NA	NA	30.56	18.27	12.29	NA
S-6	07/14/2003	47000	19000	4300	1500	4300	NA	<100	NA	NA	NA	NA	30.56	18.05	12.51	NA
S-6	10/20/2003	63000	21000	5800	1900	5200	NA	<130	NA	NA	NA	NA	30.56	18.55	12.01	f
S-6	01/22/2004	41000	21000	4300	1800	4000	NA	<130	NA	NA	NA	NA	30.56	18.18	12.38	f
S-6	04/19/2004	58000	23000	4200	2200	3900	NA	<130	NA	NA	NA	NA	30.56	17.32	13.24	NA
S-6	05/03/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.56	17.30	13.26	NA
S-6	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.56	17.70	12.86	NA
S-6	07/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.56	17.85	12.71	NA
S-6	10/28/2004 g	45000	21000	3600	1700	3300	NA	<130	NA	NA	NA	NA	30.56	18.45	12.11	NA
S-6	01/17/2005	61000	21000	3500	1600	3200	NA	<130	NA	NA	NA	NA	30.56	17.52	13.04	NA
S-6	04/14/2005	36000	12000	6200	850	4800	NA	<50	NA	NA	NA	NA	30.56	22.49	8.07	NA
S-6	07/28/2005	54000	16000	9100	1800	5900	NA	<130	NA	NA	NA	NA	30.56	19.38	11.18	NA
S-6	10/05/2005	59000	14000	7500	1400	5000	NA	<50	NA	NA	NA	NA	30.56	18.32	12.24	NA
S-6	02/09/2006	41100	7060	3900	673	2380	NA	<0.500	NA	NA	NA	NA	30.56	17.11	13.45	NA
S-6	05/15/2006	188000	24800	20700	2540	12400	NA	<25.0	NA	NA	NA	NA	30.56	19.80	10.76	NA
S-6	08/23/2006	133000	24900	16100	2280	10500	NA	<0.500	NA	NA	NA	NA	30.56	20.45	10.11	NA
S-6	11/15/2006	66000	19000	8400	1900	7400	NA	<400	NA	NA	NA	NA	30.56	20.41	10.15	NA
S-6	01/30/2007	88000	18000	9600	1900	7200	NA	<100	NA	NA	NA	NA	30.56	20.47	10.09	NA
S-6	**05/29/2007**	**56000 h**	**17000**	**6700**	**1700**	**5400**	**NA**	**<20**	**NA**	**NA**	**NA**	**NA**	**30.56**	**20.40**	**10.16**	**NA**
S-8	12/22/1994	600	120	32	5.2	34	NA	NA	NA	NA	NA	NA	27.21	24.87	2.34	NA
S-8	04/20/1995	460	180	23	5.2	21	NA	NA	NA	NA	NA	NA	27.21	23.90	3.31	NA
S-8	10/04/1995	830	210	38	11	42	NA	NA	NA	NA	NA	NA	27.21	24.48	2.73	NA
S-8	01/03/1996	350	61	12	2.5	12	NA	NA	NA	NA	NA	NA	27.21	24.62	2.59	NA
S-8 (D)	01/03/1996	340	54	12	2.4	12	NA	NA	NA	NA	NA	NA	27.21	NA	NA	NA
S-8	04/11/1996	570	140	37	12	47	<6.2	NA	NA	NA	NA	NA	27.21	24.32	2.89	NA

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S-8	07/11/1996	980	98	32	9.1	160	<12	NA	NA	NA	NA	NA	27.21	24.10	3.11	NA
S-8	10/02/1996	280	62	13	3.3	25	15	NA	NA	NA	NA	NA	27.21	25.38	1.83	NA
S-8 (D)	10/02/1996	490	110	24	7.0	45	22	<2.0	NA	NA	NA	NA	27.21	NA	NA	NA
S-8	01/22/1997	400	90	13	4.9	25	12	NA	NA	NA	NA	NA	27.21	23.91	3.30	NA
S-8	07/21/1997	2900	380	110	26	260	85	NA	NA	NA	NA	NA	27.21	23.62	3.59	NA
S-8 (D)	07/21/1997	3200	420	120	32	300	130	NA	NA	NA	NA	NA	27.21	NA	NA	NA
S-8	01/22/1998	3800	790	140	42	330	160	NA	NA	NA	NA	NA	27.21	23.52	3.69	NA
S-8 (D)	01/22/1998	3500	780	120	33	300	160	NA	NA	NA	NA	NA	27.21	NA	NA	NA
S-8	07/08/1998	3600	1800	<25	<25	<25	<125	NA	NA	NA	NA	NA	27.21	21.52	5.69	NA
S-8 (D)	07/08/1998	4000	1800	<25	<25	31	<125	NA	NA	NA	NA	NA	27.21	NA	NA	NA
S-8	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.21	22.01	5.20	NA
S-8	01/28/1999	2000	630	6.2	24	51	43	NA	NA	NA	NA	NA	27.21	23.03	4.18	NA
S-8	04/23/1999	1050	408	<5.00	<5.00	6.65	<50.0	NA	NA	NA	NA	NA	27.21	22.15	5.06	NA
S-8	07/29/1999	955	344	<2.50	6.90	16.2	<25.0	NA	NA	NA	NA	NA	27.21	21.95	5.26	NA
S-8	11/01/1999	1800	550	6.45	15	40.4	<50.0	NA	NA	NA	NA	NA	27.21	22.55	4.66	NA
S-8	01/07/2000	1300	600	11	29	48	<13	NA	NA	NA	NA	NA	27.21	22.87	4.34	NA
S-8	04/11/2000	342	101	4.42	4.24	14.7	21.4	NA	NA	NA	NA	NA	27.21	21.86	5.35	NA
S-8	07/19/2000	579	228	6.37	6.45	25.0	<12.5	NA	NA	NA	NA	NA	27.21	21.93	5.28	NA
S-8	10/12/2000	947	340	8.64	3.26	38.3	<12.5	<2.00	NA	NA	NA	NA	27.21	22.92	4.29	NA
S-8	01/09/2001	1090	394	<10.0	<10.0	33.3	57.6	NA	NA	NA	NA	NA	27.21	23.19	4.02	NA
S-8	04/06/2001	671	182	12.5	16.4	47.1	42.5	NA	NA	NA	NA	NA	27.21	22.46	4.75	NA
S-8	07/25/2001	500	70	6.7	11	23	NA	<5.0	NA	NA	NA	NA	27.21	22.50	4.71	NA
S-8	11/01/2001	1900	250	28	39	180	NA	<5.0	NA	NA	NA	NA	27.21	22.44	4.77	NA
S-8	01/17/2002 d	830	140	11	12	89	NA	<5.0	NA	NA	NA	NA	27.21	21.82	5.39	NA
S-8	05/08/2002 d	210	34	1.7	4.1	15	NA	<5.0	NA	NA	NA	NA	27.21	21.35	5.86	NA
S-8	07/18/2002	650	68	2.8	9.7	42	NA	<5.0	NA	NA	NA	NA	35.85	21.53	14.32	NA
S-8	10/15/2002	1000	160	4.2	7.7	74	NA	<0.50	NA	NA	NA	NA	35.85	21.97	13.88	NA
S-8	01/02/2003	440	55	1.8	2.9	31	NA	<0.50	NA	NA	NA	NA	35.85	21.95	13.90	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-8	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.73	14.12	NA
S-8	07/14/2003	60	6.8	<0.50	0.98	4.9	NA	<0.50	NA	NA	NA	NA	35.85	21.40	14.45	NA
S-8	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.94	13.91	NA
S-8	01/22/2004	210	19	0.52	3.6	17	NA	<0.50	NA	NA	NA	NA	35.85	21.40	14.45	NA
S-8	04/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	20.83	15.02	NA
S-8	07/13/2004	420	77	0.82	14	31	NA	<0.50	NA	NA	NA	NA	35.85	21.05	14.80	NA
S-8	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.77	14.08	NA
S-8	01/17/2005	490	85	0.89	13	28	NA	<0.50	NA	NA	NA	NA	35.85	20.92	14.93	NA
S-8	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.57	14.28	NA
S-8	07/28/2005	64	12	<0.50	1.5	1.6	NA	<0.50	NA	NA	NA	NA	35.85	21.62	14.23	NA
S-8	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.11	14.74	NA
S-8	02/09/2006	<50.0	2.79	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	35.85	20.18	15.67	NA
S-8	05/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	20.53	15.32	NA
S-8	08/23/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	35.85	21.49	14.36	NA
S-8	11/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	22.05	13.80	NA
S-8	01/30/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	35.85	22.41	13.44	NA
S-8	**05/29/2007**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.85**	**22.65**	**13.20**	**NA**
S-9	12/22/1994	2600	400	150	42	310	NA	NA	NA	NA	NA	NA	26.06	24.37	1.69	NA
S-9	04/20/1995	1900	400	130	51	200	NA	NA	NA	NA	NA	NA	26.06	23.49	2.57	NA
S-9	10/04/1995	3200	590	260	68	280	NA	NA	NA	NA	NA	NA	26.06	24.01	2.05	NA
S-9	01/03/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA
S-9	04/11/1996	2100	440	1500	42	210	<25	NA	NA	NA	NA	NA	26.06	23.61	2.45	NA
S-9	07/11/1996	5200	940	450	120	520	<50	NA	NA	NA	NA	NA	26.06	23.78	2.28	NA
S-9 (D)	07/11/1996	4800	890	430	110	500	<50	NA	NA	NA	NA	NA	26.06	NA	NA	NA
S-9	10/02/1996	3000	680	220	56	270	<62	NA	NA	NA	NA	NA	26.06	24.31	1.75	NA
S-9	01/22/1997	1500	230	71	36	130	<12	NA	NA	NA	NA	NA	26.06	23.08	2.98	NA
S-9	07/21/1997	3400	590	57	19	210	96	NA	NA	NA	NA	NA	26.06	22.83	3.23	NA

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S-9	01/22/1998	2600	300	46	<10	270	62	NA	NA	NA	NA	NA	26.06	21.96	4.10	NA
S-9	07/08/1998	820	150	6.2	8	57	<10	NA	NA	NA	NA	NA	26.06	20.85	5.21	NA
S-9	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.39	4.67	NA
S-9	01/28/1999	<50	1.0	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	26.06	22.32	3.74	NA
S-9	04/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.41	4.65	NA
S-9	07/29/1999	117	7.77	0.817	0.683	5.05	<5.00	NA	NA	NA	NA	NA	26.06	21.25	4.81	NA
S-9	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.92	4.14	NA
S-9	01/07/2000	<50	1.2	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	26.06	22.11	3.95	NA
S-9	04/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.14	4.92	NA
S-9	07/19/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA
S-9	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	22.24	3.82	NA
S-9	01/09/2001	<50.0	1.45	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	26.06	22.52	3.54	NA
S-9	04/06/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	23.61	2.45	NA
S-9	07/25/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA
S-9	08/13/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA
S-9	11/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.78	4.28	NA
S-9	01/17/2002 d	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	26.06	21.15	4.91	NA
S-9	05/08/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	20.56	5.50	NA
S-9	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	34.70	20.88	13.82	NA
S-9	10/15/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.41	13.29	NA
S-9	01/02/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	34.70	21.35	13.35	NA
S-9	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.14	13.56	NA
S-9	07/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.70	20.80	13.90	NA
S-9	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.33	13.37	NA
S-9	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.70	20.77	13.93	NA
S-9	04/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	20.06	14.64	NA
S-9	07/13/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.70	20.44	14.26	NA
S-9	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.02	13.68	NA

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S-9	01/17/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.70	20.18	14.52	NA
S-9	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.85	12.85	NA
S-9	07/28/2005	360	190	1.8	1.1	3.9	NA	<0.50	<2.0	<2.0	<2.0	<5.0	34.70	21.22	13.48	NA
S-9	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	20.63	14.07	NA
S-9	02/09/2006	<50.0	0.940	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	34.70	19.23	15.47	NA
S-9	05/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	20.28	14.42	NA
S-9	08/23/2006	7000	1740	55.6	193	278	NA	<0.500	<0.500	<0.500	<0.500	<10.0	34.70	21.31	13.39	NA
S-9	11/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.79	12.91	NA
S-9	01/30/2007	12000	2200	250	480	980	NA	<0.50	NA	NA	NA	NA	34.70	22.08	12.62	NA
S-9	**05/29/2007**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.70**	**22.22**	**12.48**	**NA**
S-10	12/22/1994	420	27	8.0	18	45	NA	NA	NA	NA	NA	NA	28.04	25.84	2.20	NA
S-10	04/20/1995	820	49	3.7	97	52	NA	NA	NA	NA	NA	NA	28.04	24.92	3.12	NA
S-10	10/04/1995	240	6.5	1.1	16	12	NA	NA	NA	NA	NA	NA	28.04	25.47	2.57	NA
S-10	01/03/1996	1100	27	4.9	110	70	NA	NA	NA	NA	NA	NA	28.04	25.60	2.44	NA
S-10	04/11/1996	530	19	1.6	82	52	<5.0	NA	NA	NA	NA	NA	28.04	25.27	2.77	NA
S-10	07/11/1996	570	16	3.2	53	53	<2.5	NA	NA	NA	NA	NA	28.04	25.46	2.58	NA
S-10	10/02/1996	270	8.2	0.77	24	23	3.3	NA	NA	NA	NA	NA	28.04	25.81	2.23	NA
S-10	01/22/1997	160	4.8	0.73	16	11	<2.5	NA	NA	NA	NA	NA	28.04	24.74	3.30	NA
S-10	07/21/1997	530	5.7	0.70	29	69	<2.5	NA	NA	NA	NA	NA	28.04	24.50	3.54	NA
S-10	01/22/1998	1500	15	<5.0	88	130	<25	NA	NA	NA	NA	NA	28.04	24.44	3.60	NA
S-10	07/08/1998	530	4.8	1.1	47	51	<2.5	NA	NA	NA	NA	NA	28.04	22.36	5.68	NA
S-10	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.81	5.23	NA
S-10	01/28/1999	630	4.6	0.98	<0.50	59	<2.5	NA	NA	NA	NA	NA	28.04	23.82	4.22	NA
S-10	04/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.96	5.08	NA
S-10	07/29/1999	728	3.40	<1.00	41.8	38.0	<10.0	NA	NA	NA	NA	NA	28.04	22.63	5.41	NA
S-10	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	23.02	5.02	NA
S-10	01/07/2000	870	8.5	1.3	110	110	<2.5	NA	NA	NA	NA	NA	28.04	23.33	4.71	NA

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S-10	04/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.64	5.40	NA
S-10	07/19/2000	612	3.75	<0.500	41.6	43.6	<2.50	NA	NA	NA	NA	NA	28.04	23.04	5.00	NA
S-10	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	23.92	4.12	NA
S-10	01/09/2001	647	7.62	1.01	66.2	42.4	<2.50	NA	NA	NA	NA	NA	28.04	24.13	3.91	NA
S-10	04/06/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	25.37	2.67	NA
S-10	07/25/2001	340	1.5	<0.50	42	19	NA	<5.0	NA	NA	NA	NA	28.04	25.35	2.69	NA
S-10	11/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	23.22	4.82	NA
S-10	01/17/2002 d	1100	3.5	<0.50	55	46	NA	<5.0	NA	NA	NA	NA	28.04	22.72	5.32	NA
S-10	05/08/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.35	5.69	NA
S-10	07/18/2002	750	1.8	<0.50	42	26	NA	<5.0	NA	NA	NA	NA	36.35	22.05	14.30	NA
S-10	10/15/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.51	13.84	NA
S-10	01/02/2003	440	1.8	<0.50	14	24	NA	<5.0	NA	NA	NA	NA	36.35	22.50	13.85	NA
S-10	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.32	14.03	NA
S-10	07/14/2003	210	0.86	<0.50	13	12	NA	<0.50	NA	NA	NA	NA	36.35	21.99	14.36	NA
S-10	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.53	13.82	NA
S-10	01/22/2004	280	0.88	<0.50	10	11	NA	<0.50	NA	NA	NA	NA	36.35	22.02	14.33	NA
S-10	04/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	21.43	14.92	NA
S-10	07/13/2004	770	1.5	<0.50	70	42	NA	<0.50	NA	NA	NA	NA	36.35	21.68	14.67	NA
S-10	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.37	13.98	NA
S-10	01/17/2005	1100	1.5	<0.50	73	51	NA	<0.50	NA	NA	NA	NA	36.35	21.45	14.90	NA
S-10	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.18	14.17	NA
S-10	07/28/2005	260	<0.50	<0.50	19	9.7	NA	<0.50	<2.0	<2.0	<2.0	<5.0	36.35	22.25	14.10	NA
S-10	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	21.70	14.65	NA
S-10	02/09/2006	630	<0.500	<0.500	13.8	13.8	NA	<0.500	NA	NA	NA	NA	36.35	20.37	15.98	NA
S-10	05/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	21.31	15.04	NA
S-10	08/23/2006	<50.0	<0.500	<0.500	14.5	3.40	NA	<0.500	<0.500	<0.500	<0.500	<10.0	36.35	22.12	14.23	NA
S-10	11/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.68	13.67	NA
S-10	01/30/2007	120	<0.50	<0.50	7.0	3.3	NA	<0.50	NA	NA	NA	NA	36.35	23.09	13.26	NA

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S-10	05/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	23.20	13.15	NA

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to July 25, 2001, analyzed by EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to July 25, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B.
DIPE = Di-isopropyl 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
TOB = Top of Wellbox Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample
NA = Not applicable

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)

Notes:

a = Ethylbenzene and xylenes combined.

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

c = Depth to water measured from Top of Casing; elevation unknown.

d = Grab sampled.

e = Casing broken; Top of Casing elevation unknown.

f = SPH detected at <0.01 feet.

g = S-6 was purged prior to sampling.

h = Analyzed by EPA Method 8015B (M).

* = Prior to December 22, 1994, well elevations taken from Top of Casing.

Beginning July 18, 2002, well elevations taken from Top of Casing.

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

Calscience Environmental Laboratories, Inc.

June 08, 2007

Michael Ninokata
Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject: **Calscience Work Order No.: 07-06-0087**
Client Reference: 461 8th Street , Oakland, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/2/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Don Burley
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 06/02/07
Work Order No: 07-06-0087
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
S-6	**07-06-0087-1**	**05/29/07**	**Aqueous**	**GC 18**	**06/02/07**	**06/02/07**	**070602B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	56000	5000	100		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	87	38-134	

Method Blank	**099-12-436-516**	**N/A**	**Aqueous**	**GC 18**	**06/02/07**	**06/02/07**	**070602B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	81	38-134	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received:	06/02/07
Work Order No:	07-06-0087
Preparation:	EPA 5030B
Method:	EPA 8260B
Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
S-6	**07-06-0087-1**	**05/29/07**	**Aqueous**	**GC/MS Z**	**06/05/07**	**06/05/07**	**070605L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	17000	50	19	100		Toluene	6700	100	23	100	
1,2-Dibromoethane	ND	20	8.2	20		p/m-Xylene	4000	20	5.5	20	
1,2-Dichloroethane	ND	10	4.9	20		o-Xylene	1400	20	3.4	20	
Ethylbenzene	1700	20	2.7	20		Methyl-t-Butyl Ether (MTBE)	ND	20	4.5	20	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	113	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	96	74-110	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-21,618**	**N/A**	**Aqueous**	**GC/MS Z**	**06/05/07**	**06/05/07**	**070605L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.19	1		Toluene	ND	1.0	0.23	1	
1,2-Dibromoethane	ND	1.0	0.41	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
Ethylbenzene	ND	1.0	0.13	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	121	74-140		1,2-Dichloroethane-d4	118	74-146	
Toluene-d8	102	88-112		1,4-Bromofluorobenzene	90	74-110	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-21,631**	**N/A**	**Aqueous**	**GC/MS Z**	**06/06/07**	**06/06/07**	**070606L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.19	1		Toluene	ND	1.0	0.23	1	
1,2-Dibromoethane	ND	1.0	0.41	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
Ethylbenzene	ND	1.0	0.13	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	115	74-140		1,2-Dichloroethane-d4	117	74-146	
Toluene-d8	104	88-112		1,4-Bromofluorobenzene	91	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 06/02/07
Work Order No: 07-06-0087
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-06-0094-6	**Aqueous**	**GC 18**	**06/02/07**	**06/03/07**	**070602S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	89	83	68-122	6	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 06/02/07
Work Order No: 07-06-0087
Preparation: EPA 5030B
Method: EPA 8260B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-06-0052-8	**Aqueous**	**GC/MS Z**	**06/05/07**	**06/05/07**	**070605S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	98	88-118	4	0-7	
Carbon Tetrachloride	84	87	67-145	4	0-11	
Chlorobenzene	92	96	88-118	4	0-7	
1,2-Dichlorobenzene	91	96	86-116	5	0-8	
1,1-Dichloroethene	100	106	70-130	6	0-25	
Toluene	95	99	87-123	4	0-8	
Trichloroethene	87	92	79-127	5	0-10	
Vinyl Chloride	95	100	69-129	4	0-13	
Methyl-t-Butyl Ether (MTBE)	86	89	71-131	4	0-13	
Tert-Butyl Alcohol (TBA)	59	63	36-168	7	0-45	
Diisopropyl Ether (DIPE)	97	101	81-123	4	0-9	
Ethyl-t-Butyl Ether (ETBE)	85	90	72-126	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	84	89	72-126	5	0-12	
Ethanol	88	89	53-149	1	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 06/02/07
Work Order No: 07-06-0087
Preparation: EPA 5030B
Method: EPA 8260B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-06-0163-1	**Aqueous**	**GC/MS Z**	**06/06/07**	**06/06/07**	**070606S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	96	88-118	2	0-7	
Carbon Tetrachloride	86	87	67-145	2	0-11	
Chlorobenzene	95	95	88-118	0	0-7	
1,2-Dichlorobenzene	94	95	86-116	0	0-8	
1,1-Dichloroethene	105	107	70-130	2	0-25	
Toluene	96	98	87-123	2	0-8	
Trichloroethene	90	91	79-127	2	0-10	
Vinyl Chloride	96	98	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	84	89	71-131	5	0-13	
Tert-Butyl Alcohol (TBA)	62	64	36-168	4	0-45	
Diisopropyl Ether (DIPE)	96	99	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	84	88	72-126	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	83	87	72-126	5	0-12	
Ethanol	104	100	53-149	4	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.	Date Received:	N/A
1680 Rogers Avenue	Work Order No:	07-06-0087
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8015B (M)

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-516	**Aqueous**	**GC 18**	**06/02/07**	**06/02/07**	**070602B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	85	85	78-120	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: N/A
Work Order No: 07-06-0087
Preparation: EPA 5030B
Method: EPA 8260B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-21,618	**Aqueous**	**GC/MS Z**	**06/05/07**	**06/05/07**	**070605L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	111	84-120	10	0-8	X
Carbon Tetrachloride	91	105	63-147	14	0-10	X
Chlorobenzene	99	106	89-119	7	0-7	
1,2-Dichlorobenzene	97	103	89-119	6	0-9	
1,1-Dichloroethene	110	127	77-125	14	0-16	X
Toluene	101	112	83-125	10	0-9	X
Trichloroethene	96	110	89-119	13	0-8	X
Vinyl Chloride	103	116	63-135	12	0-13	
Methyl-t-Butyl Ether (MTBE)	86	92	82-118	8	0-13	
Tert-Butyl Alcohol (TBA)	57	69	46-154	19	0-32	
Diisopropyl Ether (DIPE)	101	108	81-123	7	0-11	
Ethyl-t-Butyl Ether (ETBE)	88	94	74-122	7	0-12	
Tert-Amyl-Methyl Ether (TAME)	87	92	76-124	6	0-10	
Ethanol	86	97	60-138	12	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.	Date Received:	N/A
1680 Rogers Avenue	Work Order No:	07-06-0087
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-21,631	**Aqueous**	**GC/MS Z**	**06/06/07**	**06/06/07**	**070606L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	101	84-120	1	0-8	
Carbon Tetrachloride	95	89	63-147	6	0-10	
Chlorobenzene	100	99	89-119	0	0-7	
1,2-Dichlorobenzene	98	97	89-119	1	0-9	
1,1-Dichloroethene	115	109	77-125	6	0-16	
Toluene	103	106	83-125	3	0-9	
Trichloroethene	97	97	89-119	0	0-8	
Vinyl Chloride	108	108	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	87	82	82-118	6	0-13	
Tert-Butyl Alcohol (TBA)	64	64	46-154	1	0-32	
Diisopropyl Ether (DIPE)	100	97	81-123	4	0-11	
Ethyl-t-Butyl Ether (ETBE)	88	84	74-122	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	85	85	76-124	0	0-10	
Ethanol	92	99	60-138	7	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-06-0087

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

LAB:

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

SHELL Chain Of Custody Record

0087

NAME OF PERSON TO BILL: Denis Brown

- ☑ ENVIRONMENTAL SERVICES
- ☐ NETWORK DEV / FE
- ☐ BILL CONSULTANT
- ☐ COMPLIANCE
- ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 0 9 3 3 9 9

PO #:

SAP or CRMT #:

DATE: 5/29/07

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Blaine Tech Services	BTSS	461 8th St., Oakland	CA	T0600101263

ADDRESS:	EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
1680 Rogers Avenue, San Jose, CA 95112	Ana Friel, CRA, Eureka	707-268-3812	sonomaedf@craworld.com	BTS # 070529-SK1

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

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

LAB USE ONLY: 07-06-0087

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B) EDB, EDC	Ethanol (8260B)	Methanol (8015M)	TPH-motor oil (8015M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)		Total Oil and Grease (1664A)		FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	S-6	5/29/07	1000	W	5	X		X		X						X										TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	(Sample custody)	5/29/07	1740
		5-31-07	1534 hrs
to GSO	(Courier Courier)	6/02/07	08:30

05/02/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 06 - 0087

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: BTS DATE: 6/2/07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
3.5 °C IR thermometer.
_____ Ambient temperature.

Initial: RW

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: RW

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: RW

COMMENTS:

SHELL SITE INSPECTION CHECKLIST

Client Shell Date 6-7-07

Site Address 461 8th St. Oakland

Job Number 070607AA2 Technician Andrew Adinolfi

Site Status _____ Branded Station Vacant Lot Other Parking Lot

Inspected / Labeled / Cleaned - all wells on Scope Of Work	☒	
Inspected / Cleaned Components - all other identifiable wells	☐	N/A
Inspected site for site investigation & site remediation related trip hazards	☒	
Completed all outstanding *BLAINE Wellhead Repair Order(s)*	☐	N/A
Completed *Shell Wellhead Repair Form(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
Visually inspected site drums for condition and proper labeling	☐	N/A
Unresolved deficiencies identified - *"Notice of Deficient Condition"* form(s) completed	☐	N/A

Notes _____

PROJECT MANAGER ONLY

Checklist Reviewed MJ 6/13 Initial/Date Notes

SHELL WELLHEAD REPAIR FORM

(FOR REPAIR TECHNICIAN)

Site Address 461 8th St. Oakland Date 6-7-07

Job Number 070607AA2 Technician Andrew Adinolfi Page 1 of 1

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: 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	Not Securable by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)	All Repairs Completed	Remaining Deficiencies Logged onto *BLAINE Repair Order*	Remaining Deficiencies Logged onto *Notice of Deficient Condition* - BLAINE Unable to Repair
S-4											X							X	
Notes: Below grade																			
Well box type / size: 12" Emco																	Materials used:		
S-5	X																		
Notes:																			
Well box type / size: well in storm drain																	Materials used:		
S-6					X							X						X	
Notes:																			
Well box type / size: 10" Christy																	Materials used:		
S-8								X										X	
Notes: Apron has moderate cracking																			
Well box type / size: 12" Emco																	Materials used:		
S-9	X																		
Notes:																			
Well box type / size: 12" Emco																	Materials used:		
S-10	X																		
Notes:																			
Well box type / size: 12" Emco																	Materials used:		
Notes:																			
Well box type / size:																	Materials used:		

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 461 8th St. Date 5/27/07

Job Number 070529-561 Technician S. Lane / S. Chase Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
S-4		X			X				Lock Replaced
S-6									Not securable well box covers
S-8	X	X							
S-9	X	X							
S-10	X	X							

*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12"or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

Notes:

WELL GAUGING DATA

Project # GU 461 070529-SC1 Date 5/29/07 Client Shell

Site 461 8th St., Oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or (TOC)	Notes
S-4	0847	←	4				21.15	28.65		
S-6	09049	←	4	No SPH detected			20.40	—		
S-8	0906	←	4				22.65	29.01		
S-9	0919	←	4				22.22	29.74		
S-10	0915	←	4				23.20	35.86	↓	
S-5 →	No gauge/	confined	space	per	SOW					
S-6 →	initially	checked	w/	B/S	Interface	probe/	No	SPH	detected.	

SHELL WELL MONITORING DATA SHEET

BTS #: 070529-SC-1	Site: 97093399
Sampler: S. Chase	Date: 5/29/07
Well I.D.: S-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD):	Depth to Water (DTW): 20.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: ~~Bailer~~ / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other

Sampling Method: Bailer / X Disposable Bailer / Extraction Port / Dedicated Tubing / Other:

NP @ 20'

(Gals.) X = Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0956	64.7	7.15	1184	93	—	Clear Odor

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

Sampling Date: 5/29/07 Sampling Time: 1000 Depth to Water:

Sample I.D.: S-6 Laboratory: STL Other CalScience

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

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

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

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