CONESTOGA-ROVERS & ASSOCIATES

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
www.CRAworld.com

TRANSMITTAL

DATE: March 16, 2009

REFERENCE NO.: 241501

PROJECT NAME: 461 8th Street, Oakland

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

RECEIVED
1:34 pm, Mar 24, 2009
Alameda County
Environmental Health

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
- ☐ Other

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- ☒ Mail
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- ☐ Same Day Courier
- ☒ Other GeoTracker and Alameda County FTP

QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – First Quarter 2009

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐
- ☐

COMMENTS:
If you have any questions regarding the contents of the document, please call Tom Sparrowe at (510) 420-3316.

Copy to: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810
Leroy Griffin, Fire Prevention Bureau, 250 Frank Ogawa Plaza, 3rd Floor, Suite 3341, Oakland, CA 94612
A.F. Evans Company, c/o Anye Spivey, 1000 Broadway, Suite 300, Oakland, CA 94507
Wells Fargo Bank, NA, Trustee of Havens, c/o John Ward, P.O. Box 63939, San Francisco, CA 94163
Leah Goldberg, Meyers Nave, 555 12th St., Suite 1500, Oakland, CA 94607
Grover Buhr, Treadwell & Rollo *(electronic copy only)*

Completed by: Tom Sparrowe Signed: Tom Sparrowe

Filing: **Correspondence File**

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

Mr. Jerry Wickham
Alameda County Health Care Services Agendy
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94205-6577

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

Dear Mr. Wickham:

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

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

Sincerely,

Denis L. Brown
Project Manager

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2009

FORMER SHELL SERVICE STATION
461 8TH STREET
OAKLAND, CALIFORNIA

SAP CODE	**129453**
INCIDENT NO.	**97093399**
AGENCY NO.	**RO0000343**

Prepared by:
Conestoga-Rovers & Associates

5900 Hollis Street, Suite A
Emeryville, California
U.S.A. 94608

Office: (510) 420-0700
Fax: (510) 420-9170

web: http:\\www.CRAworld.com

MARCH 16, 2009
REF. NO. 241501 (8)

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LIST OF FIGURES
(Following Text)

LIST OF APPENDICES

1.0 INTRODUCTION

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.

1.1 SITE INFORMATION

Site Address	461 8th Street, Oakland
Site Use	Parking lot
Shell Project Manager	Denis Brown
CRA Project Manager	Tom Sparrowe
Lead Agency and Contact	ACHCSA, Jerry Wickham
Agency Case No.	RO0000343
Shell SAP Code:	129453
Shell Incident No.	97093399

Date of most recent agency correspondence was February 20, 2009.

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

On January 5, 2009, Blaine Tech Services, Inc. (Blaine) gauged and sampled site wells according to the modified groundwater monitoring program for this site.

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 Appendix A.

CRA continued in-situ chemical oxidation (ISCO) injections at the site and followed the modified groundwater monitoring program in accordance with Alameda County Health Care Services Agency's (ACHCSA's) November 24, 2008 letter. On December 18, 2008 and January 5, 2009, Blaine gauged and sampled wells S-8, S-9, S-10, S-12, S-13, S-14R, S-19, S-21A, S-21B, S-22A, and S-22B. On January 15, 2009 Blaine gauged and sampled these wells and wells S-17 and S-18. On February 12, 2009, Blaine gauged and sampled these wells and wells S-20 and S-23. The wells were analyzed for the following parameters:

- Total petroleum hydrocarbons as gasoline (TPHg), benzene, ethylbenzene, toluene, xylenes (BTEX) (EPA Method 8260B);
- Nitrate, sulfate, chloride, bromide (EPA Method 300 series);
- Total and dissolved metals: manganese (Mn), arsenic (As), nickel (Ni), total chromium (Cr), and iron (Fe) (EPA Method 6000/7000 series);
- Ferrous and ferric iron (EPA Method 300 series);
- Chromium VI (Cr^{+6});
- Dissolved oxygen (DO) (field instrument);
- Oxygen reduction potential (ORP) (field instrument); and
- Total suspended solids.

The results of the post-ISCO injection sampling events will be presented in an ISCO pilot test report under separate cover. The laboratory reports are included in Appendix A.

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Southwesterly
Hydraulic Gradient	0.01 (average)
Depth to Water	16.71 to 24.75 feet below top of well casing

2.3 PROPOSED ACTIVITIES FOR NEXT QUARTER

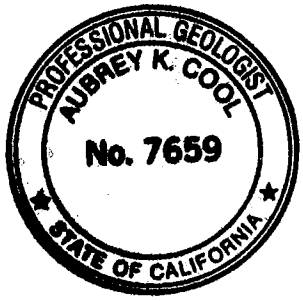
CRA will initiate a second phase of ISCO injections at the site and a modified groundwater monitoring program in accordance with ACHCSA's February 20, 2009 letter. Groundwater monitoring will be conducted at injection wells S-13, S-18, S-20, S-21A, S-22A, and S-23 and at monitoring wells OW-1, S-9, S-14R, S-17, S-19, S-21B, and S-22B, prior to the oxidant injection, 1 week after the oxidant injection, and 1 month after the oxidant injection. Groundwater samples collected during these events will be analyzed for the following parameters:

- TPHg and BTEX (EPA Method 8260B);
- Sulfate (EPA Method 300 series);
- Total and dissolved metals: As, Ni, total Cr, and Fe (EPA Method 6000/7000 series);
- Cr^{+6};
- DO (field instrument);
- ORP (field instrument); and
- Total suspended solids.

All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

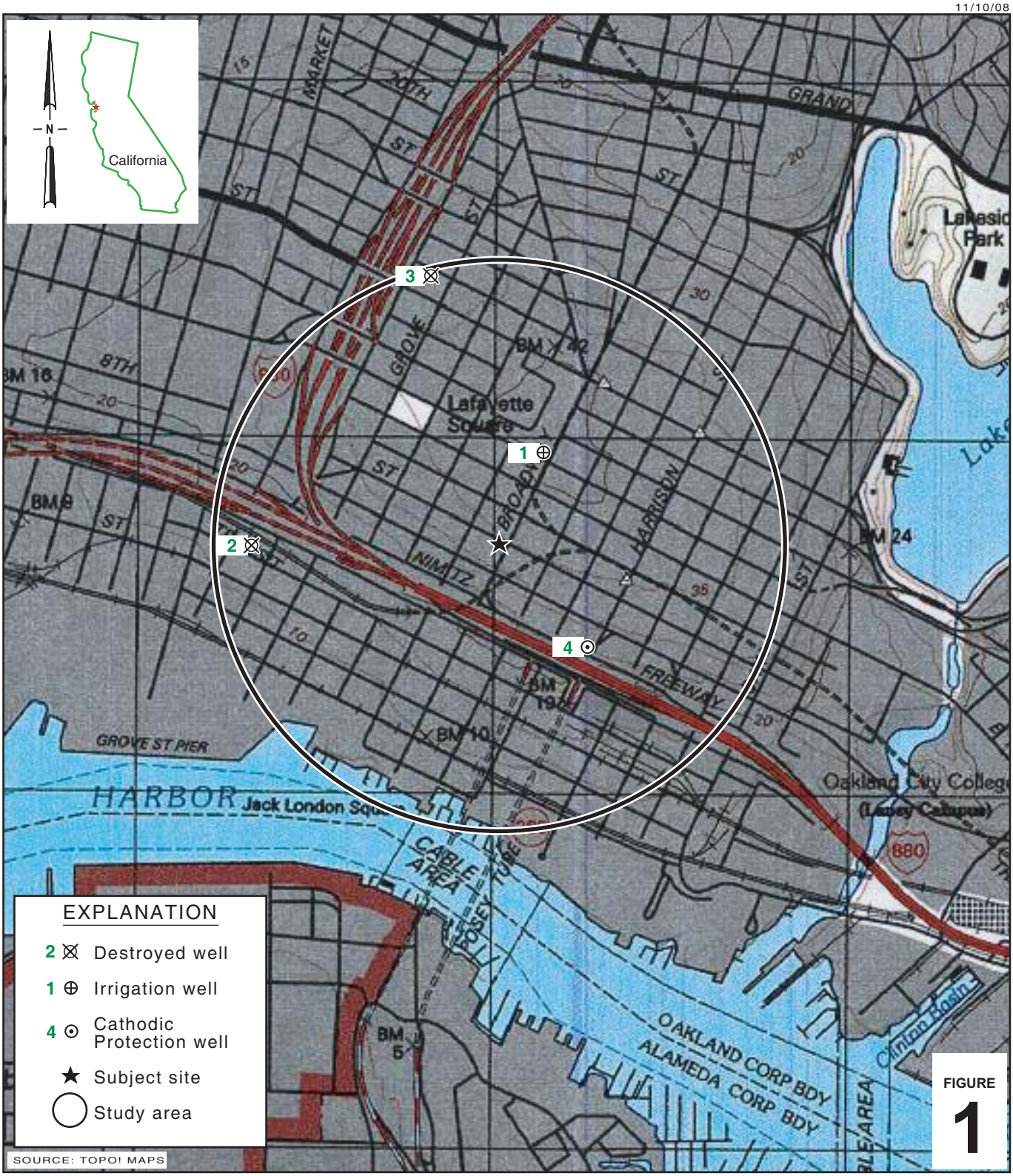
Thomas Sparrowe, PG

Aubrey K. Cool, PG



FIGURES

11/10/08



I:\Shell\6-chars\2415--\241501-Oakland 461 8th\241501-FIGURES\241501 VICINITY.Ai

FIGURE
1

0 1/8 1/4 1/2 1

SCALE (MILES)

Former Shell Service Station
461 8th Street
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

03/13/09

Groundwater Elevation and Chemical Concentration Map

January 5, 2009

8TH STREET

7TH STREET

BROADWAY

Building

Building

Former Shell Station
461 8th St.

Former USTs

Former Dispenser Island (typ.)

Former Fuel Lines

Driveway

Driveway

Driveway

Freight Elevator

Well	ELEV	TPHg	Benzene
S-1			
S-10	12.48	ND	ND
S-22A	12.03	56,000	4,500
S-22B*	7.12	110	1.9
S-23	12.24	830	63
S-8	12.55	170	15
S-21A	12.02	28,000	3,100
S-21B*	12.06	5,400	35
S-16			
S-12	11.69	95	16
OW-1			
S-15			
AS-1			
S-14			
S-14R	12.15	2,100	89
S-17	11.84	15,000	790
S-13	11.51	8,200	700
S-18	11.87	20,000	830
S-20	11.72	17,000	1,500
S-9	11.59	1,000	230
S-19	12.01	3,400	230
S-5	NA	57,000	2,300
S-4	13.49	250	1.8
S-6	8.90	53,000	9,400

12.50

11.00

9.50

0.01

EXPLANATION

- S-4 — Monitoring well location
- S-21B* — Deeper monitoring well location (not used in contouring)
- OW-1 — Observation well location
- S-1 — Destroyed well location
- Storm drain line
- Water line
- Sanitary sewer line
- Telecommunications line
- Gas line
- Electrical line
- M.H. — Manhole
- C.B. — Catch basin
- FL = 16.50' — Flow line depth below ground surface
- x.xx — Groundwater flow direction and gradient
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl)
- Well designation
- ELEV — Groundwater elevation, in feet above msl
- TPHg and Benzene concentrations are in micrograms per liter

Notes:
NA = Not available; well not surveyed
ND = Not detected

N

0 20 40 80

Scale (ft)

FIGURE

2

Former Shell Service Station
461 8th Street
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Base map modified from 6-25-08 Virgil Chavez Land Survey map.

I:\Shell\6-chars\2415--\241501-Oakland 461 8th\241501-REPORTS\241501-RPT8-1q09\241501 1QM09-GW.DWG

APPENDIX A

BLAINE TECH SERVICES, INC. – GROUNDWATER MONITORING REPORT

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

March 4, 2009

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

First Quarter 2009 Groundwater Monitoring at
Former Shell-branded Service Station
461 8th Street
Oakland, CA

Monitoring performed on December 18, 2008, January 5 and 15, and February 12, 2009

Groundwater Monitoring Report **091202-MT-1 (Special)**

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.

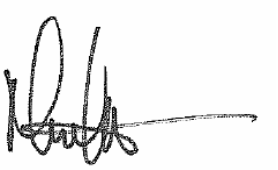
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

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/tm

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

cc: Anni Kreml
Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608

WELL CONCENTRATIONS - TABLE 1
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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-4	10/26/1988	130	3.8	13	4.0	30	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA	NA	NA
S-4	02/14/1989	<50	0.5	<1	<1	3.0	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	12.82	80.69	NA	NA	NA
S-4	05/01/1989	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	16.48	77.03	NA	NA	NA
S-4	07/27/1989	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.84	77.67	NA	NA	NA
S-4	10/05/1989	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.98	77.53	NA	NA	NA
S-4	01/09/1990	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.86	77.65	NA	NA	NA
S-4	04/30/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.48	79.03	NA	NA	NA
S-4	07/31/1990	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA	NA	NA
S-4	10/30/1990	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA	NA	NA
S-4	05/06/1991	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.23	78.28	NA	NA	NA
S-4	06/27/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	13.54	79.97	NA	NA	NA
S-4	09/24/1991	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.85	77.66	NA	NA	NA
S-4	11/07/1991	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.60	77.91	NA	NA	NA
S-4	02/13/1992	<50	<0.5	<0.5	<0.5	3.0	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.27	79.24	NA	NA	NA
S-4	05/11/1992	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA	NA	NA
S-4	12/03/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA	NA	NA
S-4	05/13/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.81	78.70	NA	NA	NA
S-4	07/22/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.42	79.09	NA	NA	NA
S-4	10/20/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA	NA	NA
S-4	01/25/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.60	78.91	NA	NA	NA
S-4	04/25/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.39	79.12	NA	NA	NA
S-4	07/21/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	22.29	71.22	NA	NA	NA
S-4	10/24/1994	<500	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	22.72	70.79	NA	NA	NA
S-4	12/22/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	25.77*	22.25	3.52	NA	NA	NA
S-4	04/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.16	4.61	NA	NA	NA
S-4	10/04/1995	<50	1.2	0.7	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	25.77	22.25	3.52	NA	NA	NA
S-4	01/03/1996	<50	0.6	<0.5	<0.5	1.7	NA	NA	NA	NA	NA	NA	NA	NA	25.77	23.28	2.49	NA	NA	NA
S-4	04/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	21.58	4.19	NA	NA	NA
S-4	07/11/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	21.60	4.17	NA	NA	NA
S-4	10/02/1996	<50	<0.50	<0.50	<0.50	<0.50	2.6	NA	NA	NA	NA	NA	NA	NA	25.77	22.46	3.31	NA	NA	NA
S-4	01/22/1997	<50	0.73	<0.50	<0.50	0.63	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	20.06	5.71	NA	NA	NA
S-4	07/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	22.10	3.67	NA	NA	NA
S-4	01/22/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	20.50	5.27	NA	NA	NA
S-4	07/08/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	20.86	4.91	NA	NA	NA
S-4	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.41	4.36	NA	NA	NA
S-4	01/28/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	22.34	3.43	NA	NA	NA
S-4	04/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.43	4.34	NA	NA	NA

WELL CONCENTRATIONS - TABLE 1
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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-4	07/29/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	25.77	21.45	4.32	NA	NA	NA
S-4	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	22.08	3.69	NA	NA	NA
S-4	01/07/2000	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	22.29	3.48	NA	NA	NA
S-4	04/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.11	4.66	NA	NA	NA
S-4	07/19/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	25.77	21.19	4.58	NA	NA	NA
S-4	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	22.22	3.55	NA	NA	NA
S-4	01/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	25.77	22.17	3.60	NA	NA	NA
S-4	04/06/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.50	4.27	NA	NA	NA
S-4	07/25/2001	<50	2.0	0.52	<0.50	1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	25.77	21.50	4.27	NA	NA	NA
S-4	11/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.95	3.82	NA	NA	NA
S-4	01/17/2002 d	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	25.77	21.13	4.64	NA	NA	NA
S-4	05/08/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.35	4.42	NA	NA	NA
S-4	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	34.41	21.19	13.22	NA	NA	NA
S-4	10/15/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.42	12.99	NA	NA	NA
S-4	01/02/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	34.41	20.75	13.66	NA	NA	NA
S-4	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.08	13.33	NA	NA	NA
S-4	07/14/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.93	14.48	NA	NA	NA
S-4	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.56	14.85	NA	NA	NA
S-4	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	34.41	19.12	15.29	NA	NA	NA
S-4	04/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.15	15.26	NA	NA	NA
S-4	07/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.48	13.93	NA	NA	NA
S-4	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.00	13.41	NA	NA	NA
S-4	01/17/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	34.41	20.17	14.24	NA	NA	NA
S-4	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.82	14.59	NA	NA	NA
S-4	07/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.71	13.70	NA	NA	NA
S-4	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.85	13.56	NA	NA	NA
S-4	02/09/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	34.41	19.47	14.94	NA	NA	NA
S-4	05/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.52	14.89	NA	NA	NA
S-4	08/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.75	13.66	NA	NA	NA
S-4	11/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.03	14.38	NA	NA	NA
S-4	01/30/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	34.41	21.30	13.11	NA	NA	NA
S-4	05/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.15	13.26	NA	NA	NA
S-4	08/15/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.38	13.03	NA	NA	NA
S-4	11/28/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.55	12.86	NA	NA	NA
S-4	02/08/2008	64 h	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	34.41	22.75	11.66	NA	NA	NA
S-4	05/08/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	22.18	12.23	NA	NA	NA
S-4	08/14/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.77	12.64	NA	NA	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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-4	11/11/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.68	13.73	NA	NA	NA
S-4	**01/05/2009**	**250**	**1.8**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**<0.50**	**<1.0**	**34.41**	**20.92**	**13.49**	**NA**	**NA**	**NA**
S-5	04/16/1987	130000	15000	16000	NA	14000 a	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA	NA	NA
S-5	10/26/1988	110000	20000	25000	2300	10000	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA	NA	NA
S-5	02/14/1989	94000	16000	21000	1800	10000	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	19.87	79.49	NA	NA	NA
S-5	05/01/1989	120000	29000	35000	3100	15000	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.23	78.13	NA	NA	NA
S-5	07/27/1989	110000	20000	29000	2400	14000	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.41	78.95	NA	NA	NA
S-5	10/05/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.43	78.94	0.01	NA	NA
S-5	01/09/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.16	78.21	0.01	NA	NA
S-5	04/30/1990	100000	13000	22000	2100	11000	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.96	78.40	NA	NA	NA
S-5	07/31/1990	53000	8300	14000	1200	7400	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.88	78.48	NA	NA	NA
S-5	10/30/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.96	77.42	0.03	NA	NA
S-5	05/06/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	23.00	76.46	0.13	NA	NA
S-5	06/27/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.53	78.85	0.03	NA	NA
S-5	09/24/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.40	78.01	0.06	NA	NA
S-5	11/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.33	78.23	0.25	NA	NA
S-5	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.52	77.09	0.31	NA	NA
S-5	05/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.46	77.36	0.58	NA	NA
S-5	12/03/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA	NA	NA
S-5	05/13/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.22	77.36	0.27	NA	NA
S-5	07/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.68	77.88	0.25	NA	NA
S-5	10/20/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.51	79.03	0.23	NA	NA
S-5	01/25/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.93	77.57	0.18	NA	NA
S-5	04/25/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.97	77.67	0.35	NA	NA
S-5	05/26/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.84	78.80	0.35	NA	NA
S-5	06/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.01	78.61	0.32	NA	NA
S-5	07/21/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.18	77.56	0.47	NA	NA
S-5	08/25/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.01	77.70	0.44	NA	NA
S-5	09/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.00	77.48	0.15	NA	NA
S-5	10/24/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.28	77.53	0.56	NA	NA
S-5	12/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94*	22.88	0.85	0.99	NA	NA
S-5	04/20/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	21.66	1.54	0.33	NA	NA
S-5	10/04/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	22.18	0.76	NA	NA	NA
S-5	01/03/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	22.80	0.80	0.83	NA	NA
S-5	04/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	21.15	2.33	0.67	NA	NA
S-5	07/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	22.62	1.04	0.90	NA	NA

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S-5	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	23.07	0.38	0.64	NA	NA
S-5	01/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	20.83	2.24	0.16	NA	NA
S-5	07/21/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	21.16	1.82	0.05	NA	NA
S-5	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	20.04	2.93	0.04	NA	NA
S-5	07/08/1998	220	14	40	5.8	34	3.3	NA	NA	NA	NA	NA	NA	NA	22.94	18.61	4.33	NA	NA	NA
S-5	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	17.31	5.63	NA	NA	NA
S-5	01/28/1999	51000	13000	1200	1200	2400	2400	NA	NA	NA	NA	NA	NA	NA	22.94	20.11	2.83	NA	NA	NA
S-5	04/23/1999	65600	2540	7300	1790	9840	<1000	NA	NA	NA	NA	NA	NA	NA	22.94	19.21	3.73	NA	NA	NA
S-5	07/29/1999	61400	3320	6980	1520	7700	<1000	NA	NA	NA	NA	NA	NA	NA	22.94	14.77	8.17	NA	NA	NA
S-5	11/01/1999	48200	2700	5740	1290	7850	<500	<40.0	NA	NA	NA	NA	NA	NA	22.94	15.56	7.38	NA	NA	NA
S-5	01/07/2000	39000	3900	8500	790	8300	1500	NA	NA	NA	NA	NA	NA	NA	22.94	15.82	7.12	NA	NA	NA
S-5	04/11/2000	29300	1680	5060	1130	6220	<250	NA	NA	NA	NA	NA	NA	NA	22.94	18.19	4.75	NA	NA	NA
S-5	07/19/2000	6420	2110	207	252	681	355	253 b	NA	NA	NA	NA	NA	NA	22.94	19.01	3.93	NA	NA	NA
S-5	10/12/2000	41500	2940	4940	1520	7770	<250	<66.7	NA	NA	NA	NA	NA	NA	22.94	19.62	3.32	NA	NA	NA
S-5	01/09/2001	142000	7030	9550	2340	12600	779	NA	NA	NA	NA	NA	NA	NA	22.94	19.94	3.00	NA	NA	NA
S-5	04/06/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	NA	NA	NA	NA	NA
S-5	04/13/2001	59800	4810	10800	1950	10100	842	<10.0	NA	NA	NA	NA	NA	NA	22.94	14.72	8.22	NA	NA	NA
S-5	07/25/2001	71000	2900	6800	1700	9100	NA	<250	NA	NA	NA	NA	NA	NA	22.94	14.91	8.03	NA	NA	NA
S-5	08/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	19.43	3.51	NA	NA	NA
S-5	11/01/2001	Unable to locate		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	NA	NA	NA	NA	NA
S-5	01/17/2002 d	58000	460	3300	1900	8400	NA	<200	NA	NA	NA	NA	NA	NA	c	14.27	NA	NA	NA	NA
S-5	05/08/2002 d	60000	650	2700	1800	8800	NA	<100	NA	NA	NA	NA	NA	NA	22.94	18.40	4.54	NA	NA	NA
S-5	07/18/2002	53000	240	1200	1500	6400	NA	<100	NA	NA	NA	NA	NA	NA	27.36	14.25	13.11	NA	NA	NA
S-5	10/15/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.36	NA	NA	NA	NA	NA
S-5	10/17/2002	42000	420	1100	1200	5500	NA	<10	NA	NA	NA	NA	NA	NA	27.36	14.90	12.46	NA	NA	NA
S-5	01/02/2003	26000	680	1500	780	3800	NA	<5.0	NA	NA	NA	NA	NA	NA	27.36	14.72	12.64	NA	NA	NA
S-5	04/15/2003	3600	29	38	65	370	NA	<5.0	NA	NA	NA	NA	NA	NA	e	14.45	NA	NA	NA	NA
S-5	07/14/2003	21000	210	460	650	2900	NA	<10	NA	NA	NA	NA	NA	NA	e	14.10	NA	NA	NA	NA
S-5	10/20/2003	37000	390	590	870	3500	NA	<13	NA	NA	NA	NA	NA	NA	e	14.63	NA	NA	NA	NA
S-5	01/22/2004	29000	200	210	710	2400	NA	<13	NA	NA	NA	NA	NA	NA	e	14.08	NA	NA	NA	NA
S-5	04/19/2004	25000	490	460	750	2400	NA	19	NA	NA	NA	NA	NA	NA	e	13.43	NA	NA	NA	NA
S-5	07/13/2004	28000	300	280	690	2400	NA	<13	NA	NA	NA	NA	NA	NA	e	14.88	NA	NA	NA	NA
S-5	08/14/2008	31,000	1,700	1,600	1,400	3,350	NA	<10	NA	NA	NA	NA	<5.0	<10	e	16.65	NA	NA	NA	NA
S-5	11/11/2008 k	37,000	2,500	1,300	2,000	3,490	NA	<50	NA	NA	NA	NA	<25	<50	e	16.81	NA	NA	NA	NA
S-5	11/11/2008 l	40,000	2,300	1,400	1,900	3,630	NA	<50	NA	NA	NA	NA	<25	<50	e	16.81	NA	NA	NA	NA
S-5	**01/05/2009**	**57,000**	**2,300**	**1,400**	**1,500**	**2,900**	**NA**	**<10**	**NA**	**NA**	**NA**	**NA**	**<5.0**	**<10**	**e**	**16.71**	**NA**	**NA**	**NA**	**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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-6	04/16/1987	81000	16000	9000	NA	6400 a	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	NA	NA	NA	NA	NA
S-6	10/26/1988	110000	29000	18000	2500	8200	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	NA	NA	NA	NA	NA
S-6	02/14/1989	54000	18000	4500	1400	4000	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	20.87	79.71	NA	NA	NA
S-6	05/01/1989	93000	43000	9900	3000	8000	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	20.49	80.09	NA	NA	NA
S-6	07/27/1989	52000	20000	3200	1700	5500	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.01	79.57	NA	NA	NA
S-6	10/05/1989	55000	20000	2900	1600	5500	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.24	79.34	NA	NA	NA
S-6	01/09/1990	76000	35000	9100	2300	8600	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.62	77.96	SHEEN	NA	NA
S-6	04/30/1990	39000	13000	2300	900	2800	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.10	78.48	NA	NA	NA
S-6	07/31/1990	48000	20000	4600	1500	4900	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.00	78.58	NA	NA	NA
S-6	10/30/1990	27000	7400	900	600	1400	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.14	78.44	NA	NA	NA
S-6	05/06/1991	35000	3900	2700	2300	3500	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.40	78.18	NA	NA	NA
S-6	06/27/1991	51000	19000	5600	1700	6300	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.21	79.37	NA	NA	NA
S-6	09/24/1991	42000	14000	4300	1200	4000	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.26	78.32	NA	NA	NA
S-6	11/07/1991	39000	11000	2000	800	2300	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.35	78.23	NA	NA	NA
S-6	02/13/1992	64000	21000	6200	1600	5100	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.28	78.30	NA	NA	NA
S-6	05/11/1992	57000	22000	7600	2200	7700	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.10	78.48	NA	NA	NA
S-6	12/03/1992	110000	26000	9400	2100	8700	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.14	78.44	NA	NA	NA
S-6	05/13/1993	58000	21000	6800	2500	9800	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.16	78.42	NA	NA	NA
S-6	07/22/1993	70000	31000	14000	3000	13000	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.64	78.94	NA	NA	NA
S-6	10/20/1993	48000	28000	9800	3200	12000	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.62	78.96	NA	NA	NA
S-6	01/25/1994	70000	23000	7500	2500	8000	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.80	78.78	NA	NA	NA
S-6	04/25/1994	61000	16000	4000	1800	5100	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.68	78.90	NA	NA	NA
S-6	07/21/1994	44000	8200	3600	1400	3900	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.78	78.80	NA	NA	NA
S-6 (D)	07/21/1994	32000	7800	3400	1300	3700	NA	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	10/24/1994	2936	1184	440.6	163	648.4	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.06	78.52	NA	NA	NA
S-6 (D)	10/24/1994	2968	770.8	325.3	144	622	NA	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	12/22/1994	32000	7000	2900	790	2400	NA	NA	NA	NA	NA	NA	NA	NA	22.08*	21.91	0.17	NA	NA	NA
S-6 (D)	12/22/1994	32000	8000	3800	1100	3400	NA	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	04/20/1995	56000	15000	3800	1900	4900	NA	NA	NA	NA	NA	NA	NA	NA	22.08	21.38	0.70	NA	NA	NA
S-6 (D)	04/20/1995	49000	13000	3500	1800	4700	NA	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	10/04/1995	49000	8400	4700	1800	4800	NA	NA	NA	NA	NA	NA	NA	NA	22.08	21.80	0.28	NA	NA	NA
S-6 (D)	10/04/1995	41000	8400	4100	1400	4400	NA	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	01/03/1996	52000	9100	7100	1800	5800	NA	NA	NA	NA	NA	NA	NA	NA	22.08	21.70	0.38	NA	NA	NA
S-6	04/11/1996	59000	11000	7100	2100	6400	<500	NA	NA	NA	NA	NA	NA	NA	22.08	21.62	0.46	NA	NA	NA
S-6 (D)	04/11/1996	59000	11000	6800	1900	6400	<500	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	07/11/1996	72000	18000	6600	2500	8400	<1000	NA	NA	NA	NA	NA	NA	NA	22.08	21.65	2.78	NA	NA	NA
S-6	10/02/1996	57000	11000	6500	1500	5100	<500	NA	NA	NA	NA	NA	NA	NA	22.08	21.80	2.63	NA	NA	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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-6	01/22/1997	67000	15000	5000	1800	5400	<1000	NA	NA	NA	NA	NA	NA	NA	22.08	19.95	2.13	NA	NA	NA
S-6 (D)	01/22/1997	63000	15000	4800	1800	5200	<1000	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	07/21/1997	61000	15000	2100	1100	3500`	1900	NA	NA	NA	NA	NA	NA	NA	22.08	20.61	1.47	NA	NA	NA
S-6	01/22/1998	46000	14000	3200	1300	3400	<500	NA	NA	NA	NA	NA	NA	NA	22.08	19.82	2.26	NA	NA	NA
S-6	07/08/1998	74000	26000	7500	2200	6200	<1000	NA	NA	NA	NA	NA	NA	NA	22.08	18.20	3.88	NA	NA	NA
S-6	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.08	18.81	3.27	NA	NA	NA
S-6	01/28/1999	120000	9000	14000	2700	14000	3700	NA	NA	NA	NA	NA	NA	NA	22.08	19.73	2.35	NA	NA	NA
S-6	04/23/1999	58500	15900	1360	1640	3030	<2500	NA	NA	NA	NA	NA	NA	NA	22.08	17.58	4.50	NA	NA	NA
S-6	07/29/1999	36200	10300	760	930	1360	<1000	NA	NA	NA	NA	NA	NA	NA	22.08	21.35	0.73	NA	NA	NA
S-6	11/01/1999	36000	11700	767	865	1670	<1250	<40.0	NA	NA	NA	NA	NA	NA	22.08	19.23	2.85	NA	NA	NA
S-6	01/07/2000	36000	7600	4600	840	3600	<1000	NA	NA	NA	NA	NA	NA	NA	22.08	19.53	2.55	NA	NA	NA
S-6	04/11/2000	14600	7540	205	306	609	621	NA	NA	NA	NA	NA	NA	NA	22.08	18.16	3.92	NA	NA	NA
S-6	07/19/2000	2590	629	63.9	99.6	267	124	72.7 b	NA	NA	NA	NA	NA	NA	22.08	18.40	3.68	NA	NA	NA
S-6	10/12/2000	32900	14200	966	1060	1790	<500	<100	NA	NA	NA	NA	NA	NA	22.08	19.52	2.56	NA	NA	NA
S-6	01/09/2001	27600	11200	675	666	1580	1430	<10.0 b	NA	NA	NA	NA	NA	NA	22.08	19.69	2.39	NA	NA	NA
S-6	02/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.08	19.20	2.88	NA	NA	NA
S-6	04/06/2001	16900	7800	343	172	966	809	<20.0	NA	NA	NA	NA	NA	NA	22.08	18.25	3.83	NA	NA	NA
S-6	07/25/2001	29000	9800	1700	1000	1800	NA	<250	NA	NA	NA	NA	NA	NA	22.08	18.27	3.81	NA	NA	NA
S-6	11/01/2001	41000	15000	2400	1100	2500	NA	<500	NA	NA	NA	NA	NA	NA	22.08	19.30	2.78	NA	NA	NA
S-6	01/17/2002 d	38000	11000	1700	990	2200	NA	<500	NA	NA	NA	NA	NA	NA	22.08	18.51	3.57	NA	NA	NA
S-6	05/08/2002	72000	21000	4400	2200	5300	NA	<1000	NA	NA	NA	NA	NA	NA	22.08	18.30	3.78	NA	NA	NA
S-6	07/18/2002	71000	17000	4300	1700	4800	NA	<1000	NA	NA	NA	NA	NA	NA	30.56	18.19	12.37	NA	NA	NA
S-6	10/15/2002	55000	16000	4600	1500	4600	NA	<100	NA	NA	NA	NA	NA	NA	30.56	18.77	11.79	NA	NA	NA
S-6	01/02/2003	75000	21000	5000	2400	6400	NA	<50	NA	NA	NA	NA	NA	NA	30.56	18.60	11.96	NA	NA	NA
S-6	04/15/2003	64000	29000	6400	2700	5600	NA	<1000	NA	NA	NA	NA	NA	NA	30.56	18.27	12.29	NA	NA	NA
S-6	07/14/2003	47000	19000	4300	1500	4300	NA	<100	NA	NA	NA	NA	NA	NA	30.56	18.05	12.51	NA	NA	NA
S-6	10/20/2003	63000	21000	5800	1900	5200	NA	<130	NA	NA	NA	NA	NA	NA	30.56	18.55	12.01	f	NA	NA
S-6	01/22/2004	41000	21000	4300	1800	4000	NA	<130	NA	NA	NA	NA	NA	NA	30.56	18.18	12.38	f	NA	NA
S-6	04/19/2004	58000	23000	4200	2200	3900	NA	<130	NA	NA	NA	NA	NA	NA	30.56	17.32	13.24	NA	NA	NA
S-6	05/03/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.56	17.30	13.26	NA	NA	NA
S-6	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.56	17.70	12.86	NA	NA	NA
S-6	07/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.56	17.85	12.71	NA	NA	NA
S-6	10/28/2004 g	45000	21000	3600	1700	3300	NA	<130	NA	NA	NA	NA	NA	NA	30.56	18.45	12.11	NA	NA	NA
S-6	01/17/2005	61000	21000	3500	1600	3200	NA	<130	NA	NA	NA	NA	NA	NA	30.56	17.52	13.04	NA	NA	NA
S-6	04/14/2005	36000	12000	6200	850	4800	NA	<50	NA	NA	NA	NA	NA	NA	30.56	22.49	8.07	NA	NA	NA
S-6	07/28/2005	54000	16000	9100	1800	5900	NA	<130	NA	NA	NA	NA	NA	NA	30.56	19.38	11.18	NA	NA	NA
S-6	10/05/2005	59000	14000	7500	1400	5000	NA	<50	NA	NA	NA	NA	NA	NA	30.56	18.32	12.24	NA	NA	NA

WELL CONCENTRATIONS - TABLE 1
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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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-6	02/09/2006	41100	7060	3900	673	2380	NA	<0.500	NA	NA	NA	NA	NA	NA	30.56	17.11	13.45	NA	NA	NA
S-6	05/15/2006	188000	24800	20700	2540	12400	NA	<25.0	NA	NA	NA	NA	NA	NA	30.56	19.80	10.76	NA	NA	NA
S-6	08/23/2006	133000	24900	16100	2280	10500	NA	<0.500	NA	NA	NA	NA	NA	NA	30.56	20.45	10.11	NA	NA	NA
S-6	11/15/2006	66000	19000	8400	1900	7400	NA	<400	NA	NA	NA	NA	NA	NA	30.56	20.41	10.15	NA	NA	NA
S-6	01/30/2007	88000	18000	9600	1900	7200	NA	<100	NA	NA	NA	NA	NA	NA	30.56	20.47	10.09	NA	NA	NA
S-6	05/29/2007	56000 h	17000	6700	1700	5400	NA	<20	NA	NA	NA	NA	NA	NA	30.56	20.40	10.16	NA	NA	NA
S-6	08/15/2007	57000 h,i	15000	6800	1600	6100	NA	<100	NA	NA	NA	NA	NA	NA	30.56	20.49	10.07	NA	NA	NA
S-6	11/28/2007	42000 h	13000	5000	1300	5000	NA	<100	NA	NA	NA	NA	NA	NA	30.56	20.65	9.91	NA	NA	NA
S-6	02/08/2008	35000 h	12000	5000	1200	4050	NA	<100	NA	NA	NA	NA	<50	<100	30.56	20.31	10.25	NA	NA	NA
S-6	05/08/2008	45000 h	15000	6100	1400	5000	NA	<100	NA	NA	NA	NA	<50	<100	30.56	20.63	9.93	NA	NA	NA
S-6	08/14/2008	37,000	11,000	5,200	1,200	4,600	NA	<100	NA	NA	NA	NA	<50	<100	30.56	20.65	9.91	NA	NA	NA
S-6	11/11/2008 k	37,000	15,000	6,200	1,200	3,390	NA	<10	NA	NA	NA	NA	<5.0	<10	30.56	20.79	9.77	NA	NA	NA
S-6	11/11/2008 l	14,000	5,200	680	400	1,060	NA	<50	NA	NA	NA	NA	<25	<50	30.56	20.79	9.77	NA	NA	NA
S-6	**01/05/2009**	**53,000**	**9,400**	**3,600**	**890**	**3,100**	**NA**	**<100**	**NA**	**NA**	**NA**	**NA**	**<50**	**<100**	**30.56**	**21.66**	**8.90**	**NA**	**NA**	**NA**
S-8	12/22/1994	600	120	32	5.2	34	NA	NA	NA	NA	NA	NA	NA	NA	27.21	24.87	2.34	NA	NA	NA
S-8	04/20/1995	460	180	23	5.2	21	NA	NA	NA	NA	NA	NA	NA	NA	27.21	23.90	3.31	NA	NA	NA
S-8	10/04/1995	830	210	38	11	42	NA	NA	NA	NA	NA	NA	NA	NA	27.21	24.48	2.73	NA	NA	NA
S-8	01/03/1996	350	61	12	2.5	12	NA	NA	NA	NA	NA	NA	NA	NA	27.21	24.62	2.59	NA	NA	NA
S-8 (D)	01/03/1996	340	54	12	2.4	12	NA	NA	NA	NA	NA	NA	NA	NA	27.21	NA	NA	NA	NA	NA
S-8	04/11/1996	570	140	37	12	47	<6.2	NA	NA	NA	NA	NA	NA	NA	27.21	24.32	2.89	NA	NA	NA
S-8	07/11/1996	980	98	32	9.1	160	<12	NA	NA	NA	NA	NA	NA	NA	27.21	24.10	3.11	NA	NA	NA
S-8	10/02/1996	280	62	13	3.3	25	15	NA	NA	NA	NA	NA	NA	NA	27.21	25.38	1.83	NA	NA	NA
S-8 (D)	10/02/1996	490	110	24	7.0	45	22	<2.0	NA	NA	NA	NA	NA	NA	27.21	NA	NA	NA	NA	NA
S-8	01/22/1997	400	90	13	4.9	25	12	NA	NA	NA	NA	NA	NA	NA	27.21	23.91	3.30	NA	NA	NA
S-8	07/21/1997	2900	380	110	26	260	85	NA	NA	NA	NA	NA	NA	NA	27.21	23.62	3.59	NA	NA	NA
S-8 (D)	07/21/1997	3200	420	120	32	300	130	NA	NA	NA	NA	NA	NA	NA	27.21	NA	NA	NA	NA	NA
S-8	01/22/1998	3800	790	140	42	330	160	NA	NA	NA	NA	NA	NA	NA	27.21	23.52	3.69	NA	NA	NA
S-8 (D)	01/22/1998	3500	780	120	33	300	160	NA	NA	NA	NA	NA	NA	NA	27.21	NA	NA	NA	NA	NA
S-8	07/08/1998	3600	1800	<25	<25	<25	<125	NA	NA	NA	NA	NA	NA	NA	27.21	21.52	5.69	NA	NA	NA
S-8 (D)	07/08/1998	4000	1800	<25	<25	31	<125	NA	NA	NA	NA	NA	NA	NA	27.21	NA	NA	NA	NA	NA
S-8	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.21	22.01	5.20	NA	NA	NA
S-8	01/28/1999	2000	630	6.2	24	51	43	NA	NA	NA	NA	NA	NA	NA	27.21	23.03	4.18	NA	NA	NA
S-8	04/23/1999	1050	408	<5.00	<5.00	6.65	<50.0	NA	NA	NA	NA	NA	NA	NA	27.21	22.15	5.06	NA	NA	NA
S-8	07/29/1999	955	344	<2.50	6.90	16.2	<25.0	NA	NA	NA	NA	NA	NA	NA	27.21	21.95	5.26	NA	NA	NA
S-8	11/01/1999	1800	550	6.45	15	40.4	<50.0	NA	NA	NA	NA	NA	NA	NA	27.21	22.55	4.66	NA	NA	NA
S-8	01/07/2000	1300	600	11	29	48	<13	NA	NA	NA	NA	NA	NA	NA	27.21	22.87	4.34	NA	NA	NA

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Former Shell Service Station
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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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-8	04/11/2000	342	101	4.42	4.24	14.7	21.4	NA	NA	NA	NA	NA	NA	NA	27.21	21.86	5.35	NA	NA	NA
S-8	07/19/2000	579	228	6.37	6.45	25.0	<12.5	NA	NA	NA	NA	NA	NA	NA	27.21	21.93	5.28	NA	NA	NA
S-8	10/12/2000	947	340	8.64	3.26	38.3	<12.5	<2.00	NA	NA	NA	NA	NA	NA	27.21	22.92	4.29	NA	NA	NA
S-8	01/09/2001	1090	394	<10.0	<10.0	33.3	57.6	NA	NA	NA	NA	NA	NA	NA	27.21	23.19	4.02	NA	NA	NA
S-8	04/06/2001	671	182	12.5	16.4	47.1	42.5	NA	NA	NA	NA	NA	NA	NA	27.21	22.46	4.75	NA	NA	NA
S-8	07/25/2001	500	70	6.7	11	23	NA	<5.0	NA	NA	NA	NA	NA	NA	27.21	22.50	4.71	NA	NA	NA
S-8	11/01/2001	1900	250	28	39	180	NA	<5.0	NA	NA	NA	NA	NA	NA	27.21	22.44	4.77	NA	NA	NA
S-8	01/17/2002 d	830	140	11	12	89	NA	<5.0	NA	NA	NA	NA	NA	NA	27.21	21.82	5.39	NA	NA	NA
S-8	05/08/2002 d	210	34	1.7	4.1	15	NA	<5.0	NA	NA	NA	NA	NA	NA	27.21	21.35	5.86	NA	NA	NA
S-8	07/18/2002	650	68	2.8	9.7	42	NA	<5.0	NA	NA	NA	NA	NA	NA	35.85	21.53	14.32	NA	NA	NA
S-8	10/15/2002	1000	160	4.2	7.7	74	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	21.97	13.88	NA	NA	NA
S-8	01/02/2003	440	55	1.8	2.9	31	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	21.95	13.90	NA	NA	NA
S-8	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.73	14.12	NA	NA	NA
S-8	07/14/2003	60	6.8	<0.50	0.98	4.9	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	21.40	14.45	NA	NA	NA
S-8	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.94	13.91	NA	NA	NA
S-8	01/22/2004	210	19	0.52	3.6	17	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	21.40	14.45	NA	NA	NA
S-8	04/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	20.83	15.02	NA	NA	NA
S-8	07/13/2004	420	77	0.82	14	31	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	21.05	14.80	NA	NA	NA
S-8	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.77	14.08	NA	NA	NA
S-8	01/17/2005	490	85	0.89	13	28	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	20.92	14.93	NA	NA	NA
S-8	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.57	14.28	NA	NA	NA
S-8	07/28/2005	64	12	<0.50	1.5	1.6	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	21.62	14.23	NA	NA	NA
S-8	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.11	14.74	NA	NA	NA
S-8	02/09/2006	<50.0	2.79	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	35.85	20.18	15.67	NA	NA	NA
S-8	05/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	20.53	15.32	NA	NA	NA
S-8	08/23/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	35.85	21.49	14.36	NA	NA	NA
S-8	11/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	22.05	13.80	NA	NA	NA
S-8	01/30/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	22.41	13.44	NA	NA	NA
S-8	05/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	22.65	13.20	NA	NA	NA
S-8	08/15/2007	65 h,i	7.4	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	35.85	22.88	12.97	NA	NA	NA
S-8	11/28/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	23.20	12.65	NA	NA	NA
S-8	02/08/2008	350 h	22	<1.0	4.8	2.6	NA	1.2	NA	NA	NA	NA	<0.50	<1.0	35.85	22.72	13.13	NA	NA	NA
S-8	05/08/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	22.91	12.94	NA	NA	NA
S-8	08/14/2008	420	28	<1.0	6.3	1.4	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	35.85	23.12	12.73	NA	NA	NA
S-8	11/11/2008 k	330	37	<1.0	5.1	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	35.85	23.37	12.48	NA	1.6	28
S-8	11/11/2008 l	480	29	<1.0	5.4	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	35.85	23.37	12.48	NA	2.2	103
S-8	**12/18/2008**	**340**	**38**	**<1.0**	**5.4**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.83**	**23.31**	**12.52**	**NA**	**NA**	**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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-8	**01/05/2009**	**170**	**15**	**<1.0**	**1.2**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.83**	**23.28**	**12.55**	**NA**	**NA**	**NA**
S-8	**01/15/2009**	**260**	**45**	**<1.0**	**3.2**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.83**	**23.05**	**12.78**	**NA**	**NA**	**NA**
S-8	**02/12/2009**	**88**	**7.2**	**<1.0**	**<1.0**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.83**	**23.34**	**12.49**	**NA**	**NA**	**NA**
S-9	12/22/1994	2600	400	150	42	310	NA	NA	NA	NA	NA	NA	NA	NA	26.06	24.37	1.69	NA	NA	NA
S-9	04/20/1995	1900	400	130	51	200	NA	NA	NA	NA	NA	NA	NA	NA	26.06	23.49	2.57	NA	NA	NA
S-9	10/04/1995	3200	590	260	68	280	NA	NA	NA	NA	NA	NA	NA	NA	26.06	24.01	2.05	NA	NA	NA
S-9	01/03/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA	NA	NA
S-9	04/11/1996	2100	440	1500	42	210	<25	NA	NA	NA	NA	NA	NA	NA	26.06	23.61	2.45	NA	NA	NA
S-9	07/11/1996	5200	940	450	120	520	<50	NA	NA	NA	NA	NA	NA	NA	26.06	23.78	2.28	NA	NA	NA
S-9 (D)	07/11/1996	4800	890	430	110	500	<50	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA	NA	NA
S-9	10/02/1996	3000	680	220	56	270	<62	NA	NA	NA	NA	NA	NA	NA	26.06	24.31	1.75	NA	NA	NA
S-9	01/22/1997	1500	230	71	36	130	<12	NA	NA	NA	NA	NA	NA	NA	26.06	23.08	2.98	NA	NA	NA
S-9	07/21/1997	3400	590	57	19	210	96	NA	NA	NA	NA	NA	NA	NA	26.06	22.83	3.23	NA	NA	NA
S-9	01/22/1998	2600	300	46	<10	270	62	NA	NA	NA	NA	NA	NA	NA	26.06	21.96	4.10	NA	NA	NA
S-9	07/08/1998	820	150	6.2	8	57	<10	NA	NA	NA	NA	NA	NA	NA	26.06	20.85	5.21	NA	NA	NA
S-9	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.39	4.67	NA	NA	NA
S-9	01/28/1999	<50	1.0	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	26.06	22.32	3.74	NA	NA	NA
S-9	04/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.41	4.65	NA	NA	NA
S-9	07/29/1999	117	7.77	0.817	0.683	5.05	<5.00	NA	NA	NA	NA	NA	NA	NA	26.06	21.25	4.81	NA	NA	NA
S-9	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.92	4.14	NA	NA	NA
S-9	01/07/2000	<50	1.2	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	26.06	22.11	3.95	NA	NA	NA
S-9	04/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.14	4.92	NA	NA	NA
S-9	07/19/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA	NA	NA
S-9	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	22.24	3.82	NA	NA	NA
S-9	01/09/2001	<50.0	1.45	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	26.06	22.52	3.54	NA	NA	NA
S-9	04/06/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	23.61	2.45	NA	NA	NA
S-9	07/25/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA	NA	NA
S-9	08/13/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA	NA	NA
S-9	11/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.78	4.28	NA	NA	NA
S-9	01/17/2002 d	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	26.06	21.15	4.91	NA	NA	NA
S-9	05/08/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	20.56	5.50	NA	NA	NA
S-9	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	34.70	20.88	13.82	NA	NA	NA
S-9	10/15/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.41	13.29	NA	NA	NA
S-9	01/02/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	34.70	21.35	13.35	NA	NA	NA
S-9	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.14	13.56	NA	NA	NA
S-9	07/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	34.70	20.80	13.90	NA	NA	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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-9	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.33	13.37	NA	NA	NA
S-9	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	34.70	20.77	13.93	NA	NA	NA
S-9	04/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	20.06	14.64	NA	NA	NA
S-9	07/13/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NN	34.70	20.44	14.26	NA	NA	NA
S-9	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.02	13.68	NA	NA	NA
S-9	01/17/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	34.70	20.18	14.52	NA	NA	NA
S-9	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.85	12.85	NA	NA	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	NA	NA	34.70	21.22	13.48	NA	NA	NA
S-9	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	20.63	14.07	NA	NA	NA
S-9	02/09/2006	<50.0	0.940	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	34.70	19.23	15.47	NA	NA	NA
S-9	05/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	20.28	14.42	NA	NA	NA
S-9	08/23/2006	7000	1740	55.6	193	278	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	NA	34.70	21.31	13.39	NA	NA	NA
S-9	11/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.79	12.91	NA	NA	NA
S-9	01/30/2007	12000	2200	250	480	980	NA	<0.50	NA	NA	NA	NA	NA	NA	34.70	22.08	12.62	NA	NA	NA
S-9	05/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	22.22	12.48	NA	NA	NA
S-9	08/15/2007	9800 h,i	2400	100	410	602	NA	<10	<20	<20	<20	<100	NA	NA	34.70	22.43	12.27	NA	NA	NA
S-9	11/28/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	22.75	11.95	NA	NA	NA
S-9	02/08/2008	69 h	2.2	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	34.70	22.31	12.39	NA	NA	NA
S-9	05/08/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	22.49	12.21	NA	NA	NA
S-9	08/14/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	34.70	22.70	12.00	NA	NA	NA
S-9	11/11/2008 k	<50	2.4	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	34.70	22.90	11.80	NA	1.1	92
S-9	11/11/2008 l	550	74	12	22	55.3	NA	NA	NA	NA	NA	NA	NA	NA	34.70	22.90	11.80	NA	3.6	98
S-9	**12/18/2008**	**1500**	**280**	**43**	**71**	**182**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.34**	**22.81**	**11.53**	**NA**	**NA**	**NA**
S-9	**01/05/2009**	**1,000**	**230**	**24**	**45**	**64**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.34**	**22.75**	**11.59**	**NA**	**NA**	**NA**
S-9	**01/15/2009**	**2,100**	**560**	**75**	**100**	**245**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.34**	**22.37**	**11.97**	**NA**	**NA**	**NA**
S-9	**02/12/2009**	**500**	**120**	**19**	**26**	**50**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.34**	**22.61**	**11.73**	**NA**	**NA**	**NA**
S-10	12/22/1994	420	27	8.0	18	45	NA	NA	NA	NA	NA	NA	NA	NA	28.04	25.84	2.20	NA	NA	NA
S-10	04/20/1995	820	49	3.7	97	52	NA	NA	NA	NA	NA	NA	NA	NA	28.04	24.92	3.12	NA	NA	NA
S-10	10/04/1995	240	6.5	1.1	16	12	NA	NA	NA	NA	NA	NA	NA	NA	28.04	25.47	2.57	NA	NA	NA
S-10	01/03/1996	1100	27	4.9	110	70	NA	NA	NA	NA	NA	NA	NA	NA	28.04	25.60	2.44	NA	NA	NA
S-10	04/11/1996	530	19	1.6	82	52	<5.0	NA	NA	NA	NA	NA	NA	NA	28.04	25.27	2.77	NA	NA	NA
S-10	07/11/1996	570	16	3.2	53	53	<2.5	NA	NA	NA	NA	NA	NA	NA	28.04	25.46	2.58	NA	NA	NA
S-10	10/02/1996	270	8.2	0.77	24	23	3.3	NA	NA	NA	NA	NA	NA	NA	28.04	25.81	2.23	NA	NA	NA
S-10	01/22/1997	160	4.8	0.73	16	11	<2.5	NA	NA	NA	NA	NA	NA	NA	28.04	24.74	3.30	NA	NA	NA
S-10	07/21/1997	530	5.7	0.70	29	69	<2.5	NA	NA	NA	NA	NA	NA	NA	28.04	24.50	3.54	NA	NA	NA
S-10	01/22/1998	1500	15	<5.0	88	130	<25	NA	NA	NA	NA	NA	NA	NA	28.04	24.44	3.60	NA	NA	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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-10	07/08/1998	530	4.8	1.1	47	51	<2.5	NA	NA	NA	NA	NA	NA	NA	28.04	22.36	5.68	NA	NA	NA
S-10	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.81	5.23	NA	NA	NA
S-10	01/28/1999	630	4.6	0.98	<0.50	59	<2.5	NA	NA	NA	NA	NA	NA	NA	28.04	23.82	4.22	NA	NA	NA
S-10	04/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.96	5.08	NA	NA	NA
S-10	07/29/1999	728	3.40	<1.00	41.8	38.0	<10.0	NA	NA	NA	NA	NA	NA	NA	28.04	22.63	5.41	NA	NA	NA
S-10	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	23.02	5.02	NA	NA	NA
S-10	01/07/2000	870	8.5	1.3	110	110	<2.5	NA	NA	NA	NA	NA	NA	NA	28.04	23.33	4.71	NA	NA	NA
S-10	04/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.64	5.40	NA	NA	NA
S-10	07/19/2000	612	3.75	<0.500	41.6	43.6	<2.50	NA	NA	NA	NA	NA	NA	NA	28.04	23.04	5.00	NA	NA	NA
S-10	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	23.92	4.12	NA	NA	NA
S-10	01/09/2001	647	7.62	1.01	66.2	42.4	<2.50	NA	NA	NA	NA	NA	NA	NA	28.04	24.13	3.91	NA	NA	NA
S-10	04/06/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	25.37	2.67	NA	NA	NA
S-10	07/25/2001	340	1.5	<0.50	42	19	NA	<5.0	NA	NA	NA	NA	NA	NA	28.04	25.35	2.69	NA	NA	NA
S-10	11/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	23.22	4.82	NA	NA	NA
S-10	01/17/2002 d	1100	3.5	<0.50	55	46	NA	<5.0	NA	NA	NA	NA	NA	NA	28.04	22.72	5.32	NA	NA	NA
S-10	05/08/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.35	5.69	NA	NA	NA
S-10	07/18/2002	750	1.8	<0.50	42	26	NA	<5.0	NA	NA	NA	NA	NA	NA	36.35	22.05	14.30	NA	NA	NA
S-10	10/15/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.51	13.84	NA	NA	NA
S-10	01/02/2003	440	1.8	<0.50	14	24	NA	<5.0	NA	NA	NA	NA	NA	NA	36.35	22.50	13.85	NA	NA	NA
S-10	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.32	14.03	NA	NA	NA
S-10	07/14/2003	210	0.86	<0.50	13	12	NA	<0.50	NA	NA	NA	NA	NA	NA	36.35	21.99	14.36	NA	NA	NA
S-10	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.53	13.82	NA	NA	NA
S-10	01/22/2004	280	0.88	<0.50	10	11	NA	<0.50	NA	NA	NA	NA	NA	NA	36.35	22.02	14.33	NA	NA	NA
S-10	04/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	21.43	14.92	NA	NA	NA
S-10	07/13/2004	770	1.5	<0.50	70	42	NA	<0.50	NA	NA	NA	NA	NA	NA	36.35	21.68	14.67	NA	NA	NA
S-10	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.37	13.98	NA	NA	NA
S-10	01/17/2005	1100	1.5	<0.50	73	51	NA	<0.50	NA	NA	NA	NA	NA	NA	36.35	21.45	14.90	NA	NA	NA
S-10	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.18	14.17	NA	NA	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	NA	NA	36.35	22.25	14.10	NA	NA	NA
S-10	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	21.70	14.65	NA	NA	NA
S-10	02/09/2006	630	<0.500	<0.500	13.8	13.8	NA	<0.500	NA	NA	NA	NA	NA	NA	36.35	20.37	15.98	NA	NA	NA
S-10	05/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	21.31	15.04	NA	NA	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	NA	NA	36.35	22.12	14.23	NA	NA	NA
S-10	11/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.68	13.67	NA	NA	NA
S-10	01/30/2007	120	<0.50	<0.50	7.0	3.3	NA	<0.50	NA	NA	NA	NA	NA	NA	36.35	23.09	13.26	NA	NA	NA
S-10	05/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	23.20	13.15	NA	NA	NA
S-10	08/15/2007	64 h,i	0.15 j	<1.0	1.4	0.72 j	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	36.35	23.48	12.87	NA	NA	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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-10	11/28/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	23.82	12.53	NA	NA	NA
S-10	02/08/2008	61 h	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	36.35	23.31	13.04	NA	NA	NA
S-10	05/08/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	23.55	12.80	NA	NA	NA
S-10	08/14/2008	58	<0.50	<1.0	2.7	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	36.35	23.75	12.60	NA	NA	NA
S-10	11/11/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	23.08	13.27	NA	NA	NA
S-10	**12/18/2008**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.35**	**24.00**	**12.35**	**NA**	**NA**	**NA**
S-10	**01/05/2009**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.35**	**23.87**	**12.48**	**NA**	**NA**	**NA**
S-10	**01/15/2009**	**<50**	**<0.50**	**<1.0**	**1.1**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.35**	**23.66**	**12.69**	**NA**	**NA**	**NA**
S-10	**02/12/2009**	**56**	**<0.50**	**<1.0**	**3.4**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.35**	**23.96**	**12.39**	**NA**	**NA**	**NA**
S-12	12/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.44	24.58	11.86	NA	NA	NA
S-12	02/08/2008	55 h	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	36.44	24.32	12.12	NA	NA	NA
S-12	05/08/2008	<50 h	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	36.44	24.51	11.93	NA	NA	NA
S-12	08/14/2008	<50	1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	36.44	24.63	11.81	NA	NA	NA
S-12	11/11/2008 k	<50	0.95	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	36.44	24.85	11.59	NA	0.2	37
S-12	11/11/2008 l	65	8.1	2.2	4.8	1.5	NA	NA	NA	NA	NA	NA	NA	NA	36.44	24.85	11.59	NA	0.2	45
S-12	**12/18/2008**	**<50**	**8.3**	**<1.0**	**1.8**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.44**	**24.81**	**11.63**	**NA**	**NA**	**NA**
S-12	**01/05/2009**	**95**	**16**	**<1.0**	**3.2**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.44**	**24.75**	**11.69**	**NA**	**NA**	**NA**
S-12	**01/15/2009**	**140**	**36**	**<1.0**	**12**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.44**	**24.54**	**11.90**	**NA**	**NA**	**NA**
S-12	**02/12/2009**	**<50**	**5.0**	**<1.0**	**1.6**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.44**	**24.81**	**11.63**	**NA**	**NA**	**NA**
S-13	12/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.16	23.33	11.83	NA	NA	NA
S-13	02/08/2008	14000 h	1900	1300	280	3000	NA	<10	NA	NA	NA	NA	<5.0	<10	35.16	23.01	12.15	NA	NA	NA
S-13	05/08/2008	18000 h	2800	3400	550	3500	NA	<10	NA	NA	NA	NA	<5.0	<10	35.16	23.31	11.85	NA	NA	NA
S-13	08/14/2008	16,000	2,400	3,100	580	3,100	NA	<20	NA	NA	NA	NA	<10	<20	35.16	23.31	11.85	NA	NA	NA
S-13	11/11/2008 k	16,000	2,400	2,800	270	2,500	NA	<50	NA	NA	NA	NA	<25	<50	35.16	23.60	11.56	NA	0.8	-48
S-13	11/11/2008 l	4,400	560	630	88	530	NA	NA	NA	NA	NA	NA	NA	NA	35.16	23.60	11.56	NA	1.2	-60
S-13	**12/18/2008**	**3,900**	**530**	**560**	**76**	**510**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.05**	**23.61**	**11.44**	**NA**	**NA**	**NA**
S-13	**01/05/2009**	**8,200**	**700**	**670**	**67**	**1,000**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.05**	**23.54**	**11.51**	**NA**	**NA**	**NA**
S-13	**01/15/2009**	**5,400**	**610**	**610**	**48**	**950**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.05**	**23.10**	**11.95**	**NA**	**NA**	**NA**
S-13	**02/12/2009**	**6,300**	**800**	**1,000**	**110**	**870**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.05**	**22.36**	**12.69**	**NA**	**NA**	**NA**
S-14	12/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.94	22.68	12.26	NA	NA	NA
S-14	02/08/2008	5300 h	380	300	34	970	NA	<10	NA	NA	NA	NA	<5.0	<10	34.94	22.82	12.12	NA	NA	NA
S-14	05/08/2008	4300 h	750	270	30	520	NA	<10	NA	NA	NA	NA	<5.0	<10	34.94	22.41	12.53	NA	NA	NA
S-14	Well destroyed	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WELL CONCENTRATIONS - TABLE 1
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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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-14R	11/07/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.19	22.91	12.28	NA	NA	NA
S-14R	11/11/2008 k	8,500	680	270	<25	1,110	NA	NA	NA	NA	NA	NA	NA	NA	35.19	23.13	12.06	NA	0.60	115
S-14R	11/11/2008 l	4,300	270	190	43	470	NA	NA	NA	NA	NA	NA	NA	NA	35.19	23.13	12.06	NA	1.5	116
S-14R	**12/18/2008**	**7,800**	**530**	**640**	**79**	**1010**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.95**	**22.80**	**12.15**	**NA**	**NA**	**NA**
S-14R	**01/05/2009**	**2,100**	**89**	**86**	**19**	**140**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.95**	**22.80**	**12.15**	**NA**	**NA**	**NA**
S-14R	**01/15/2009**	**4,800**	**430**	**540**	**83**	**730**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.95**	**22.57**	**12.38**	**NA**	**NA**	**NA**
S-14R	**02/12/2009**	**1,000**	**40**	**29**	**7.3**	**55**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.95**	**22.89**	**12.06**	**NA**	**NA**	**NA**
S-15	12/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.34	23.00	12.34	NA	NA	NA
S-15	02/08/2008	55000 h	6700	13000	1100	9800	NA	<10	NA	NA	NA	NA	<5.0	<10	35.34	22.71	12.63	NA	NA	NA
S-15	05/08/2008	53000 h	6300	13000	1500	7500	NA	<200	NA	NA	NA	NA	<100	<200	35.34	22.91	12.43	NA	NA	NA
S-15	Well destroyed	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-16	12/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.08	23.88	12.20	NA	NA	NA
S-16	02/08/2008	6000 h	670	730	88	1290	NA	<5.0	NA	NA	NA	NA	<2.5	<5.0	36.08	23.52	12.56	NA	NA	NA
S-16	05/08/2008	3200 h	670	320	18	580	NA	<10	NA	NA	NA	NA	<5.0	<10	36.08	23.69	12.39	NA	NA	NA
S-16	Well destroyed	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-17	06/19/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.49	23.30	12.19	NA	NA	NA
S-17	06/25/2008	21,000	1,300	1,300	160	2,850	NA	<5.0	NA	NA	NA	NA	<2.5	<5.0	35.49	23.33	12.16	NA	NA	NA
S-17	08/14/2008	14,000	1,700	1,700	310	2,250	NA	<10	NA	NA	NA	NA	<5.0	<10	35.49	23.50	11.99	NA	NA	NA
S-17	11/11/2008 k	7,200	1,600	820	140	760	NA	<5.0	NA	NA	NA	NA	<2.5	<5.0	35.49	23.70	11.79	NA	NA	NA
S-17	11/11/2008 l	32,000	2,500	3,100	820	4,000	NA	<25	NA	NA	NA	NA	<12	<25	35.49	23.70	11.79	NA	NA	NA
S-17	**01/05/2009**	**15,000**	**790**	**700**	**150**	**1,200**	**NA**	**<10**	**NA**	**NA**	**NA**	**NA**	**<5.0**	**<10**	**35.50**	**23.66**	**11.84**	**NA**	**NA**	**NA**
S-17	**01/15/2009**	**2,300**	**220**	**170**	**19**	**300**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.50**	**23.37**	**12.13**	**NA**	**NA**	**NA**
S-17	**02/12/2009**	**4,700**	**750**	**200**	**37**	**23**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.50**	**23.66**	**11.84**	**NA**	**NA**	**NA**
S-18	06/19/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.04	22.94	12.10	NA	NA	NA
S-18	06/25/2008	58,000	2,200	5,600	880	10,200	NA	<10	NA	NA	NA	NA	<5.0	<10	35.04	22.92	12.12	NA	NA	NA
S-18	08/14/2008	25,000	2,500	4,500	860	5,800	NA	<50	NA	NA	NA	NA	<25	<50	35.04	23.08	11.96	NA	NA	NA
S-18	11/11/2008 k	24,000	2,400	3,300	820	3,800	NA	<25	NA	NA	NA	NA	<12	<25	35.04	23.30	11.74	NA	NA	NA
S-18	11/11/2008 l	43,000	3,900	5,500	1,300	6,500	NA	<50	NA	NA	NA	NA	<25	<50	35.04	23.30	11.74	NA	NA	NA
S-18	**01/05/2009**	**20,000**	**830**	**1,000**	**290**	**1,400**	**NA**	**<50**	**NA**	**NA**	**NA**	**NA**	**<25**	**<50**	**35.03**	**23.16**	**11.87**	**NA**	**NA**	**NA**
S-18	**01/15/2009**	**8,200**	**690**	**790**	**150**	**1,230**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.03**	**22.97**	**12.06**	**NA**	**NA**	**NA**
S-18	**02/12/2009**	**13,000**	**1,200**	**1,400**	**330**	**940**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.03**	**23.29**	**11.74**	**NA**	**NA**	**NA**
S-19	11/07/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.78	22.73	12.05	NA	NA	NA

WELL CONCENTRATIONS - TABLE 1
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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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-19	11/11/2008 k	7,100	500	600	25	1,010	NA	NA	NA	NA	NA	NA	NA	NA	34.78	22.87	11.91	NA	1.0	62
S-19	11/11/2008 l	2,300	110	160	43	280	NA	NA	NA	NA	NA	NA	NA	NA	34.78	22.87	11.91	NA	1.3	71
S-19	**12/18/2008**	**2,900**	**190**	**300**	**41**	**420**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.57**	**22.60**	**11.97**	**NA**	**NA**	**NA**
S-19	**01/05/2009**	**3,400**	**230**	**250**	**50**	**380**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.57**	**22.56**	**12.01**	**NA**	**NA**	**NA**
S-19	**01/15/2009**	**3,100**	**340**	**540**	**70**	**440**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.57**	**22.31**	**12.26**	**NA**	**NA**	**NA**
S-19	**02/12/2009**	**1,300**	**130**	**180**	**37**	**190**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.57**	**22.58**	**11.99**	**NA**	**NA**	**NA**
S-20	11/07/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.50	22.80	11.70	NA	NA	NA
S-20	11/11/2008 k	13,000	1,300	1,600	80	1,920	NA	NA	NA	NA	NA	NA	NA	NA	34.50	22.90	11.60	NA	0.8	-39
S-20	11/11/2008 l	16,000	1,100	1,800	220	1,930	NA	NA	NA	NA	NA	NA	NA	NA	34.50	22.90	11.60	NA	2.6	-64
S-20	**01/05/2009**	**17,000**	**1,500**	**1,700**	**320**	**1,900**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.50**	**22.78**	**11.72**	**NA**	**NA**	**NA**
S-20	**02/12/2009**	**11,000**	**1,300**	**1,400**	**230**	**1,600**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.50**	**22.80**	**11.70**	**NA**	**2.6**	**-64**
S-21A	11/07/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.81	23.73	12.08	NA	NA	NA
S-21A	11/11/2008 k	96,000	6,100	11,000	1,700	10,500	NA	NA	NA	NA	NA	NA	NA	NA	35.81	23.86	11.95	NA	1.6	-42
S-21A	11/11/2008 l	87,000	6,300	13,000	1,700	10,300	NA	NA	NA	NA	NA	NA	NA	NA	35.81	23.86	11.95	NA	1.8	-51
S-21A	**12/18/2008**	**17,000**	**3,700**	**1,200**	**170**	**47**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.80**	**23.91**	**11.89**	**NA**	**NA**	**NA**
S-21A	**01/05/2009**	**28,000**	**3,100**	**2,900**	**450**	**1,100**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.80**	**23.78**	**12.02**	**NA**	**NA**	**NA**
S-21A	**01/15/2009**	**9,700**	**2,100**	**290**	**45**	**<25**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.80**	**23.53**	**12.27**	**NA**	**NA**	**NA**
S-21A	**02/12/2009**	**19,000**	**3,100**	**2,500**	**330**	**500**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.80**	**23.83**	**11.97**	**NA**	**NA**	**NA**
S-21B	11/07/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.79	23.68	12.11	NA	NA	NA
S-21B	11/11/2008 k	3,200	49	300	93	510	NA	NA	NA	NA	NA	NA	NA	NA	35.79	23.80	11.99	NA	0.4	-108
S-21B	11/11/2008 l	7,500	67	470	150	960	NA	NA	NA	NA	NA	NA	NA	NA	35.79	23.80	11.99	NA	5.6	-135
S-21B	**12/18/2008**	**5,300**	**36**	**310**	**120**	**770**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.76**	**23.72**	**12.04**	**NA**	**NA**	**NA**
S-21B	**01/05/2009**	**5,400**	**35**	**200**	**93**	**600**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.76**	**23.70**	**12.06**	**NA**	**NA**	**NA**
S-21B	**01/15/2009**	**3,300**	**30**	**150**	**78**	**470**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.76**	**23.43**	**12.33**	**NA**	**NA**	**NA**
S-21B	**02/12/2009**	**2,800**	**12**	**100**	**69**	**450**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.76**	**23.81**	**11.95**	**NA**	**NA**	**NA**
S-22A	11/07/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.08	22.91	12.17	NA	NA	NA
S-22A	11/11/2008 k	84,000	8,500	11,000	2,200	13,900	NA	NA	NA	NA	NA	NA	NA	NA	35.08	23.15	11.93	NA	1.0	117
S-22A	11/11/2008 l	85,000	7,600	10,000	2,500	12,400	NA	NA	NA	NA	NA	NA	NA	NA	35.08	23.15	11.93	NA	1.6	100
S-22A	**12/18/2008**	**42,000**	**6,300**	**6,600**	**1,200**	**4,400**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.06**	**23.03**	**12.03**	**NA**	**NA**	**NA**
S-22A	**01/05/2009**	**56,000**	**4,500**	**5,300**	**1,200**	**6,400**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.06**	**23.03**	**12.03**	**NA**	**NA**	**NA**
S-22A	**01/15/2009**	**25,000**	**5,900**	**4,400**	**740**	**1,570**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.06**	**22.84**	**12.22**	**NA**	**NA**	**NA**
S-22A	**02/12/2009**	**43,000**	**6,700**	**6,600**	**1,200**	**5,000**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.06**	**23.15**	**11.91**	**NA**	**NA**	**NA**

WELL CONCENTRATIONS - TABLE 1
Former Shell Service Station
461 8th Street
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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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-22B	11/07/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.15	23.06	12.09	NA	NA	NA
S-22B	11/11/2008 k	<50	<0.50	<1.0	<1.0	1.2	NA	NA	NA	NA	NA	NA	NA	NA	35.15	23.20	11.95	NA	0.9	92
S-22B	11/11/2008 l	360	3.3	12	5.8	38	NA	NA	NA	NA	NA	NA	NA	NA	35.15	23.20	11.95	NA	1.6	90
S-22B	**12/18/2008**	**150**	**2.9**	**6.1**	**2.9**	**17.5**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.24**	**23.26**	**11.98**	**NA**	**NA**	**NA**
S-22B	**01/05/2009**	**110**	**1.9**	**5.0**	**2.6**	**11**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.24**	**28.12**	**7.12**	**NA**	**NA**	**NA**
S-22B	**01/15/2009**	**59**	**1.3**	**1.9**	**1.6**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.24**	**22.90**	**12.34**	**NA**	**NA**	**NA**
S-22B	**02/12/2009**	**290**	**11**	**6.8**	**7.9**	**19**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.24**	**23.02**	**12.22**	**NA**	**NA**	**NA**
S-23	11/07/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.77	23.28	12.49	NA	NA	NA
S-23	11/11/2008 k	8,800	640	610	82	1,260	NA	NA	NA	NA	NA	NA	NA	NA	35.77	23.58	12.19	NA	NA	NA
S-23	11/11/2008 l	6,400	520	640	34	760	NA	NA	NA	NA	NA	NA	NA	NA	35.77	23.58	12.19	NA	NA	NA
S-23	**01/05/2009**	**830**	**63**	**98**	**14**	**58**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.75**	**23.51**	**12.24**	**NA**	**NA**	**NA**
S-23	**02/12/2009**	**3,400**	**160**	**320**	**55**	**430**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.75**	**23.62**	**12.13**	**NA**	**NA**	**NA**
AS-1	12/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.33	22.91	12.42	NA	NA	NA
AS-1	02/08/2008	130 h	1.1	3.4	<1.0	5.4	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	35.33	22.62	12.71	NA	NA	NA
AS-1	05/08/2008	<50 h	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	35.33	27.78	7.55	NA	NA	NA

WELL CONCENTRATIONS - TABLE 1
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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)

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.
EDC = 1,2-Dichloroethane, analyzed by EPA Method 8260B.
EDB = 1,2-Dibromoethane, 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
D.O. = Dissolved Oxygen
O.R.P. = Oxygen Redox Potential
mg/L = Parts per million
m/V = Microvolts
<n = Below detection limit
(D) = Duplicate sample
NA = Not applicable

WELL CONCENTRATIONS - TABLE 1
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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)

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).
i = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
j = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
k = Pre-purge sample
l = Post-purge sample
* = 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.
Site surveyed December 18, 2007 by Virgil Chavez Land Surveying of Vallejo, CA.
Wells S-14R and S-19 through S-23 surveyed on November 11, 2008 by Virgil Chavez Land Surveying of Vallejo, CA.

WELL CONCENTRATIONS - TABLE 2
Former Shell Service Station
461 8th Street
Oakland, CA

Well ID	Date	Dissolved Arsenic (ug/L)	Total Arsenic (ug/L)	Dissolved Chromium (ug/L)	Total Chromium (ug/L)	Dissolved Nickel (ug/L)	Total Nickel (ug/L)	Dissolved Iron (ug/L)	Total Iron (ug/L)	Dissolved Manganese (ug/L)	Total Manganese (ug/L)	Chloride (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Hexavalent Chromium (ug/L)	Total Suspended Solids (mg/L)	Iron (II) (mg/L)	Iron (III) (mg/L)	Bromate (mg/L)
S-8	11/11/2008	<10.0	16.3	27.0	428	5.99	82.0	<100	8,510	<5.00	2,460	32	0.16	4.4	27	22	107	<0.10	8.51	<1
S-8	**12/18/2008**	**<10.0**	**<10.0**	**11.5**	**86.8**	**16.1**	**33.3**	**<100**	**2,080**	**733**	**1,110**	**32**	**<0.10**	**3.1**	**21**	**9.3**	**20**	**<0.10**	**NA**	**NA**
S-8	**01/05/2009**	**<10.0**	**<10.0**	**17.2**	**177**	**10.0**	**38.0**	**<100**	**6,140**	**471**	**1,150**	**36**	**0.15**	**3.8**	**33**	**16**	**83**	**<0.10**	**NA**	**NA**
S-8	**01/15/2009**	**<10.0**	**<10.0**	**23.5**	**51.7**	**7.79**	**20.6**	**<100**	**3,700**	**379**	**595**	**33**	**0.16**	**3.4**	**26**	**13**	**120**	**<0.10**	**3.70**	**NA**
S-8	**02/12/2009**	**<10.0**	**<10.0**	**21.9**	**46.7**	**5.57**	**14.0**	**<100**	**1,790**	**68.7**	**289**	**30**	**0.16**	**3.9**	**25**	**23**	**43**	**<0.10**	**NA**	**NA**
S-9	11/11/2008	<10.0	<10.0	<5.00	207	5.07	10.7	<100	6,400	488	1,140	66	0.27	2.7	25	<1.0	140	0.11	6.29	<1
S-9	**12/18/2008**	**<10.0**	**<10.0**	**<5.00**	**214**	**7.23**	**10.8**	**676**	**4,550**	**845**	**1,100**	**110**	**0.25**	**2.4**	**32**	**<1.0**	**24**	**0.24**	**NA**	**NA**
S-9	**01/05/2009**	**<10.0**	**<10.0**	**<5.00**	**88.3**	**<5.00**	**<5.00**	**593**	**3,410**	**725**	**942**	**150**	**0.76**	**3.3**	**37**	**<1.0**	**42**	**0.25**	**NA**	**NA**
S-9	**01/15/2009**	**<10.0**	**<10.0**	**<5.00**	**203**	**6.51**	**11.7**	**1,000**	**5,590**	**855**	**1,140**	**160**	**0.84**	**3.2**	**40**	**<1.0**	**40**	**0.62**	**4.97**	**NA**
S-9	**02/12/2009**	**<10.0**	**<10.0**	**<5.00**	**42.5**	**5.96**	**5.47**	**619**	**1,570**	**447**	**444**	**180**	**0.98**	**5.3 b**	**65**	**<1.0**	**18**	**0.24**	**NA**	**NA**
S-10	**12/18/2008**	**<10.0**	**<10.0**	**22.3**	**47.3**	**6.35**	**63.4**	**168**	**5,000**	**231**	**3,860**	**100**	**0.32**	**16**	**180**	**21**	**84**	**<0.10**	**NA**	**NA**
S-10	**01/05/2009**	**<10.0**	**<10.0**	**21.2**	**53.8**	**<5.00**	**36.1**	**<100**	**5,950**	**109**	**3,830**	**94**	**0.50**	**17**	**170**	**23**	**108**	**<0.10**	**NA**	**NA**
S-10	**01/15/2009**	**<10.0**	**<10.0**	**25.1**	**35.7**	**<5.00**	**12.4**	**<100**	**2,660**	**132**	**648**	**85**	**0.48**	**17**	**150**	**22**	**72**	**<0.10**	**2.66**	**NA**
S-10	**02/12/2009**	**<10.0**	**<10.0**	**22.6**	**29.4**	**<5.00**	**15.5**	**<100**	**5,750**	**318**	**353**	**77**	**0.37**	**14 b**	**140**	**25**	**87**	**<0.10**	**NA**	**NA**
S-12	11/11/2008	<10.0	19.9	<5.00	404	<5.00	509	228	159,000	36.9	6,780	20	0.11	1.9	22	<1.0	1,850	<0.10	159	<1 c
S-12	**12/18/2008**	**<10.0**	**12.8**	**<5.00**	**98.3**	**<5.00**	**104**	**166**	**40,700**	**155**	**1,150**	**20**	**<0.10**	**1.3**	**24**	**3.5**	**446**	**<0.10**	**NA**	**NA**
S-12	**01/05/2009**	**<10.0**	**20.6**	**9.20**	**149**	**<5.00**	**153**	**1,220**	**61,900**	**319**	**1,790**	**22**	**0.12**	**1.8**	**27**	**5.2**	**662**	**<0.10**	**NA**	**NA**
S-12	**01/15/2009**	**<10.0**	**<10.0**	**7.19**	**124**	**<5.00**	**138**	**462**	**52,700**	**223**	**1,490**	**25**	**0.16**	**1.7**	**25**	**3.5**	**550**	**<0.10**	**52.7**	**NA**
S-12	**02/12/2009**	**<10.0**	**<10.0**	**9.16**	**85.0**	**<5.00**	**84.5**	**<100**	**33,500**	**56.5**	**1,110**	**19**	**<0.10**	**1.6**	**21**	**9.3**	**224**	**<0.10**	**NA**	**NA**
S-13	11/11/2008	<10.0	<10.0	<5.00	34.1	<5.00	33.2	263	13,400	315	415	23	0.11	2.2	20	<1.0	680	<0.10	13.4	<1
S-13	**12/18/2008**	**<10.0**	**<10.0**	**<5.00**	**34.3**	**<5.00**	**34.2**	**756**	**14,800**	**404**	**481**	**27**	**<0.10**	**1.9**	**23**	**<1.0**	**205**	**0.38**	**NA**	**NA**
S-13	**01/05/2009**	**<10.0**	**<10.0**	**<5.00**	**49.5**	**<5.00**	**44.9**	**496**	**20,100**	**329**	**576**	**25**	**0.13**	**1.5**	**21**	**<1.0**	**381**	**0.43**	**NA**	**NA**
S-13	**01/15/2009**	**<10.0**	**<10.0**	**<5.00**	**61.8**	**<5.00**	**55.8**	**452**	**23,100**	**297**	**513**	**25**	**<0.10**	**4.1**	**21**	**<1.0**	**340**	**0.46**	**22.6**	**NA**
S-13	**02/12/2009**	**<10.0**	**<10.0**	**<5.00**	**17.2**	**17.6**	**35.0**	**2,020**	**8,680**	**1,410**	**1,010**	**36**	**0.33**	**3.2**	**1,600**	**<1.0**	**163**	**0.84**	**NA**	**NA**
S-14R	11/11/2008	<10.0	<10.0	13.0	64.8	<5.00	62.7	<100	23,200	244	607	51	0.21	4.1	28	16	397	<0.10	23.2	<1
S-14R	**12/18/2008**	**<10.0**	**<10.0**	**<5.00**	**16.6**	**6.17**	**18.7**	**279**	**6,060**	**878**	**938**	**63**	**0.17**	**3.1**	**48**	**<1.0**	**238**	**<0.10**	**NA**	**NA**
S-14R	**01/05/2009**	**<10.0**	**<10.0**	**8.91**	**49.9**	**<5.00**	**35.3**	**160**	**15,300**	**308**	**577**	**51**	**0.23**	**3.6**	**41**	**4.1**	**323**	**<0.10**	**NA**	**NA**
S-14R	**01/15/2009**	**<10.0**	**<10.0**	**<5.00**	**18.6**	**8.26**	**17.5**	**1,410**	**6,220**	**2,450**	**2,450**	**<1.0**	**<0.10**	**0.17**	**<1.0**	**<1.0**	**210**	**0.83**	**5.39**	**NA**
S-14R	**02/12/2009**	**<10.0**	**<10.0**	**5.54**	**29.2**	**<5.00**	**14.9**	**104**	**5,690**	**283**	**348**	**43**	**0.20**	**3.9**	**54**	**<1.0**	**126**	**<0.10**	**NA**	**NA**
S-17	**01/15/2009**	**<10.0**	**23.4**	**<5.00**	**321**	**<5.00**	**329**	**747**	**112,000**	**343**	**1,450**	**19**	**<0.10**	**2.0**	**24**	**<1.0**	**600**	**<0.10**	**112**	**NA**
S-17	**02/12/2009**	**<10.0**	**16.8**	**<5.00**	**627**	**79.2**	**748**	**232**	**208,000**	**1,320**	**4,030**	**20**	**0.16**	**1.2**	**950**	**<1.0**	**3,920**	**<0.10**	**NA**	**NA**
S-18	**01/15/2009**	**<10.0**	**25.0**	**<5.00**	**210**	**<5.00**	**243**	**1,130**	**86,300**	**459**	**1,340**	**21**	**0.25**	**0.74**	**15**	**<1.0**	**340**	**0.12**	**86.2**	**NA**

WELL CONCENTRATIONS - TABLE 2
Former Shell Service Station
461 8th Street
Oakland, CA

Well ID	Date	Dissolved Arsenic (ug/L)	Total Arsenic (ug/L)	Dissolved Chromium (ug/L)	Total Chromium (ug/L)	Dissolved Nickel (ug/L)	Total Nickel (ug/L)	Dissolved Iron (ug/L)	Total Iron (ug/L)	Dissolved Manganese (ug/L)	Total Manganese (ug/L)	Chloride (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Hexavalent Chromium (ug/L)	Total Suspended Solids (mg/L)	Iron (II) (mg/L)	Iron (III) (mg/L)	Bromate (mg/L)
S-18	**02/12/2009**	**<10.0**	**<10.0**	**<5.00**	**56.8**	**8.98**	**20.5**	**1,310**	**8,080**	**1,970**	**339**	**28**	**0.28**	**0.70**	**670**	**<1.0**	**3,890**	**<0.10**	**NA**	**NA**
S-19	11/11/2008	<10.0	<10.0	35.2	44.4	<5.00	7.39	<100	3,000	22.8	105	47	0.22	3.2	25	36	105	<0.10	3.00	<1
S-19	**12/18/2008**	**<10.0**	**<10.0**	**32.0**	**66.6**	**<5.00**	**20.4**	**136**	**7,850**	**79.2**	**317**	**49**	**0.13**	**2.0**	**26**	**31**	**191**	**<0.10**	**NA**	**NA**
S-19	**01/05/2009**	**<10.0**	**<10.0**	**26.7**	**62.7**	**<5.00**	**22.0**	**179**	**10,500**	**88.5**	**421**	**47**	**0.23**	**2.1**	**31**	**22**	**329**	**<0.10**	**NA**	**NA**
S-19	**01/15/2009**	**<10.0**	**<10.0**	**22.6**	**70.4**	**<5.00**	**27.3**	**<100**	**11,200**	**191**	**483**	**42**	**0.28**	**1.8**	**86**	**20**	**230**	**<0.10**	**11.2**	**NA**
S-19	**02/12/2009**	**<10.0**	**<10.0**	**28.5**	**59.1**	**<5.00**	**20.6**	**102**	**8,150**	**205**	**354**	**40**	**0.20**	**2.5**	**350**	**29**	**204**	**<0.10**	**NA**	**NA**
S-20	11/11/2008	<10.0	12.9	30.7	53.5	<5.00	26.9	<100	10,500	<5.00	249	27	0.13	2.7	26	31	252	<0.10	10.5	<1
S-20	**02/12/2009**	**<10.0**	**<10.0**	**33.4**	**60.6**	**<5.00**	**23.3**	**<100**	**8,410**	**73.9**	**259**	**38**	**0.24**	**2.9**	**150**	**29**	**205**	**<0.10**	**NA**	**NA**
S-21A	11/11/2008	<10.0	38.4	<5.00	1,090	5.39	1,390	<100	384,000	2,990	9,000	90	0.98	<0.10	18	<1.0	7,510	0.16	384	<1 c
S-21A	**12/18/2008**	**<10.0**	**43.3**	**1,720**	**1,650**	**8,240**	**7,260**	**256,000**	**311,000**	**119,000**	**85,800**	**95**	**<0.50 d**	**0.51 d**	**18,000**	**4.4**	**2,470**	**0.15**	**NA**	**NA**
S-21A	**01/05/2009**	**<10.0**	**86.6**	**501**	**922**	**3,030**	**3,080**	**45,100**	**292,000**	**39,600**	**34,800**	**83**	**1.9**	**0.42**	**6,200**	**1.4**	**3,890**	**0.20**	**NA**	**NA**
S-21A	**01/15/2009**	**214**	**100**	**4,420**	**3,590**	**10,900**	**9,290**	**1,390,000**	**1,060,000**	**152,000**	**140,000**	**62**	**<1.0**	**4.9**	**30,000**	**11**	**860**	**<0.10**	**1,060**	**NA**
S-21A	**02/12/2009**	**<10.0**	**35.0**	**658**	**1,370**	**2,270**	**3,230**	**80,000**	**361,000**	**24,000**	**29,000**	**87**	**24**	**0.90**	**6,400**	**1.3**	**2,530**	**0.16**	**NA**	**NA**
S-21B	11/11/2008	<10.0	12.0	44.8	54.6	<5.00	6.07	<100	2,120	<5.00	61.6	37	0.17	5.3	40	43	42	<0.10	2.12	<1
S-21B	**12/18/2008**	**<10.0**	**<10.0**	**24.7**	**25.9**	**<5.00**	**<5.00**	**<100**	**116**	**5.68**	**10.3**	**42**	**<0.10**	**4.7**	**50**	**22**	**20**	**<0.10**	**NA**	**NA**
S-21B	**01/05/2009**	**<10.0**	**<10.0**	**25.2**	**25.9**	**<5.00**	**<5.00**	**<100**	**825**	**<5.00**	**23.2**	**44**	**0.24**	**4.4**	**50**	**20**	**55**	**<0.10**	**NA**	**NA**
S-21B	**01/15/2009**	**<10.0**	**<10.0**	**21.9**	**18.7**	**<5.00**	**<5.00**	**<100**	**200**	**<5.00**	**7.96**	**39**	**0.18**	**4.3**	**56**	**18**	**17**	**<0.10**	**0.200**	**NA**
S-21B	**02/12/2009**	**<10.0**	**<10.0**	**22.5**	**23.0**	**<5.00**	**<5.00**	**<100**	**842**	**<5.00**	**29.0**	**44**	**0.21**	**4.6 b**	**66**	**21**	**46**	**<0.10**	**NA**	**NA**
S-22A	11/11/2008	<10.0	70.3	<5.00	1,420	<5.00	1,890	145	546,000	2,710	10,500	82	1.2	<0.10	13	<1.0	4,770	2.6	543	<1 c
S-22A	**12/18/2008**	**<10.0**	**170**	**362**	**1,290**	**2,590**	**3,620**	**55,100**	**469,000**	**36,300**	**38,700**	**92**	**<1.0 d**	**<1.0 d, e**	**5,100**	**5.8**	**1,780**	**0.27**	**NA**	**NA**
S-22A	**01/05/2009**	**<10.0**	**132**	**<5.00**	**665**	**476**	**1,090**	**5,780**	**313,000**	**8,980**	**10,700**	**77**	**1.2**	**0.26**	**1,200**	**<1.0**	**9,200**	**1.4**	**NA**	**NA**
S-22A	**01/15/2009**	**<10.0**	**171**	**1,760**	**2,450**	**6,170**	**6,510**	**281,000**	**641,000**	**66,600**	**65,200**	**59**	**5.5**	**1.4**	**15,000**	**48**	**1,480**	**<0.10**	**641**	**NA**
S-22A	**02/12/2009**	**<10.0**	**89.9**	**16.6**	**1,170**	**899**	**1,250**	**203**	**354,000**	**11,800**	**13,000**	**86**	**2.3**	**0.34**	**1,700**	**1.2**	**3,860**	**<0.10**	**NA**	**NA**
S-22B	11/11/2008	<10.0	<10.0	25.7	30.2	<5.00	<5.00	<100	1,210	<5.00	24.8	17	<0.10	1.5	19	27	18	<0.10	1.21	<1
S-22B	**12/18/2008**	**<10.0**	**<10.0**	**24.3**	**29.3**	**<5.00**	**<5.00**	**166**	**1,850**	**6.12**	**42.5**	**19**	**<0.10**	**1.3**	**21**	**24**	**28**	**<0.10**	**NA**	**NA**
S-22B	**01/05/2009**	**<10.0**	**<10.0**	**38.0**	**41.8**	**<5.00**	**<5.00**	**109**	**1,250**	**7.36**	**25.3**	**45**	**<0.10**	**1.4**	**270**	**34**	**18**	**<0.10**	**NA**	**NA**
S-22B	**01/15/2009**	**<10.0**	**<10.0**	**88.4**	**79.1**	**7.69**	**7.65**	**<100**	**610**	**9.81**	**22.5**	**24**	**0.27**	**1.7**	**1,300**	**80**	**12**	**<0.10**	**0.610**	**NA**
S-22B	**02/12/2009**	**<10.0**	**<10.0**	**436**	**450**	**984**	**1,030**	**<100**	**590**	**9,800**	**10,300**	**40**	**<0.20**	**2.4**	**11,000**	**500**	**86**	**<0.10**	**NA**	**NA**
S-23	**02/12/2009**	**<10.0**	**<10.0**	**6.20**	**26.2**	**149**	**141**	**<100**	**7,840**	**2,580**	**2,450**	**24**	**<0.10**	**1.4**	**340**	**5.2**	**126**	**<0.10**	**NA**	**NA**

WELL CONCENTRATIONS - TABLE 2
Former Shell Service Station
461 8th Street
Oakland, CA

Well ID	Date	Dissolved Arsenic (ug/L)	Total Arsenic (ug/L)	Dissolved Chromium (ug/L)	Total Chromium (ug/L)	Dissolved Nickel (ug/L)	Total Nickel (ug/L)	Dissolved Iron (ug/L)	Total Iron (ug/L)	Dissolved Manganese (ug/L)	Total Manganese (ug/L)	Chloride (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Hexavalent Chromium (ug/L)	Total Suspended Solids (mg/L)	Iron (II) (mg/L)	Iron (III) (mg/L)	Bromate (mg/L)

Abbreviations:
ug/L = Parts per billion
mg/L = Parts per million
<n = Below detection limit
NA = Not analyzed
Arsenic, Chromium, Nickel, Iron and Manganese analyzed by EPA 6010B.
Chloride, Bromide, Nitrate and Sulfate analyzed by EPA 300.0.
Hexavalent Chromium analyzed by EPA 7199.
Total Suspended Solids analyzed by SM 2540 D.
Iron analyzed by SM3500-FeB.
Bromate analyzed by E300.1.

Notes:
b = Dilution analysis was run out of hold time
c = Aqueous sample that contains greater than ~1 vol.% sediment.
d= The reporting limit is elevated resulting from matrix interference.
e= Sample analyzed outside recommended holding time.

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

March 16, 2009

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

First Quarter 2009 Groundwater Monitoring at
Former Shell-branded Service Station
461 8th Street
Oakland, CA

Monitoring performed on December 18, 2008, January 5 and 15, and February 12, 2009

Groundwater Monitoring Report **091202-MT-1 (Special)**

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.

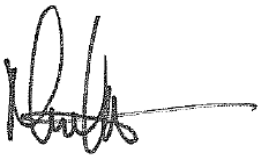
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

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/tm

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

cc: Anni Kreml
Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608

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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-4	10/26/1988	130	3.8	13	4.0	30	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA	NA	NA
S-4	2/14/1989	<50	0.5	<1	<1	3.0	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	12.82	80.69	NA	NA	NA
S-4	5/1/1989	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	16.48	77.03	NA	NA	NA
S-4	7/27/1989	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.84	77.67	NA	NA	NA
S-4	10/5/1989	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.98	77.53	NA	NA	NA
S-4	1/9/1990	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.86	77.65	NA	NA	NA
S-4	4/30/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.48	79.03	NA	NA	NA
S-4	7/31/1990	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA	NA	NA
S-4	10/30/1990	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA	NA	NA
S-4	5/6/1991	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.23	78.28	NA	NA	NA
S-4	6/27/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	13.54	79.97	NA	NA	NA
S-4	9/24/1991	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.85	77.66	NA	NA	NA
S-4	11/7/1991	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.60	77.91	NA	NA	NA
S-4	2/13/1992	<50	<0.5	<0.5	<0.5	3.0	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.27	79.24	NA	NA	NA
S-4	5/11/1992	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA	NA	NA
S-4	12/3/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA	NA	NA
S-4	5/13/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.81	78.70	NA	NA	NA
S-4	7/22/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.42	79.09	NA	NA	NA
S-4	10/20/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA	NA	NA
S-4	1/25/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.60	78.91	NA	NA	NA
S-4	4/25/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.39	79.12	NA	NA	NA
S-4	7/21/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	22.29	71.22	NA	NA	NA
S-4	10/24/1994	<500	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	22.72	70.79	NA	NA	NA
S-4	12/22/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	25.77*	22.25	3.52	NA	NA	NA
S-4	4/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.16	4.61	NA	NA	NA
S-4	10/4/1995	<50	1.2	0.7	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	25.77	22.25	3.52	NA	NA	NA
S-4	1/3/1996	<50	0.6	<0.5	<0.5	1.7	NA	NA	NA	NA	NA	NA	NA	NA	25.77	23.28	2.49	NA	NA	NA
S-4	4/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	21.58	4.19	NA	NA	NA
S-4	7/11/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	21.60	4.17	NA	NA	NA
S-4	10/2/1996	<50	<0.50	<0.50	<0.50	<0.50	2.6	NA	NA	NA	NA	NA	NA	NA	25.77	22.46	3.31	NA	NA	NA
S-4	1/22/1997	<50	0.73	<0.50	<0.50	0.63	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	20.06	5.71	NA	NA	NA
S-4	7/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	22.10	3.67	NA	NA	NA
S-4	1/22/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	20.50	5.27	NA	NA	NA
S-4	7/8/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	20.86	4.91	NA	NA	NA
S-4	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.41	4.36	NA	NA	NA
S-4	1/28/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	22.34	3.43	NA	NA	NA
S-4	4/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.43	4.34	NA	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
461 8th Street
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S-4	7/29/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	25.77	21.45	4.32	NA	NA	NA
S-4	11/1/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	22.08	3.69	NA	NA	NA
S-4	1/7/2000	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	25.77	22.29	3.48	NA	NA	NA
S-4	4/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.11	4.66	NA	NA	NA
S-4	7/19/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	25.77	21.19	4.58	NA	NA	NA
S-4	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	22.22	3.55	NA	NA	NA
S-4	1/9/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	25.77	22.17	3.60	NA	NA	NA
S-4	4/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.50	4.27	NA	NA	NA
S-4	7/25/2001	<50	2.0	0.52	<0.50	1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	25.77	21.50	4.27	NA	NA	NA
S-4	11/1/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.95	3.82	NA	NA	NA
S-4	01/17/2002 d	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	25.77	21.13	4.64	NA	NA	NA
S-4	5/8/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.35	4.42	NA	NA	NA
S-4	7/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	34.41	21.19	13.22	NA	NA	NA
S-4	10/15/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.42	12.99	NA	NA	NA
S-4	1/2/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	34.41	20.75	13.66	NA	NA	NA
S-4	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.08	13.33	NA	NA	NA
S-4	7/14/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.93	14.48	NA	NA	NA
S-4	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.56	14.85	NA	NA	NA
S-4	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	34.41	19.12	15.29	NA	NA	NA
S-4	4/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.15	15.26	NA	NA	NA
S-4	7/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.48	13.93	NA	NA	NA
S-4	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.00	13.41	NA	NA	NA
S-4	1/17/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	34.41	20.17	14.24	NA	NA	NA
S-4	4/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.82	14.59	NA	NA	NA
S-4	7/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.71	13.70	NA	NA	NA
S-4	10/5/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.85	13.56	NA	NA	NA
S-4	2/9/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	34.41	19.47	14.94	NA	NA	NA
S-4	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.52	14.89	NA	NA	NA
S-4	8/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.75	13.66	NA	NA	NA
S-4	11/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.03	14.38	NA	NA	NA
S-4	1/30/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	34.41	21.30	13.11	NA	NA	NA
S-4	5/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.15	13.26	NA	NA	NA
S-4	8/15/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.38	13.03	NA	NA	NA
S-4	11/28/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.55	12.86	NA	NA	NA
S-4	2/8/2008	64 h	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	34.41	22.75	11.66	NA	NA	NA
S-4	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	22.18	12.23	NA	NA	NA
S-4	8/14/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.77	12.64	NA	NA	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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-4	11/11/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.68	13.73	NA	NA	NA
S-4	**1/5/2009**	**250**	**1.8**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**<0.50**	**<1.0**	**34.41**	**20.92**	**13.49**	**NA**	**NA**	**NA**
S-5	4/16/1987	130000	15000	16000	NA	14000 a	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA	NA	NA
S-5	10/26/1988	110000	20000	25000	2300	10000	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA	NA	NA
S-5	2/14/1989	94000	16000	21000	1800	10000	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	19.87	79.49	NA	NA	NA
S-5	5/1/1989	120000	29000	35000	3100	15000	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.23	78.13	NA	NA	NA
S-5	7/27/1989	110000	20000	29000	2400	14000	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.41	78.95	NA	NA	NA
S-5	10/5/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.43	78.94	0.01	NA	NA
S-5	1/9/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.16	78.21	0.01	NA	NA
S-5	4/30/1990	100000	13000	22000	2100	11000	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.96	78.40	NA	NA	NA
S-5	7/31/1990	53000	8300	14000	1200	7400	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.88	78.48	NA	NA	NA
S-5	10/30/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.96	77.42	0.03	NA	NA
S-5	5/6/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	23.00	76.46	0.13	NA	NA
S-5	6/27/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.53	78.85	0.03	NA	NA
S-5	9/24/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.40	78.01	0.06	NA	NA
S-5	11/7/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.33	78.23	0.25	NA	NA
S-5	2/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.52	77.09	0.31	NA	NA
S-5	5/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.46	77.36	0.58	NA	NA
S-5	12/3/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA	NA	NA
S-5	5/13/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.22	77.36	0.27	NA	NA
S-5	7/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.68	77.88	0.25	NA	NA
S-5	10/20/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.51	79.03	0.23	NA	NA
S-5	1/25/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.93	77.57	0.18	NA	NA
S-5	4/25/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.97	77.67	0.35	NA	NA
S-5	5/26/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.84	78.80	0.35	NA	NA
S-5	6/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.01	78.61	0.32	NA	NA
S-5	7/21/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.18	77.56	0.47	NA	NA
S-5	8/25/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.01	77.70	0.44	NA	NA
S-5	9/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.00	77.48	0.15	NA	NA
S-5	10/24/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.28	77.53	0.56	NA	NA
S-5	12/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94*	22.88	0.85	0.99	NA	NA
S-5	4/20/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	21.66	1.54	0.33	NA	NA
S-5	10/4/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	22.18	0.76	NA	NA	NA
S-5	1/3/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	22.80	0.80	0.83	NA	NA
S-5	4/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	21.15	2.33	0.67	NA	NA
S-5	7/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	22.62	1.04	0.90	NA	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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-5	10/2/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	23.07	0.38	0.64	NA	NA
S-5	1/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	20.83	2.24	0.16	NA	NA
S-5	7/21/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	21.16	1.82	0.05	NA	NA
S-5	1/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	20.04	2.93	0.04	NA	NA
S-5	7/8/1998	220	14	40	5.8	34	3.3	NA	NA	NA	NA	NA	NA	NA	22.94	18.61	4.33	NA	NA	NA
S-5	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	17.31	5.63	NA	NA	NA
S-5	1/28/1999	51000	13000	1200	1200	2400	2400	NA	NA	NA	NA	NA	NA	NA	22.94	20.11	2.83	NA	NA	NA
S-5	4/23/1999	65600	2540	7300	1790	9840	<1000	NA	NA	NA	NA	NA	NA	NA	22.94	19.21	3.73	NA	NA	NA
S-5	7/29/1999	61400	3320	6980	1520	7700	<1000	NA	NA	NA	NA	NA	NA	NA	22.94	14.77	8.17	NA	NA	NA
S-5	11/1/1999	48200	2700	5740	1290	7850	<500	<40.0	NA	NA	NA	NA	NA	NA	22.94	15.56	7.38	NA	NA	NA
S-5	1/7/2000	39000	3900	8500	790	8300	1500	NA	NA	NA	NA	NA	NA	NA	22.94	15.82	7.12	NA	NA	NA
S-5	4/11/2000	29300	1680	5060	1130	6220	<250	NA	NA	NA	NA	NA	NA	NA	22.94	18.19	4.75	NA	NA	NA
S-5	7/19/2000	6420	2110	207	252	681	355	253 b	NA	NA	NA	NA	NA	NA	22.94	19.01	3.93	NA	NA	NA
S-5	10/12/2000	41500	2940	4940	1520	7770	<250	<66.7	NA	NA	NA	NA	NA	NA	22.94	19.62	3.32	NA	NA	NA
S-5	1/9/2001	142000	7030	9550	2340	12600	779	NA	NA	NA	NA	NA	NA	NA	22.94	19.94	3.00	NA	NA	NA
S-5	4/6/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	NA	NA	NA	NA	NA
S-5	4/13/2001	59800	4810	10800	1950	10100	842	<10.0	NA	NA	NA	NA	NA	NA	22.94	14.72	8.22	NA	NA	NA
S-5	7/25/2001	71000	2900	6800	1700	9100	NA	<250	NA	NA	NA	NA	NA	NA	22.94	14.91	8.03	NA	NA	NA
S-5	8/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	19.43	3.51	NA	NA	NA
S-5	11/1/2001	Unable to locate		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	NA	NA	NA	NA	NA
S-5	01/17/2002 d	58000	460	3300	1900	8400	NA	<200	NA	NA	NA	NA	NA	NA	c	14.27	NA	NA	NA	NA
S-5	05/08/2002 d	60000	650	2700	1800	8800	NA	<100	NA	NA	NA	NA	NA	NA	22.94	18.40	4.54	NA	NA	NA
S-5	7/18/2002	53000	240	1200	1500	6400	NA	<100	NA	NA	NA	NA	NA	NA	27.36	14.25	13.11	NA	NA	NA
S-5	10/15/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.36	NA	NA	NA	NA	NA
S-5	10/17/2002	42000	420	1100	1200	5500	NA	<10	NA	NA	NA	NA	NA	NA	27.36	14.90	12.46	NA	NA	NA
S-5	1/2/2003	26000	680	1500	780	3800	NA	<5.0	NA	NA	NA	NA	NA	NA	27.36	14.72	12.64	NA	NA	NA
S-5	4/15/2003	3600	29	38	65	370	NA	<5.0	NA	NA	NA	NA	NA	NA	e	14.45	NA	NA	NA	NA
S-5	7/14/2003	21000	210	460	650	2900	NA	<10	NA	NA	NA	NA	NA	NA	e	14.10	NA	NA	NA	NA
S-5	10/20/2003	37000	390	590	870	3500	NA	<13	NA	NA	NA	NA	NA	NA	e	14.63	NA	NA	NA	NA
S-5	1/22/2004	29000	200	210	710	2400	NA	<13	NA	NA	NA	NA	NA	NA	e	14.08	NA	NA	NA	NA
S-5	4/19/2004	25000	490	460	750	2400	NA	19	NA	NA	NA	NA	NA	NA	e	13.43	NA	NA	NA	NA
S-5	7/13/2004	28000	300	280	690	2400	NA	<13	NA	NA	NA	NA	NA	NA	e	14.88	NA	NA	NA	NA
S-5	8/14/2008	31,000	1,700	1,600	1,400	3,350	NA	<10	NA	NA	NA	NA	<5.0	<10	e	16.65	NA	NA	NA	NA
S-5	11/11/2008 k	37,000	2,500	1,300	2,000	3,490	NA	<50	NA	NA	NA	NA	<25	<50	e	16.81	NA	NA	NA	NA
S-5	11/11/2008 l	40,000	2,300	1,400	1,900	3,630	NA	<50	NA	NA	NA	NA	<25	<50	e	16.81	NA	NA	NA	NA
S-5	**1/5/2009**	**57,000**	**2,300**	**1,400**	**1,500**	**2,900**	**NA**	**<10**	**NA**	**NA**	**NA**	**NA**	**<5.0**	**<10**	**e**	**16.71**	**NA**	**NA**	**NA**	**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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-6	4/16/1987	81000	16000	9000	NA	6400 a	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	NA	NA	NA	NA	NA
S-6	10/26/1988	110000	29000	18000	2500	8200	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	NA	NA	NA	NA	NA
S-6	2/14/1989	54000	18000	4500	1400	4000	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	20.87	79.71	NA	NA	NA
S-6	5/1/1989	93000	43000	9900	3000	8000	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	20.49	80.09	NA	NA	NA
S-6	7/27/1989	52000	20000	3200	1700	5500	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.01	79.57	NA	NA	NA
S-6	10/5/1989	55000	20000	2900	1600	5500	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.24	79.34	NA	NA	NA
S-6	1/9/1990	76000	35000	9100	2300	8600	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.62	77.96	SHEEN	NA	NA
S-6	4/30/1990	39000	13000	2300	900	2800	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.10	78.48	NA	NA	NA
S-6	7/31/1990	48000	20000	4600	1500	4900	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.00	78.58	NA	NA	NA
S-6	10/30/1990	27000	7400	900	600	1400	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.14	78.44	NA	NA	NA
S-6	5/6/1991	35000	3900	2700	2300	3500	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.40	78.18	NA	NA	NA
S-6	6/27/1991	51000	19000	5600	1700	6300	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.21	79.37	NA	NA	NA
S-6	9/24/1991	42000	14000	4300	1200	4000	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.26	78.32	NA	NA	NA
S-6	11/7/1991	39000	11000	2000	800	2300	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.35	78.23	NA	NA	NA
S-6	2/13/1992	64000	21000	6200	1600	5100	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.28	78.30	NA	NA	NA
S-6	5/11/1992	57000	22000	7600	2200	7700	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.10	78.48	NA	NA	NA
S-6	12/3/1992	110000	26000	9400	2100	8700	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.14	78.44	NA	NA	NA
S-6	5/13/1993	58000	21000	6800	2500	9800	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.16	78.42	NA	NA	NA
S-6	7/22/1993	70000	31000	14000	3000	13000	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.64	78.94	NA	NA	NA
S-6	10/20/1993	48000	28000	9800	3200	12000	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.62	78.96	NA	NA	NA
S-6	1/25/1994	70000	23000	7500	2500	8000	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.80	78.78	NA	NA	NA
S-6	4/25/1994	61000	16000	4000	1800	5100	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.68	78.90	NA	NA	NA
S-6	7/21/1994	44000	8200	3600	1400	3900	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.78	78.80	NA	NA	NA
S-6 (D)	7/21/1994	32000	7800	3400	1300	3700	NA	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	10/24/1994	2936	1184	440.6	163	648.4	NA	NA	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.06	78.52	NA	NA	NA
S-6 (D)	10/24/1994	2968	770.8	325.3	144	622	NA	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	12/22/1994	32000	7000	2900	790	2400	NA	NA	NA	NA	NA	NA	NA	NA	22.08*	21.91	0.17	NA	NA	NA
S-6 (D)	12/22/1994	32000	8000	3800	1100	3400	NA	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	4/20/1995	56000	15000	3800	1900	4900	NA	NA	NA	NA	NA	NA	NA	NA	22.08	21.38	0.70	NA	NA	NA
S-6 (D)	4/20/1995	49000	13000	3500	1800	4700	NA	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	10/4/1995	49000	8400	4700	1800	4800	NA	NA	NA	NA	NA	NA	NA	NA	22.08	21.80	0.28	NA	NA	NA
S-6 (D)	10/4/1995	41000	8400	4100	1400	4400	NA	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	1/3/1996	52000	9100	7100	1800	5800	NA	NA	NA	NA	NA	NA	NA	NA	22.08	21.70	0.38	NA	NA	NA
S-6	4/11/1996	59000	11000	7100	2100	6400	<500	NA	NA	NA	NA	NA	NA	NA	22.08	21.62	0.46	NA	NA	NA
S-6 (D)	4/11/1996	59000	11000	6800	1900	6400	<500	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	7/11/1996	72000	18000	6600	2500	8400	<1000	NA	NA	NA	NA	NA	NA	NA	22.08	21.65	2.78	NA	NA	NA
S-6	10/2/1996	57000	11000	6500	1500	5100	<500	NA	NA	NA	NA	NA	NA	NA	22.08	21.80	2.63	NA	NA	NA

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S-6	1/22/1997	67000	15000	5000	1800	5400	<1000	NA	NA	NA	NA	NA	NA	NA	22.08	19.95	2.13	NA	NA	NA
S-6 (D)	1/22/1997	63000	15000	4800	1800	5200	<1000	NA	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA	NA	NA
S-6	7/21/1997	61000	15000	2100	1100	3500`	1900	NA	NA	NA	NA	NA	NA	NA	22.08	20.61	1.47	NA	NA	NA
S-6	1/22/1998	46000	14000	3200	1300	3400	<500	NA	NA	NA	NA	NA	NA	NA	22.08	19.82	2.26	NA	NA	NA
S-6	7/8/1998	74000	26000	7500	2200	6200	<1000	NA	NA	NA	NA	NA	NA	NA	22.08	18.20	3.88	NA	NA	NA
S-6	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.08	18.81	3.27	NA	NA	NA
S-6	1/28/1999	120000	9000	14000	2700	14000	3700	NA	NA	NA	NA	NA	NA	NA	22.08	19.73	2.35	NA	NA	NA
S-6	4/23/1999	58500	15900	1360	1640	3030	<2500	NA	NA	NA	NA	NA	NA	NA	22.08	17.58	4.50	NA	NA	NA
S-6	7/29/1999	36200	10300	760	930	1360	<1000	NA	NA	NA	NA	NA	NA	NA	22.08	21.35	0.73	NA	NA	NA
S-6	11/1/1999	36000	11700	767	865	1670	<1250	<40.0	NA	NA	NA	NA	NA	NA	22.08	19.23	2.85	NA	NA	NA
S-6	1/7/2000	36000	7600	4600	840	3600	<1000	NA	NA	NA	NA	NA	NA	NA	22.08	19.53	2.55	NA	NA	NA
S-6	4/11/2000	14600	7540	205	306	609	621	NA	NA	NA	NA	NA	NA	NA	22.08	18.16	3.92	NA	NA	NA
S-6	7/19/2000	2590	629	63.9	99.6	267	124	72.7 b	NA	NA	NA	NA	NA	NA	22.08	18.40	3.68	NA	NA	NA
S-6	10/12/2000	32900	14200	966	1060	1790	<500	<100	NA	NA	NA	NA	NA	NA	22.08	19.52	2.56	NA	NA	NA
S-6	1/9/2001	27600	11200	675	666	1580	1430	<10.0 b	NA	NA	NA	NA	NA	NA	22.08	19.69	2.39	NA	NA	NA
S-6	2/5/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.08	19.20	2.88	NA	NA	NA
S-6	4/6/2001	16900	7800	343	172	966	809	<20.0	NA	NA	NA	NA	NA	NA	22.08	18.25	3.83	NA	NA	NA
S-6	7/25/2001	29000	9800	1700	1000	1800	NA	<250	NA	NA	NA	NA	NA	NA	22.08	18.27	3.81	NA	NA	NA
S-6	11/1/2001	41000	15000	2400	1100	2500	NA	<500	NA	NA	NA	NA	NA	NA	22.08	19.30	2.78	NA	NA	NA
S-6	01/17/2002 d	38000	11000	1700	990	2200	NA	<500	NA	NA	NA	NA	NA	NA	22.08	18.51	3.57	NA	NA	NA
S-6	5/8/2002	72000	21000	4400	2200	5300	NA	<1000	NA	NA	NA	NA	NA	NA	22.08	18.30	3.78	NA	NA	NA
S-6	7/18/2002	71000	17000	4300	1700	4800	NA	<1000	NA	NA	NA	NA	NA	NA	30.56	18.19	12.37	NA	NA	NA
S-6	10/15/2002	55000	16000	4600	1500	4600	NA	<100	NA	NA	NA	NA	NA	NA	30.56	18.77	11.79	NA	NA	NA
S-6	1/2/2003	75000	21000	5000	2400	6400	NA	<50	NA	NA	NA	NA	NA	NA	30.56	18.60	11.96	NA	NA	NA
S-6	4/15/2003	64000	29000	6400	2700	5600	NA	<1000	NA	NA	NA	NA	NA	NA	30.56	18.27	12.29	NA	NA	NA
S-6	7/14/2003	47000	19000	4300	1500	4300	NA	<100	NA	NA	NA	NA	NA	NA	30.56	18.05	12.51	NA	NA	NA
S-6	10/20/2003	63000	21000	5800	1900	5200	NA	<130	NA	NA	NA	NA	NA	NA	30.56	18.55	12.01	f	NA	NA
S-6	1/22/2004	41000	21000	4300	1800	4000	NA	<130	NA	NA	NA	NA	NA	NA	30.56	18.18	12.38	f	NA	NA
S-6	4/19/2004	58000	23000	4200	2200	3900	NA	<130	NA	NA	NA	NA	NA	NA	30.56	17.32	13.24	NA	NA	NA
S-6	5/3/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.56	17.30	13.26	NA	NA	NA
S-6	6/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.56	17.70	12.86	NA	NA	NA
S-6	7/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.56	17.85	12.71	NA	NA	NA
S-6	10/28/2004 g	45000	21000	3600	1700	3300	NA	<130	NA	NA	NA	NA	NA	NA	30.56	18.45	12.11	NA	NA	NA
S-6	1/17/2005	61000	21000	3500	1600	3200	NA	<130	NA	NA	NA	NA	NA	NA	30.56	17.52	13.04	NA	NA	NA
S-6	4/14/2005	36000	12000	6200	850	4800	NA	<50	NA	NA	NA	NA	NA	NA	30.56	22.49	8.07	NA	NA	NA
S-6	7/28/2005	54000	16000	9100	1800	5900	NA	<130	NA	NA	NA	NA	NA	NA	30.56	19.38	11.18	NA	NA	NA
S-6	10/5/2005	59000	14000	7500	1400	5000	NA	<50	NA	NA	NA	NA	NA	NA	30.56	18.32	12.24	NA	NA	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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-6	2/9/2006	41100	7060	3900	673	2380	NA	<0.500	NA	NA	NA	NA	NA	NA	30.56	17.11	13.45	NA	NA	NA
S-6	5/15/2006	188000	24800	20700	2540	12400	NA	<25.0	NA	NA	NA	NA	NA	NA	30.56	19.80	10.76	NA	NA	NA
S-6	8/23/2006	133000	24900	16100	2280	10500	NA	<0.500	NA	NA	NA	NA	NA	NA	30.56	20.45	10.11	NA	NA	NA
S-6	11/15/2006	66000	19000	8400	1900	7400	NA	<400	NA	NA	NA	NA	NA	NA	30.56	20.41	10.15	NA	NA	NA
S-6	1/30/2007	88000	18000	9600	1900	7200	NA	<100	NA	NA	NA	NA	NA	NA	30.56	20.47	10.09	NA	NA	NA
S-6	5/29/2007	56000 h	17000	6700	1700	5400	NA	<20	NA	NA	NA	NA	NA	NA	30.56	20.40	10.16	NA	NA	NA
S-6	8/15/2007	57000 h,i	15000	6800	1600	6100	NA	<100	NA	NA	NA	NA	NA	NA	30.56	20.49	10.07	NA	NA	NA
S-6	11/28/2007	42000 h	13000	5000	1300	5000	NA	<100	NA	NA	NA	NA	NA	NA	30.56	20.65	9.91	NA	NA	NA
S-6	2/8/2008	35000 h	12000	5000	1200	4050	NA	<100	NA	NA	NA	NA	<50	<100	30.56	20.31	10.25	NA	NA	NA
S-6	5/8/2008	45000 h	15000	6100	1400	5000	NA	<100	NA	NA	NA	NA	<50	<100	30.56	20.63	9.93	NA	NA	NA
S-6	8/14/2008	37,000	11,000	5,200	1,200	4,600	NA	<100	NA	NA	NA	NA	<50	<100	30.56	20.65	9.91	NA	NA	NA
S-6	11/11/2008 k	37,000	15,000	6,200	1,200	3,390	NA	<10	NA	NA	NA	NA	<5.0	<10	30.56	20.79	9.77	NA	NA	NA
S-6	11/11/2008 l	14,000	5,200	680	400	1,060	NA	<50	NA	NA	NA	NA	<25	<50	30.56	20.79	9.77	NA	NA	NA
S-6	**1/5/2009**	**53,000**	**9,400**	**3,600**	**890**	**3,100**	**NA**	**<100**	**NA**	**NA**	**NA**	**NA**	**<50**	**<100**	**30.56**	**21.66**	**8.90**	**NA**	**NA**	**NA**
S-8	12/22/1994	600	120	32	5.2	34	NA	NA	NA	NA	NA	NA	NA	NA	27.21	24.87	2.34	NA	NA	NA
S-8	4/20/1995	460	180	23	5.2	21	NA	NA	NA	NA	NA	NA	NA	NA	27.21	23.90	3.31	NA	NA	NA
S-8	10/4/1995	830	210	38	11	42	NA	NA	NA	NA	NA	NA	NA	NA	27.21	24.48	2.73	NA	NA	NA
S-8	1/3/1996	350	61	12	2.5	12	NA	NA	NA	NA	NA	NA	NA	NA	27.21	24.62	2.59	NA	NA	NA
S-8 (D)	1/3/1996	340	54	12	2.4	12	NA	NA	NA	NA	NA	NA	NA	NA	27.21	NA	NA	NA	NA	NA
S-8	4/11/1996	570	140	37	12	47	<6.2	NA	NA	NA	NA	NA	NA	NA	27.21	24.32	2.89	NA	NA	NA
S-8	7/11/1996	980	98	32	9.1	160	<12	NA	NA	NA	NA	NA	NA	NA	27.21	24.10	3.11	NA	NA	NA
S-8	10/2/1996	280	62	13	3.3	25	15	NA	NA	NA	NA	NA	NA	NA	27.21	25.38	1.83	NA	NA	NA
S-8 (D)	10/2/1996	490	110	24	7.0	45	22	<2.0	NA	NA	NA	NA	NA	NA	27.21	NA	NA	NA	NA	NA
S-8	1/22/1997	400	90	13	4.9	25	12	NA	NA	NA	NA	NA	NA	NA	27.21	23.91	3.30	NA	NA	NA
S-8	7/21/1997	2900	380	110	26	260	85	NA	NA	NA	NA	NA	NA	NA	27.21	23.62	3.59	NA	NA	NA
S-8 (D)	7/21/1997	3200	420	120	32	300	130	NA	NA	NA	NA	NA	NA	NA	27.21	NA	NA	NA	NA	NA
S-8	1/22/1998	3800	790	140	42	330	160	NA	NA	NA	NA	NA	NA	NA	27.21	23.52	3.69	NA	NA	NA
S-8 (D)	1/22/1998	3500	780	120	33	300	160	NA	NA	NA	NA	NA	NA	NA	27.21	NA	NA	NA	NA	NA
S-8	7/8/1998	3600	1800	<25	<25	<25	<125	NA	NA	NA	NA	NA	NA	NA	27.21	21.52	5.69	NA	NA	NA
S-8 (D)	7/8/1998	4000	1800	<25	<25	31	<125	NA	NA	NA	NA	NA	NA	NA	27.21	NA	NA	NA	NA	NA
S-8	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.21	22.01	5.20	NA	NA	NA
S-8	1/28/1999	2000	630	6.2	24	51	43	NA	NA	NA	NA	NA	NA	NA	27.21	23.03	4.18	NA	NA	NA
S-8	4/23/1999	1050	408	<5.00	<5.00	6.65	<50.0	NA	NA	NA	NA	NA	NA	NA	27.21	22.15	5.06	NA	NA	NA
S-8	7/29/1999	955	344	<2.50	6.90	16.2	<25.0	NA	NA	NA	NA	NA	NA	NA	27.21	21.95	5.26	NA	NA	NA
S-8	11/1/1999	1800	550	6.45	15	40.4	<50.0	NA	NA	NA	NA	NA	NA	NA	27.21	22.55	4.66	NA	NA	NA
S-8	1/7/2000	1300	600	11	29	48	<13	NA	NA	NA	NA	NA	NA	NA	27.21	22.87	4.34	NA	NA	NA

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S-8	4/11/2000	342	101	4.42	4.24	14.7	21.4	NA	NA	NA	NA	NA	NA	NA	27.21	21.86	5.35	NA	NA	NA
S-8	7/19/2000	579	228	6.37	6.45	25.0	<12.5	NA	NA	NA	NA	NA	NA	NA	27.21	21.93	5.28	NA	NA	NA
S-8	10/12/2000	947	340	8.64	3.26	38.3	<12.5	<2.00	NA	NA	NA	NA	NA	NA	27.21	22.92	4.29	NA	NA	NA
S-8	1/9/2001	1090	394	<10.0	<10.0	33.3	57.6	NA	NA	NA	NA	NA	NA	NA	27.21	23.19	4.02	NA	NA	NA
S-8	4/6/2001	671	182	12.5	16.4	47.1	42.5	NA	NA	NA	NA	NA	NA	NA	27.21	22.46	4.75	NA	NA	NA
S-8	7/25/2001	500	70	6.7	11	23	NA	<5.0	NA	NA	NA	NA	NA	NA	27.21	22.50	4.71	NA	NA	NA
S-8	11/1/2001	1900	250	28	39	180	NA	<5.0	NA	NA	NA	NA	NA	NA	27.21	22.44	4.77	NA	NA	NA
S-8	01/17/2002 d	830	140	11	12	89	NA	<5.0	NA	NA	NA	NA	NA	NA	27.21	21.82	5.39	NA	NA	NA
S-8	05/08/2002 d	210	34	1.7	4.1	15	NA	<5.0	NA	NA	NA	NA	NA	NA	27.21	21.35	5.86	NA	NA	NA
S-8	7/18/2002	650	68	2.8	9.7	42	NA	<5.0	NA	NA	NA	NA	NA	NA	35.85	21.53	14.32	NA	NA	NA
S-8	10/15/2002	1000	160	4.2	7.7	74	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	21.97	13.88	NA	NA	NA
S-8	1/2/2003	440	55	1.8	2.9	31	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	21.95	13.90	NA	NA	NA
S-8	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.73	14.12	NA	NA	NA
S-8	7/14/2003	60	6.8	<0.50	0.98	4.9	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	21.40	14.45	NA	NA	NA
S-8	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.94	13.91	NA	NA	NA
S-8	1/22/2004	210	19	0.52	3.6	17	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	21.40	14.45	NA	NA	NA
S-8	4/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	20.83	15.02	NA	NA	NA
S-8	7/13/2004	420	77	0.82	14	31	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	21.05	14.80	NA	NA	NA
S-8	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.77	14.08	NA	NA	NA
S-8	1/17/2005	490	85	0.89	13	28	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	20.92	14.93	NA	NA	NA
S-8	4/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.57	14.28	NA	NA	NA
S-8	7/28/2005	64	12	<0.50	1.5	1.6	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	21.62	14.23	NA	NA	NA
S-8	10/5/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.11	14.74	NA	NA	NA
S-8	2/9/2006	<50.0	2.79	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	35.85	20.18	15.67	NA	NA	NA
S-8	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	20.53	15.32	NA	NA	NA
S-8	8/23/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	35.85	21.49	14.36	NA	NA	NA
S-8	11/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	22.05	13.80	NA	NA	NA
S-8	1/30/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	35.85	22.41	13.44	NA	NA	NA
S-8	5/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	22.65	13.20	NA	NA	NA
S-8	8/15/2007	65 h,i	7.4	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	35.85	22.88	12.97	NA	NA	NA
S-8	11/28/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	23.20	12.65	NA	NA	NA
S-8	2/8/2008	350 h	22	<1.0	4.8	2.6	NA	1.2	NA	NA	NA	NA	<0.50	<1.0	35.85	22.72	13.13	NA	NA	NA
S-8	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	22.91	12.94	NA	NA	NA
S-8	8/14/2008	420	28	<1.0	6.3	1.4	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	35.85	23.12	12.73	NA	NA	NA
S-8	11/11/2008 k	330	37	<1.0	5.1	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	35.85	23.37	12.48	NA	1.6	28
S-8	11/11/2008 l	480	29	<1.0	5.4	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	35.85	23.37	12.48	NA	2.2	103
S-8	**12/18/2008**	**340**	**38**	**<1.0**	**5.4**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.83**	**23.31**	**12.52**	**NA**	**NA**	**NA**

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S-8	**1/5/2009**	**170**	**15**	**<1.0**	**1.2**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.83**	**23.28**	**12.55**	**NA**	**NA**	**NA**
S-8	**1/15/2009**	**260**	**45**	**<1.0**	**3.2**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.83**	**23.05**	**12.78**	**NA**	**NA**	**NA**
S-8	**2/12/2009**	**88**	**7.2**	**<1.0**	**<1.0**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.83**	**23.34**	**12.49**	**NA**	**NA**	**NA**
S-9	12/22/1994	2600	400	150	42	310	NA	NA	NA	NA	NA	NA	NA	NA	26.06	24.37	1.69	NA	NA	NA
S-9	4/20/1995	1900	400	130	51	200	NA	NA	NA	NA	NA	NA	NA	NA	26.06	23.49	2.57	NA	NA	NA
S-9	10/4/1995	3200	590	260	68	280	NA	NA	NA	NA	NA	NA	NA	NA	26.06	24.01	2.05	NA	NA	NA
S-9	1/3/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA	NA	NA
S-9	4/11/1996	2100	440	1500	42	210	<25	NA	NA	NA	NA	NA	NA	NA	26.06	23.61	2.45	NA	NA	NA
S-9	7/11/1996	5200	940	450	120	520	<50	NA	NA	NA	NA	NA	NA	NA	26.06	23.78	2.28	NA	NA	NA
S-9 (D)	7/11/1996	4800	890	430	110	500	<50	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA	NA	NA
S-9	10/2/1996	3000	680	220	56	270	<62	NA	NA	NA	NA	NA	NA	NA	26.06	24.31	1.75	NA	NA	NA
S-9	1/22/1997	1500	230	71	36	130	<12	NA	NA	NA	NA	NA	NA	NA	26.06	23.08	2.98	NA	NA	NA
S-9	7/21/1997	3400	590	57	19	210	96	NA	NA	NA	NA	NA	NA	NA	26.06	22.83	3.23	NA	NA	NA
S-9	1/22/1998	2600	300	46	<10	270	62	NA	NA	NA	NA	NA	NA	NA	26.06	21.96	4.10	NA	NA	NA
S-9	7/8/1998	820	150	6.2	8	57	<10	NA	NA	NA	NA	NA	NA	NA	26.06	20.85	5.21	NA	NA	NA
S-9	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.39	4.67	NA	NA	NA
S-9	1/28/1999	<50	1.0	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	26.06	22.32	3.74	NA	NA	NA
S-9	4/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.41	4.65	NA	NA	NA
S-9	7/29/1999	117	7.77	0.817	0.683	5.05	<5.00	NA	NA	NA	NA	NA	NA	NA	26.06	21.25	4.81	NA	NA	NA
S-9	11/1/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.92	4.14	NA	NA	NA
S-9	1/7/2000	<50	1.2	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	26.06	22.11	3.95	NA	NA	NA
S-9	4/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.14	4.92	NA	NA	NA
S-9	7/19/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA	NA	NA
S-9	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	22.24	3.82	NA	NA	NA
S-9	1/9/2001	<50.0	1.45	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	26.06	22.52	3.54	NA	NA	NA
S-9	4/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	23.61	2.45	NA	NA	NA
S-9	7/25/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA	NA	NA
S-9	8/13/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA	NA	NA
S-9	11/1/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.78	4.28	NA	NA	NA
S-9	01/17/2002 d	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	26.06	21.15	4.91	NA	NA	NA
S-9	5/8/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	20.56	5.50	NA	NA	NA
S-9	7/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	34.70	20.88	13.82	NA	NA	NA
S-9	10/15/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.41	13.29	NA	NA	NA
S-9	1/2/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	34.70	21.35	13.35	NA	NA	NA
S-9	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.14	13.56	NA	NA	NA
S-9	7/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	34.70	20.80	13.90	NA	NA	NA

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S-9	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.33	13.37	NA	NA	NA
S-9	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	34.70	20.77	13.93	NA	NA	NA
S-9	4/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	20.06	14.64	NA	NA	NA
S-9	7/13/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NN	34.70	20.44	14.26	NA	NA	NA
S-9	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.02	13.68	NA	NA	NA
S-9	1/17/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	34.70	20.18	14.52	NA	NA	NA
S-9	4/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.85	12.85	NA	NA	NA
S-9	7/28/2005	360	190	1.8	1.1	3.9	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	34.70	21.22	13.48	NA	NA	NA
S-9	10/5/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	20.63	14.07	NA	NA	NA
S-9	2/9/2006	<50.0	0.940	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	34.70	19.23	15.47	NA	NA	NA
S-9	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	20.28	14.42	NA	NA	NA
S-9	8/23/2006	7000	1740	55.6	193	278	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	NA	34.70	21.31	13.39	NA	NA	NA
S-9	11/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.79	12.91	NA	NA	NA
S-9	1/30/2007	12000	2200	250	480	980	NA	<0.50	NA	NA	NA	NA	NA	NA	34.70	22.08	12.62	NA	NA	NA
S-9	5/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	22.22	12.48	NA	NA	NA
S-9	8/15/2007	9800 h,i	2400	100	410	602	NA	<10	<20	<20	<20	<100	NA	NA	34.70	22.43	12.27	NA	NA	NA
S-9	11/28/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	22.75	11.95	NA	NA	NA
S-9	2/8/2008	69 h	2.2	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	34.70	22.31	12.39	NA	NA	NA
S-9	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	22.49	12.21	NA	NA	NA
S-9	8/14/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	34.70	22.70	12.00	NA	NA	NA
S-9	11/11/2008 k	<50	2.4	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	34.70	22.90	11.80	NA	1.1	92
S-9	11/11/2008 l	550	74	12	22	55.3	NA	NA	NA	NA	NA	NA	NA	NA	34.70	22.90	11.80	NA	3.6	98
S-9	**12/18/2008**	**1500**	**280**	**43**	**71**	**182**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.34**	**22.81**	**11.53**	**NA**	**NA**	**NA**
S-9	**1/5/2009**	**1,000**	**230**	**24**	**45**	**64**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.34**	**22.75**	**11.59**	**NA**	**NA**	**NA**
S-9	**1/15/2009**	**2,100**	**560**	**75**	**100**	**245**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.34**	**22.37**	**11.97**	**NA**	**NA**	**NA**
S-9	**2/12/2009**	**500**	**120**	**19**	**26**	**50**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.34**	**22.61**	**11.73**	**NA**	**NA**	**NA**
S-10	12/22/1994	420	27	8.0	18	45	NA	NA	NA	NA	NA	NA	NA	NA	28.04	25.84	2.20	NA	NA	NA
S-10	4/20/1995	820	49	3.7	97	52	NA	NA	NA	NA	NA	NA	NA	NA	28.04	24.92	3.12	NA	NA	NA
S-10	10/4/1995	240	6.5	1.1	16	12	NA	NA	NA	NA	NA	NA	NA	NA	28.04	25.47	2.57	NA	NA	NA
S-10	1/3/1996	1100	27	4.9	110	70	NA	NA	NA	NA	NA	NA	NA	NA	28.04	25.60	2.44	NA	NA	NA
S-10	4/11/1996	530	19	1.6	82	52	<5.0	NA	NA	NA	NA	NA	NA	NA	28.04	25.27	2.77	NA	NA	NA
S-10	7/11/1996	570	16	3.2	53	53	<2.5	NA	NA	NA	NA	NA	NA	NA	28.04	25.46	2.58	NA	NA	NA
S-10	10/2/1996	270	8.2	0.77	24	23	3.3	NA	NA	NA	NA	NA	NA	NA	28.04	25.81	2.23	NA	NA	NA
S-10	1/22/1997	160	4.8	0.73	16	11	<2.5	NA	NA	NA	NA	NA	NA	NA	28.04	24.74	3.30	NA	NA	NA
S-10	7/21/1997	530	5.7	0.70	29	69	<2.5	NA	NA	NA	NA	NA	NA	NA	28.04	24.50	3.54	NA	NA	NA
S-10	1/22/1998	1500	15	<5.0	88	130	<25	NA	NA	NA	NA	NA	NA	NA	28.04	24.44	3.60	NA	NA	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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-10	7/8/1998	530	4.8	1.1	47	51	<2.5	NA	NA	NA	NA	NA	NA	NA	28.04	22.36	5.68	NA	NA	NA
S-10	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.81	5.23	NA	NA	NA
S-10	1/28/1999	630	4.6	0.98	<0.50	59	<2.5	NA	NA	NA	NA	NA	NA	NA	28.04	23.82	4.22	NA	NA	NA
S-10	4/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.96	5.08	NA	NA	NA
S-10	7/29/1999	728	3.40	<1.00	41.8	38.0	<10.0	NA	NA	NA	NA	NA	NA	NA	28.04	22.63	5.41	NA	NA	NA
S-10	11/1/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	23.02	5.02	NA	NA	NA
S-10	1/7/2000	870	8.5	1.3	110	110	<2.5	NA	NA	NA	NA	NA	NA	NA	28.04	23.33	4.71	NA	NA	NA
S-10	4/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.64	5.40	NA	NA	NA
S-10	7/19/2000	612	3.75	<0.500	41.6	43.6	<2.50	NA	NA	NA	NA	NA	NA	NA	28.04	23.04	5.00	NA	NA	NA
S-10	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	23.92	4.12	NA	NA	NA
S-10	1/9/2001	647	7.62	1.01	66.2	42.4	<2.50	NA	NA	NA	NA	NA	NA	NA	28.04	24.13	3.91	NA	NA	NA
S-10	4/6/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	25.37	2.67	NA	NA	NA
S-10	7/25/2001	340	1.5	<0.50	42	19	NA	<5.0	NA	NA	NA	NA	NA	NA	28.04	25.35	2.69	NA	NA	NA
S-10	11/1/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	23.22	4.82	NA	NA	NA
S-10	01/17/2002 d	1100	3.5	<0.50	55	46	NA	<5.0	NA	NA	NA	NA	NA	NA	28.04	22.72	5.32	NA	NA	NA
S-10	5/8/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.35	5.69	NA	NA	NA
S-10	7/18/2002	750	1.8	<0.50	42	26	NA	<5.0	NA	NA	NA	NA	NA	NA	36.35	22.05	14.30	NA	NA	NA
S-10	10/15/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.51	13.84	NA	NA	NA
S-10	1/2/2003	440	1.8	<0.50	14	24	NA	<5.0	NA	NA	NA	NA	NA	NA	36.35	22.50	13.85	NA	NA	NA
S-10	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.32	14.03	NA	NA	NA
S-10	7/14/2003	210	0.86	<0.50	13	12	NA	<0.50	NA	NA	NA	NA	NA	NA	36.35	21.99	14.36	NA	NA	NA
S-10	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.53	13.82	NA	NA	NA
S-10	1/22/2004	280	0.88	<0.50	10	11	NA	<0.50	NA	NA	NA	NA	NA	NA	36.35	22.02	14.33	NA	NA	NA
S-10	4/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	21.43	14.92	NA	NA	NA
S-10	7/13/2004	770	1.5	<0.50	70	42	NA	<0.50	NA	NA	NA	NA	NA	NA	36.35	21.68	14.67	NA	NA	NA
S-10	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.37	13.98	NA	NA	NA
S-10	1/17/2005	1100	1.5	<0.50	73	51	NA	<0.50	NA	NA	NA	NA	NA	NA	36.35	21.45	14.90	NA	NA	NA
S-10	4/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.18	14.17	NA	NA	NA
S-10	7/28/2005	260	<0.50	<0.50	19	9.7	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	36.35	22.25	14.10	NA	NA	NA
S-10	10/5/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	21.70	14.65	NA	NA	NA
S-10	2/9/2006	630	<0.500	<0.500	13.8	13.8	NA	<0.500	NA	NA	NA	NA	NA	NA	36.35	20.37	15.98	NA	NA	NA
S-10	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	21.31	15.04	NA	NA	NA
S-10	8/23/2006	<50.0	<0.500	<0.500	14.5	3.40	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	NA	36.35	22.12	14.23	NA	NA	NA
S-10	11/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.68	13.67	NA	NA	NA
S-10	1/30/2007	120	<0.50	<0.50	7.0	3.3	NA	<0.50	NA	NA	NA	NA	NA	NA	36.35	23.09	13.26	NA	NA	NA
S-10	5/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	23.20	13.15	NA	NA	NA
S-10	8/15/2007	64 h,i	0.15 j	<1.0	1.4	0.72 j	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	36.35	23.48	12.87	NA	NA	NA

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S-10	11/28/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	23.82	12.53	NA	NA	NA
S-10	2/8/2008	61 h	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	36.35	23.31	13.04	NA	NA	NA
S-10	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	23.55	12.80	NA	NA	NA
S-10	8/14/2008	58	<0.50	<1.0	2.7	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	36.35	23.75	12.60	NA	NA	NA
S-10	11/11/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	23.08	13.27	NA	NA	NA
S-10	**12/18/2008**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.35**	**24.00**	**12.35**	**NA**	**NA**	**NA**
S-10	**1/5/2009**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.35**	**23.87**	**12.48**	**NA**	**NA**	**NA**
S-10	**1/15/2009**	**<50**	**<0.50**	**<1.0**	**1.1**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.35**	**23.66**	**12.69**	**NA**	**NA**	**NA**
S-10	**2/12/2009**	**56**	**<0.50**	**<1.0**	**3.4**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.35**	**23.96**	**12.39**	**NA**	**NA**	**NA**
S-12	12/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.44	24.58	11.86	NA	NA	NA
S-12	2/8/2008	55 h	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	36.44	24.32	12.12	NA	NA	NA
S-12	5/8/2008	<50 h	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	36.44	24.51	11.93	NA	NA	NA
S-12	8/14/2008	<50	1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	36.44	24.63	11.81	NA	NA	NA
S-12	11/11/2008 k	<50	0.95	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	36.44	24.85	11.59	NA	0.2	37
S-12	11/11/2008 l	65	8.1	2.2	4.8	1.5	NA	NA	NA	NA	NA	NA	NA	NA	36.44	24.85	11.59	NA	0.2	45
S-12	**12/18/2008**	**<50**	**8.3**	**<1.0**	**1.8**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.44**	**24.81**	**11.63**	**NA**	**NA**	**NA**
S-12	**1/5/2009**	**95**	**16**	**<1.0**	**3.2**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.44**	**24.75**	**11.69**	**NA**	**NA**	**NA**
S-12	**1/15/2009**	**140**	**36**	**<1.0**	**12**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.44**	**24.54**	**11.90**	**NA**	**NA**	**NA**
S-12	**2/12/2009**	**<50**	**5.0**	**<1.0**	**1.6**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**36.44**	**24.81**	**11.63**	**NA**	**NA**	**NA**
S-13	12/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.16	23.33	11.83	NA	NA	NA
S-13	2/8/2008	14000 h	1900	1300	280	3000	NA	<10	NA	NA	NA	NA	<5.0	<10	35.16	23.01	12.15	NA	NA	NA
S-13	5/8/2008	18000 h	2800	3400	550	3500	NA	<10	NA	NA	NA	NA	<5.0	<10	35.16	23.31	11.85	NA	NA	NA
S-13	8/14/2008	16,000	2,400	3,100	580	3,100	NA	<20	NA	NA	NA	NA	<10	<20	35.16	23.31	11.85	NA	NA	NA
S-13	11/11/2008 k	16,000	2,400	2,800	270	2,500	NA	<50	NA	NA	NA	NA	<25	<50	35.16	23.60	11.56	NA	0.8	-48
S-13	11/11/2008 l	4,400	560	630	88	530	NA	NA	NA	NA	NA	NA	NA	NA	35.16	23.60	11.56	NA	1.2	-60
S-13	**12/18/2008**	**3,900**	**530**	**560**	**76**	**510**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.05**	**23.61**	**11.44**	**NA**	**NA**	**NA**
S-13	**1/5/2009**	**8,200**	**700**	**670**	**67**	**1,000**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.05**	**23.54**	**11.51**	**NA**	**NA**	**NA**
S-13	**1/15/2009**	**5,400**	**610**	**610**	**48**	**950**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.05**	**23.10**	**11.95**	**NA**	**NA**	**NA**
S-13	**2/12/2009**	**6,300**	**800**	**1,000**	**110**	**870**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.05**	**22.36**	**12.69**	**NA**	**NA**	**NA**
S-14	12/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.94	22.68	12.26	NA	NA	NA
S-14	2/8/2008	5300 h	380	300	34	970	NA	<10	NA	NA	NA	NA	<5.0	<10	34.94	22.82	12.12	NA	NA	NA
S-14	5/8/2008	4300 h	750	270	30	520	NA	<10	NA	NA	NA	NA	<5.0	<10	34.94	22.41	12.53	NA	NA	NA
S-14	Well destroyed	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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S-14R	11/7/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.19	22.91	12.28	NA	NA	NA
S-14R	11/11/2008 k	8,500	680	270	<25	1,110	NA	NA	NA	NA	NA	NA	NA	NA	35.19	23.13	12.06	NA	0.60	115
S-14R	11/11/2008 l	4,300	270	190	43	470	NA	NA	NA	NA	NA	NA	NA	NA	35.19	23.13	12.06	NA	1.5	116
S-14R	**12/18/2008**	**7,800**	**530**	**640**	**79**	**1010**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.95**	**22.80**	**12.15**	**NA**	**NA**	**NA**
S-14R	**1/5/2009**	**2,100**	**89**	**86**	**19**	**140**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.95**	**22.80**	**12.15**	**NA**	**NA**	**NA**
S-14R	**1/15/2009**	**4,800**	**430**	**540**	**83**	**730**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.95**	**22.57**	**12.38**	**NA**	**NA**	**NA**
S-14R	**2/12/2009**	**1,000**	**40**	**29**	**7.3**	**55**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.95**	**22.89**	**12.06**	**NA**	**NA**	**NA**
S-15	12/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.34	23.00	12.34	NA	NA	NA
S-15	2/8/2008	55000 h	6700	13000	1100	9800	NA	<10	NA	NA	NA	NA	<5.0	<10	35.34	22.71	12.63	NA	NA	NA
S-15	5/8/2008	53000 h	6300	13000	1500	7500	NA	<200	NA	NA	NA	NA	<100	<200	35.34	22.91	12.43	NA	NA	NA
S-15	Well destroyed	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-16	12/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.08	23.88	12.20	NA	NA	NA
S-16	2/8/2008	6000 h	670	730	88	1290	NA	<5.0	NA	NA	NA	NA	<2.5	<5.0	36.08	23.52	12.56	NA	NA	NA
S-16	5/8/2008	3200 h	670	320	18	580	NA	<10	NA	NA	NA	NA	<5.0	<10	36.08	23.69	12.39	NA	NA	NA
S-16	Well destroyed	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-17	6/19/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.49	23.30	12.19	NA	NA	NA
S-17	6/25/2008	21,000	1,300	1,300	160	2,850	NA	<5.0	NA	NA	NA	NA	<2.5	<5.0	35.49	23.33	12.16	NA	NA	NA
S-17	8/14/2008	14,000	1,700	1,700	310	2,250	NA	<10	NA	NA	NA	NA	<5.0	<10	35.49	23.50	11.99	NA	NA	NA
S-17	11/11/2008 k	7,200	1,600	820	140	760	NA	<5.0	NA	NA	NA	NA	<2.5	<5.0	35.49	23.70	11.79	NA	NA	NA
S-17	11/11/2008 l	32,000	2,500	3,100	820	4,000	NA	<25	NA	NA	NA	NA	<12	<25	35.49	23.70	11.79	NA	NA	NA
S-17	**1/5/2009**	**15,000**	**790**	**700**	**150**	**1,200**	**NA**	**<10**	**NA**	**NA**	**NA**	**NA**	**<5.0**	**<10**	**35.50**	**23.66**	**11.84**	**NA**	**NA**	**NA**
S-17	**1/15/2009**	**2,300**	**220**	**170**	**19**	**300**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.50**	**23.37**	**12.13**	**NA**	**NA**	**NA**
S-17	**2/12/2009**	**4,700**	**750**	**200**	**37**	**23**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.50**	**23.66**	**11.84**	**NA**	**NA**	**NA**
S-18	6/19/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.04	22.94	12.10	NA	NA	NA
S-18	6/25/2008	58,000	2,200	5,600	880	10,200	NA	<10	NA	NA	NA	NA	<5.0	<10	35.04	22.92	12.12	NA	NA	NA
S-18	8/14/2008	25,000	2,500	4,500	860	5,800	NA	<50	NA	NA	NA	NA	<25	<50	35.04	23.08	11.96	NA	NA	NA
S-18	11/11/2008 k	24,000	2,400	3,300	820	3,800	NA	<25	NA	NA	NA	NA	<12	<25	35.04	23.30	11.74	NA	NA	NA
S-18	11/11/2008 l	43,000	3,900	5,500	1,300	6,500	NA	<50	NA	NA	NA	NA	<25	<50	35.04	23.30	11.74	NA	NA	NA
S-18	**1/5/2009**	**20,000**	**830**	**1,000**	**290**	**1,400**	**NA**	**<50**	**NA**	**NA**	**NA**	**NA**	**<25**	**<50**	**35.03**	**23.16**	**11.87**	**NA**	**NA**	**NA**
S-18	**1/15/2009**	**8,200**	**690**	**790**	**150**	**1,230**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.03**	**22.97**	**12.06**	**NA**	**NA**	**NA**
S-18	**2/12/2009**	**13,000**	**1,200**	**1,400**	**330**	**940**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.03**	**23.29**	**11.74**	**NA**	**NA**	**NA**
S-19	11/7/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.78	22.73	12.05	NA	NA	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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-19	11/11/2008 k	7,100	500	600	25	1,010	NA	NA	NA	NA	NA	NA	NA	NA	34.78	22.87	11.91	NA	1.0	62
S-19	11/11/2008 l	2,300	110	160	43	280	NA	NA	NA	NA	NA	NA	NA	NA	34.78	22.87	11.91	NA	1.3	71
S-19	**12/18/2008**	**2,900**	**190**	**300**	**41**	**420**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.57**	**22.60**	**11.97**	**NA**	**NA**	**NA**
S-19	**1/5/2009**	**3,400**	**230**	**250**	**50**	**380**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.57**	**22.56**	**12.01**	**NA**	**NA**	**NA**
S-19	**1/15/2009**	**3,100**	**340**	**540**	**70**	**440**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.57**	**22.31**	**12.26**	**NA**	**NA**	**NA**
S-19	**2/12/2009**	**1,300**	**130**	**180**	**37**	**190**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.57**	**22.58**	**11.99**	**NA**	**NA**	**NA**
S-20	11/7/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.50	22.80	11.70	NA	NA	NA
S-20	11/11/2008 k	13,000	1,300	1,600	80	1,920	NA	NA	NA	NA	NA	NA	NA	NA	34.50	22.90	11.60	NA	0.8	-39
S-20	11/11/2008 l	16,000	1,100	1,800	220	1,930	NA	NA	NA	NA	NA	NA	NA	NA	34.50	22.90	11.60	NA	2.6	-64
S-20	**1/5/2009**	**17,000**	**1,500**	**1,700**	**320**	**1,900**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.50**	**22.78**	**11.72**	**NA**	**NA**	**NA**
S-20	**2/12/2009**	**11,000**	**1,300**	**1,400**	**230**	**1,600**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**34.50**	**22.80**	**11.70**	**NA**	**2.6**	**-64**
S-21A	11/7/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.81	23.73	12.08	NA	NA	NA
S-21A	11/11/2008 k	96,000	6,100	11,000	1,700	10,500	NA	NA	NA	NA	NA	NA	NA	NA	35.81	23.86	11.95	NA	1.6	-42
S-21A	11/11/2008 l	87,000	6,300	13,000	1,700	10,300	NA	NA	NA	NA	NA	NA	NA	NA	35.81	23.86	11.95	NA	1.8	-51
S-21A	**12/18/2008**	**17,000**	**3,700**	**1,200**	**170**	**47**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.80**	**23.91**	**11.89**	**NA**	**NA**	**NA**
S-21A	**1/5/2009**	**28,000**	**3,100**	**2,900**	**450**	**1,100**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.80**	**23.78**	**12.02**	**NA**	**NA**	**NA**
S-21A	**1/15/2009**	**9,700**	**2,100**	**290**	**45**	**<25**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.80**	**23.53**	**12.27**	**NA**	**NA**	**NA**
S-21A	**2/12/2009**	**19,000**	**3,100**	**2,500**	**330**	**500**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.80**	**23.83**	**11.97**	**NA**	**NA**	**NA**
S-21B	11/7/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.79	23.68	12.11	NA	NA	NA
S-21B	11/11/2008 k	3,200	49	300	93	510	NA	NA	NA	NA	NA	NA	NA	NA	35.79	23.80	11.99	NA	0.4	-108
S-21B	11/11/2008 l	7,500	67	470	150	960	NA	NA	NA	NA	NA	NA	NA	NA	35.79	23.80	11.99	NA	5.6	-135
S-21B	**12/18/2008**	**5,300**	**36**	**310**	**120**	**770**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.76**	**23.72**	**12.04**	**NA**	**NA**	**NA**
S-21B	**1/5/2009**	**5,400**	**35**	**200**	**93**	**600**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.76**	**23.70**	**12.06**	**NA**	**NA**	**NA**
S-21B	**1/15/2009**	**3,300**	**30**	**150**	**78**	**470**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.76**	**23.43**	**12.33**	**NA**	**NA**	**NA**
S-21B	**2/12/2009**	**2,800**	**12**	**100**	**69**	**450**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.76**	**23.81**	**11.95**	**NA**	**NA**	**NA**
S-22A	11/7/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.08	22.91	12.17	NA	NA	NA
S-22A	11/11/2008 k	84,000	8,500	11,000	2,200	13,900	NA	NA	NA	NA	NA	NA	NA	NA	35.08	23.15	11.93	NA	1.0	117
S-22A	11/11/2008 l	85,000	7,600	10,000	2,500	12,400	NA	NA	NA	NA	NA	NA	NA	NA	35.08	23.15	11.93	NA	1.6	100
S-22A	**12/18/2008**	**42,000**	**6,300**	**6,600**	**1,200**	**4,400**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.06**	**23.03**	**12.03**	**NA**	**NA**	**NA**
S-22A	**1/5/2009**	**56,000**	**4,500**	**5,300**	**1,200**	**6,400**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.06**	**23.03**	**12.03**	**NA**	**NA**	**NA**
S-22A	**1/15/2009**	**25,000**	**5,900**	**4,400**	**740**	**1,570**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.06**	**22.84**	**12.22**	**NA**	**NA**	**NA**
S-22A	**2/12/2009**	**43,000**	**6,700**	**6,600**	**1,200**	**5,000**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.06**	**23.15**	**11.91**	**NA**	**NA**	**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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)
S-22B	11/7/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.15	23.06	12.09	NA	NA	NA
S-22B	11/11/2008 k	<50	<0.50	<1.0	<1.0	1.2	NA	NA	NA	NA	NA	NA	NA	NA	35.15	23.20	11.95	NA	0.9	92
S-22B	11/11/2008 l	360	3.3	12	5.8	38	NA	NA	NA	NA	NA	NA	NA	NA	35.15	23.20	11.95	NA	1.6	90
S-22B	**12/18/2008**	**150**	**2.9**	**6.1**	**2.9**	**17.5**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.24**	**23.26**	**11.98**	**NA**	**NA**	**NA**
S-22B	**1/5/2009**	**110**	**1.9**	**5.0**	**2.6**	**11**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.24**	**28.12**	**7.12**	**NA**	**NA**	**NA**
S-22B	**1/15/2009**	**59**	**1.3**	**1.9**	**1.6**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.24**	**22.90**	**12.34**	**NA**	**NA**	**NA**
S-22B	**2/12/2009**	**290**	**11**	**6.8**	**7.9**	**19**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.24**	**23.02**	**12.22**	**NA**	**NA**	**NA**
S-23	11/7/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.77	23.28	12.49	NA	NA	NA
S-23	11/11/2008 k	8,800	640	610	82	1,260	NA	NA	NA	NA	NA	NA	NA	NA	35.77	23.58	12.19	NA	NA	NA
S-23	11/11/2008 l	6,400	520	640	34	760	NA	NA	NA	NA	NA	NA	NA	NA	35.77	23.58	12.19	NA	NA	NA
S-23	**1/5/2009**	**830**	**63**	**98**	**14**	**58**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.75**	**23.51**	**12.24**	**NA**	**NA**	**NA**
S-23	**2/12/2009**	**3,400**	**160**	**320**	**55**	**430**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**35.75**	**23.62**	**12.13**	**NA**	**NA**	**NA**
AS-1	12/17/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.33	22.91	12.42	NA	NA	NA
AS-1	2/8/2008	130 h	1.1	3.4	<1.0	5.4	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	35.33	22.62	12.71	NA	NA	NA
AS-1	5/8/2008	<50 h	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	<0.50	<1.0	35.33	27.78	7.55	NA	NA	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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)

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.
EDC = 1,2-Dichloroethane, analyzed by EPA Method 8260B.
EDB = 1,2-Dibromoethane, 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
D.O. = Dissolved Oxygen
O.R.P. = Oxygen Redox Potential
mg/L = Parts per million
m/V = Microvolts
<n = Below detection limit
(D) = Duplicate sample
NA = Not applicable

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)	EDC (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	D.O. (mg/L)	O.R.P. (m/V)

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).
i = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
j = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
k = Pre-purge sample
l = Post-purge sample
* = 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.
Site surveyed December 18, 2007 by Virgil Chavez Land Surveying of Vallejo, CA.
Wells S-14R and S-19 through S-23 surveyed on November 11, 2008 by Virgil Chavez Land Surveying of Vallejo, CA.

Calscience Environmental Laboratories, Inc.

January 06, 2009

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

Subject: **Calscience Work Order No.: 08-12-1964**
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 12/19/2008 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,

Philip Hamelle for

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/19/08
Work Order No: 08-12-1964
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**08-12-1964-1-F**	**12/18/08 14:10**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:14**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0115	0.00500	1		Manganese	0.733	0.00500	1	
Nickel	0.0161	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	**08-12-1964-2-G**	**12/18/08 14:35**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:17**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.676	0.100	1	
Chromium	ND	0.00500	1		Manganese	0.845	0.00500	1	
Nickel	0.00723	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10	**08-12-1964-3-G**	**12/18/08 13:25**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:20**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.168	0.100	1	
Chromium	0.0223	0.00500	1		Manganese	0.231	0.00500	1	
Nickel	0.00635	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	**08-12-1964-4-G**	**12/18/08 14:11**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:23**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.166	0.100	1	
Chromium	ND	0.00500	1		Manganese	0.155	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-13	**08-12-1964-5-F**	**12/18/08 13:35**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:26**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.756	0.100	1	
Chromium	ND	0.00500	1		Manganese	0.404	0.00500	1	
Nickel	ND	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	12/19/08
1680 Rogers Avenue		Work Order No:	08-12-1964
San Jose, CA 95112-1105		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 2 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-14R	**08-12-1964-6-F**	**12/18/08 14:40**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:34**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.279	0.100	1	
Chromium	ND	0.00500	1		Manganese	0.878	0.00500	1	
Nickel	0.00617	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-19	**08-12-1964-7-G**	**12/18/08 15:00**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:37**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.136	0.100	1	
Chromium	0.0320	0.00500	1		Manganese	0.0792	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21A	**08-12-1964-8-F**	**12/18/08 15:20**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:40**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	256	0.100	1	
Chromium	1.72	0.00500	1		Manganese	119	0.00500	1	
Nickel	8.24	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21B	**08-12-1964-9-F**	**12/18/08 15:00**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:42**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0247	0.00500	1		Manganese	0.00568	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22A	**08-12-1964-10-G**	**12/18/08 15:40**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:45**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	55.1	0.100	1	
Chromium	0.362	0.00500	1		Manganese	36.3	0.00500	1	
Nickel	2.59	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	12/19/08
1680 Rogers Avenue		Work Order No:	08-12-1964
San Jose, CA 95112-1105		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 3 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22B	**08-12-1964-11-F**	**12/18/08 15:20**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:47**	**081219LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.166	0.100	1	
Chromium	0.0243	0.00500	1		Manganese	0.00612	0.00500	1	
Nickel	ND	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	12/19/08
1680 Rogers Avenue		Work Order No:	08-12-1964
San Jose, CA 95112-1105		Preparation:	EPA 3010A Total
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 4 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**08-12-1964-1-G**	**12/18/08 14:10**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:50**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	2.08	0.100	1	
Chromium	0.0868	0.00500	1		Manganese	1.11	0.00500	1	
Nickel	0.0333	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	**08-12-1964-2-F**	**12/18/08 14:35**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:53**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	4.55	0.100	1	
Chromium	0.214	0.00500	1		Manganese	1.10	0.00500	1	
Nickel	0.0108	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10	**08-12-1964-3-F**	**12/18/08 13:25**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:56**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	5.00	0.100	1	
Chromium	0.0473	0.00500	1		Manganese	3.86	0.00500	1	
Nickel	0.0634	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	**08-12-1964-4-F**	**12/18/08 14:11**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:59**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.0128	0.0100	1		Iron	40.7	0.100	1	
Chromium	0.0983	0.00500	1		Manganese	1.15	0.00500	1	
Nickel	0.104	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-13	**08-12-1964-5-G**	**12/18/08 13:35**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 19:06**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	14.8	0.100	1	
Chromium	0.0343	0.00500	1		Manganese	0.481	0.00500	1	
Nickel	0.0342	0.00500	1						

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: 12/19/08
Work Order No: 08-12-1964
Preparation: EPA 3010A Total
Method: EPA 6010B
Units: mg/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-14R	**08-12-1964-6-G**	**12/18/08 14:40**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 19:09**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	6.06	0.100	1	
Chromium	0.0166	0.00500	1		Manganese	0.938	0.00500	1	
Nickel	0.0187	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-19	**08-12-1964-7-F**	**12/18/08 15:00**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 19:12**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	7.85	0.100	1	
Chromium	0.0666	0.00500	1		Manganese	0.317	0.00500	1	
Nickel	0.0204	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21A	**08-12-1964-8-G**	**12/18/08 15:20**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 19:15**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.0433	0.0100	1		Iron	311	0.100	1	
Chromium	1.65	0.00500	1		Manganese	85.8	0.00500	1	
Nickel	7.26	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21B	**08-12-1964-9-G**	**12/18/08 15:00**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 19:17**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.116	0.100	1	
Chromium	0.0259	0.00500	1		Manganese	0.0103	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22A	**08-12-1964-10-F**	**12/18/08 15:40**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 19:20**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.170	0.0100	1		Iron	469	0.100	1	
Chromium	1.29	0.00500	1		Manganese	38.7	0.00500	1	
Nickel	3.62	0.00500	1						

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:	12/19/08
Work Order No:	08-12-1964
Preparation:	EPA 3010A Total
Method:	EPA 6010B
Units:	mg/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22B	**08-12-1964-11-G**	**12/18/08 15:20**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 19:23**	**081219LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	1.85	0.100	1	
Chromium	0.0293	0.00500	1		Manganese	0.0425	0.00500	1	
Nickel	ND	0.00500	1						

Method Blank	**097-01-003-8,954**	**N/A**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/19/08 21:45**	**081219LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	ND	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

Method Blank	**097-01-003-8,958**	**N/A**	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08 18:01**	**081219LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	ND	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

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: 12/19/08
Work Order No: 08-12-1964
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**08-12-1964-1-A**	**12/18/08 14:10**	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/25/08 02:58**	**081224L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	38	0.50	1		p/m-Xylene	ND	1.0	1	
Ethylbenzene	5.4	1.0	1		o-Xylene	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	340	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	74-140			1,2-Dichloroethane-d4	116	74-146		
Toluene-d8	104	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	101	74-110							

S-9	**08-12-1964-2-A**	**12/18/08 14:35**	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/25/08 03:24**	**081224L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	280	1.0	2		p/m-Xylene	170	1.0	1	
Ethylbenzene	71	1.0	1		o-Xylene	12	1.0	1	
Toluene	43	1.0	1		TPPH	1500	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	105	74-140			1,2-Dichloroethane-d4	118	74-146		
Toluene-d8	103	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	103	74-110							

S-10	**08-12-1964-3-A**	**12/18/08 13:25**	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/25/08 03:50**	**081224L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Ethylbenzene	ND	1.0	1		o-Xylene	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	74-140			1,2-Dichloroethane-d4	120	74-146		
Toluene-d8	104	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	101	74-110							

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: 12/19/08
Work Order No: 08-12-1964
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	**08-12-1964-4-A**	**12/18/08 14:11**	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/25/08 05:09**	**081224L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	8.3	0.50	1		p/m-Xylene	ND	1.0	1	
Ethylbenzene	1.8	1.0	1		o-Xylene	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	105	74-140			1,2-Dichloroethane-d4	120	74-146		
Toluene-d8	103	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	101	74-110							

S-13	**08-12-1964-5-B**	**12/18/08 13:35**	**Aqueous**	**GC/MS WW**	**12/27/08**	**12/27/08 16:07**	**081227L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	530	2.5	5		p/m-Xylene	330	5.0	5	
Ethylbenzene	76	5.0	5		o-Xylene	180	5.0	5	
Toluene	560	5.0	5		TPPH	3900	250	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	114	74-140			1,2-Dichloroethane-d4	128	74-146		
Toluene-d8	103	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	102	74-110							

S-14R	**08-12-1964-6-A**	**12/18/08 14:40**	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/25/08 06:02**	**081224L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	530	2.5	5		p/m-Xylene	660	5.0	5	
Ethylbenzene	79	1.0	1		o-Xylene	350	5.0	5	
Toluene	640	5.0	5		TPPH	7800	250	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	118	74-146		
Toluene-d8	105	88-112			Toluene-d8-TPPH	104	88-112		
1,4-Bromofluorobenzene	107	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	12/19/08
1680 Rogers Avenue		Work Order No:	08-12-1964
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-19	**08-12-1964-7-A**	**12/18/08 15:00**	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/25/08 06:28**	**081224L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	190	0.50	1		p/m-Xylene	270	1.0	1	
Ethylbenzene	41	1.0	1		o-Xylene	150	1.0	1	
Toluene	300	2.0	2		TPPH	2900	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	115	74-146		
Toluene-d8	104	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	105	74-110							

S-21A	**08-12-1964-8-A**	**12/18/08 15:20**	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/25/08 06:54**	**081224L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	3700	10	20		p/m-Xylene	25	20	20	
Ethylbenzene	170	20	20		o-Xylene	22	20	20	
Toluene	1200	20	20		TPPH	17000	1000	20	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	115	74-146		
Toluene-d8	102	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	102	74-110							

S-21B	**08-12-1964-9-A**	**12/18/08 15:00**	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/25/08 07:20**	**081224L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	36	0.50	1		p/m-Xylene	550	5.0	5	
Ethylbenzene	120	1.0	1		o-Xylene	220	5.0	5	
Toluene	310	5.0	5		TPPH	5300	250	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	74-140			1,2-Dichloroethane-d4	113	74-146		
Toluene-d8	104	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	106	74-110							

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: 12/19/08
Work Order No: 08-12-1964
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22A	**08-12-1964-10-A**	**12/18/08 15:40**	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/25/08 07:46**	**081224L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	6300	25	50		p/m-Xylene	3000	50	50	
Ethylbenzene	1200	50	50		o-Xylene	1400	50	50	
Toluene	6600	50	50		TPPH	42000	2500	50	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	105	74-140			1,2-Dichloroethane-d4	117	74-146		
Toluene-d8	102	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	101	74-110							

S-22B	**08-12-1964-11-A**	**12/18/08 15:20**	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/25/08 08:13**	**081224L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	2.9	0.50	1		p/m-Xylene	12	1.0	1	
Ethylbenzene	2.9	1.0	1		o-Xylene	5.5	1.0	1	
Toluene	6.1	1.0	1		TPPH	150	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	74-140			1,2-Dichloroethane-d4	119	74-146		
Toluene-d8	104	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	102	74-110							

Method Blank	**099-12-767-693**	**N/A**	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/25/08 01:13**	**081224L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Ethylbenzene	ND	1.0	1		o-Xylene	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	74-140			1,2-Dichloroethane-d4	115	74-146		
Toluene-d8	102	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	99	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	12/19/08
1680 Rogers Avenue		Work Order No:	08-12-1964
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-696**	**N/A**	**Aqueous**	**GC/MS WW**	**12/27/08**	**12/27/08 12:34**	**081227L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Ethylbenzene	ND	1.0	1		o-Xylene	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	74-140			1,2-Dichloroethane-d4	111	74-146		
Toluene-d8	103	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	99	74-110							

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: 12/19/08
Work Order No: 08-12-1964

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-8	**08-12-1964-1**	**12/18/08**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	32	5.0	5		mg/L	N/A	12/19/08	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Nitrate (as N)	3.1	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Sulfate	21	5.0	5		mg/L	N/A	12/19/08	EPA 300.0
Chromium, Hexavalent	9.3	1.0	1		ug/L	N/A	12/19/08	EPA 7199
Solids, Total Suspended	20	1.0	1		mg/L	N/A	12/23/08	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	12/19/08	12/19/08	SM3500-FeB

S-9	**08-12-1964-2**	**12/18/08**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	110	20	20		mg/L	N/A	12/19/08	EPA 300.0
Bromide	0.25	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Nitrate (as N)	2.4	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Sulfate	32	5.0	5		mg/L	N/A	12/19/08	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	12/19/08	EPA 7199
Solids, Total Suspended	24	1.0	1		mg/L	N/A	12/23/08	SM 2540 D
Iron (II)	0.24	0.10	1		mg/L	12/19/08	12/19/08	SM3500-FeB

S-10	**08-12-1964-3**	**12/18/08**	**Aqueous**

Comment(s): (68) Dilution analysis was performed outside the recommended holding time.

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	100	20	20		mg/L	N/A	12/19/08	EPA 300.0
Bromide	0.32	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Nitrate (as N) (68)	16	0.50	5		mg/L	N/A	12/19/08	EPA 300.0
Sulfate	180	20	20		mg/L	N/A	12/19/08	EPA 300.0
Chromium, Hexavalent	21	1.0	1		ug/L	N/A	12/19/08	EPA 7199
Solids, Total Suspended	84	1.0	1		mg/L	N/A	12/23/08	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	12/19/08	12/19/08	SM3500-FeB

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: 12/19/08
Work Order No: 08-12-1964

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-12	**08-12-1964-4**	**12/18/08**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	20	5.0	5		mg/L	N/A	12/19/08	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Nitrate (as N)	1.3	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Sulfate	24	5.0	5		mg/L	N/A	12/19/08	EPA 300.0
Chromium, Hexavalent	3.5	1.0	1		ug/L	N/A	12/19/08	EPA 7199
Solids, Total Suspended	446	1.0	1		mg/L	N/A	12/23/08	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	12/19/08	12/19/08	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-13	**08-12-1964-5**	**12/18/08**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	27	5.0	5		mg/L	N/A	12/19/08	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Nitrate (as N)	1.9	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Sulfate	23	5.0	5		mg/L	N/A	12/19/08	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	12/19/08	EPA 7199
Solids, Total Suspended	205	1.0	1		mg/L	N/A	12/23/08	SM 2540 D
Iron (II)	0.38	0.10	1		mg/L	12/19/08	12/19/08	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-14R	**08-12-1964-6**	**12/18/08**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	63	10	10		mg/L	N/A	12/19/08	EPA 300.0
Bromide	0.17	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Nitrate (as N)	3.1	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Sulfate	48	10	10		mg/L	N/A	12/19/08	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	12/19/08	EPA 7199
Solids, Total Suspended	238	1.0	1		mg/L	N/A	12/23/08	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	12/19/08	12/19/08	SM3500-FeB

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: 12/19/08
Work Order No: 08-12-1964

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-19	**08-12-1964-7**	**12/18/08**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	49	5.0	5		mg/L	N/A	12/19/08	EPA 300.0
Bromide	0.13	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Nitrate (as N)	2.0	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Sulfate	26	5.0	5		mg/L	N/A	12/19/08	EPA 300.0
Chromium, Hexavalent	31	1.0	1		ug/L	N/A	12/19/08	EPA 7199
Solids, Total Suspended	191	1.0	1		mg/L	N/A	12/23/08	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	12/19/08	12/19/08	SM3500-FeB

S-21A	**08-12-1964-8**	**12/18/08**	**Aqueous**

Comment(s): (3) The reporting limit is elevated resulting from matrix interference.

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	95	10	10		mg/L	N/A	12/19/08	EPA 300.0
Bromide (3)	ND	0.50	5		mg/L	N/A	12/19/08	EPA 300.0
Nitrate (as N) (3)	0.51	0.50	5		mg/L	N/A	12/19/08	EPA 300.0
Sulfate	18000	5000	5000		mg/L	N/A	12/19/08	EPA 300.0
Chromium, Hexavalent	4.4	1.0	1		ug/L	N/A	12/19/08	EPA 7199
Solids, Total Suspended	2470	10	1		mg/L	N/A	12/23/08	SM 2540 D
Iron (II)	0.15	0.10	1		mg/L	12/19/08	12/19/08	SM3500-FeB

S-21B	**08-12-1964-9**	**12/18/08**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	42	10	10		mg/L	N/A	12/19/08	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Nitrate (as N)	4.7	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Sulfate	50	10	10		mg/L	N/A	12/19/08	EPA 300.0
Chromium, Hexavalent	22	1.0	1		ug/L	N/A	12/19/08	EPA 7199
Solids, Total Suspended	20	1.0	1		mg/L	N/A	12/23/08	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	12/19/08	12/19/08	SM3500-FeB

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: 12/19/08
Work Order No: 08-12-1964

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-22A	**08-12-1964-10**	**12/18/08**	**Aqueous**

Comment(s): (3) The reporting limit is elevated resulting from matrix interference.
(5) Sample analyzed outside recommended holding time.

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	92	10	10		mg/L	N/A	12/21/08	EPA 300.0
Bromide (3)	ND	1.0	10		mg/L	N/A	12/21/08	EPA 300.0
Nitrate (as N) (3) (5)	ND	1.0	10		mg/L	N/A	12/21/08	EPA 300.0
Sulfate	5100	2000	2000		mg/L	N/A	12/21/08	EPA 300.0
Chromium, Hexavalent	5.8	1.0	1		ug/L	N/A	12/19/08	EPA 7199
Solids, Total Suspended	1780	10	1		mg/L	N/A	12/23/08	SM 2540 D
Iron (II)	0.27	0.10	1		mg/L	12/19/08	12/19/08	SM3500-FeB

S-22B	**08-12-1964-11**	**12/18/08**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	19	5.0	5		mg/L	N/A	12/19/08	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Nitrate (as N)	1.3	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Sulfate	21	5.0	5		mg/L	N/A	12/19/08	EPA 300.0
Chromium, Hexavalent	24	1.0	1		ug/L	N/A	12/19/08	EPA 7199
Solids, Total Suspended	28	1.0	1		mg/L	N/A	12/23/08	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	12/19/08	12/19/08	SM3500-FeB

Method Blank		**N/A**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	ND	1.0	1		mg/L	N/A	12/19/08	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Nitrate (as N)	ND	0.10	1		mg/L	N/A	12/19/08	EPA 300.0
Sulfate	ND	1.0	1		mg/L	N/A	12/19/08	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	12/19/08	EPA 7199
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	12/23/08	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	12/19/08	12/19/08	SM3500-FeB

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

Calscience Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

ANALYTICAL REPORT

Blaine Tech Services, Inc.	Date Sampled:	12/18/08
1680 Rogers Avenue	Date Received:	12/19/08
San Jose, CA 95112-1105	Date Analyzed:	12/20/08
	Work Order No.:	08-12-1964
Attn: Michael Ninokata	Method:	Calculation
RE: 461 8th Street , Oakland, CA	Page 1 of 1	

All concentrations are reported in mg/L (ppm).

Sample Number	Ferric Iron Concentration	Reporting Limit
S-8	ND	0.100
S-9	0.436	0.100
S-10	0.168	0.100
S-12	0.166	0.100
S-13	0.374	0.100
S-14R	0.279	0.100
S-19	0.136	0.100
S-21A	256	0.100
S-21B	ND	0.100
S-22A	54.8	0.100
S-22B	0.166	0.100

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/19/08
Work Order No: 08-12-1964
Preparation: EPA 3010A Total
Method: EPA 6010B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-1893-1	**Aqueous**	**ICP 5300**	**12/19/08**	**12/19/08**	**081219SA4**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	104	109	80-140	5	0-11	
Chromium	92	97	86-122	5	0-8	
Nickel	99	104	84-120	5	0-7	
Iron	98	106	65-149	4	0-21	
Manganese	95	99	86-116	5	0-7	

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: 12/19/08
Work Order No: 08-12-1964
Preparation: EPA 3010A Total
Method: EPA 6010B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-8	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08**	**081219SA8**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	106	110	80-140	4	0-11	
Chromium	102	106	86-122	4	0-8	
Nickel	106	111	84-120	4	0-7	
Iron	4X	4X	65-149	4X	0-21	Q
Manganese	105	116	86-116	3	0-7	

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: 12/19/08
Work Order No: 08-12-1964
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-10	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/25/08**	**081224S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	92	88-118	5	0-7	
Carbon Tetrachloride	111	103	67-145	7	0-11	
Chlorobenzene	100	96	88-118	4	0-7	
1,2-Dibromoethane	108	104	70-130	4	0-30	
1,2-Dichlorobenzene	95	91	86-116	4	0-8	
1,1-Dichloroethene	99	93	70-130	6	0-25	
Ethylbenzene	97	94	70-130	4	0-30	
Toluene	101	97	87-123	4	0-8	
Trichloroethene	99	94	79-127	6	0-10	
Vinyl Chloride	89	87	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	108	101	71-131	7	0-13	
Tert-Butyl Alcohol (TBA)	105	91	36-168	15	0-45	
Diisopropyl Ether (DIPE)	100	96	81-123	5	0-9	
Ethyl-t-Butyl Ether (ETBE)	102	98	72-126	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	104	72-126	3	0-12	
Ethanol	80	77	53-149	4	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: 12/19/08
Work Order No: 08-12-1964
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-2398-8	**Aqueous**	**GC/MS WW**	**12/27/08**	**12/27/08**	**081227S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	104	88-118	1	0-7	
Carbon Tetrachloride	116	119	67-145	2	0-11	
Chlorobenzene	105	107	88-118	2	0-7	
1,2-Dibromoethane	109	110	70-130	1	0-30	
1,2-Dichlorobenzene	101	100	86-116	1	0-8	
1,1-Dichloroethene	102	102	70-130	1	0-25	
Ethylbenzene	106	107	70-130	1	0-30	
Toluene	110	110	87-123	0	0-8	
Trichloroethene	109	110	79-127	1	0-10	
Vinyl Chloride	88	97	69-129	9	0-13	
Methyl-t-Butyl Ether (MTBE)	100	101	71-131	0	0-13	
Tert-Butyl Alcohol (TBA)	95	78	36-168	20	0-45	
Diisopropyl Ether (DIPE)	95	97	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	99	100	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	108	108	72-126	1	0-12	
Ethanol	72	65	53-149	10	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: N/A
Work Order No: 08-12-1964

Project: 461 8th Street , Oakland, CA

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Chloride	EPA 300.0	S-8	12/21/08	N/A	100	100	56-134	0	0-3	
Bromide	EPA 300.0	S-8	12/21/08	N/A	104	105	74-128	1	0-9	
Nitrate (as N)	EPA 300.0	S-8	12/21/08	N/A	97	97	58-142	1	0-6	
Sulfate	EPA 300.0	S-8	12/21/08	N/A	107	108	49-133	0	0-3	
Chromium, Hexavalent	EPA 7199	08-12-1913-1	12/19/08	N/A	104	106	70-130	2	0-25	
Iron (II)	SM3500-FeB	S-22B	12/19/08	12/19/08	94	96	70-130	2	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

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

Date Received: N/A
Work Order No: 08-12-1964

Project: 461 8th Street , Oakland, CA

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Solids, Total Suspended	SM 2540 D	S-21A	12/23/08	2470	2520	2	0-20	

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:	08-12-1964
San Jose, CA 95112-1105		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-8,954	**Aqueous**	**ICP 5300**	**12/19/08**	**12/19/08**	**081219LA4**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	98	95	80-120	3	0-20	
Chromium	95	95	80-120	0	0-20	
Nickel	104	101	80-120	2	0-20	
Iron	102	99	80-120	2	0-20	
Manganese	97	97	80-120	0	0-20	

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:	08-12-1964
San Jose, CA 95112-1105	Preparation:	EPA 3010A Total
	Method:	EPA 6010B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-8,958	**Aqueous**	**ICP 5300**	**12/19/08**	**12/20/08**	**081219LA8**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	98	98	80-120	0	0-20	
Chromium	105	105	80-120	0	0-20	
Nickel	114	112	80-120	1	0-20	
Iron	110	109	80-120	1	0-20	
Manganese	108	109	80-120	1	0-20	

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: 08-12-1964
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-693	**Aqueous**	**GC/MS WW**	**12/24/08**	**12/24/08**	**081224L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	110	102	84-120	78-126	7	0-8	
Carbon Tetrachloride	128	117	63-147	49-161	9	0-10	
Chlorobenzene	111	106	89-119	84-124	5	0-7	
1,2-Dibromoethane	112	110	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	102	100	89-119	84-124	2	0-9	
1,1-Dichloroethene	113	106	77-125	69-133	7	0-16	
Ethylbenzene	114	105	80-120	73-127	9	0-20	
Toluene	113	107	83-125	76-132	6	0-9	
Trichloroethene	116	109	89-119	84-124	6	0-8	
Vinyl Chloride	106	103	63-135	51-147	3	0-13	
Methyl-t-Butyl Ether (MTBE)	101	101	82-118	76-124	0	0-13	
Tert-Butyl Alcohol (TBA)	107	105	46-154	28-172	2	0-32	
Diisopropyl Ether (DIPE)	102	100	81-123	74-130	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	101	101	74-122	66-130	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	108	107	76-124	68-132	1	0-10	
Ethanol	100	109	60-138	47-151	9	0-32	
TPPH	87	93	65-135	53-147	6	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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: 08-12-1964
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-696	**Aqueous**	**GC/MS WW**	**12/27/08**	**12/27/08**	**081227L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	99	97	84-120	78-126	3	0-8	
Carbon Tetrachloride	116	111	63-147	49-161	4	0-10	
Chlorobenzene	103	102	89-119	84-124	1	0-7	
1,2-Dibromoethane	105	106	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	98	97	89-119	84-124	1	0-9	
1,1-Dichloroethene	100	94	77-125	69-133	6	0-16	
Ethylbenzene	103	101	80-120	73-127	3	0-20	
Toluene	106	103	83-125	76-132	3	0-9	
Trichloroethene	107	104	89-119	84-124	2	0-8	
Vinyl Chloride	91	87	63-135	51-147	5	0-13	
Methyl-t-Butyl Ether (MTBE)	99	99	82-118	76-124	0	0-13	
Tert-Butyl Alcohol (TBA)	80	87	46-154	28-172	9	0-32	
Diisopropyl Ether (DIPE)	92	91	81-123	74-130	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	98	97	74-122	66-130	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	107	76-124	68-132	1	0-10	
Ethanol	74	71	60-138	47-151	4	0-32	
TPPH	84	84	65-135	53-147	1	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

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

Date Received: N/A
Work Order No: 08-12-1964

Project: 461 8th Street , Oakland, CA

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Chloride	EPA 300.0	099-05-118-4,953	12/19/08	N/A	4.00	3.93	98	81-111	
Bromide	EPA 300.0	099-05-118-4,953	12/19/08	N/A	2.00	1.96	98	85-115	
Nitrate (as N)	EPA 300.0	099-05-118-4,953	12/19/08	N/A	2.00	1.88	94	87-111	
Sulfate	EPA 300.0	099-05-118-4,953	12/19/08	N/A	4.00	3.84	96	89-107	
Chromium, Hexavalent	EPA 7199	099-05-123-2,244	12/19/08	N/A	10.0	10.0	100	80-120	
Iron (II)	SM3500-FeB	099-05-111-3,161	12/19/08	12/19/08	1.00	0.970	97	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-12-1964

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 (MS) or Matrix Spike Duplicate (MSD) 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.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
☑ ENV. SERVICES | ☐ MOTIVA RETAIL | ☐ SHELL RETAIL
☐ MOTIVA SD&CM | ☐ CONSULTANT | ☐ LUBES
☐ SHELL PIPELINE | ☐ OTHER _____

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 97093999 ☐ CHECK IF NO INCIDENT # APPLIES

PO # | SAP #

DATE: 12/18/08

PAGE: 1 of 2

SAMPLING COMPANY: Blaine Tech Services | LOG CODE: BTSS

ADDRESS: 1680 Rogers Ave, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

TELEPHONE: (408)573-0555 | FAX: (408)573-7771 | E-MAIL: mninokata@blainetech.com

SITE ADDRESS: Street and City: 461 8th St., Oakland | State: CA | GLOBAL ID NO.: T0600101263

EDF DELIVERABLE TO (Name, Company, Office Location): Anni Kreml, CRA, Emeryville Office | PHONE NO.: 510-420-3335 | E-MAIL: shelledf@craworld.com | CONSULTANT PROJECT NO.: 081218-J01 | BTS #

SAMPLER NAME(S) (Print): Jose Ortiz / Rob Mccarthy

LAB USE ONLY: 12-1964

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
Metals analyses to be run Total and Dissolved. One field filtered and one non field filtered HNO3 poly provided.
See attachment for methods and metals list
SHORT HOLDS

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	EDTA	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	MTBE (8260B)	EDB (8260B)	EDC (8260B)	Nitrate, Sulfate, Chloride	Bromide, Ferrous Iron	Chromium VI	Ferric (total) Iron, Manganese	Arsenic, Nickel, Chromium	Total Suspended Solids	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	S-8	12/18	1410	W	3	2		2		7	X	X				X	X	X	X	X	X	3 HCl vials
2	S-9 Time: 1435		1435		3	2		2		7	X	X				X	X	X	X	X	X	" "
3	S-10		1325		3	2		2		7	X	X				X	X	X	X	X	X	" "
4	S-12		1411		3	2		2		7	X	X				X	X	X	X	X	X	" "
5	S-13		1335		3	2		2		7	X	X				X	X	X	X	X	X	" "
6	S-14R		1440		3	2		2		7	X	X				X	X	X	X	X	X	" "
7	S-19 Time: 1500		1435		3	2		2		7	X	X				X	X	X	X	X	X	" "
8	S-21A		1520		3	2		2		7	X	X				X	X	X	X	X	X	" "
9	S-21B		1500		3	2		2		7	X	X				X	X	X	X	X	X	" "
10	S-22A	↓	1540	↓	3	2		2		7	X	X				X	X	X	X	X	X	" "

		Date	Time
Relinquished by: (Signature)	Received by: (Signature)	12/18/08	1730
Relinquished by: (Signature)	Received by: (Signature)	12/19/08	0930
Relinquished by: (Signature) Shipped VIA GSO	Received by: (Signature)	12/18/08	1930

S109 S0511

05/2/06 Revision

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
☑ ENV. SERVICES | ☐ MOTIVA RETAIL | ☐ SHELL RETAIL
☐ MOTIVA SD&CM | ☐ CONSULTANT | ☐ LUBES
☐ SHELL PIPELINE | ☐ OTHER _____

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 7 0 9 3 3 9 9 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 12/18/08

PAGE: 2 of 2

PO # | SAP #

SAMPLING COMPANY: Blaine Tech Services | LOG CODE: BTSS

ADDRESS: 1680 Rogers Ave, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

TELEPHONE: (408)573-0555 | FAX: (408)573-7771 | E-MAIL: mninokata@blainetech.com

SITE ADDRESS: Street and City: 461 8th St., Oakland | State: CA | GLOBAL ID NO.: T0600101263

EDF DELIVERABLE TO (Name, Company, Office Location): Anni Kreml, CRA, Emeryville Office | PHONE NO.: 510-420-3335 | E-MAIL: shelledf@craworld.com | CONSULTANT PROJECT NO.: 085218-10 | BTS #

SAMPLER NAME(S) (Print): Jose Ortiz / Rob McCarthy

LAB USE ONLY: 12-1964

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
Metals analyses to be run Total and Dissolved. One field filtered and one non field filtered HNO3 poly provided.
See attachment for methods and metals list
SHORT HOLDS

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	EDTA	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	MTBE (8260B)	EDB (8260B)	EDC (8260B)	Nitrate, Sulfate, Chloride	Bromide, Ferrous Iron	Chromium VI	Ferric (total) Iron, Manganese	Arsenic, Nickel, Chromium	Total Suspended Solids	TEMPERATURE ON RECEIPT C°	Container PID Readings or Laboratory Notes
11	S-22B	12/18	1520	W	3	2		2		7	X	X				X	X	X	X	X	X		3 HCl vials

Relinquished by: (Signature)	Received by: (Signature)	Date: 12/18/08	Time: 1730
Relinquished by: (Signature)	Received by: (Signature)	Date: 12/19/08	Time: 0930
Relinquished by: (Signature) Shipped VIA GSO	Received by: (Signature)	Date: 12/18/08	Time: 1730

05/2/06 Revision

1964

- TPHg (EPA Method 8260B);
- Benzene, ethylbenzene, toluene, xylenes (BTEX) (EPA Method 8260B);
- Nitrate (EPA Method 300 series) ;
- Sulfate (EPA Method 300 series);
- Chloride (EPA Method 300 series);

Total and Dissolved Metals;

- Bromide (EPA Method 300 series);
- Ferrous and Ferric Iron (EPA Method 300 series);
- Manganese (Mn) (EPA Method 6000/7000 series);
- Arsenic (As) (EPA Method 6000/7000 series);
- Nickel (Ni) (EPA Method 6000/7000 series);
- Chromium (Cr), Total (EPA Method 6000/7000 series);
- Chromium VI (EPA Method 6000/7000 series);

- Total Suspended Solids;

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08-12-1964

SAMPLE RECEIPT FORM

Cooler 1 of 2

CLIENT: Blame Tech

DATE: 12/19/08

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 4.3 °C - 0.2 °C (CF) = 4.1 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: JP

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: JP

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: D.L

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☑	☐	☐
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑VOAh (3) ☐$VOANa_2$ ☐125AGB ☐125AGBh ☐$125AGBpo_4$ ☐1AGB ☐$1AGBna_2$ ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☑1PB ☑500PB ☐500PBna ☐250PB ☑250PBn (2) ☐125PB ☐125PBznna ☐100PBsterile ☐$100PBna_2$ ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: DL

Reviewed by: WB

Scanned by: D.L

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08-12-1964

SAMPLE RECEIPT FORM

Cooler 2 of 2

CLIENT: Blaine Tech

DATE: 12/19/08

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.8 °C - 0.2 °C (CF) = 3.6 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** JP

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** JP

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** DL

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	☑	☐	☐
COC document(s) received complete.....	☑	☐	☐
Sampler's name indicated on COC.....	☑	☐	☐
Sample container label(s) consistent with COC.....	☑	☐	☐
Sample container(s) intact and good condition.....	☑	☐	☐
Correct containers and volume for analyses requested.....	☑	☐	☐
Analyses received within holding time.....	☑	☐	☐
Proper preservation noted on COC or sample container.....	☑	☐	☐
Volatile analysis container(s) free of headspace.....	☑	☐	☐
Tedlar bag(s) free of condensation.....	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑VOAh (2) ☐VOAna$_2$ ☐125AGB ☐125AGBh ☐125AGBpo$_4$ ☐1AGB ☐1AGBna$_2$ ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☑1PB ☑500PB ☐500PBna ☐250PB ☑250PBn (2) ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna$_2$ ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na$_2$:$Na_2S_2O_3$ na:NaOH po$_4$:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Checked/Labeled by: DL

Reviewed by: WB

Scanned by: DL

Calscience Environmental Laboratories, Inc.

January 20, 2009

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

Subject: **Calscience Work Order No.: 09-01-0146**
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 1/6/2009 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,

Philip Hamelle for

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/06/09
1680 Rogers Avenue		Work Order No:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 1 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**09-01-0146-4-G**	**01/05/09 15:32**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:42**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0172	0.00500	1		Manganese	0.471	0.00500	1	
Nickel	0.0100	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	**09-01-0146-5-G**	**01/05/09 15:15**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:45**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.593	0.100	1	
Chromium	ND	0.00500	1		Manganese	0.725	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10	**09-01-0146-6-G**	**01/05/09 15:05**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:53**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0212	0.00500	1		Manganese	0.109	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	**09-01-0146-7-G**	**01/05/09 15:50**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:56**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	1.22	0.100	1	
Chromium	0.00920	0.00500	1		Manganese	0.319	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-13	**09-01-0146-8-G**	**01/05/09 15:25**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:59**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.496	0.100	1	
Chromium	ND	0.00500	1		Manganese	0.329	0.00500	1	
Nickel	ND	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/06/09
1680 Rogers Avenue		Work Order No:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 2 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-14R	**09-01-0146-9-G**	**01/05/09 13:25**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 23:02**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.160	0.100	1	
Chromium	0.00891	0.00500	1		Manganese	0.308	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-19	**09-01-0146-12-G**	**01/05/09 14:02**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 23:04**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.179	0.100	1	
Chromium	0.0267	0.00500	1		Manganese	0.0885	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21A	**09-01-0146-14-G**	**01/05/09 14:47**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 23:07**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	45.1	0.100	1	
Chromium	0.501	0.00500	1		Manganese	39.6	0.00500	1	
Nickel	3.03	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21B	**09-01-0146-15-G**	**01/05/09 14:35**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 23:10**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0252	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22A	**09-01-0146-16-G**	**01/05/09 13:50**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 23:12**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	5.78	0.100	1	
Chromium	ND	0.00500	1		Manganese	8.98	0.00500	1	
Nickel	0.476	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/06/09
1680 Rogers Avenue		Work Order No:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 3 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22B	**09-01-0146-17-G**	**01/05/09 14:55**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 23:15**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.109	0.100	1	
Chromium	0.0380	0.00500	1		Manganese	0.00736	0.00500	1	
Nickel	ND	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/06/09
1680 Rogers Avenue		Work Order No:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 3010A Total
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 4 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**09-01-0146-4-F**	**01/05/09 15:32**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:02**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	6.14	0.100	1	
Chromium	0.177	0.00500	1		Manganese	1.15	0.00500	1	
Nickel	0.0380	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	**09-01-0146-5-F**	**01/05/09 15:15**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:10**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	3.41	0.100	1	
Chromium	0.0883	0.00500	1		Manganese	0.942	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10	**09-01-0146-6-F**	**01/05/09 15:05**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:13**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	5.95	0.100	1	
Chromium	0.0538	0.00500	1		Manganese	3.83	0.00500	1	
Nickel	0.0361	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	**09-01-0146-7-F**	**01/05/09 15:50**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:21**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.0206	0.0100	1		Iron	61.9	0.100	1	
Chromium	0.149	0.00500	1		Manganese	1.79	0.00500	1	
Nickel	0.153	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-13	**09-01-0146-8-F**	**01/05/09 15:25**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:24**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	20.1	0.100	1	
Chromium	0.0495	0.00500	1		Manganese	0.576	0.00500	1	
Nickel	0.0449	0.00500	1						

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: 01/06/09
Work Order No: 09-01-0146
Preparation: EPA 3010A Total
Method: EPA 6010B
Units: mg/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-14R	**09-01-0146-9-F**	**01/05/09 13:25**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:26**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	15.3	0.100	1	
Chromium	0.0499	0.00500	1		Manganese	0.577	0.00500	1	
Nickel	0.0353	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-19	**09-01-0146-12-F**	**01/05/09 14:02**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:29**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	10.5	0.100	1	
Chromium	0.0627	0.00500	1		Manganese	0.421	0.00500	1	
Nickel	0.0220	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21A	**09-01-0146-14-F**	**01/05/09 14:47**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:31**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.0866	0.0100	1		Iron	292	0.100	1	
Chromium	0.922	0.00500	1		Manganese	34.8	0.00500	1	
Nickel	3.08	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21B	**09-01-0146-15-F**	**01/05/09 14:35**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:34**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.825	0.100	1	
Chromium	0.0259	0.00500	1		Manganese	0.0232	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22A	**09-01-0146-16-F**	**01/05/09 13:50**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:37**	**090106LA2**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.132	0.0100	1		Iron	313	0.100	1	
Chromium	0.665	0.00500	1		Manganese	10.7	0.00500	1	
Nickel	1.09	0.00500	1						

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:	01/06/09
Work Order No:	09-01-0146
Preparation:	EPA 3010A Total
Method:	EPA 6010B
Units:	mg/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22B	**09-01-0146-17-F**	**01/05/09 14:55**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 22:39**	**090106LA2**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	1.25	0.100	1	
Chromium	0.0418	0.00500	1		Manganese	0.0253	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-003-8,988**	**N/A**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 14:12**	**090106LA2**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	ND	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-003-8,990**	**N/A**	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09 21:54**	**090106LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	ND	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

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: 01/06/09
Work Order No: 09-01-0146
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**09-01-0146-1-A**	**01/05/09 11:27**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 05:50**	**090109L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.8	0.50	1		Toluene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Xylenes (total)	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	250	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	74-140			1,2-Dichloroethane-d4	107	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	106	88-112		
1,4-Bromofluorobenzene	96	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5	**09-01-0146-2-A**	**01/05/09 09:30**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 10:31**	**090109L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	2300	10	20		Toluene	1400	10	10	
1,2-Dibromoethane	ND	10	10		Xylenes (total)	2900	10	10	
1,2-Dichloroethane	ND	5.0	10		Methyl-t-Butyl Ether (MTBE)	ND	10	10	
Ethylbenzene	1500	10	10		TPPH	57000	1000	20	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	105	88-112		
1,4-Bromofluorobenzene	102	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	**09-01-0146-3-A**	**01/05/09 10:55**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 10:57**	**090109L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	9400	50	100		Toluene	3600	100	100	
1,2-Dibromoethane	ND	100	100		Xylenes (total)	3100	100	100	
1,2-Dichloroethane	ND	50	100		Methyl-t-Butyl Ether (MTBE)	ND	100	100	
Ethylbenzene	890	100	100		TPPH	53000	5000	100	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	74-140			1,2-Dichloroethane-d4	107	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	98	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/06/09
1680 Rogers Avenue		Work Order No:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-17	**09-01-0146-10-A**	**01/05/09 11:29**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 00:43**	**090109L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	790	5.0	10		Toluene	700	10	10	
1,2-Dibromoethane	ND	10	10		Xylenes (total)	1200	10	10	
1,2-Dichloroethane	ND	5.0	10		Methyl-t-Butyl Ether (MTBE)	ND	10	10	
Ethylbenzene	150	10	10		TPPH	15000	500	10	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	106	88-112		
1,4-Bromofluorobenzene	101	74-110							

S-18	**09-01-0146-11-A**	**01/05/09 13:00**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 01:09**	**090109L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	830	25	50		Toluene	1000	50	50	
1,2-Dibromoethane	ND	50	50		Xylenes (total)	1400	50	50	
1,2-Dichloroethane	ND	25	50		Methyl-t-Butyl Ether (MTBE)	ND	50	50	
Ethylbenzene	290	50	50		TPPH	20000	2500	50	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	74-140			1,2-Dichloroethane-d4	109	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	107	88-112		
1,4-Bromofluorobenzene	100	74-110							

Method Blank	**099-12-767-797**	**N/A**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/09/09 17:29**	**090109L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Toluene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Xylenes (total)	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	96	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/06/09
1680 Rogers Avenue		Work Order No:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-813**	**N/A**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 05:24**	**090109L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Toluene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Xylenes (total)	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	74-140		1,2-Dichloroethane-d4	102	74-146	
Toluene-d8	99	88-112		Toluene-d8-TPPH	105	88-112	
1,4-Bromofluorobenzene	95	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-824**	**N/A**	**Aqueous**	**GC/MS OO**	**01/12/09**	**01/12/09 17:33**	**090112L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Toluene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Xylenes (total)	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	100	88-112		Toluene-d8-TPPH	105	88-112	
1,4-Bromofluorobenzene	96	74-110					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/06/09
1680 Rogers Avenue		Work Order No:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**09-01-0146-4-C**	**01/05/09 15:32**	**Aqueous**	**GC/MS OO**	**01/12/09**	**01/12/09 21:00**	**090112L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	15	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	1.2	1.0	1		TPPH	170	50	1	
Toluene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	110	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	105	88-112		
1,4-Bromofluorobenzene	96	74-110							

S-9	**09-01-0146-5-C**	**01/05/09 15:15**	**Aqueous**	**GC/MS OO**	**01/12/09**	**01/12/09 21:25**	**090112L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	230	1.0	2		Xylenes (total)	64	2.0	2	
Ethylbenzene	45	2.0	2		TPPH	1000	100	2	
Toluene	24	2.0	2						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	122	74-140			1,2-Dichloroethane-d4	124	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	98	74-110							

S-10	**09-01-0146-6-A**	**01/05/09 15:05**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/09/09 23:01**	**090109L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	105	88-112		
1,4-Bromofluorobenzene	96	74-110							

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: 01/06/09
Work Order No: 09-01-0146
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	**09-01-0146-7-A**	**01/05/09 15:50**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/09/09 23:26**	**090109L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	16	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	3.2	1.0	1		TPPH	95	50	1	
Toluene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	124	74-140			1,2-Dichloroethane-d4	127	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	106	88-112		
1,4-Bromofluorobenzene	97	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-13	**09-01-0146-8-A**	**01/05/09 15:25**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/09/09 23:52**	**090109L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	700	5.0	10		Xylenes (total)	1000	10	10	
Ethylbenzene	67	10	10		TPPH	8200	500	10	
Toluene	670	10	10						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	74-140			1,2-Dichloroethane-d4	108	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	106	88-112		
1,4-Bromofluorobenzene	98	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-14R	**09-01-0146-9-A**	**01/05/09 13:25**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 00:18**	**090109L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	89	2.5	5		Xylenes (total)	140	5.0	5	
Ethylbenzene	19	5.0	5		TPPH	2100	250	5	
Toluene	86	5.0	5						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	98	74-140			1,2-Dichloroethane-d4	96	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	105	88-112		
1,4-Bromofluorobenzene	94	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/06/09
1680 Rogers Avenue		Work Order No:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-19	**09-01-0146-12-A**	**01/05/09 14:02**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 07:32**	**090109L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	230	1.0	2		Xylenes (total)	380	2.0	2	
Ethylbenzene	50	2.0	2		TPPH	3400	100	2	
Toluene	250	2.0	2						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	100	88-112		Toluene-d8-TPPH	104	88-112	
1,4-Bromofluorobenzene	101	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-20	**09-01-0146-13-C**	**01/05/09 14:29**	**Aqueous**	**GC/MS OO**	**01/12/09**	**01/12/09 21:51**	**090112L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1500	12	25		Xylenes (total)	1900	25	25	
Ethylbenzene	320	25	25		TPPH	17000	1200	25	
Toluene	1700	25	25						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	74-140		1,2-Dichloroethane-d4	112	74-146	
Toluene-d8	99	88-112		Toluene-d8-TPPH	104	88-112	
1,4-Bromofluorobenzene	99	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21A	**09-01-0146-14-A**	**01/05/09 14:47**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 08:22**	**090109L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	3100	10	20		Xylenes (total)	1100	20	20	
Ethylbenzene	450	20	20		TPPH	28000	1000	20	
Toluene	2900	20	20						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	74-140		1,2-Dichloroethane-d4	106	74-146	
Toluene-d8	101	88-112		Toluene-d8-TPPH	105	88-112	
1,4-Bromofluorobenzene	100	74-110					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/06/09
1680 Rogers Avenue		Work Order No:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21B	**09-01-0146-15-A**	**01/05/09 14:35**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 08:48**	**090109L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	35	2.5	5		Xylenes (total)	600	5.0	5	
Ethylbenzene	93	5.0	5		TPPH	5400	250	5	
Toluene	200	5.0	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	107	74-146	
Toluene-d8	101	88-112		Toluene-d8-TPPH	105	88-112	
1,4-Bromofluorobenzene	100	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22A	**09-01-0146-16-A**	**01/05/09 13:50**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 09:14**	**090109L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	4500	25	50		Xylenes (total)	6400	50	50	
Ethylbenzene	1200	50	50		TPPH	56000	2500	50	
Toluene	5300	50	50						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	74-140		1,2-Dichloroethane-d4	103	74-146	
Toluene-d8	102	88-112		Toluene-d8-TPPH	106	88-112	
1,4-Bromofluorobenzene	100	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22B	**09-01-0146-17-A**	**01/05/09 14:55**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 09:39**	**090109L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.9	0.50	1		Xylenes (total)	11	1.0	1	
Ethylbenzene	2.6	1.0	1		TPPH	110	50	1	
Toluene	5.0	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	109	74-146	
Toluene-d8	100	88-112		Toluene-d8-TPPH	105	88-112	
1,4-Bromofluorobenzene	99	74-110					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/06/09
1680 Rogers Avenue		Work Order No:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-23	**09-01-0146-18-C**	**01/05/09 13:22**	**Aqueous**	**GC/MS LL**	**01/13/09**	**01/14/09 04:45**	**090113L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	63	0.50	1		Xylenes (total)	58	1.0	1	
Ethylbenzene	14	1.0	1		TPPH	830	50	1	
Toluene	98	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	114	74-146	
Toluene-d8	103	88-112		Toluene-d8-TPPH	103	88-112	
1,4-Bromofluorobenzene	99	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-797**	**N/A**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/09/09 17:29**	**090109L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	74-140		1,2-Dichloroethane-d4	104	74-146	
Toluene-d8	98	88-112		Toluene-d8-TPPH	103	88-112	
1,4-Bromofluorobenzene	96	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-813**	**N/A**	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09 05:24**	**090109L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	74-140		1,2-Dichloroethane-d4	102	74-146	
Toluene-d8	99	88-112		Toluene-d8-TPPH	105	88-112	
1,4-Bromofluorobenzene	95	74-110					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/06/09
1680 Rogers Avenue		Work Order No:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-824**	**N/A**	**Aqueous**	**GC/MS OO**	**01/12/09**	**01/12/09 17:33**	**090112L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	100	88-112		Toluene-d8-TPPH	105	88-112	
1,4-Bromofluorobenzene	96	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-841**	**N/A**	**Aqueous**	**GC/MS LL**	**01/13/09**	**01/13/09 21:31**	**090113L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	74-140		1,2-Dichloroethane-d4	107	74-146	
Toluene-d8	101	88-112		Toluene-d8-TPPH	102	88-112	
1,4-Bromofluorobenzene	94	74-110					

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: 01/06/09
Work Order No: 09-01-0146

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-8	**09-01-0146-4**	**01/05/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	36	5.0	5		mg/L	N/A	01/06/09	EPA 300.0
Bromide	0.15	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Nitrate (as N)	3.8	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Sulfate	33	5.0	5		mg/L	N/A	01/06/09	EPA 300.0
Chromium, Hexavalent	16	1.0	1		ug/L	N/A	01/06/09	EPA 7199
Solids, Total Suspended	83	1.0	1		mg/L	01/12/09	01/12/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/06/09	01/06/09	SM3500-FeB

S-9	**09-01-0146-5**	**01/05/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	150	20	20		mg/L	N/A	01/06/09	EPA 300.0
Bromide	0.76	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Nitrate (as N)	3.3	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Sulfate	37	5.0	5		mg/L	N/A	01/06/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	01/06/09	EPA 7199
Solids, Total Suspended	42	1.0	1		mg/L	01/12/09	01/12/09	SM 2540 D
Iron (II)	0.25	0.10	1		mg/L	01/06/09	01/06/09	SM3500-FeB

S-10	**09-01-0146-6**	**01/05/09**	**Aqueous**

Comment(s): (68) Dilution analysis was performed outside the recommended holding time.

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	94	20	20		mg/L	N/A	01/06/09	EPA 300.0
Bromide	0.50	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Nitrate (as N) (68)	17	2.0	20		mg/L	N/A	01/06/09	EPA 300.0
Sulfate	170	20	20		mg/L	N/A	01/06/09	EPA 300.0
Chromium, Hexavalent	23	1.0	1		ug/L	N/A	01/06/09	EPA 7199
Solids, Total Suspended	108	1.0	1		mg/L	01/12/09	01/12/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/06/09	01/06/09	SM3500-FeB

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: 01/06/09
Work Order No: 09-01-0146

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-12	**09-01-0146-7**	**01/05/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	22	5.0	5		mg/L	N/A	01/06/09	EPA 300.0
Bromide	0.12	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Nitrate (as N)	1.8	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Sulfate	27	5.0	5		mg/L	N/A	01/06/09	EPA 300.0
Chromium, Hexavalent	5.2	1.0	1		ug/L	N/A	01/06/09	EPA 7199
Solids, Total Suspended	662	1.0	1		mg/L	01/12/09	01/12/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/06/09	01/06/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-13	**09-01-0146-8**	**01/05/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	25	5.0	5		mg/L	N/A	01/06/09	EPA 300.0
Bromide	0.13	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Nitrate (as N)	1.5	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Sulfate	21	5.0	5		mg/L	N/A	01/06/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	01/06/09	EPA 7199
Solids, Total Suspended	381	1.0	1		mg/L	01/12/09	01/12/09	SM 2540 D
Iron (II)	0.43	0.10	1		mg/L	01/06/09	01/06/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-14R	**09-01-0146-9**	**01/05/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	51	20	20		mg/L	N/A	01/06/09	EPA 300.0
Bromide	0.23	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Nitrate (as N)	3.6	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Sulfate	41	5.0	5		mg/L	N/A	01/06/09	EPA 300.0
Chromium, Hexavalent	4.1	1.0	1		ug/L	N/A	01/06/09	EPA 7199
Solids, Total Suspended	323	1.0	1		mg/L	01/12/09	01/12/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/06/09	01/06/09	SM3500-FeB

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: 01/06/09
Work Order No: 09-01-0146

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-19	**09-01-0146-12**	**01/05/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	47	20	20		mg/L	N/A	01/06/09	EPA 300.0
Bromide	0.23	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Nitrate (as N)	2.1	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Sulfate	31	5.0	5		mg/L	N/A	01/06/09	EPA 300.0
Chromium, Hexavalent	22	1.0	1		ug/L	N/A	01/06/09	EPA 7199
Solids, Total Suspended	329	1.0	1		mg/L	01/12/09	01/12/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/06/09	01/06/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-21A	**09-01-0146-14**	**01/05/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	83	20	20		mg/L	N/A	01/06/09	EPA 300.0
Bromide	1.9	0.20	2		mg/L	N/A	01/06/09	EPA 300.0
Nitrate (as N)	0.42	0.20	2		mg/L	N/A	01/06/09	EPA 300.0
Sulfate	6200	1000	1000		mg/L	N/A	01/06/09	EPA 300.0
Chromium, Hexavalent	1.4	1.0	1		ug/L	N/A	01/06/09	EPA 7199
Solids, Total Suspended	3890	10	1		mg/L	01/12/09	01/12/09	SM 2540 D
Iron (II)	0.20	0.10	1		mg/L	01/06/09	01/06/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-21B	**09-01-0146-15**	**01/05/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	44	5.0	5		mg/L	N/A	01/06/09	EPA 300.0
Bromide	0.24	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Nitrate (as N)	4.4	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Sulfate	50	5.0	5		mg/L	N/A	01/06/09	EPA 300.0
Chromium, Hexavalent	20	1.0	1		ug/L	N/A	01/06/09	EPA 7199
Solids, Total Suspended	55	1.0	1		mg/L	01/12/09	01/12/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/06/09	01/06/09	SM3500-FeB

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: 01/06/09
Work Order No: 09-01-0146

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-22A	**09-01-0146-16**	**01/05/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	77	50	50		mg/L	N/A	01/06/09	EPA 300.0
Bromide	1.2	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Nitrate (as N)	0.26	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Sulfate	1200	200	200		mg/L	N/A	01/06/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	01/06/09	EPA 7199
Solids, Total Suspended	9200	10	1		mg/L	01/12/09	01/12/09	SM 2540 D
Iron (II)	1.4	0.10	1		mg/L	01/06/09	01/06/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-22B	**09-01-0146-17**	**01/05/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	45	10	10		mg/L	N/A	01/06/09	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Nitrate (as N)	1.4	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Sulfate	270	100	100		mg/L	N/A	01/06/09	EPA 300.0
Chromium, Hexavalent	34	1.0	1		ug/L	N/A	01/06/09	EPA 7199
Solids, Total Suspended	18	1.0	1		mg/L	01/12/09	01/12/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/06/09	01/06/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
Method Blank		**N/A**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	ND	1.0	1		mg/L	N/A	01/06/09	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Nitrate (as N)	ND	0.10	1		mg/L	N/A	01/06/09	EPA 300.0
Sulfate	ND	1.0	1		mg/L	N/A	01/06/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	01/06/09	EPA 7199
Solids, Total Suspended	ND	1.0	1		mg/L	01/12/09	01/12/09	SM 2540 D
Solids, Total Suspended	ND	1.0	1		mg/L	01/12/09	01/12/09	SM 2540 D
Solids, Total Suspended	ND	1.0	1		mg/L	01/12/09	01/12/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/06/09	01/06/09	SM3500-FeB

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

Calscience Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

ANALYTICAL REPORT

Blaine Tech Services	Date Sampled:	01/05/09
1680 Rogers Ave	Date Received:	01/06/09
San Jose, CA 95112	Date Analyzed:	01/06/09
	Work Order No.:	09-01-0146
Attn: Michael Ninokata	Method:	Calculation
RE: 461 8th Street , Oakland, CA	Page 1 of 1	

All concentrations are reported in mg/L (ppm).

Sample Number	Ferric Iron Concentration	Reporting Limit
S-8	6.14	0.100
S-9	3.16	0.100
S-10	5.95	0.100
S-12	61.9	0.100
S-13	19.7	0.100
S-14R	15.3	0.100
S-19	10.5	0.100
S-21A	292	0.100
S-21B	0.826	0.100
S-22A	312	0.100

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 01/06/09
Work Order No: 09-01-0146
Preparation: EPA 3010A Total
Method: EPA 6010B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-2122-1	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09**	**090106SA2**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	103	102	80-140	0	0-11	
Chromium	107	113	86-122	3	0-8	
Nickel	4X	4X	84-120	4X	0-7	Q
Iron	4X	4X	65-149	4X	0-21	Q
Manganese	112	114	86-116	2	0-7	

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: 01/06/09
Work Order No: 09-01-0146
Preparation: EPA 3010A Total
Method: EPA 6010B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-8	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09**	**090106SA4**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	107	105	80-140	2	0-11	
Chromium	100	99	86-122	1	0-8	
Nickel	109	107	84-120	1	0-7	
Iron	4X	4X	65-149	4X	0-21	Q
Manganese	111	111	86-116	0	0-7	

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: 01/06/09
Work Order No: 09-01-0146
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-0080-6	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/09/09**	**090109S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	95	88-118	2	0-7	
Carbon Tetrachloride	111	104	67-145	6	0-11	
Chlorobenzene	93	87	88-118	7	0-7	3
1,2-Dibromoethane	106	97	70-130	9	0-30	
1,2-Dichlorobenzene	90	84	86-116	8	0-8	3
1,1-Dichloroethene	96	92	70-130	5	0-25	
Ethylbenzene	96	91	70-130	5	0-30	
Toluene	94	97	87-123	3	0-8	
Trichloroethene	97	93	79-127	4	0-10	
Vinyl Chloride	79	75	69-129	6	0-13	
Methyl-t-Butyl Ether (MTBE)	112	99	71-131	10	0-13	
Tert-Butyl Alcohol (TBA)	89	81	36-168	9	0-45	
Diisopropyl Ether (DIPE)	128	103	81-123	8	0-9	3
Ethyl-t-Butyl Ether (ETBE)	109	99	72-126	10	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	98	72-126	9	0-12	
Ethanol	85	79	53-149	8	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: 01/06/09
Work Order No: 09-01-0146
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-4	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09**	**090109S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	89	88-118	1	0-7	
Carbon Tetrachloride	99	99	67-145	0	0-11	
Chlorobenzene	84	85	88-118	1	0-7	3
1,2-Dibromoethane	100	100	70-130	0	0-30	
1,2-Dichlorobenzene	83	85	86-116	2	0-8	3
1,1-Dichloroethene	88	89	70-130	0	0-25	
Ethylbenzene	86	86	70-130	0	0-30	
Toluene	90	89	87-123	1	0-8	
Trichloroethene	91	90	79-127	1	0-10	
Vinyl Chloride	71	70	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	102	104	71-131	1	0-13	
Tert-Butyl Alcohol (TBA)	85	87	36-168	2	0-45	
Diisopropyl Ether (DIPE)	101	102	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	104	105	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	103	72-126	2	0-12	
Ethanol	87	82	53-149	7	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: 01/06/09
Work Order No: 09-01-0146
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-0297-3	**Aqueous**	**GC/MS OO**	**01/12/09**	**01/12/09**	**090112S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	82	88-118	11	0-7	4,3
Carbon Tetrachloride	104	93	67-145	12	0-11	4
Chlorobenzene	85	77	88-118	11	0-7	3,4
1,2-Dibromoethane	101	91	70-130	10	0-30	
1,2-Dichlorobenzene	82	75	86-116	9	0-8	3,4
1,1-Dichloroethene	89	80	70-130	11	0-25	
Ethylbenzene	87	78	70-130	10	0-30	
Toluene	89	79	87-123	12	0-8	4,3
Trichloroethene	92	81	79-127	12	0-10	4
Vinyl Chloride	69	68	69-129	2	0-13	3
Methyl-t-Butyl Ether (MTBE)	103	95	71-131	8	0-13	
Tert-Butyl Alcohol (TBA)	87	80	36-168	8	0-45	
Diisopropyl Ether (DIPE)	102	92	81-123	10	0-9	4
Ethyl-t-Butyl Ether (ETBE)	102	94	72-126	8	0-12	
Tert-Amyl-Methyl Ether (TAME)	104	94	72-126	10	0-12	
Ethanol	84	80	53-149	5	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: 01/06/09
Work Order No: 09-01-0146
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-0289-6	**Aqueous**	**GC/MS LL**	**01/13/09**	**01/13/09**	**090113S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	83	82	88-118	1	0-7	3
Carbon Tetrachloride	95	91	67-145	4	0-11	
Chlorobenzene	91	88	88-118	4	0-7	
1,2-Dibromoethane	97	96	70-130	1	0-30	
1,2-Dichlorobenzene	91	90	86-116	1	0-8	
1,1-Dichloroethene	94	90	70-130	5	0-25	
Ethylbenzene	90	87	70-130	4	0-30	
Toluene	86	84	87-123	2	0-8	3
Trichloroethene	82	81	79-127	1	0-10	
Vinyl Chloride	85	85	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	86	88	71-131	1	0-13	
Tert-Butyl Alcohol (TBA)	86	94	36-168	8	0-45	
Diisopropyl Ether (DIPE)	80	80	81-123	0	0-9	3
Ethyl-t-Butyl Ether (ETBE)	85	85	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	80	82	72-126	2	0-12	
Ethanol	75	89	53-149	17	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: N/A
Work Order No: 09-01-0146

Project: 461 8th Street , Oakland, CA

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Chloride	EPA 300.0	09-01-0097-1	01/06/09	N/A	100	101	56-134	1	0-3	
Bromide	EPA 300.0	09-01-0097-1	01/06/09	N/A	101	102	74-128	1	0-9	
Nitrate (as N)	EPA 300.0	09-01-0097-1	01/06/09	N/A	99	100	58-142	1	0-6	
Sulfate	EPA 300.0	09-01-0097-1	01/06/09	N/A	57	58	49-133	1	0-3	
Chromium, Hexavalent	EPA 7199	09-01-0204-2	01/06/09	N/A	104	102	70-130	2	0-25	
Iron (II)	SM3500-FeB	S-22B	01/06/09	1/6/09	95	98	70-130	3	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

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

Date Received: N/A
Work Order No: 09-01-0146

Project: 461 8th Street , Oakland, CA

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Solids, Total Suspended	SM 2540 D	09-01-0369-5	01/12/09	3940	3880	2	0-20	
Solids, Total Suspended	SM 2540 D	09-01-0364-1	01/12/09	8.5	7.6	11	0-20	
Solids, Total Suspended	SM 2540 D	S-21A	01/12/09	3890	3970	2	0-20	

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: 09-01-0146
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-8,988	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09**	**090106LA2**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	97	90	80-120	7	0-20	
Chromium	104	103	80-120	1	0-20	
Nickel	112	111	80-120	1	0-20	
Iron	111	109	80-120	1	0-20	
Manganese	107	106	80-120	1	0-20	

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:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-8,990	**Aqueous**	**ICP 5300**	**01/06/09**	**01/06/09**	**090106LA4**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	98	97	80-120	1	0-20	
Chromium	99	99	80-120	0	0-20	
Nickel	103	103	80-120	0	0-20	
Iron	101	100	80-120	0	0-20	
Manganese	102	102	80-120	0	0-20	

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: 09-01-0146
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-797	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/09/09**	**090109L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	106	98	84-120	78-126	8	0-8	
Carbon Tetrachloride	125	115	63-147	49-161	8	0-10	
Chlorobenzene	100	94	89-119	84-124	7	0-7	
1,2-Dibromoethane	110	104	80-120	73-127	6	0-20	
1,2-Dichlorobenzene	93	91	89-119	84-124	3	0-9	
1,1-Dichloroethene	109	101	77-125	69-133	7	0-16	
Ethylbenzene	105	98	80-120	73-127	7	0-20	
Toluene	104	97	83-125	76-132	8	0-9	
Trichloroethene	108	101	89-119	84-124	7	0-8	
Vinyl Chloride	89	85	63-135	51-147	5	0-13	
Methyl-t-Butyl Ether (MTBE)	109	100	82-118	76-124	8	0-13	
Tert-Butyl Alcohol (TBA)	105	101	46-154	28-172	3	0-32	
Diisopropyl Ether (DIPE)	109	99	81-123	74-130	9	0-11	
Ethyl-t-Butyl Ether (ETBE)	108	100	74-122	66-130	8	0-12	
Tert-Amyl-Methyl Ether (TAME)	108	101	76-124	68-132	7	0-10	
Ethanol	104	106	60-138	47-151	2	0-32	
TPPH	117	127	65-135	53-147	8	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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: 09-01-0146
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-813	**Aqueous**	**GC/MS OO**	**01/09/09**	**01/10/09**	**090109L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	99	103	84-120	78-126	4	0-8	
Carbon Tetrachloride	117	120	63-147	49-161	3	0-10	
Chlorobenzene	93	97	89-119	84-124	4	0-7	
1,2-Dibromoethane	105	106	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	86	91	89-119	84-124	6	0-9	ME
1,1-Dichloroethene	102	104	77-125	69-133	2	0-16	
Ethylbenzene	97	100	80-120	73-127	4	0-20	
Toluene	96	101	83-125	76-132	5	0-9	
Trichloroethene	104	108	89-119	84-124	4	0-8	
Vinyl Chloride	83	87	63-135	51-147	4	0-13	
Methyl-t-Butyl Ether (MTBE)	101	103	82-118	76-124	1	0-13	
Tert-Butyl Alcohol (TBA)	97	96	46-154	28-172	2	0-32	
Diisopropyl Ether (DIPE)	101	105	81-123	74-130	3	0-11	
Ethyl-t-Butyl Ether (ETBE)	101	104	74-122	66-130	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	104	76-124	68-132	4	0-10	
Ethanol	97	100	60-138	47-151	2	0-32	
TPPH	114	121	65-135	53-147	6	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 1
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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: 09-01-0146
San Jose, CA 95112-1105	Preparation: EPA 5030B
	Method: LUFT GC/MS / EPA 8260B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-824	**Aqueous**	**GC/MS OO**	**01/12/09**	**01/12/09**	**090112L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	95	102	84-120	78-126	6	0-8	
Carbon Tetrachloride	115	124	63-147	49-161	7	0-10	
Chlorobenzene	90	95	89-119	84-124	6	0-7	
1,2-Dibromoethane	101	103	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	83	91	89-119	84-124	9	0-9	
1,1-Dichloroethene	101	108	77-125	69-133	7	0-16	
Ethylbenzene	92	100	80-120	73-127	8	0-20	
Toluene	94	101	83-125	76-132	7	0-9	
Trichloroethene	98	105	89-119	84-124	7	0-8	
Vinyl Chloride	83	94	63-135	51-147	12	0-13	
Methyl-t-Butyl Ether (MTBE)	99	104	82-118	76-124	5	0-13	
Tert-Butyl Alcohol (TBA)	113	114	46-154	28-172	0	0-32	
Diisopropyl Ether (DIPE)	101	105	81-123	74-130	4	0-11	
Ethyl-t-Butyl Ether (ETBE)	98	105	74-122	66-130	7	0-12	
Tert-Amyl-Methyl Ether (TAME)	98	103	76-124	68-132	5	0-10	
Ethanol	108	106	60-138	47-151	2	0-32	
TPPH	116	126	65-135	53-147	9	0-30	

Total number of LCS compounds : 17

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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:	09-01-0146
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-841	**Aqueous**	**GC/MS LL**	**01/13/09**	**01/13/09**	**090113L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	85	84	84-120	78-126	1	0-8	
Carbon Tetrachloride	103	101	63-147	49-161	2	0-10	
Chlorobenzene	93	92	89-119	84-124	0	0-7	
1,2-Dibromoethane	97	98	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	93	93	89-119	84-124	0	0-9	
1,1-Dichloroethene	106	96	77-125	69-133	9	0-16	
Ethylbenzene	95	94	80-120	73-127	1	0-20	
Toluene	91	91	83-125	76-132	0	0-9	
Trichloroethene	88	88	89-119	84-124	0	0-8	ME
Vinyl Chloride	100	97	63-135	51-147	3	0-13	
Methyl-t-Butyl Ether (MTBE)	88	88	82-118	76-124	0	0-13	
Tert-Butyl Alcohol (TBA)	103	100	46-154	28-172	3	0-32	
Diisopropyl Ether (DIPE)	84	82	81-123	74-130	3	0-11	
Ethyl-t-Butyl Ether (ETBE)	85	85	74-122	66-130	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	80	79	76-124	68-132	1	0-10	
Ethanol	109	91	60-138	47-151	17	0-32	
TPPH	98	95	65-135	53-147	3	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 1
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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: 09-01-0146

Project: 461 8th Street , Oakland, CA

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Chloride	EPA 300.0	099-05-118-4,978	N/A	01/06/09	104	103	81-111	1	0-5	
Bromide	EPA 300.0	099-05-118-4,978	N/A	01/06/09	105	105	85-115	0	0-7	
Nitrate (as N)	EPA 300.0	099-05-118-4,978	N/A	01/06/09	102	101	87-111	1	0-12	
Sulfate	EPA 300.0	099-05-118-4,978	N/A	01/06/09	107	105	89-107	2	0-13	
Chromium, Hexavalent	EPA 7199	099-05-123-2,252	N/A	01/06/09	100	98	80-120	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

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

Date Received: N/A
Work Order No: 09-01-0146

Project: 461 8th Street , Oakland, CA

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron (II)	SM3500-FeB	099-05-111-3,180	01/06/09	01/06/09	1.00	1.00	100	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-01-0146

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 (MS) or Matrix Spike Duplicate (MSD) 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.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
☑ ENV. SERVICES | ☐ MOTIVA RETAIL | ☐ SHELL RETAIL
☐ MOTIVA SD&CM | ☐ CONSULTANT | ☐ LUBES
☐ SHELL PIPELINE | ☐ OTHER _____

Print Bill To Contact Name: Denis Brown
INCIDENT # (ENV SERVICES): 97093399
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 01/05/09
PAGE: 1 of 2
PO #:
SAP #:

SAMPLING COMPANY: Blaine Tech Services
LOG CODE: BTSS
SITE ADDRESS: Street and City: 461 8th St., Oakland
State: CA
GLOBAL ID NO.: T0600101263
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112
EDF DELIVERABLE TO (Name, Company, Office Location): Anni Kreml, CRA, Emeryville Office
PHONE NO.: 510-420-3335
E-MAIL: shelledf@craworld.com
CONSULTANT PROJECT NO.: 90105-WM
BTS #
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata
TELEPHONE: (408)573-0555
FAX: (408)573-7771
E-MAIL: mninokata@blainetech.com
SAMPLER NAME(S) (Print): WILLIAM WONG / IAN WILLIAMS
LAB USE ONLY: 01-0146

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
Metals analyses to be run Total and Dissolved. One field filtered and one non field filtered HNO3 poly provided.
See attachment for methods and metals list
SHORT HOLDS

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	EDTA	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	MTBE (8260B)	EDB (8260B)	EDC (8260B)	Nitrate, Sulfate, Chloride	Bromide, Ferrous Iron	Chromium VI	Ferric (total) Iron, Manganese	Arsenic, Nickel, Chromium	Total Suspended Solids	Container PID Readings or Laboratory Notes
1	S-4	01/05/09	1127	W	3					3	X	X	X	X	X							
2	S-5		0930		3					3	X	X	X	X	X							
3	S-6		1055		3					3	X	X	X	X	X							
4	S-8		1552		3	2		2		7	X	X				X	X	X	X	X	X	1 Field Filtered HNO3 poly
5	S-9		1515		3	2		2		7	X	X				X	X	X	X	X	X	
6	S-10		1505		3	2		2		7	X	X				X	X	X	X	X	X	
7	S-12		1550		3	2		2		7	X	X				X	X	X	X	X	X	
8	S-13		1525		3	2		2		7	X	X				X	X	X	X	X	X	
9	S-14R		1325		3	2		2		7	X	X				X	X	X	X	X	X	
10	S-17		1129		3					3	X	X	X	X	X							

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	SAMPLE CUSTODIAN	01/05/09	1715
SHIPPED VIA GSO		01/05/09	1800

5110 25274

1/6/09 1030

05/2/06 Revision

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box: ☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL ☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES ☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 97093399 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 01/05/09

PAGE: 2 of 2

PO # / SAP #

SAMPLING COMPANY:	Blaine Tech Services
LOG CODE:	BTSS
SITE ADDRESS: Street and City	461 8th St., Oakland
State	CA
GLOBAL ID NO.:	T0600101263
ADDRESS:	1680 Rogers Ave, San Jose, CA 95112
EDF DELIVERABLE TO (Name, Company, Office Location):	Anni Kreml, CRA, Emeryville Office
PHONE NO.:	510-420-3335
E-MAIL:	shelledf@craworld.com
CONSULTANT PROJECT NO.:	09105-M1
BTS #	
PROJECT CONTACT (Hardcopy or PDF Report to):	Michael Ninokata
SAMPLER NAME(S) (Print):	WILLIAM WONG; IAN WILLIAMS
LAB USE ONLY	01-0146
TELEPHONE:	(408)573-0555
FAX:	(408)573-7771
E-MAIL:	mninokata@blainetech.com

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
Metals analyses to be run Total and Dissolved. One field filtered and one non field filtered HNO3 poly provided.

See attachment for methods and metals list
SHORT HOLDS

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	EDTA	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	MTBE (8260B)	EDB (8260B)	EDC (8260B)	Nitrate, Sulfate, Chloride	Bromide, Ferrous Iron	Chromium VI	Ferric (total) Iron, Manganese	Arsenic, Nickel, Chromium	Total Suspended Solids	Container PID Readings or Laboratory Notes
11	S-18	01/05/09	1300	W	3					3	X	X	X	X	X							
12	S-19		1402		3	2		2		7	X	X	·			X	X	X	X	X	X	1 Field filtered HNO3 poly
13	S-20		1429		3					3	X	X										
14	S-21A		1447		3	2		2		7	X	X				X	X	X	X	X	X	1 FIELD FILTERED HNO3 poly
15	S-21B		1435		3	2		2		7	X	X				X	X	X	X	X	X	
16	S-22A		1350		3	2		2		7	X	X				X	X	X	X	X	X	
17	S-22B		1455		3	2		2		7	X	X				X	X	X	X	X	X	
18	S-23		1322		3					3	X	X										

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature) SAMPLE CUSTODIAN	Date: 01/05/09	Time: 1715
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) SHIPPED VIA GSO	Received by: (Signature)	Date: 01/05/09	Time: 1800

05/2/06 Revision

1/6/09 1030

0146

- TPHg (EPA Method 8260B);
- Benzene, ethylbenzene, toluene, xylenes (BTEX) (EPA Method 8260B);
- Nitrate (EPA Method 300 series) ;
- Sulfate (EPA Method 300 series);
- Chloride (EPA Method 300 series);

Total and Dissolved Metals;

- Bromide (EPA Method 300 series);
- Ferrous and Ferric Iron (EPA Method 300 series);
- Manganese (Mn) (EPA Method 6000/7000 series);
- Arsenic (As) (EPA Method 6000/7000 series);
- Nickel (Ni) (EPA Method 6000/7000 series);
- Chromium (Cr), Total (EPA Method 6000/7000 series);
- Chromium VI (EPA Method 6000/7000 series);

- Total Suspended Solids;

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-01-0146

SAMPLE RECEIPT FORM

Cooler 1 of 3

CLIENT: Blaine Tech

DATE: 01/06/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 1.6 °C - 0.2 °C (CF) = 1.4 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** JH

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** JH

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** JD

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☑	☐	☐
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑VOAh (3) ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBpo_4 ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☑1PB ☑500PB ☐500PBna ☐250PB ☑250PBn (2) ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: JD

Reviewed by: WM

Scanned by: JD

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-01-0146

SAMPLE RECEIPT FORM

Cooler 2 of 3

CLIENT: Blaine Tech

DATE: 01/06/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 1.9 °C - 0.2 °C (CF) = 1.7 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:**

CUSTODY SEALS INTACT:

☐ Cooler	☐_____	☐ No (Not Intact)	☑ Not Present	☐ N/A	**Initial:**
☐ Sample	☐_____	☐ No (Not Intact)	☑ Not Present		**Initial:**

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	☑	☐	☐
COC document(s) received complete.....	☑	☐	☐
Sampler's name indicated on COC.....	☑	☐	☐
Sample container label(s) consistent with COC.....	☑	☐	☐
Sample container(s) intact and good condition.....	☑	☐	☐
Correct containers and volume for analyses requested.....	☑	☐	☐
Analyses received within holding time.....	☑	☐	☐
Proper preservation noted on COC or sample container.....	☑	☐	☐
Volatile analysis container(s) free of headspace.....	☑	☐	☐
Tedlar bag(s) free of condensation.....	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑VOAh[3] ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBpo_4 ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☑1PB ☑500PB ☐500PBna ☐250PB ☑250PBn[2] ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by:

Reviewed by:

Scanned by:

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-01-0146

SAMPLE RECEIPT FORM

Cooler 3 of 3

CLIENT: Blaine Tech

DATE: 01/06/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.8 °C - 0.2 °C (CF) = 2.6 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** JH

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** JH

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** JH

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☑	☐	☐
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑3 VOAh ☐$VOAna_2$ ☐125AGB ☐125AGBh ☐$125AGBpo_4$ ☐1AGB ☐$1AGBna_2$ ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☑1PB ☑500PB ☐500PBna ☐250PB ☑2 250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐$100PBna_2$ ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Checked/Labeled by: JH

Reviewed by: WB

Scanned by: JH

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-01-0146

SAMPLE RECEIPT FORM

Cooler 3 of 3

CLIENT: Blaine Tech

DATE: 01/06/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.8 °C - 0.2 °C (CF) = 2.6 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** JH

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** JH

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** JH

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☑	☐	☐
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑3 VOAh ☐$VOAna_2$ ☐125AGB ☐125AGBh ☐$125AGBpo_4$ ☐1AGB ☐$1AGBna_2$ ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☑1PB ☑500PB ☐500PBna ☐250PB ☑2 250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐$100PBna_2$ ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Checked/Labeled by: JH

Reviewed by: WB

Scanned by: JH

Calscience
Environmental
Laboratories, Inc.

January 30, 2009

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

Subject: **Calscience Work Order No.: 09-01-1289**
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 1/16/2009 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.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

LABORATORY ID: 09-01-1289

Method: EPA 6010B/SM 3500-FeB (Calculation)
Matrix: Water/Aqueous

CLIENT: Blaine Tech Services, Inc.
PROJECT: 461 8th Street , Oakland, CA

Results

Sample ID	Ferric Iron (Fe+3) mg/L	Date Analyzed
S-8	3.70	01/16-20/09
S-9	4.97	01/16-20/09
S-10	2.66	01/16-20/09
S-12	52.7	01/16-20/09
S-13	22.6	01/16-20/09
S-14R	5.39	01/16-20/09
S-19	11.2	01/16-20/09
S-17	112	01/16-20/09
S-18	86.2	01/16-20/09
S-21A	1060	01/16-20/09
S-21B	0.200	01/16-20/09
S-22A	641	01/16-20/09
S-22B	0.610	01/16-20/09

Laboratory Notes

Key: ND=Not Detected at the reporting level, NA=Not applicable

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 01/16/09
Work Order No: 09-01-1289
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**09-01-1289-1-D**	**01/15/09 13:50**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:25**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0235	0.00500	1		Manganese	0.379	0.00500	1	
Nickel	0.00779	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	**09-01-1289-2-D**	**01/15/09 13:00**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:28**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	1.00	0.100	1	
Chromium	ND	0.00500	1		Manganese	0.855	0.00500	1	
Nickel	0.00651	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10	**09-01-1289-3-D**	**01/15/09 14:30**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:30**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0251	0.00500	1		Manganese	0.132	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	**09-01-1289-4-D**	**01/15/09 14:20**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:33**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.462	0.100	1	
Chromium	0.00719	0.00500	1		Manganese	0.223	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-13	**09-01-1289-5-D**	**01/15/09 14:05**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:35**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.452	0.100	1	
Chromium	ND	0.00500	1		Manganese	0.297	0.00500	1	
Nickel	ND	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/16/09
1680 Rogers Avenue		Work Order No:	09-01-1289
San Jose, CA 95112-1105		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 2 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-14R	**09-01-1289-6-D**	**01/15/09 13:35**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:37**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	1.41	0.100	1	
Chromium	ND	0.00500	1		Manganese	2.45	0.00500	1	
Nickel	0.00826	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-19	**09-01-1289-7-D**	**01/15/09 13:20**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:40**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0226	0.00500	1		Manganese	0.191	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-17	**09-01-1289-8-D**	**01/15/09 13:40**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:42**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.747	0.100	1	
Chromium	ND	0.00500	1		Manganese	0.343	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-18	**09-01-1289-9-D**	**01/15/09 14:05**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:45**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	1.13	0.100	1	
Chromium	ND	0.00500	1		Manganese	0.459	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21A	**09-01-1289-10-D**	**01/15/09 14:40**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:47**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.214	0.0100	1		Iron	1390	1.00	10	
Chromium	4.42	0.00500	1		Manganese	152	0.0500	10	
Nickel	10.9	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/16/09
1680 Rogers Avenue		Work Order No:	09-01-1289
San Jose, CA 95112-1105		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 3 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21B	**09-01-1289-11-D**	**01/15/09 14:25**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:54**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0219	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22A	**09-01-1289-12-D**	**01/15/09 13:25**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:56**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	281	0.100	1	
Chromium	1.76	0.00500	1		Manganese	66.6	0.0500	10	
Nickel	6.17	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22B	**09-01-1289-13-D**	**01/15/09 13:00**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 17:58**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0884	0.00500	1		Manganese	0.00981	0.00500	1	
Nickel	0.00769	0.00500	1						

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: 01/16/09
Work Order No: 09-01-1289
Preparation: EPA 3010A Total
Method: EPA 6010B
Units: mg/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**09-01-1289-1-E**	**01/15/09 13:50**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 15:10**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	3.70	0.100	1	
Chromium	0.0517	0.00500	1		Manganese	0.595	0.00500	1	
Nickel	0.0206	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	**09-01-1289-2-E**	**01/15/09 13:00**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 18:01**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	5.59	0.100	1	
Chromium	0.203	0.00500	1		Manganese	1.14	0.00500	1	
Nickel	0.0117	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10	**09-01-1289-3-E**	**01/15/09 14:30**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 18:03**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	2.66	0.100	1	
Chromium	0.0357	0.00500	1		Manganese	0.648	0.00500	1	
Nickel	0.0124	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	**09-01-1289-4-E**	**01/15/09 14:20**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 18:06**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	52.7	0.100	1	
Chromium	0.124	0.00500	1		Manganese	1.49	0.00500	1	
Nickel	0.138	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-13	**09-01-1289-5-E**	**01/15/09 14:05**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 18:08**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	23.1	0.100	1	
Chromium	0.0618	0.00500	1		Manganese	0.513	0.00500	1	
Nickel	0.0558	0.00500	1						

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: 01/16/09
Work Order No: 09-01-1289
Preparation: EPA 3010A Total
Method: EPA 6010B
Units: mg/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-14R	**09-01-1289-6-E**	**01/15/09 13:35**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 18:10**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	6.22	0.100	1	
Chromium	0.0186	0.00500	1		Manganese	2.45	0.00500	1	
Nickel	0.0175	0.00500	1						

S-19	**09-01-1289-7-E**	**01/15/09 13:20**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 18:12**	**090119LA7**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	11.2	0.100	1	
Chromium	0.0704	0.00500	1		Manganese	0.483	0.00500	1	
Nickel	0.0273	0.00500	1						

S-17	**09-01-1289-8-E**	**01/15/09 13:40**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 18:15**	**090119LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.0234	0.0100	1		Iron	112	0.100	1	
Chromium	0.321	0.00500	1		Manganese	1.45	0.00500	1	
Nickel	0.329	0.00500	1						

S-18	**09-01-1289-9-E**	**01/15/09 14:05**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 18:22**	**090119LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.0250	0.0100	1		Iron	86.3	0.100	1	
Chromium	0.210	0.00500	1		Manganese	1.34	0.00500	1	
Nickel	0.243	0.00500	1						

S-21A	**09-01-1289-10-E**	**01/15/09 14:40**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 18:24**	**090119LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.100	0.0100	1		Iron	1060	1.00	10	
Chromium	3.59	0.00500	1		Manganese	140	0.0500	10	
Nickel	9.29	0.00500	1						

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: 01/16/09
Work Order No: 09-01-1289
Preparation: EPA 3010A Total
Method: EPA 6010B
Units: mg/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21B	**09-01-1289-11-E**	**01/15/09 14:25**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 15:18**	**090119LA8**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.200	0.100	1	
Chromium	0.0187	0.00500	1		Manganese	0.00796	0.00500	1	
Nickel	ND	0.00500	1						

S-22A	**09-01-1289-12-E**	**01/15/09 13:25**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 18:26**	**090119LA8**		

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.171	0.0100	1		Iron	641	0.100	1	
Chromium	2.45	0.00500	1		Manganese	65.2	0.0500	10	
Nickel	6.51	0.00500	1						

S-22B	**09-01-1289-13-E**	**01/15/09 13:00**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 18:29**	**090119LA8**		

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.610	0.100	1	
Chromium	0.0791	0.00500	1		Manganese	0.0225	0.00500	1	
Nickel	0.00765	0.00500	1						

Method Blank	**097-01-003-9,054**	**N/A**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 14:24**	**090119LA7**		

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	ND	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

Method Blank	**097-01-003-9,055**	**N/A**	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09 14:27**	**090119LA8**		

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	ND	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/16/09
1680 Rogers Avenue		Work Order No:	09-01-1289
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**09-01-1289-1-A**	**01/15/09 13:50**	**Aqueous**	**GC/MS UU**	**01/26/09**	**01/26/09 15:24**	**090126L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	45	0.50	1		p/m-Xylene	ND	1.0	1	
Ethylbenzene	3.2	1.0	1		o-Xylene	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	260	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	107	74-140			1,2-Dichloroethane-d4	106	74-146		
Toluene-d8	102	88-112			Toluene-d8-TPPH	104	88-112		
1,4-Bromofluorobenzene	96	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	**09-01-1289-2-A**	**01/15/09 13:00**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 03:17**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	560	5.0	10		p/m-Xylene	220	2.0	2	
Ethylbenzene	100	2.0	2		o-Xylene	25	2.0	2	
Toluene	75	2.0	2		TPPH	2100	100	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	74-140			1,2-Dichloroethane-d4	102	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	96	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10	**09-01-1289-3-A**	**01/15/09 14:30**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 03:41**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Ethylbenzene	1.1	1.0	1		o-Xylene	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	92	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/16/09
1680 Rogers Avenue		Work Order No:	09-01-1289
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	**09-01-1289-4-A**	**01/15/09 14:20**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 04:06**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	36	0.50	1		p/m-Xylene	ND	1.0	1	
Ethylbenzene	12	1.0	1		o-Xylene	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	140	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	74-140			1,2-Dichloroethane-d4	103	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	92	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-13	**09-01-1289-5-A**	**01/15/09 14:05**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 04:30**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	610	5.0	10		p/m-Xylene	640	10	10	
Ethylbenzene	48	10	10		o-Xylene	310	10	10	
Toluene	610	10	10		TPPH	5400	500	10	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	108	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	95	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-14R	**09-01-1289-6-A**	**01/15/09 13:35**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 04:55**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	430	2.5	5		p/m-Xylene	460	5.0	5	
Ethylbenzene	83	5.0	5		o-Xylene	270	5.0	5	
Toluene	540	5.0	5		TPPH	4800	250	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	74-140			1,2-Dichloroethane-d4	105	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	97	74-110							

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: 01/16/09
Work Order No: 09-01-1289
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-19	**09-01-1289-7-A**	**01/15/09 13:20**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 05:19**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	340	1.0	2		p/m-Xylene	280	2.0	2	
Ethylbenzene	70	2.0	2		o-Xylene	160	2.0	2	
Toluene	540	10	10		TPPH	3100	100	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	74-140			1,2-Dichloroethane-d4	101	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	95	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-17	**09-01-1289-8-A**	**01/15/09 13:40**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 05:44**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	220	5.0	10		p/m-Xylene	200	10	10	
Ethylbenzene	19	10	10		o-Xylene	100	10	10	
Toluene	170	10	10		TPPH	2300	500	10	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	74-140			1,2-Dichloroethane-d4	102	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	94	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-18	**09-01-1289-9-A**	**01/15/09 14:05**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 06:08**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	690	12	25		p/m-Xylene	810	25	25	
Ethylbenzene	150	25	25		o-Xylene	420	25	25	
Toluene	790	25	25		TPPH	8200	1200	25	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	95	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/16/09
1680 Rogers Avenue		Work Order No:	09-01-1289
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21A	**09-01-1289-10-A**	**01/15/09 14:40**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 06:32**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	2100	12	25		p/m-Xylene	ND	25	25	
Ethylbenzene	45	25	25		o-Xylene	ND	25	25	
Toluene	290	25	25		TPPH	9700	1200	25	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	100	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	92	74-110							

S-21B	**09-01-1289-11-A**	**01/15/09 14:25**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 06:57**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	30	2.5	5		p/m-Xylene	330	5.0	5	
Ethylbenzene	78	5.0	5		o-Xylene	140	5.0	5	
Toluene	150	5.0	5		TPPH	3300	250	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	74-140			1,2-Dichloroethane-d4	105	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	96	74-110							

S-22A	**09-01-1289-12-A**	**01/15/09 13:25**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 07:21**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	5900	25	50		p/m-Xylene	1000	50	50	
Ethylbenzene	740	50	50		o-Xylene	570	50	50	
Toluene	4400	50	50		TPPH	25000	2500	50	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	94	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/16/09
1680 Rogers Avenue		Work Order No:	09-01-1289
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22B	**09-01-1289-13-A**	**01/15/09 13:00**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 01:39**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.3	0.50	1		p/m-Xylene	ND	1.0	1	
Ethylbenzene	1.6	1.0	1		o-Xylene	ND	1.0	1	
Toluene	1.9	1.0	1		TPPH	59	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	74-140			1,2-Dichloroethane-d4	102	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	92	74-110							

Method Blank	**099-12-767-936**	**N/A**	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09 01:15**	**090124L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Ethylbenzene	ND	1.0	1		o-Xylene	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	74-140			1,2-Dichloroethane-d4	101	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	91	74-110							

Method Blank	**099-12-767-943**	**N/A**	**Aqueous**	**GC/MS UU**	**01/26/09**	**01/26/09 12:57**	**090126L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		p/m-Xylene	ND	1.0	1	
Ethylbenzene	ND	1.0	1		o-Xylene	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	74-140			1,2-Dichloroethane-d4	105	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	94	74-110							

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: 01/16/09
Work Order No: 09-01-1289

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-8	**09-01-1289-1**	**01/15/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	33	10	10		mg/L	N/A	01/16/09	EPA 300.0
Bromide	0.16	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Nitrate (as N)	3.4	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Sulfate	26	10	10		mg/L	N/A	01/16/09	EPA 300.0
Chromium, Hexavalent	13	1.0	1		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	120	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-9	**09-01-1289-2**	**01/15/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	160	20	20		mg/L	N/A	01/16/09	EPA 300.0
Bromide	0.84	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Nitrate (as N)	3.2	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Sulfate	40	5.0	5		mg/L	N/A	01/16/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	40	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	0.62	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-10	**09-01-1289-3**	**01/15/09**	**Aqueous**

Comment(s): (68) Dilution analysis was performed outside the recommended holding time.

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride (68)	85	20	20		mg/L	N/A	01/16/09	EPA 300.0
Bromide	0.48	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Nitrate (as N) (68)	17	2.0	20		mg/L	N/A	01/16/09	EPA 300.0
Sulfate (68)	150	20	20		mg/L	N/A	01/16/09	EPA 300.0
Chromium, Hexavalent	22	1.0	1		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	72	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

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: 01/16/09
Work Order No: 09-01-1289

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-12	**09-01-1289-4**	**01/15/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	25	5.0	5		mg/L	N/A	01/16/09	EPA 300.0
Bromide	0.16	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Nitrate (as N)	1.7	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Sulfate	25	5.0	5		mg/L	N/A	01/16/09	EPA 300.0
Chromium, Hexavalent	3.5	1.0	1		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	550	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-13	**09-01-1289-5**	**01/15/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	25	5.0	5		mg/L	N/A	01/16/09	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Nitrate (as N)	4.1	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Sulfate	21	5.0	5		mg/L	N/A	01/16/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	340	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	0.46	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-14R	**09-01-1289-6**	**01/15/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	ND	1.0	1		mg/L	N/A	01/16/09	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Nitrate (as N)	0.17	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Sulfate	ND	1.0	1		mg/L	N/A	01/16/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	210	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	0.83	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

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: 01/16/09
Work Order No: 09-01-1289

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-19	**09-01-1289-7**	**01/15/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	42	10	10		mg/L	N/A	01/16/09	EPA 300.0
Bromide	0.28	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Nitrate (as N)	1.8	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Sulfate	86	10	10		mg/L	N/A	01/16/09	EPA 300.0
Chromium, Hexavalent	20	1.0	1		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	230	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-17	**09-01-1289-8**	**01/15/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	19	5.0	5		mg/L	N/A	01/16/09	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Nitrate (as N)	2.0	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Sulfate	24	5.0	5		mg/L	N/A	01/16/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	600	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-18	**09-01-1289-9**	**01/15/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	21	5.0	5		mg/L	N/A	01/16/09	EPA 300.0
Bromide	0.25	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Nitrate (as N)	0.74	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Sulfate	15	5.0	5		mg/L	N/A	01/16/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	340	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	0.12	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

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: 01/16/09
Work Order No: 09-01-1289

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-21A	**09-01-1289-10**	**01/15/09**	**Aqueous**

Comment(s): (3) The reporting limit is elevated resulting from matrix interference.

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride (3)	62	10	10		mg/L	N/A	01/17/09	EPA 300.0
Bromide (3)	ND	1.0	10		mg/L	N/A	01/17/09	EPA 300.0
Nitrate (as N) (3)	4.9	1.0	10		mg/L	N/A	01/17/09	EPA 300.0
Sulfate	30000	5000	5000		mg/L	N/A	01/17/09	EPA 300.0
Chromium, Hexavalent	11	10	10		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	860	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

S-21B	**09-01-1289-11**	**01/15/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	39	10	10		mg/L	N/A	01/17/09	EPA 300.0
Bromide	0.18	0.10	1		mg/L	N/A	01/17/09	EPA 300.0
Nitrate (as N)	4.3	0.10	1		mg/L	N/A	01/17/09	EPA 300.0
Sulfate	56	10	10		mg/L	N/A	01/17/09	EPA 300.0
Chromium, Hexavalent	18	1.0	1		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	17	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

S-22A	**09-01-1289-12**	**01/15/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	59	10	10		mg/L	N/A	01/17/09	EPA 300.0
Bromide	5.5	0.50	5		mg/L	N/A	01/17/09	EPA 300.0
Nitrate (as N)	1.4	0.50	5		mg/L	N/A	01/17/09	EPA 300.0
Sulfate	15000	4000	4000		mg/L	N/A	01/17/09	EPA 300.0
Chromium, Hexavalent	48	1.0	1		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	1480	10	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

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: 01/16/09
Work Order No: 09-01-1289

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-22B	**09-01-1289-13**	**01/15/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	24	5.0	5		mg/L	N/A	01/17/09	EPA 300.0
Bromide	0.27	0.10	1		mg/L	N/A	01/17/09	EPA 300.0
Nitrate (as N)	1.7	0.10	1		mg/L	N/A	01/17/09	EPA 300.0
Sulfate	1300	200	200		mg/L	N/A	01/17/09	EPA 300.0
Chromium, Hexavalent	80	2.0	2		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	12	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

Method Blank	**N/A**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	ND	1.0	1		mg/L	N/A	01/16/09	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Nitrate (as N)	ND	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Sulfate	ND	1.0	1		mg/L	N/A	01/16/09	EPA 300.0
Chloride	ND	1.0	1		mg/L	N/A	01/16/09	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Nitrate (as N)	ND	0.10	1		mg/L	N/A	01/16/09	EPA 300.0
Sulfate	ND	1.0	1		mg/L	N/A	01/16/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	01/16/09	EPA 7199
Solids, Total Suspended	ND	1.0	1		mg/L	01/22/09	01/22/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	01/16/09	01/16/09	SM3500-FeB

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: 01/16/09
Work Order No: 09-01-1289
Preparation: EPA 3010A Total
Method: EPA 6010B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-8	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09**	**090119SA7**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	108	102	80-140	6	0-11	
Chromium	103	99	86-122	4	0-8	
Nickel	108	102	84-120	6	0-7	
Iron	4X	4X	65-149	4X	0-21	Q
Manganese	107	99	86-116	4	0-7	

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: 01/16/09
Work Order No: 09-01-1289
Preparation: EPA 3010A Total
Method: EPA 6010B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-21B	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09**	**090119SA8**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	105	107	80-140	2	0-11	
Chromium	100	99	86-122	2	0-8	
Nickel	107	108	84-120	1	0-7	
Iron	110	107	65-149	2	0-21	
Manganese	104	102	86-116	2	0-7	

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: 01/16/09
Work Order No: 09-01-1289
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-22B	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09**	**090124S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	96	88-118	1	0-7	
Carbon Tetrachloride	98	100	67-145	2	0-11	
Chlorobenzene	97	98	88-118	1	0-7	
1,2-Dibromoethane	110	103	70-130	6	0-30	
1,2-Dichlorobenzene	95	97	86-116	2	0-8	
1,1-Dichloroethene	87	91	70-130	5	0-25	
Ethylbenzene	94	96	70-130	2	0-30	
Toluene	95	96	87-123	2	0-8	
Trichloroethene	93	96	79-127	3	0-10	
Vinyl Chloride	86	88	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	107	96	71-131	11	0-13	
Tert-Butyl Alcohol (TBA)	114	86	36-168	28	0-45	
Diisopropyl Ether (DIPE)	102	98	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	108	103	72-126	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	111	104	72-126	6	0-12	
Ethanol	102	83	53-149	20	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: 01/16/09
Work Order No: 09-01-1289
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-1434-15	**Aqueous**	**GC/MS UU**	**01/26/09**	**01/26/09**	**090126S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	107	108	88-118	1	0-7	
Carbon Tetrachloride	118	122	67-145	3	0-11	
Chlorobenzene	99	101	88-118	3	0-7	
1,2-Dibromoethane	109	104	70-130	4	0-30	
1,2-Dichlorobenzene	95	97	86-116	2	0-8	
1,1-Dichloroethene	105	106	70-130	1	0-25	
Ethylbenzene	100	102	70-130	2	0-30	
Toluene	109	110	87-123	1	0-8	
Trichloroethene	108	109	79-127	1	0-10	
Vinyl Chloride	101	100	69-129	0	0-13	
Methyl-t-Butyl Ether (MTBE)	123	117	71-131	4	0-13	
Tert-Butyl Alcohol (TBA)	128	118	36-168	8	0-45	
Diisopropyl Ether (DIPE)	116	115	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	124	121	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	120	116	72-126	3	0-12	
Ethanol	125	109	53-149	13	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: N/A
Work Order No: 09-01-1289

Project: 461 8th Street , Oakland, CA

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Chloride	EPA 300.0	09-01-1335-1	01/16/09	N/A	96	98	56-134	1	0-3	
Bromide	EPA 300.0	09-01-1335-1	01/16/09	N/A	98	100	74-128	2	0-9	
Nitrate (as N)	EPA 300.0	09-01-1335-1	01/16/09	N/A	101	103	58-142	2	0-6	
Sulfate	EPA 300.0	09-01-1335-1	01/16/09	N/A	101	103	49-133	2	0-3	
Chloride	EPA 300.0	S-18	01/16/09	N/A	102	100	56-134	2	0-3	
Bromide	EPA 300.0	S-18	01/16/09	N/A	100	101	74-128	1	0-9	
Nitrate (as N)	EPA 300.0	S-18	01/16/09	N/A	103	104	58-142	0	0-6	
Sulfate	EPA 300.0	S-18	01/16/09	N/A	102	103	49-133	1	0-3	
Chromium, Hexavalent	EPA 7199	S-8	01/16/09	N/A	81	79	70-130	1	0-25	
Iron (II)	SM3500-FeB	S-22B	01/16/09	1/16/09	97	95	70-130	2	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Blaine Tech Services, Inc.	Date Received:	N/A
1680 Rogers Avenue	Work Order No:	09-01-1289
San Jose, CA 95112-1105		

Project: 461 8th Street , Oakland, CA

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Solids, Total Suspended	SM 2540 D	S-21A	01/22/09	860	980	13	0-20	

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: 09-01-1289
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-9,054	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09**	**090119LA7**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	95	99	80-120	5	0-20	
Chromium	101	99	80-120	2	0-20	
Nickel	107	106	80-120	2	0-20	
Iron	108	100	80-120	7	0-20	
Manganese	102	99	80-120	2	0-20	

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:	09-01-1289
San Jose, CA 95112-1105	Preparation:	EPA 3010A Total
	Method:	EPA 6010B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-9,055	**Aqueous**	**ICP 5300**	**01/19/09**	**01/20/09**	**090119LA8**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	98	98	80-120	1	0-20	
Chromium	99	98	80-120	1	0-20	
Nickel	104	105	80-120	1	0-20	
Iron	100	100	80-120	0	0-20	
Manganese	100	100	80-120	0	0-20	

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: 09-01-1289
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-936	**Aqueous**	**GC/MS UU**	**01/24/09**	**01/25/09**	**090124L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	97	98	84-120	78-126	1	0-8	
Carbon Tetrachloride	100	99	63-147	49-161	1	0-10	
Chlorobenzene	100	99	89-119	84-124	1	0-7	
1,2-Dibromoethane	106	110	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	101	99	89-119	84-124	2	0-9	
1,1-Dichloroethene	89	88	77-125	69-133	1	0-16	
Ethylbenzene	99	99	80-120	73-127	0	0-20	
Toluene	98	99	83-125	76-132	1	0-9	
Trichloroethene	101	100	89-119	84-124	1	0-8	
Vinyl Chloride	90	88	63-135	51-147	2	0-13	
Methyl-t-Butyl Ether (MTBE)	101	100	82-118	76-124	1	0-13	
Tert-Butyl Alcohol (TBA)	95	95	46-154	28-172	0	0-32	
Diisopropyl Ether (DIPE)	99	98	81-123	74-130	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	103	103	74-122	66-130	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	108	76-124	68-132	1	0-10	
Ethanol	85	85	60-138	47-151	0	0-32	
TPPH	72	74	65-135	53-147	3	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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: 09-01-1289
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-943	**Aqueous**	**GC/MS UU**	**01/26/09**	**01/26/09**	**090126L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	108	107	84-120	78-126	1	0-8	
Carbon Tetrachloride	119	121	63-147	49-161	1	0-10	
Chlorobenzene	101	101	89-119	84-124	0	0-7	
1,2-Dibromoethane	107	109	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	96	98	89-119	84-124	2	0-9	
1,1-Dichloroethene	108	108	77-125	69-133	0	0-16	
Ethylbenzene	101	101	80-120	73-127	0	0-20	
Toluene	110	109	83-125	76-132	1	0-9	
Trichloroethene	112	111	89-119	84-124	1	0-8	
Vinyl Chloride	102	104	63-135	51-147	2	0-13	
Methyl-t-Butyl Ether (MTBE)	113	121	82-118	76-124	7	0-13	ME
Tert-Butyl Alcohol (TBA)	108	125	46-154	28-172	14	0-32	
Diisopropyl Ether (DIPE)	113	114	81-123	74-130	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	119	122	74-122	66-130	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	118	117	76-124	68-132	0	0-10	
Ethanol	99	112	60-138	47-151	12	0-32	
TPPH	87	85	65-135	53-147	3	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 1
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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: 09-01-1289

Project: 461 8th Street , Oakland, CA

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Chloride	EPA 300.0	099-05-118-5,010	N/A	01/16/09	96	97	81-111	0	0-5	
Bromide	EPA 300.0	099-05-118-5,010	N/A	01/16/09	99	100	85-115	1	0-7	
Nitrate (as N)	EPA 300.0	099-05-118-5,010	N/A	01/16/09	102	103	87-111	1	0-12	
Sulfate	EPA 300.0	099-05-118-5,010	N/A	01/16/09	101	101	89-107	0	0-13	
Chloride	EPA 300.0	099-05-118-4,996	N/A	01/16/09	99	99	81-111	0	0-5	
Bromide	EPA 300.0	099-05-118-4,996	N/A	01/16/09	102	101	85-115	1	0-7	
Nitrate (as N)	EPA 300.0	099-05-118-4,996	N/A	01/16/09	104	104	87-111	0	0-12	
Sulfate	EPA 300.0	099-05-118-4,996	N/A	01/16/09	101	103	89-107	2	0-13	
Chromium, Hexavalent	EPA 7199	099-05-123-2,263	N/A	01/16/09	102	102	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: N/A
Work Order No: 09-01-1289

Project: 461 8th Street , Oakland, CA

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron (II)	SM3500-FeB	099-05-111-3,190	01/16/09	01/16/09	1.00	0.978	98	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-01-1289

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 (MS) or Matrix Spike Duplicate (MSD) 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.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
☑ ENV. SERVICES | ☐ MOTIVA RETAIL | ☐ SHELL RETAIL
☐ MOTIVA SD&CM | ☐ CONSULTANT | ☐ LUBES
☐ SHELL PIPELINE | ☐ OTHER _____

Print Bill To Contact Name: Denis Brown
INCIDENT # (ENV SERVICES): 9 7 0 9 3 3 9 9 | ☐ CHECK IF NO INCIDENT # APPLIES
PO # | SAP #
DATE: 1/15/09
PAGE: 1 of 2

SAMPLING COMPANY: Blaine Tech Services | LOG CODE: BTSS
SITE ADDRESS: Street and City: 461 8th St., Oakland | State: CA | GLOBAL ID NO.: T0600101263
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112
EDF DELIVERABLE TO (Name, Company, Office Location): Anni Kreml, CRA, Emeryville Office | PHONE NO.: 510-420-3335 | E-MAIL: shelledf@craworld.com | CONSULTANT PROJECT NO.: BTS # 090115-WW1
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata
TELEPHONE: (408)573-0555 | FAX: (408)573-7771 | E-MAIL: mninokata@blainetech.com
SAMPLER NAME(S) (Print): WILLIAM WONG, JEFF PARKER
LAB USE ONLY: 09-01-1289

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND
☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
Metals analyses to be run Total and Dissolved. One field filtered and one non field filtered HNO3 poly provided.
See attachment for methods and metals list
SHORT HOLDS

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	EDTA	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	MTBE (8260B)	EDB (8260B)	EDC (8260B)	Nitrate, Sulfate, Chloride	Bromide, Ferrous Iron	Chromium VI	Ferric (total) Iron, Manganese	Arsenic, Nickel, Chromium	Total Suspended Solids	Container PID Readings or Laboratory Notes
1	S-8	01/15/09	1350	W	3	2		2		7	X	X				X	X	X	X	X	X	Field Filtered NO3
2	S-9		1300								X	X				X	X	X	X	X	X	
3	S-10		1430								X	X				X	X	X	X	X	X	
4	S-12		1420								X	X				X	X	X	X	X	X	
5	S-13		1405								X	X				X	X	X	X	X	X	
6	S-14R		1335								X	X				X	X	X	X	X	X	
7	S-19		1320								X	X				X	X	X	X	X	X	
8	S-17		1340								X	X				X	X	X	X	X	X	
9	S-18		1405								X	X				X	X	X	X	X	X	
10	S-21A		1440								X	X				X	X	X	X	X	X	

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	[signature] SAMPLE CUSTODIAN	01/15/09	1640
SHIPPED VIA GSO	[signature] Wchain CE	1/16/09	1730 1030

5110943 41
5110943 42

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
☑ ENV. SERVICES | ☐ MOTIVA RETAIL | ☐ SHELL RETAIL
☐ MOTIVA SD&CM | ☐ CONSULTANT | ☐ LUBES
☐ SHELL PIPELINE | ☐ OTHER

Print Bill To Contact Name: Denis Brown
PO #:
INCIDENT # (ENV SERVICES): 97093999
SAP #:
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 1/15/09
PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services
LOG CODE: BTSS
SITE ADDRESS: Street and City: 461 8th St., Oakland
State: CA
GLOBAL ID NO.: T0600101263
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112
EDF DELIVERABLE TO (Name, Company, Office Location): Anni Kreml, CRA, Emeryville Office
PHONE NO.: 510-420-3335
E-MAIL: shelledf@craworld.com
CONSULTANT PROJECT NO.: BTS # 090115-WW1
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata
TELEPHONE: (408)573-0555
FAX: (408)573-7771
E-MAIL: mninokata@blainetech.com
SAMPLER NAME(S) (Print): W.WONG, J.PARKER
LAB USE ONLY: 09-01-1289

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
Metals analyses to be run Total and Dissolved. One field filtered and one non field filtered HNO3 poly provided.
See attachment for methods and metals list
SHORT HOLDS

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	EDTA	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	MTBE (8260B)	EDB (8260B)	EDC (8260B)	Nitrate, Sulfate, Chloride	Bromide, Ferrous Iron	Chromium VI	Ferric (total) Iron, Manganese	Arsenic, Nickel, Chromium	Total Suspended Solids	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
11	S-21B	01/15/09	1425	W	3	2		2		7	X	X				X	X	X	X	X	X	
12	S-22A	↓	1325	↓	3	2		2		7	X	X				X	X	X	X	X	X	
13	S-22B	↓	1300	↓	3	2		2		7	X	X				X	X	X	X	X	X	

Relinquished by: (Signature)	Received by: (Signature) SAMPLE CUSTODIAN	Date: 01/15/09	Time: 1690
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) SHIPPED VIA GSO	Received by: (Signature) Wabash CEL	Date:	Time: 1730 1030

5110943 41
5110943 42

05/2/06 Revision

1289

- TPHg (EPA Method 8260B);
- Benzene, ethylbenzene, toluene, xylenes (BTEX) (EPA Method 8260B);
- Nitrate (EPA Method 300 series) ;
- Sulfate (EPA Method 300 series);
- Chloride (EPA Method 300 series);

Total and Dissolved Metals;

- Bromide (EPA Method 300 series);
- Ferrous and Ferric Iron (EPA Method 300 series);
- Manganese (Mn) (EPA Method 6000/7000 series);
- Arsenic (As) (EPA Method 6000/7000 series);
- Nickel (Ni) (EPA Method 6000/7000 series);
- Chromium (Cr), Total (EPA Method 6000/7000 series);
- Chromium VI (EPA Method 6000/7000 series);

- Total Suspended Solids;

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-01-1289

SAMPLE RECEIPT FORM

Cooler 2 of 2

CLIENT: BTS DATE: 1/16/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.9 °C - 0.2 °C (CF) = 3.7 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** UB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** UB

☐ Sample ☐_____ ☐ No (Not Intact) ☒ Not Present **Initial:** YL

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☑	☐	☐
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑VOAh (2) ☐$VOANa_2$ ☐125AGB ☐125AGBh ☐125AGBp_4 ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☑1PB ☑500PB ☐500PBna ☐250PB ☑250PBn (2) ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: YL

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Reviewed by: WJC

Scanned by: YL

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-01-1289

SAMPLE RECEIPT FORM

Cooler 1 of 2

CLIENT: BTS DATE: 1/16/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.6 °C - 0.2 °C (CF) = 3.4 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** WB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** YL

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☑	☐	☐
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑3 VOAh ☐$VOANa_2$ ☐125AGB ☐125AGBh ☐125AGBpo_4 ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☑1PB ☑500PB ☐500PBna ☐250PB ☑250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐100PBna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Checked/Labeled by: YL

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Reviewed by: LDC

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Scanned by: YL

Calscience Environmental Laboratories, Inc.

February 27, 2009

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

Subject: **Calscience Work Order No.: 09-02-1351**
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 2/13/2009 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,

Philip Hamelle for

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 1 of 8

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**09-02-1351-1-D**	**02/12/09 13:45**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:55**	**090213LA4F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0219	0.00500	1		Manganese	0.0687	0.00500	1	
Nickel	0.00557	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	**09-02-1351-2-E**	**02/12/09 14:17**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:58**	**090213LA4F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.619	0.100	1	
Chromium	ND	0.00500	1		Manganese	0.447	0.00500	1	
Nickel	0.00596	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10	**09-02-1351-3-E**	**02/12/09 13:05**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 13:01**	**090213LA4F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0226	0.00500	1		Manganese	0.318	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	**09-02-1351-4-D**	**02/12/09 13:15**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 13:04**	**090213LA4F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.00916	0.00500	1		Manganese	0.0565	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-13	**09-02-1351-5-E**	**02/12/09 15:16**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 13:12**	**090213LA4F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	2.02	0.100	1	
Chromium	ND	0.00500	1		Manganese	1.41	0.00500	1	
Nickel	0.0176	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 2 of 8

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-14R	**09-02-1351-6-E**	**02/12/09 14:31**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 13:15**	**090213LA4F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.104	0.100	1	
Chromium	0.00554	0.00500	1		Manganese	0.283	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-17	**09-02-1351-7-E**	**02/12/09 15:00**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 13:17**	**090213LA4F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.232	0.100	1	
Chromium	ND	0.00500	1		Manganese	1.32	0.00500	1	
Nickel	0.0792	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-18	**09-02-1351-8-E**	**02/12/09 15:40**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 13:20**	**090213LA4F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	1.31	0.100	1	
Chromium	ND	0.00500	1		Manganese	1.97	0.00500	1	
Nickel	0.00898	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-19	**09-02-1351-9-E**	**02/12/09 14:46**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/16/09 13:52**	**090213LA4F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.102	0.100	1	
Chromium	0.0285	0.00500	1		Manganese	0.205	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-20	**09-02-1351-10-E**	**02/12/09 15:42**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/16/09 13:55**	**090213LA4F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0334	0.00500	1		Manganese	0.0739	0.00500	1	
Nickel	ND	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 3 of 8

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21A	**09-02-1351-11-E**	**02/12/09 16:09**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:13**	**090213LA5F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	80.0	0.100	1	
Chromium	0.658	0.00500	1		Manganese	24.0	0.00500	1	
Nickel	2.27	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21B	**09-02-1351-12-E**	**02/12/09 15:00**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:15**	**090213LA5F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.0225	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22A	**09-02-1351-13-E**	**02/12/09 16:05**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:18**	**090213LA5F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.203	0.100	1	
Chromium	0.0166	0.00500	1		Manganese	11.8	0.00500	1	
Nickel	0.899	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22B	**09-02-1351-14-E**	**02/12/09 13:29**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:21**	**090213LA5F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.436	0.00500	1		Manganese	9.80	0.00500	1	
Nickel	0.984	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-23	**09-02-1351-15-E**	**02/12/09 14:03**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:23**	**090213LA5F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	0.00620	0.00500	1		Manganese	2.58	0.00500	1	
Nickel	0.149	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 4 of 8

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-003-9,144**	**N/A**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 11:39**	**090213LA5F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	ND	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-003-9,146**	**N/A**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:42**	**090213LA4F**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	ND	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 3010A Total
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 5 of 8

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**09-02-1351-1-E**	**02/12/09 13:45**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/16/09 13:50**	**090213LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	1.79	0.100	1	
Chromium	0.0467	0.00500	1		Manganese	0.289	0.00500	1	
Nickel	0.0140	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	**09-02-1351-2-D**	**02/12/09 14:17**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/16/09 13:57**	**090213LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	1.57	0.100	1	
Chromium	0.0425	0.00500	1		Manganese	0.444	0.00500	1	
Nickel	0.00547	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10	**09-02-1351-3-D**	**02/12/09 13:05**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 13:31**	**090213LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	5.75	0.100	1	
Chromium	0.0294	0.00500	1		Manganese	0.353	0.00500	1	
Nickel	0.0155	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	**09-02-1351-4-E**	**02/12/09 13:15**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 13:34**	**090213LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	33.5	0.100	1	
Chromium	0.0850	0.00500	1		Manganese	1.11	0.00500	1	
Nickel	0.0845	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-13	**09-02-1351-5-D**	**02/12/09 15:16**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 13:36**	**090213LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	8.68	0.100	1	
Chromium	0.0172	0.00500	1		Manganese	1.01	0.00500	1	
Nickel	0.0350	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 3010A Total
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 6 of 8

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-14R	**09-02-1351-6-D**	**02/12/09 14:31**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 13:44**	**090213LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	5.69	0.100	1	
Chromium	0.0292	0.00500	1		Manganese	0.348	0.00500	1	
Nickel	0.0149	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-17	**09-02-1351-7-D**	**02/12/09 15:00**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/16/09 16:20**	**090213LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.0168	0.0100	1		Iron	208	0.100	1	
Chromium	0.627	0.00500	1		Manganese	4.03	0.00500	1	
Nickel	0.748	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-18	**09-02-1351-8-D**	**02/12/09 15:40**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 13:50**	**090213LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	8.08	0.100	1	
Chromium	0.0568	0.00500	1		Manganese	0.339	0.00500	1	
Nickel	0.0205	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-19	**09-02-1351-9-D**	**02/12/09 14:46**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/16/09 14:00**	**090213LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	8.15	0.100	1	
Chromium	0.0591	0.00500	1		Manganese	0.354	0.00500	1	
Nickel	0.0206	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-20	**09-02-1351-10-D**	**02/12/09 15:42**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/16/09 14:02**	**090213LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	8.41	0.100	1	
Chromium	0.0606	0.00500	1		Manganese	0.259	0.00500	1	
Nickel	0.0233	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 3010A Total
		Method:	EPA 6010B
		Units:	mg/L
Project: 461 8th Street , Oakland, CA			Page 7 of 8

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21A	**09-02-1351-11-D**	**02/12/09 16:09**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:26**	**090213LA5**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.0350	0.0100	1		Iron	361	0.100	1	
Chromium	1.37	0.00500	1		Manganese	29.0	0.00500	1	
Nickel	3.23	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21B	**09-02-1351-12-D**	**02/12/09 15:00**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 11:59**	**090213LA5**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.842	0.100	1	
Chromium	0.0230	0.00500	1		Manganese	0.0290	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22A	**09-02-1351-13-D**	**02/12/09 16:05**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:29**	**090213LA5**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	0.0899	0.0100	1		Iron	354	0.100	1	
Chromium	1.17	0.00500	1		Manganese	13.0	0.00500	1	
Nickel	1.25	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22B	**09-02-1351-14-D**	**02/12/09 13:29**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:31**	**090213LA5**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	0.590	0.100	1	
Chromium	0.450	0.00500	1		Manganese	10.3	0.00500	1	
Nickel	1.03	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-23	**09-02-1351-15-D**	**02/12/09 14:03**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:39**	**090213LA5**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	7.84	0.100	1	
Chromium	0.0262	0.00500	1		Manganese	2.45	0.00500	1	
Nickel	0.141	0.00500	1						

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: 02/13/09
Work Order No: 09-02-1351
Preparation: EPA 3010A Total
Method: EPA 6010B
Units: mg/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-003-9,143**	**N/A**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 11:39**	**090213LA5**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	ND	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-003-9,145**	**N/A**	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09 12:42**	**090213LA4**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Arsenic	ND	0.0100	1		Iron	ND	0.100	1	
Chromium	ND	0.00500	1		Manganese	ND	0.00500	1	
Nickel	ND	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**09-02-1351-1-A**	**02/12/09 13:45**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 16:37**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	7.2	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	88	50	1	
Toluene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	74-140			1,2-Dichloroethane-d4	105	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	93	88-112		
1,4-Bromofluorobenzene	89	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	**09-02-1351-2-B**	**02/12/09 14:17**	**Aqueous**	**GC/MS RR**	**02/24/09**	**02/24/09 20:05**	**090224L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	120	1.0	2		Xylenes (total)	50	2.0	2	
Ethylbenzene	26	2.0	2		TPPH	500	100	2	
Toluene	19	2.0	2						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	107	74-140			1,2-Dichloroethane-d4	113	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	94	88-112		
1,4-Bromofluorobenzene	98	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10	**09-02-1351-3-A**	**02/12/09 13:05**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 18:39**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	3.4	1.0	1		TPPH	56	50	1	
Toluene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	74-140			1,2-Dichloroethane-d4	107	74-146		
Toluene-d8	102	88-112			Toluene-d8-TPPH	96	88-112		
1,4-Bromofluorobenzene	94	74-110							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	**09-02-1351-4-B**	**02/12/09 13:15**	**Aqueous**	**GC/MS RR**	**02/24/09**	**02/24/09 20:29**	**090224L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	5.0	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	1.6	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	109	74-140		1,2-Dichloroethane-d4	116	74-146	
Toluene-d8	100	88-112		Toluene-d8-TPPH	95	88-112	
1,4-Bromofluorobenzene	92	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-13	**09-02-1351-5-A**	**02/12/09 15:16**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 19:27**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	800	5.0	10		Xylenes (total)	870	10	10	
Ethylbenzene	110	10	10		TPPH	6300	500	10	
Toluene	1000	10	10						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	74-140		1,2-Dichloroethane-d4	106	74-146	
Toluene-d8	99	88-112		Toluene-d8-TPPH	94	88-112	
1,4-Bromofluorobenzene	99	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-14R	**09-02-1351-6-B**	**02/12/09 14:31**	**Aqueous**	**GC/MS RR**	**02/24/09**	**02/24/09 20:53**	**090224L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	40	0.50	1		Xylenes (total)	55	1.0	1	
Ethylbenzene	7.3	1.0	1		TPPH	1000	50	1	
Toluene	29	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	103	88-112		Toluene-d8-TPPH	98	88-112	
1,4-Bromofluorobenzene	98	74-110					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-17	**09-02-1351-7-A**	**02/12/09 15:00**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 20:16**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	750	10	20		Xylenes (total)	23	2.0	2	
Ethylbenzene	37	2.0	2		TPPH	4700	100	2	
Toluene	200	2.0	2						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	74-140		1,2-Dichloroethane-d4	106	74-146	
Toluene-d8	103	88-112		Toluene-d8-TPPH	99	88-112	
1,4-Bromofluorobenzene	101	74-110					

S-18	**09-02-1351-8-A**	**02/12/09 15:40**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 20:40**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1200	5.0	10		Xylenes (total)	940	10	10	
Ethylbenzene	330	10	10		TPPH	13000	500	10	
Toluene	1400	10	10						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	74-140		1,2-Dichloroethane-d4	106	74-146	
Toluene-d8	102	88-112		Toluene-d8-TPPH	97	88-112	
1,4-Bromofluorobenzene	99	74-110					

S-19	**09-02-1351-9-A**	**02/12/09 14:46**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 21:04**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	130	2.5	5		Xylenes (total)	190	5.0	5	
Ethylbenzene	37	5.0	5		TPPH	1300	250	5	
Toluene	180	5.0	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	74-140		1,2-Dichloroethane-d4	103	74-146	
Toluene-d8	99	88-112		Toluene-d8-TPPH	94	88-112	
1,4-Bromofluorobenzene	98	74-110					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-20	**09-02-1351-10-A**	**02/12/09 15:42**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 21:29**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1300	12	25		Xylenes (total)	1600	25	25	
Ethylbenzene	230	25	25		TPPH	11000	1200	25	
Toluene	1400	25	25						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	108	74-146	
Toluene-d8	99	88-112		Toluene-d8-TPPH	94	88-112	
1,4-Bromofluorobenzene	97	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21A	**09-02-1351-11-A**	**02/12/09 16:09**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 21:53**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	3100	12	25		Xylenes (total)	500	25	25	
Ethylbenzene	330	25	25		TPPH	19000	1200	25	
Toluene	2500	25	25						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	108	74-146	
Toluene-d8	99	88-112		Toluene-d8-TPPH	94	88-112	
1,4-Bromofluorobenzene	98	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-21B	**09-02-1351-12-A**	**02/12/09 15:00**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 22:17**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	12	2.5	5		Xylenes (total)	450	5.0	5	
Ethylbenzene	69	5.0	5		TPPH	2800	250	5	
Toluene	100	5.0	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	74-140		1,2-Dichloroethane-d4	104	74-146	
Toluene-d8	99	88-112		Toluene-d8-TPPH	94	88-112	
1,4-Bromofluorobenzene	98	74-110					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-22A	**09-02-1351-13-A**	**02/12/09 16:05**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 22:42**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	6700	25	50		Xylenes (total)	5000	50	50	
Ethylbenzene	1200	50	50		TPPH	43000	2500	50	
Toluene	6600	50	50						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	74-140		1,2-Dichloroethane-d4	107	74-146	
Toluene-d8	98	88-112		Toluene-d8-TPPH	93	88-112	
1,4-Bromofluorobenzene	99	74-110					

S-22B	**09-02-1351-14-A**	**02/12/09 13:29**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 23:06**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	11	0.50	1		Xylenes (total)	19	1.0	1	
Ethylbenzene	7.9	1.0	1		TPPH	290	50	1	
Toluene	6.8	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	107	74-146	
Toluene-d8	98	88-112		Toluene-d8-TPPH	93	88-112	
1,4-Bromofluorobenzene	95	74-110					

S-23	**09-02-1351-15-A**	**02/12/09 14:03**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 23:30**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	160	0.50	1		Xylenes (total)	430	1.0	1	
Ethylbenzene	55	1.0	1		TPPH	3400	50	1	
Toluene	320	5.0	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	74-140		1,2-Dichloroethane-d4	102	74-146	
Toluene-d8	102	88-112		Toluene-d8-TPPH	97	88-112	
1,4-Bromofluorobenzene	99	74-110					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	02/13/09
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-1,178**	**N/A**	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09 16:05**	**090223L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	74-140		1,2-Dichloroethane-d4	102	74-146	
Toluene-d8	98	88-112		Toluene-d8-TPPH	93	88-112	
1,4-Bromofluorobenzene	89	74-110					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-1,185**	**N/A**	**Aqueous**	**GC/MS RR**	**02/24/09**	**02/24/09 15:13**	**090224L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	100	88-112		Toluene-d8-TPPH	95	88-112	
1,4-Bromofluorobenzene	93	74-110					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 02/13/09
Work Order No: 09-02-1351

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-8	**09-02-1351-1**	**02/12/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	30	10	10		mg/L	N/A	02/13/09	EPA 300.0
Bromide	0.16	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Nitrate (as N)	3.9	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Sulfate	25	10	10		mg/L	N/A	02/13/09	EPA 300.0
Chromium, Hexavalent	23	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	43	1.0	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

S-9	**09-02-1351-2**	**02/12/09**	**Aqueous**

Comment(s): (68) Dilution analysis was performed outside the recommended holding time.

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	180	50	50		mg/L	N/A	02/13/09	EPA 300.0
Bromide	0.98	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Nitrate (as N) (68)	5.3	0.20	2		mg/L	N/A	02/13/09	EPA 300.0
Sulfate	65	10	10		mg/L	N/A	02/13/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	18	1.0	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	0.24	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

S-10	**09-02-1351-3**	**02/12/09**	**Aqueous**

Comment(s): (68) Dilution analysis was performed outside the recommended holding time.

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	77	20	20		mg/L	N/A	02/13/09	EPA 300.0
Bromide	0.37	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Nitrate (as N) (68)	14	2.0	20		mg/L	N/A	02/13/09	EPA 300.0
Sulfate	140	20	20		mg/L	N/A	02/13/09	EPA 300.0
Chromium, Hexavalent	25	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	87	1.0	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

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: 02/13/09
Work Order No: 09-02-1351

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-12	**09-02-1351-4**	**02/12/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	19	5.0	5		mg/L	N/A	02/13/09	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Nitrate (as N)	1.6	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Sulfate	21	5.0	5		mg/L	N/A	02/13/09	EPA 300.0
Chromium, Hexavalent	9.3	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	224	1.0	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-13	**09-02-1351-5**	**02/12/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	36	10	10		mg/L	N/A	02/13/09	EPA 300.0
Bromide	0.33	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Nitrate (as N)	3.2	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Sulfate	1600	200	200		mg/L	N/A	02/13/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	163	1.0	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	0.84	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-14R	**09-02-1351-6**	**02/12/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	43	10	10		mg/L	N/A	02/13/09	EPA 300.0
Bromide	0.20	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Nitrate (as N)	3.9	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Sulfate	54	10	10		mg/L	N/A	02/13/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	126	1.0	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

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: 02/13/09
Work Order No: 09-02-1351

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-17	**09-02-1351-7**	**02/12/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	20	5.0	5		mg/L	N/A	02/14/09	EPA 300.0
Bromide	0.16	0.10	1		mg/L	N/A	02/14/09	EPA 300.0
Nitrate (as N)	1.2	0.10	1		mg/L	N/A	02/14/09	EPA 300.0
Sulfate	950	200	200		mg/L	N/A	02/14/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	3920	10	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-18	**09-02-1351-8**	**02/12/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	28	5.0	5		mg/L	N/A	02/14/09	EPA 300.0
Bromide	0.28	0.10	1		mg/L	N/A	02/14/09	EPA 300.0
Nitrate (as N)	0.70	0.10	1		mg/L	N/A	02/14/09	EPA 300.0
Sulfate	670	200	200		mg/L	N/A	02/14/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	3890	10	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-19	**09-02-1351-9**	**02/12/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	40	20	20		mg/L	N/A	02/13/09	EPA 300.0
Bromide	0.20	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Nitrate (as N)	2.5	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Sulfate	350	100	100		mg/L	N/A	02/13/09	EPA 300.0
Chromium, Hexavalent	29	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	204	1.0	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

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: 02/13/09
Work Order No: 09-02-1351

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-20	**09-02-1351-10**	**02/12/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	38	20	20		mg/L	N/A	02/13/09	EPA 300.0
Bromide	0.24	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Nitrate (as N)	2.9	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Sulfate	150	20	20		mg/L	N/A	02/13/09	EPA 300.0
Chromium, Hexavalent	29	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	205	1.0	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-21A	**09-02-1351-11**	**02/12/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	87	50	50		mg/L	N/A	02/13/09	EPA 300.0
Bromide	24	0.50	5		mg/L	N/A	02/13/09	EPA 300.0
Nitrate (as N)	0.90	0.20	2		mg/L	N/A	02/13/09	EPA 300.0
Sulfate	6400	1000	1000		mg/L	N/A	02/13/09	EPA 300.0
Chromium, Hexavalent	1.3	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	2530	10	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	0.16	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-21B	**09-02-1351-12**	**02/12/09**	**Aqueous**

Comment(s): (68) Dilution analysis was performed outside the recommended holding time.

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	44	10	10		mg/L	N/A	02/14/09	EPA 300.0
Bromide	0.21	0.10	1		mg/L	N/A	02/14/09	EPA 300.0
Nitrate (as N) (68)	4.6	0.20	2		mg/L	N/A	02/14/09	EPA 300.0
Sulfate	66	10	10		mg/L	N/A	02/14/09	EPA 300.0
Chromium, Hexavalent	21	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	46	1.0	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

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: 02/13/09
Work Order No: 09-02-1351

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-22A	**09-02-1351-13**	**02/12/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	86	50	50		mg/L	N/A	02/14/09	EPA 300.0
Bromide	2.3	0.10	1		mg/L	N/A	02/14/09	EPA 300.0
Nitrate (as N)	0.34	0.10	1		mg/L	N/A	02/14/09	EPA 300.0
Sulfate	1700	500	500		mg/L	N/A	02/14/09	EPA 300.0
Chromium, Hexavalent	1.2	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	3860	10	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-22B	**09-02-1351-14**	**02/12/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	40	10	10		mg/L	N/A	02/14/09	EPA 300.0
Bromide	ND	0.20	2		mg/L	N/A	02/14/09	EPA 300.0
Nitrate (as N)	2.4	0.20	2		mg/L	N/A	02/14/09	EPA 300.0
Sulfate	11000	2000	2000		mg/L	N/A	02/14/09	EPA 300.0
Chromium, Hexavalent	500	10	10		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	86	1.0	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

Client Sample Number	Lab Sample Number	Date Collected	Matrix
S-23	**09-02-1351-15**	**02/12/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	24	5.0	5		mg/L	N/A	02/14/09	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	02/14/09	EPA 300.0
Nitrate (as N)	1.4	0.10	1		mg/L	N/A	02/14/09	EPA 300.0
Sulfate	340	100	100		mg/L	N/A	02/14/09	EPA 300.0
Chromium, Hexavalent	5.2	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	126	1.0	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

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: 02/13/09
Work Order No: 09-02-1351

Project: 461 8th Street , Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix
Method Blank		**N/A**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	ND	1.0	1		mg/L	N/A	02/13/09	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Nitrate (as N)	ND	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Sulfate	ND	1.0	1		mg/L	N/A	02/13/09	EPA 300.0
Chloride	ND	1.0	1		mg/L	N/A	02/13/09	EPA 300.0
Bromide	ND	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Nitrate (as N)	ND	0.10	1		mg/L	N/A	02/13/09	EPA 300.0
Sulfate	ND	1.0	1		mg/L	N/A	02/13/09	EPA 300.0
Chromium, Hexavalent	ND	1.0	1		ug/L	N/A	02/13/09	EPA 7199
Solids, Total Suspended	ND	1.0	1		mg/L	02/18/09	02/18/09	SM 2540 D
Iron (II)	ND	0.10	1		mg/L	02/13/09	02/13/09	SM3500-FeB

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

Calscience Environmental Laboratories, Inc.

Analytical Report

LABORATORY ID: 09-02-1351

Method: EPA 6010B/SM 3500-FeD (Calculation)
Matrix: Water/Aqueous

CLIENT: Blaine Tech Services, Inc.
PROJECT: 461 8th Street , Oakland, CA

Results

Sample ID	Ferric Iron (Fe+3) mg/L	Dilution Factor	Reporting Limit	Date Extracted	Date Analyzed
S-8	1.79	1	0.10	02/13/09	02/16/09
S-9	1.33	1	0.10	02/13/09	02/16/09
S-10	5.75	1	0.10	02/13/09	02/14/09
S-12	33.5	1	0.10	02/13/09	02/14/09
S-13	7.84	1	0.10	02/13/09	02/14/09
S-14R	5.69	1	0.10	02/13/09	02/14/09
S-17	0.232	1	0.10	02/13/09	02/14/09
S-18	8.08	1	0.10	02/13/09	02/14/09
S-19	8.15	1	0.10	02/13/09	02/16/09
S-20	8.41	1	0.10	02/13/09	02/16/09
S-21A	360.84	1	0.10	02/13/09	02/14/09
S-21B	0.842	1	0.10	02/13/09	02/14/09
S-22A	354.0	1	0.10	02/13/09	02/14/09
S-22B	0.59	1	0.10	02/13/09	02/14/09
S-23	7.84	1	0.10	02/13/09	02/14/09
Reporting Limit:	0.10				

Laboratory Notes

Key: ND=Not Detected at the reporting level, NA=Not applicable

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 02/13/09
Work Order No: 09-02-1351
Preparation: EPA 3010A Total
Method: EPA 6010B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-8	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09**	**090213SA4**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	107	90	80-140	18	0-11	4
Chromium	104	104	86-122	1	0-8	
Nickel	110	91	84-120	18	0-7	4
Iron	121	117	65-149	1	0-21	
Manganese	104	103	86-116	0	0-7	

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: 02/13/09
Work Order No: 09-02-1351
Preparation: EPA 3010A Total
Method: EPA 6010B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-21B	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09**	**090213SA5**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	108	103	80-140	4	0-11	
Chromium	104	100	86-122	4	0-8	
Nickel	111	106	84-120	5	0-7	
Iron	131	122	65-149	3	0-21	
Manganese	107	103	86-116	3	0-7	

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: 02/13/09
Work Order No: 09-02-1351
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-8	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09**	**090223S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	101	88-118	1	0-7	
Carbon Tetrachloride	111	110	67-145	2	0-11	
Chlorobenzene	105	105	88-118	1	0-7	
1,2-Dibromoethane	102	101	70-130	1	0-30	
1,2-Dichlorobenzene	101	101	86-116	0	0-8	
1,1-Dichloroethene	112	110	70-130	1	0-25	
Ethylbenzene	113	111	70-130	1	0-30	
Toluene	107	104	87-123	3	0-8	
Trichloroethene	105	102	79-127	3	0-10	
Vinyl Chloride	95	98	69-129	4	0-13	
Methyl-t-Butyl Ether (MTBE)	104	106	71-131	1	0-13	
Tert-Butyl Alcohol (TBA)	102	100	36-168	3	0-45	
Diisopropyl Ether (DIPE)	113	112	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	108	110	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	107	72-126	0	0-12	
Ethanol	103	101	53-149	2	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: 02/13/09
Work Order No: 09-02-1351
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-02-1474-14	**Aqueous**	**GC/MS RR**	**02/24/09**	**02/24/09**	**090224S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	98	88-118	1	0-7	
Carbon Tetrachloride	107	106	67-145	1	0-11	
Chlorobenzene	100	100	88-118	0	0-7	
1,2-Dibromoethane	100	101	70-130	1	0-30	
1,2-Dichlorobenzene	97	97	86-116	0	0-8	
1,1-Dichloroethene	107	104	70-130	3	0-25	
Ethylbenzene	106	106	70-130	0	0-30	
Toluene	100	99	87-123	0	0-8	
Trichloroethene	99	98	79-127	1	0-10	
Vinyl Chloride	94	89	69-129	5	0-13	
Methyl-t-Butyl Ether (MTBE)	111	107	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	99	94	36-168	6	0-45	
Diisopropyl Ether (DIPE)	109	106	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	111	107	72-126	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	104	72-126	1	0-12	
Ethanol	99	90	53-149	10	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: N/A
Work Order No: 09-02-1351

Project: 461 8th Street , Oakland, CA

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Chloride	EPA 300.0	09-02-1282-3	02/14/09	N/A	114	113	56-134	1	0-3	
Bromide	EPA 300.0	09-02-1282-3	02/14/09	N/A	107	106	74-128	1	0-9	
Nitrate (as N)	EPA 300.0	09-02-1282-3	02/14/09	N/A	115	114	58-142	0	0-6	
Sulfate	EPA 300.0	09-02-1282-3	02/14/09	N/A	118	117	49-133	1	0-3	
Chloride	EPA 300.0	09-02-1317-1	02/13/09	N/A	111	111	56-134	0	0-3	
Bromide	EPA 300.0	09-02-1317-1	02/13/09	N/A	113	112	74-128	0	0-9	
Nitrate (as N)	EPA 300.0	09-02-1317-1	02/13/09	N/A	117	117	58-142	0	0-6	
Sulfate	EPA 300.0	09-02-1317-1	02/13/09	N/A	114	113	49-133	0	0-3	
Chromium, Hexavalent	EPA 7199	S-20	02/13/09	N/A	96	94	70-130	0	0-25	
Iron (II)	SM3500-FeB	S-23	02/13/09	2/13/09	96	98	70-130	3	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

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

Date Received: N/A
Work Order No: 09-02-1351

Project: 461 8th Street , Oakland, CA

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Solids, Total Suspended	SM 2540 D	S-10	02/18/09	87	95	9	0-20	

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:	09-02-1351
San Jose, CA 95112-1105	Preparation:	EPA 3010A Total
	Method:	EPA 6010B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-9,145	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09**	**090213LA4**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	101	96	80-120	5	0-20	
Chromium	102	98	80-120	4	0-20	
Nickel	108	105	80-120	3	0-20	
Iron	107	104	80-120	3	0-20	
Manganese	103	99	80-120	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.		Date Received:	N/A
1680 Rogers Avenue		Work Order No:	09-02-1351
San Jose, CA 95112-1105		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-003-9,146	**Aqueous**	**ICP 5300**	**02/14/09**	**090213-la-4**	**090213LA4F**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Arsenic	0.500	0.505	101	80-120	
Chromium	0.500	0.508	102	80-120	
Nickel	0.500	0.541	108	80-120	
Iron	0.500	0.534	107	80-120	
Manganese	0.500	0.514	103	80-120	

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: 09-02-1351
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-9,143	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09**	**090213LA5**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	102	103	80-120	1	0-20	
Chromium	104	104	80-120	0	0-20	
Nickel	110	110	80-120	0	0-20	
Iron	107	107	80-120	0	0-20	
Manganese	105	104	80-120	0	0-20	

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:	09-02-1351
San Jose, CA 95112-1105	Preparation:	EPA 3005A Filt.
	Method:	EPA 6010B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-9,144	**Aqueous**	**ICP 5300**	**02/13/09**	**02/14/09**	**090213LA5F**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	102	103	80-120	1	0-20	
Chromium	104	104	80-120	0	0-20	
Nickel	110	110	80-120	0	0-20	
Iron	107	107	80-120	0	0-20	
Manganese	105	104	80-120	0	0-20	

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: 09-02-1351
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-1,178	**Aqueous**	**GC/MS RR**	**02/23/09**	**02/23/09**	**090223L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	107	105	84-120	78-126	2	0-8	
Carbon Tetrachloride	115	112	63-147	49-161	3	0-10	
Chlorobenzene	105	105	89-119	84-124	0	0-7	
1,2-Dibromoethane	102	103	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	100	102	89-119	84-124	2	0-9	
1,1-Dichloroethene	120	113	77-125	69-133	6	0-16	
Ethylbenzene	112	111	80-120	73-127	1	0-20	
Toluene	107	105	83-125	76-132	2	0-9	
Trichloroethene	108	107	89-119	84-124	1	0-8	
Vinyl Chloride	108	98	63-135	51-147	9	0-13	
Methyl-t-Butyl Ether (MTBE)	108	108	82-118	76-124	1	0-13	
Tert-Butyl Alcohol (TBA)	95	98	46-154	28-172	2	0-32	
Diisopropyl Ether (DIPE)	115	114	81-123	74-130	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	110	111	74-122	66-130	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	108	76-124	68-132	3	0-10	
Ethanol	93	97	60-138	47-151	4	0-32	
TPPH	98	99	65-135	53-147	1	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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: 09-02-1351
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 461 8th Street , Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-1,185	**Aqueous**	**GC/MS RR**	**02/24/09**	**02/24/09**	**090224L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	101	101	84-120	78-126	0	0-8	
Carbon Tetrachloride	106	108	63-147	49-161	2	0-10	
Chlorobenzene	101	101	89-119	84-124	0	0-7	
1,2-Dibromoethane	100	102	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	99	101	89-119	84-124	2	0-9	
1,1-Dichloroethene	108	108	77-125	69-133	0	0-16	
Ethylbenzene	106	105	80-120	73-127	1	0-20	
Toluene	101	102	83-125	76-132	1	0-9	
Trichloroethene	101	102	89-119	84-124	1	0-8	
Vinyl Chloride	97	96	63-135	51-147	1	0-13	
Methyl-t-Butyl Ether (MTBE)	109	111	82-118	76-124	1	0-13	
Tert-Butyl Alcohol (TBA)	95	98	46-154	28-172	2	0-32	
Diisopropyl Ether (DIPE)	109	111	81-123	74-130	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	111	113	74-122	66-130	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	108	76-124	68-132	1	0-10	
Ethanol	96	90	60-138	47-151	7	0-32	
TPPH	99	96	65-135	53-147	2	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

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: 09-02-1351

Project: 461 8th Street , Oakland, CA

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Chloride	EPA 300.0	099-05-118-5,082	N/A	02/13/09	101	101	81-111	0	0-5	
Bromide	EPA 300.0	099-05-118-5,082	N/A	02/13/09	100	101	85-115	1	0-7	
Nitrate (as N)	EPA 300.0	099-05-118-5,082	N/A	02/13/09	100	101	87-111	1	0-12	
Sulfate	EPA 300.0	099-05-118-5,082	N/A	02/13/09	104	105	89-107	0	0-13	
Chloride	EPA 300.0	099-05-118-5,093	N/A	02/13/09	100	100	81-111	0	0-5	
Bromide	EPA 300.0	099-05-118-5,093	N/A	02/13/09	101	100	85-115	0	0-7	
Nitrate (as N)	EPA 300.0	099-05-118-5,093	N/A	02/13/09	101	101	87-111	0	0-12	
Sulfate	EPA 300.0	099-05-118-5,093	N/A	02/13/09	105	105	89-107	0	0-13	
Chromium, Hexavalent	EPA 7199	099-05-123-2,278	N/A	02/13/09	96	95	80-120	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

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

Date Received: N/A
Work Order No: 09-02-1351

Project: 461 8th Street , Oakland, CA

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron (II)	SM3500-FeB	099-05-111-3,237	02/13/09	02/13/09	1.00	0.993	99	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-02-1351

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 (MS) or Matrix Spike Duplicate (MSD) 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.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
☑ ENV. SERVICES | ☐ MOTIVA RETAIL | ☐ SHELL RETAIL
☐ MOTIVA SD&CM | ☐ CONSULTANT | ☐ LUBES
☐ SHELL PIPELINE | ☐ OTHER _____

Print Bill To Contact Name: Denis Brown
PO #:
INCIDENT # (ENV SERVICES): 97093993
☐ CHECK IF NO INCIDENT # APPLIES
SAP #:
DATE: 02-12-09
PAGE: 1 of 2

SAMPLING COMPANY: Blaine Tech Services
LOG CODE: BTSS
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata
TELEPHONE: (408)573-0555 | FAX: (408)573-7771 | E-MAIL: mninokata@blainetech.com

SITE ADDRESS: Street and City: 461 8th St., Oakland
State: CA
GLOBAL ID NO.: T0600101263
EDF DELIVERABLE TO (Name, Company, Office Location): Anni Kreml, CRA, Emeryville Office
PHONE NO.: 510-420-3335
E-MAIL: shelledf@craworld.com
CONSULTANT PROJECT NO.: C902R-MJ1
BTS #:
SAMPLER NAME(S) (Print): M. Todi, R. McCarthy, C. Morgan
LAB USE ONLY: 09-02-1351

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND
☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
Metals analyses to be run Total and Dissolved. One field filtered and one non field filtered HNO3 poly provided.
See attachment for methods and metals list
SHORT HOLDS

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	EDTA	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	MTBE (8260B)	EDB (8260B)	EDC (8260B)	Nitrate, Sulfate, Chloride	Bromide, Ferrous Iron	Chromium VI	Ferric (total) Iron, Manganese	Arsenic, Nickel, Chromium	Total Suspended Solids	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	S-8	02-12-09	1345	W	3	2		2		7	X	X				X	X	X	X	X	X	
2	S-9		1417								X	X				X	X	X	X	X	X	
3	S-10		1305								X	X				X	X	X	X	X	X	
4	S-12		1315								X	X				X	X	X	X	X	X	
5	S-13		1516								X	X				X	X	X	X	X	X	
6	S-14R		1431								X	X				X	X	X	X	X	X	
7	S-17		1500								X	X				X	X	X	X	X	X	
8	S-18		1540								X	X				X	X	X	X	X	X	
9	S-19		1446								X	X				X	X	X	X	X	X	
10	S-20		1542								X	X				X	X	X	X	X	X	

Relinquished by: (Signature)	Received by: (Signature)	Date: 02-12-09	Time: 1745
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) Shipped via DHL 5112 74623	Received by: (Signature)	Date: 2/13/09	Time: 1030

05/2/06 Revision

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 7 0 9 3 3 9 9 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 02-12-09

PAGE: 2 of 2

PO #:

SAP #:

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112	
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata	
TELEPHONE: (408)573-0555	FAX: (408)573-7771
E-MAIL: mninokata@blainetech.com	
SITE ADDRESS: Street and City: 461 8th St., Oakland	State: CA
GLOBAL ID NO.: T0600101263	
EDF DELIVERABLE TO (Name, Company, Office Location): Anni Kreml, CRA, Emeryville Office	PHONE NO.: 510-420-3335
E-MAIL: shelledf@craworld.com	CONSULTANT PROJECT NO.: 090212-MM1
BTS #	
SAMPLER NAME(S) (Print): M. Todi, R. McCarthy, C. Morash	LAB USE ONLY: 09-02-135

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
Metals analyses to be run Total and Dissolved. One field filtered and one non field filtered HNO3 poly provided.

See attachment for methods and metals list
SHORT HOLDS

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	EDTA	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	MTBE (8260B)	EDB (8260B)	EDC (8260B)	Nitrate, Sulfate, Chloride	Bromide, Ferrous Iron	Chromium VI	Ferric (total) Iron, Manganese	Arsenic, Nickel, Chromium	Total Suspended Solids	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
11	S-21A	02-12-09	1609	W	3	2		2		7												
12	S-21B	"	1500	"	"	"		"		"												
13	S-22A	"	1605	"	"	"		"		"												
14	S-22B	"	1529	"	"	"		"		"												
15	S-23	"	1403	"	"	"		"		"												

Relinquished by: (Signature)	Received by: (Signature)	Date: 02-12-09	Time: 1745
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: 2/13/09	Time: 1030

05/2/06 Revision

1351

- TPHg (EPA Method 8260B);
- Benzene, ethylbenzene, toluene, xylenes (BTEX) (EPA Method 8260B);
- Nitrate (EPA Method 300 series) ;
- Sulfate (EPA Method 300 series);
- Chloride (EPA Method 300 series);

Total and Dissolved Metals;

- Bromide (EPA Method 300 series);
- Ferrous and Ferric Iron (EPA Method 300 series);
- Manganese (Mn) (EPA Method 6000/7000 series);
- Arsenic (As) (EPA Method 6000/7000 series);
- Nickel (Ni) (EPA Method 6000/7000 series);
- Chromium (Cr), Total (EPA Method 6000/7000 series);
- Chromium VI (EPA Method 6000/7000 series);

- Total Suspended Solids;

Rodel Martin

From: Philip Sanelle
Sent: Friday, February 13, 2009 12:10 PM
To: Rodel Martin
Subject: Page 2 of 2

461 8th St
ed COC page

Philip Sanelle

Assistant Project Manager
Calscience Environmental
Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427
Tel.: 714-895-5494
Fax : 714-894-7501
PSanelle@calscience.com

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 7 0 9 3 3 9 9 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 02-12-09

PO #:

SAP #:

PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

SITE ADDRESS: Street and City: 461 8th St., Oakland

State: CA

GLOBAL ID NO.: T0600101263

ADDRESS: 1680 Rogers Ave, San Jose, CA 95112

EDF DELIVERABLE TO (Name, Company, Office Location): Anni Kreml, CRA, Emeryville Office

PHONE NO.: 510-420-3335

E-MAIL: shelledf@craworld.com

CONSULTANT PROJECT NO.: 140212-M11

BTS #:

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

TELEPHONE: (408)573-0555

FAX: (408)573-7771

E-MAIL: mninokata@blainetech.com

SAMPLER NAME(S) (Print): M. Todd, R. McCarthy, C. Morash

LAB USE ONLY: 09-02-1357

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
Metals analyses to be run Total and Dissolved. One field filtered and one non field filtered HNO3 poly provided.
See attachment for methods and metals list
SHORT HOLDS

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	EDTA	NO. OF CONT.	TPH - Purgeable (8260B)	BTEX (8260B)	MTBE (8260B)	EDB (8260B)	EDC (8260B)	Nitrate, Sulfate, Chloride	Bromide, Ferrous Iron	Chromium VI	Ferric (total) Iron, Manganese	Arsenic, Nickel, Chromium	Total Suspended Solids	Container PID Readings or Laboratory Notes
11	S-21A	02-12-09	1600	W	3	2		2		7	X	X				X	X	X	X	X	X	
12	S-21B	"	1500	"	"	"	"	"	"	"	X	X				X	X	X	X	X	X	
13	S-22A	"	1605	"	"	"	"	"	"	"	X	X				X	X	X	X	X	X	
14	S-22B	"	1519	"	"	"	"	"	"	"	X	X				X	X	X	X	X	X	
15	S-23	"	1403	"	"	"	"	"	"	"	X	X				X	X	X	X	X	X	

COC

Relinquished by: (Signature)	Received by: (Signature)	Date: 02-12-09	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-02-1351

SAMPLE RECEIPT FORM

Cooler 1 **of** 2

CLIENT: Blaine Tech **DATE:** 02/13/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 1.6 °C - 0.2 °C (CF) = 1.4 °C ☐ **Blank** ☑ **Sample**

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** JP

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** JP

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** SO

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	☑	☐	☐
COC document(s) received complete.....	☐	☑	☐
Sampler's name indicated on COC.....	☑	☐	☐
Sample container label(s) consistent with COC.....	☑	☐	☐
Sample container(s) intact and good condition.....	☑	☐	☐
Correct containers and volume for analyses requested.....	☑	☐	☐
Analyses received within holding time.....	☑	☐	☐
Proper preservation noted on COC or sample container.....	☑	☐	☐
Volatile analysis container(s) free of headspace.....	☑	☐	☐
Tedlar bag(s) free of condensation.....	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑VOAh (3) ☐$VOAna_2$ ☐125AGB ☐125AGBh ☐$125AGBpo_4$ ☐1AGB ☐$1AGBna_2$ ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☑1PB ☑500PB ☐500PBna ☐250PB ☑250PBn (2) ☐125PB ☐125PBznna ☐100PBsterile ☐$100PBna_2$ ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Checked/Labeled by: SO

Reviewed by: RM

Scanned by: SO

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-02-1351

SAMPLE RECEIPT FORM

Cooler 2 **of** 2

CLIENT: Blaine Tech **DATE:** 02/13/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 1.9 °C - 0.2 °C (CF) = 1.7 °C ☐ **Blank** ☑ **Sample**

☐ Sample(s) outside temperature criteria (PM/APM contacted by:_____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** AP

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** AP

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** SO

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	☑	☐	☐
COC document(s) received complete.....	☐	☑	☐
Sampler's name indicated on COC.....	☑	☐	☐
Sample container label(s) consistent with COC.....	☑	☐	☐
Sample container(s) intact and good condition.....	☑	☐	☐
Correct containers and volume for analyses requested.....	☑	☐	☐
Analyses received within holding time.....	☑	☐	☐
Proper preservation noted on COC or sample container.....	☑	☐	☐
Volatile analysis container(s) free of headspace.....	☑	☐	☐
Tedlar bag(s) free of condensation.....	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑3 VOAh ☐$VOAna_2$ ☐125AGB ☐125AGBh ☐$125AGBpo_4$ ☐1AGB ☐$1AGBna_2$ ☐1AGBs ☐500AGB ☐500AGBs ☐250CGB ☐250CGBs ☑1PB ☑500PB ☐500PBna ☐250PB ☑2 250PBn ☐125PB ☐125PBznna ☐100PBsterile ☐$100PBna_2$ ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO_3 na_2:$Na_2S_2O_3$ na:NaOH po_4:H_3PO_4 s:H_2SO_4 znna:$ZnAc_2$+NaOH

Checked/Labeled by: SO

Reviewed by: AH

Scanned by: SO

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-02-1351

SAMPLE ANOMALY FORM

CHAIN OF CUSTODY (COC):

- ☐ **Not relinquished by client** – no signature
- ☐ **No date/time relinquished**
- ☐ **COC not received with samples** – notify PM
- ☑ **Incomplete information regarding samples, tests, etc.**

Comments:
(-11) through (-15)
no requested analysis

SAMPLES - CONTAINERS & LABELS:

- ☐ **Samples NOT RECEIVED but listed on COC**
- ☐ **Samples received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s) used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☐ **Sample labels do not match COC** – Note in comments
  - ☐ **Sample ID**
  - ☐ **Date and/or Time Collected**
  - ☐ **Project Information**
  - ☐ **# of containers**
- ☐ **Sample containers compromised** – Note in comments
  - ☐ **Leaking**
  - ☐ **Broken**
  - ☐ **Without Labels**
- ☐ **Other:** _____

Comments:

HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of RSK or CO_2 or DO or Organic Lead Received

Comments: _____

Initial / Date SO 12.13.09

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 4161 8th St. Oakland CA Date 12/18/03

Job Number 081218-J01 Technician SD JKM 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-8	X	X							
S-9	X	X							
S-10	X	X							
S-12	X	X							
S-13	X	X							
S-14R	X	X							
S-19	X	X							
S-21A	X	X							
S-21B	X	X							
S-22A	X	X							
S-22B	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 # 081218-307 Date 12/18/08 Client Shell

Site 461 8th St. Oakland CA.

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-8	925	4					23.31	29.15		2
S-9	929	4					22.81	29.80		3
S-10	932	4					24.00	36.70		1
S-12	952	4					24.81	34.25		4
S-13	948	4					23.61	32.50		5
S-14R	958 1000	4					22.80	34.63		
S-19	1000	4					22.60	34.65		
S-21A	1009	4					23.91	26.20		
S-21B	1009	4					23.72	39.15		
S-22A	935	4					23.03	26.20		
S-22B	937	4					23.26	39.65		

SHELL WELL MONITORING DATA SHEET

BTS #: 081218-JD1	Site: 97093399
Sampler: JD	Date: 12/18/08
Well I.D.: S-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 29.15	Depth to Water (DTW): 23.31
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]: 24.48	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

3.8 (Gals.) X	3	=	11.4 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
1117	19.6	6.50	462	70	3.8	
1118	19.6	6.51	483	101	7.6	
1119	19.7	6.56	494	328	11.4	

Did well dewater? Yes (No) Gallons actually evacuated: 11.4

Sampling Date: 12/18/08 Sampling Time: 1410 Depth to Water: 23.57

Sample I.D.: S-8 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

SHELL WELL MONITORING DATA SHEET

BTS #: 081218-S01	Site: 97093399
Sampler: SO	Date: 12/18/08
Well I.D.: S-9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 29.80	Depth to Water (DTW): 22.81
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]: 24.21	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

4.5 (Gals.) X 3 = 13.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1136	19.1	6.44	571.	83	4.5	
1137	19.4	6.42	588	25	9.0	
1138	19.4	6.43	604	55	13.5	

Did well dewater? Yes (No) Gallons actually evacuated: 13.5

Sampling Date: 12/18/08 Sampling Time: 1435 Depth to Water: 22.86

Sample I.D.: S-9 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

SHELL WELL MONITORING DATA SHEET

BTS #: 081218-001	Site: 97093399
Sampler: JD	Date: 12/18/08
Well I.D.: S-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 36.70	Depth to Water (DTW): 24.00
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]: 28.54	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / X Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other____

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

1 Case Volume	Specified Volumes	Calculated Volume
8.25 (Gals.) X	3	= 24.75 Gals.

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
1101	18.0	6.41	1288	133	8.25	Brown
1103	19.0	6.46	1203	82	16.50	clear
1105	19.1	6.50	1187	141	24.75	clear

Did well dewater? Yes (No) Gallons actually evacuated: 24.75

Sampling Date: 12/18/08 Sampling Time: 1325 Depth to Water: 23.77

Sample I.D.: S-10 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

SHELL WELL MONITORING DATA SHEET

BTS #: 081218-J01	Site: 97093397
Sampler: JD	Date: 12/18/08
Well I.D.: S-12	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 34.25	Depth to Water (DTW): 24.81
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]: 26.70	

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

Sampling Method: ~~Bailer~~ / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

6.13 (Gals.) X 3 = 18.39 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1150	18.9	6.69	331	1000 <	6.13	Brown
1152	19.1	6.73	373	1000 <	12.26	↓
1154	19.3	6.78	369	1000 <	18.39	↓

Did well dewater? Yes (No) Gallons actually evacuated: ~~6~~ 18.39

Sampling Date: 12/18/08 Sampling Time: 14:11 Depth to Water: 24.85

Sample I.D.: S-12 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

SHELL WELL MONITORING DATA SHEET

BTS #: 081218 - JD2	Site: 97093399
Sampler: JD	Date: 12/18/08
Well I.D.: S-13	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 32.50	Depth to Water (DTW): 23.61
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]: 25.39	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

5.8 (Gals.) X 3 = 17.4 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
1202	18.6	6.77	380	1000<	5.8	grey
1203	19.0	6.78	395	1000<	11.6	↓
1205	19.5	6.81	366	1000<	17.4	↓

Did well dewater? Yes (No) Gallons actually evacuated: 17.4

Sampling Date: 12/18/08 Sampling Time: 1335 Depth to Water: 23.71

Sample I.D.: S-13 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

SHELL WELL MONITORING DATA SHEET

BTS #: 081218-JO1	Site: 97093399
Sampler: JO	Date: 12/18/08
Well I.D.: S-14R	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 34.63	Depth to Water (DTW): 22.80
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]: 25.17	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

7.7 (Gals.) X 3 = 23.1 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1217	19.1	6.79	830	154	7.7	
1219	19.8	6.82	749	149	15.4	
1221	20.0	6.85	740	145	23.1	

Did well dewater? Yes (No) Gallons actually evacuated: 23.1

Sampling Date: 12/18/08 Sampling Time: 1440 Depth to Water: 22.00

Sample I.D.: S-14R 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

SHELL WELL MONITORING DATA SHEET

BTS #: 081218-JO2	Site: 97093399
Sampler: JO	Date: 12/18/08
Well I.D.: S-19	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 34.65	Depth to Water (DTW): 22.60
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]: 25.01	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; ☒ Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: ☒ Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

7.8 (Gals.) X	3	=	23.4 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1030	19.7	7.29	605	106	7.8	
1032	20.1	7.31	637	518	15.6	
1034	20.2	7.34	582	599	23.4	

Did well dewater? Yes (No) Gallons actually evacuated: 23.4

Sampling Date: 12/18/08 Sampling Time: 1500 Depth to Water: 22.69

Sample I.D.: S-19 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

SHELL WELL MONITORING DATA SHEET

BTS #: 081218-SD1	Site: 97093399
Sampler: SD	Date: 12/18/08
Well I.D.: S-21A	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 26.20	Depth to Water (DTW): 23.91
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]: 24.37	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; ☒ Electric Submersible; Waterra Peristaltic; Extraction Pump; Other_____

Sampling Method: ~~Bailer~~; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1.5

1.48 (Gals.) X 3 = 4.5 Gals.

1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1045	17.6	4.31	4570	1000<		
1047	17.8	4.22	5054	1000<		
1048	17.7	4.25	5434	1000<		

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 12/18/08 Sampling Time: 15:20 Depth to Water: 23.91

Sample I.D.: S-21A 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

SHELL WELL MONITORING DATA SHEET

BTS #: 081218-JO1	Site: 97093399
Sampler: JD	Date: 12/18/08
Well I.D.: S-21B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 39.15	Depth to Water (DTW): 23.72
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]: 26.81	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: ✓ Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

10.0 (Gals.) X	3	=	30 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1055	18.7	11.00	1072	90	10.0	
			Dewatered @ 15		20.0	gallons
					30.0	
1520	18.7	10.88	1081	91	—	

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

Sampling Date: 12/18/08 Sampling Time: 15:00 Depth to Water: 23.81

Sample I.D.: S-21B 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

SHELL WELL MONITORING DATA SHEET

BTS #: 081218-002	Site: 97093399
Sampler: JO	Date: 12/18/08
Well I.D.: S-22A	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 26.20	Depth to Water (DTW): 23.03
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]: 23.6C	

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

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

2.0 (Gals.) X 3 = 6.0 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
00 1257	17.8	9.16	322	1000 <	2.0	Brown / silty
24 1257	18.0	9.11	323	1000 <	4.0	↓
1258	17.9	9.11	322	1000 <	6.0	↓

Did well dewater? Yes (No) Gallons actually evacuated: 6.0

Sampling Date: 12/18/08 Sampling Time: 1540 Depth to Water: 23.71

Sample I.D.: S-22A 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

SHELL WELL MONITORING DATA SHEET

BTS #: 081218-JO2	Site: 97093399
Sampler: JO	Date: 12/18/08
Well I.D.: S-22B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 39.65	Depth to Water (DTW): 23.26
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]: 26.54	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: ~~Bailer~~; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

10.7 (Gals.) X 3 = 32.1 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1242	19.2	8.86	282	237	10.7	
1244	19.8	8.88	289	375	21.4	
1246	19.9	8.91	335	535	32.1	

Did well dewater? Yes (No) Gallons actually evacuated: 32.1

Sampling Date: 12/18/08 Sampling Time: 1520 Depth to Water: 23.31

Sample I.D.: S-22B 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

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 461 8th STREET, OAKLAND Date 1/5/09

Job Number 090105-WW1 Technician WW, IW 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	X					X	BELOW GRADE
S-5								X	NO TAG
S-6								X	NOT MARKED MONITORING WELL
S-8	X	X							
S-9	X	X			X				
S-10	X	X							
S-12	X	X							
S-13	X	X							
S-14R							X		NO TAG
S-17				X				X	NO TAG
S-18				X				X	NO TAG
S-19							X		NO TAG
S-20	X	X					X		NO METAL TAG / ALAMEDA CO. TAG PRESENT
S-21A							X		NO TAG
S-21B							X		NO TAG
S-22A							X		NO TAG
S-22B							X		NO TAG
S-23	X	X					X		NO METAL TAG / ALAMEDA CO. TAG

*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 # 090105-WW1 Date 1/5/09 Client SHELL

Site 461 8th STREET, 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	0825	4					20.92	28.71		
S-5	1110	4					16.71	30.48		CONFINED SPACE Tr
S-6	1015	4		NO SPH DETECTED			21.66	34.85		TR SPH
S-8	0834	4					23.28	29.14		X
I S-9	0838	4					22.75	29.80		X
S-10	0831	4					23.87	35.97		X
I S-12	0845	4					24.75	34.25		X
I S-13	0840	4					23.54	32.65		X
I S-14R	0824	4					22.80	34.40		X
I S-17	0845	2					23.66	34.55		
I S-18	0838	2					23.16	34.54		
I S-19	0852	4					22.56	34.50		X
S-20	0858	4	ODOR				22.78	34.72		
I S-21A	0829	4					23.78	26.33		X
I S-21B	0826	4					23.70	39.28		X
I S-22A	0815	4					23.03	26.24		X
I S-22B	0820	4					23.12	39.66		X
S-23	0844	4	ODOR				23.51	34.51		

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.71	Depth to Water (DTW): 20.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.48	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other ___

Sampling Method:
- X Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ___

5.0 (Gals.) X 3 = 15 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1116	58.3	7.04	334	613	5.0	ODOR
1117	WELL	DEWATERED AT	6.0gal	6.0	DTW = 27.02	
1127	57.9	6.96	377	408	GRAB	

Did well dewater? (Yes) No Gallons actually evacuated: 6.0

Sampling Date: 1/5/09 Sampling Time: 1127 Depth to Water: 22.40

Sample I.D.: S-4 Laboratory: STL Other CAL SCIENCE

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 30.48	Depth to Water (DTW): 16.71
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]: 19.46	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ___

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ___

9.0 (Gals.) X	3	= 27.0 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0923	62.3	6.85	1184	697	9	odor
0924	66.1	6.57	960	>1000	18	"
WELL DEWATERED @ 18 GALLONS						
0930	62.4	6.62	919	732	GRAB	

Did well dewater? (Yes) No Gallons actually evacuated: 18

Sampling Date: 1/5/09 Sampling Time: 0930 Depth to Water: 18.51 (Traffic)

Sample I.D.: S-6 Laboratory: STL Other CAL SCIENCE

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.85	Depth to Water (DTW): 21.64
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]: 24.30	

Purge Method: Bailer / Disposable Bailer / X Positive Air Displacement / X Electric Submersible (IW) / Waterra / Peristaltic / Extraction Pump / Other ____

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

8.6 (Gals.) X	3	= 25.8 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
	ES DROPPED → OBSTRUCTION @				~ 20.25	ES
	CANNOT PASS. PAD			DROPPED		
1032	60.5	6.94	728	135	8.6	STRONG ODOR
1041	62.8	6.73	674	61	17.2	"
1050	62.5	6.76	698	49	25.8	"

Did well dewater? Yes (No) Gallons actually evacuated: 25.8

Sampling Date: 1/5/09 Sampling Time: 1055 Depth to Water: 21.89

Sample I.D.: S-6 Laboratory: STL Other CAL SCIENCE

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 29.14	Depth to Water (DTW): 23.28
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]: 24.45	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: ~~X Bailer~~; X Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

3.80 (Gals.) X	3	=	11.4 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1028	62.3	6.64	494	152	3.8	
1029	65.7	6.26	469	80	7.6	
1030	65.4	6.27	461	83	11.4	

Did well dewater? Yes (No) Gallons actually evacuated: 11.4

Sampling Date: 1/5/09 Sampling Time: 1532 Depth to Water: 23.80 (WAITED)

Sample I.D.: S-8 Laboratory: STL Other CAL SCIENCE

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

PILOT STUDY

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 29.80	Depth to Water (DTW): 22.75
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]: 24.16	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- ✗ Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other ___

Sampling Method:
- ~~✗ Bailer~~
- ✗ Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ___

4.6 (Gals.) X 3 = 13.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1045	60.8	6.48	501	186	4.6	
1046	64.6	6.18	792	48	9.2	
1049	64.3	6.09	791	35	13.8	

Did well dewater? Yes (No) Gallons actually evacuated: 13.8

Sampling Date: 1/5/09 Sampling Time: 1515 Depth to Water: WATER 22.86

Sample I.D.: S-9 Laboratory: STL Other CAL SCIENCE

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

PILOT STUDY

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 35.97	Depth to Water (DTW): 23.87
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]: 26.29	

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

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

7.9 (Gals.) X	3	= 23.7 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
30 1007	63.9	5.62	1371	133	7.9	
45 1010	66.0	5.99	1280	139	15.8	
1012	65.7	6.21	1153	325	23.7	

Did well dewater? Yes (No) Gallons actually evacuated: 23.7

Sampling Date: 1/5/09 Sampling Time: ~~1015~~ 1015 (VW) Depth to Water: ~~26.29~~ (final) 23.87 (2HR)

Sample I.D.: S-10 Laboratory: STL Other CAL SCIENCE

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

PILOT STUDY

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-12	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.25	Depth to Water (DTW): 24.75
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]: 26.65	

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

Sampling Method: ~~X Bailer~~ (SW) / X Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

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

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1055	63.3	6.94	376	>1000	6.2	
1056	66.0	6.75	355	>1000	12.4	
1057	66.4	6.67	411	>1000	18.6	

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

Sampling Date: 1/5/09 Sampling Time: 1350 Depth to Water: 26.22

Sample I.D.: S-12 Laboratory: STL Other CAL SCIENCE

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

P1407 STUDY

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-13	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 32.65	Depth to Water (DTW): 23.54
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]: 25.36	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: ~~X Bailer~~; X Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

5.9 (Gals.) X	3	= 17.7 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1108	64.0	6.82	399	762	5.9	
1109	65.8	6.41	425	611	11.8	
1112	66.8	6.49	448	>1000	17.7	odor

Did well dewater? Yes (No) Gallons actually evacuated: 17.7

Sampling Date: 1/5/09 Sampling Time: 1525 Depth to Water: 23.68

Sample I.D.: S-13 Laboratory: STL Other CAL SCIENCE

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

PS

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-14R	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.40	Depth to Water (DTW): 22.30
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]: 25.12	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- (✓) Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other ____

Sampling Method:
- ~~X Bailer~~ (Inc)
- X Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ____

7.5 (Gals.) X 3 = 22.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
7.5 1317	62.6	6.89	591	593	7.5	
1319	65.1	6.76	596	693	15	
15 1320	66.1	6.94	518	857	22.5	

Did well dewater? Yes (No) Gallons actually evacuated: 22.5

Sampling Date: 1/5/09 Sampling Time: 1325 Depth to Water: 25.12

Sample I.D.: S-14R Laboratory: STL Other CAL SCIENCE

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

PS

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-17	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 34.55	Depth to Water (DTW): 23.66
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]: 25.84	

Purge Method: X Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

1.7 (Gals.) X	3 =	5.1 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1120	62.7	6.62	384	>1000	1.7	
1122	63.2	6.37	384	>1000	3.4	
1124	64.0	6.45	381	>1000	5.1	

Did well dewater? Yes (No) Gallons actually evacuated: 5.1

Sampling Date: 1/5/09 Sampling Time: 1129 Depth to Water: 23.98

Sample I.D.: S-17 Laboratory: STL Other CAL SCIENCE

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

STD

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-18	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 34.54	Depth to Water (DTW): 23.16
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]: 25.44	

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

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

1.2 (Gals.) X	3	= 5.4 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
1249	60.9	6.48	485	>1000	1.8	odor
1252	64.2	6.43	517	>1000	3.6	"
1255	64.9	6.63	483	>1000	5.4	"

Did well dewater? Yes (No) Gallons actually evacuated: 5.4

Sampling Date: 1/5/09 Sampling Time: 1300 Depth to Water: 24.10

Sample I.D.: S-18 Laboratory: STL Other CAL SCIENCE

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

STD

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-19	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.50	Depth to Water (DTW): 22.56
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]: 24.95	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; X Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

7.8 (Gals.) X	3	= 23.4 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1355	63.5	6.54	610	499	7.8	
1356	65.9	6.74	612	>1000	15.6	
1357	66.2	7.29	569	>1000	23.4	

Did well dewater? Yes (No) Gallons actually evacuated: 23.4

Sampling Date: 1/5/09 Sampling Time: 1402 Depth to Water: 24.95

Sample I.D.: S-19 Laboratory: STL Other CAL SCIENCE

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

PS

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-21A	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 26.33	Depth to Water (DTW): 23.78
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]: 24.29	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other ____

Sampling Method:
- ~~X Bailer~~
- X Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ____

1.7 (Gals.) X 3 = 5.1 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1438	57.3	6.91	1163	489	1.7	
1439	58.0	6.96	1162	522	3.4	
1442	58.0	6.97	1161	508	5.1	

Did well dewater? Yes (No) Gallons actually evacuated: 5.1

Sampling Date: 1/5/09 Sampling Time: 1447 Depth to Water: 24.08

Sample I.D.: S-21A Laboratory: STL Other CAL SCIENCE

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

PS

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-21B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 39.28	Depth to Water (DTW): 23.70
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]: 26.82	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other: ____

Sampling Method:
- ~~X Bailer~~ (IW)
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ____

10 (Gals.) X	3	= 30 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1255	62.5	8.58	551	73	10	
1256	WELL DEWATERED			AT 15gal	15	DTW = 33.66
1435	61.2	7.42	611	81	GRAB	

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

Sampling Date: 1/5/09 — Sampling Time: 1435 — Depth to Water: WAITED 23.85

Sample I.D.: S-21B — Laboratory: STL Other CAL SCIENCE

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

PS

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-22A	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 26.24	Depth to Water (DTW): 23.03
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]: 23.67	

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

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

2.1 (Gals.) X	3	=	6.3 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
1335	66.1	6.52	2648	>1000	2.1	STRONG ODOR
1340	69.1	5.67	2442	>1000	4.2	"
1344	69.3	5.65	2379	>1000	6.3	" DTW=23.96

Did well dewater? Yes (No)		Gallons actually evacuated: 6.3	
Sampling Date: 1/5/09	Sampling Time: 1350	Depth to Water: 23.42	
Sample I.D.: S-22A		Laboratory: STL Other CAL SCIENCE	
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

(PS)

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-22B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 39.66	Depth to Water (DTW): 23.12
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]: 26.43	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other ____

Sampling Method:
- ~~IW ~~X Bailer~~~~
- X Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: ____

11 (Gals.) X 3 = 33 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
1415	65.0	6.06	430	54	11	ODOR
1417	67.1	5.98	1625	489	22	"
1419	67.4	6.02	1608	561	33	" DTW = 30.50

Did well dewater? Yes (No) Gallons actually evacuated: 33

Sampling Date: 1/5/09 Sampling Time: 1455 Depth to Water: WAITED 23.66

Sample I.D.: S-22B Laboratory: STL Other CAL SCIENCE

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

DS

SHELL WELL MONITORING DATA SHEET

BTS #: 090105-WW-1	Site: 461 8th STREET, OAKLAND
Sampler: WW, IW	Date: 1/5/09
Well I.D.: S-23	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 34.51	Depth to Water (DTW): 23.51
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]: 25.71	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other _____

Sampling Method:
- X Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

7.2 (Gals.) X	3	=	21.6 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1313	66.2	6.83	1187	617	7.2	
1314	69.4	7.34	1701	608	14.4	
1316	69.7	7.29	1659	580	21.6	DTW = 26.14

Did well dewater? Yes (No) Gallons actually evacuated: 21.6

Sampling Date: 1/5/09 Sampling Time: 1322 Depth to Water: 25.50

Sample I.D.: S-23 Laboratory: STL Other CAL SCIENCE

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

STD

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 461 8TH ST. Date 1/15/09

Job Number 090115-WW1 Technician WW, JP 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-8	X	X							
S-9	X	X							
S-10	X	X							
S-12	~~X~~	~~X~~						X	NO TAG
S-13								X	NO TAG
S-14R								X	NO TAG
S-17								X	NO TAG
S-18								X	NO TAG
S-19								X	NO TAG
S-21A								X	NO TAG
S-21B								X	NO TAG
S-22A								X	NO TAG PO
S-22B								X	NO TAG PO

*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 # 090115-WW1 Date 1/15/09 Client SHELL

Site 461 8TH ST. / OAKLAND, CA

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-8	0840	4					23.05	29.13		
S-9	0834	4					22.37	29.48		
S-10	0812	4					23.66	35.93		
S-12	0820	4					24.54	34.30		
S-13	0829	4	ODOR				23.10	32.29		
S-14R	0836	4	ODOR				22.57	34.30		
S-17	0842	2					23.37	34.55		
S-18	0830	2					22.97	34.71		
S-19	0835	4					22.31	34.51		
S-21A	0852	4					~~23.46~~ 23.53	26.29		
S-21B	0859	4					~~23.53~~ 23.43 @	~~26.29~~ 39.51 @		
S-22A	1220	4					22.84	26.23		PC
S-22B	1221	4					22.90	39.68		PC

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST., OAKLAND, CA
Sampler: WW, JP	Date: 1/15/09
Well I.D.: S-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 29.13	Depth to Water (DTW): 23.05
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]: 24.27	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other ____

Sampling Method:
- ~~Bailer~~ (WW)
- (Disposable Bailer)
- Extraction Port
- Dedicated Tubing
- Other: ____

4.0 (Gals.) X 3 = 12.0 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp ~~(°F)~~ °C (WW)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0913	17.4	5.39	534	167	4	
0914	19.2	5.56	472	114	8	
0915	19.5	5.75	461	95	12	

Did well dewater? Yes (No) Gallons actually evacuated: 12

Sampling Date: 1/15/09 Sampling Time: 1350 Depth to Water: 23.10

Sample I.D.: S-8 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST., OAKLAND, CA
Sampler: WW, JP	Date: 1/15/09
Well I.D.: S-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 29.48	Depth to Water (DTW): 22.37
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]: 23.79	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (X) Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (X) Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

4.6 (Gals.) X	3	= 13.8 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1222	70.4	7.77	916	134	4.6	
1223	70.3	7.38	909	96	9.2	
1224	70.3	7.18	905	59	13.8	

Did well dewater? Yes (No) Gallons actually evacuated: 13.8

Sampling Date: 1/15/09 Sampling Time: 1300 Depth to Water: 22.37

Sample I.D.: S-9 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST., OAKLAND, CA
Sampler: WW, JP	Date: 1/15/09
Well I.D.: S-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 35.93	Depth to Water (DTW): 23.66
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]: 26.11	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

8.0 (Gals.) X	3	= 24.0 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	~~°C~~ (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0929	~~14.5~~ 66.6	6.30	1285	206	8	
0930	68.3	6.44	1267	211	16	
0931	68.4	6.69	1160	356	24	

Did well dewater? Yes (No) Gallons actually evacuated: 24

Sampling Date: 1/15/09 Sampling Time: 1430 Depth to Water: 23.66

Sample I.D.: S-10 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST., OAKLAND, CA
Sampler: WW, JP	Date: 1/15/09
Well I.D.: S-12	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.30	Depth to Water (DTW): 24.54
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]: 26.49	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

6.3 (Gals.) X	3	= 18.9 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0943	67.2	7.23	431	>1000	6.3	
0944	68.4	7.03	347	>1000	12.6	
0945	68.3	6.90	348	>1000	18.9	

Did well dewater? Yes (No) Gallons actually evacuated: 18.9

Sampling Date: 1/15/09 Sampling Time: 1420 Depth to Water: 24.61

Sample I.D.: S-12 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST., OAKLAND, CA
Sampler: WW, JP	Date: 1/15/09
Well I.D.: S-13	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 32.29	Depth to Water (DTW): 23.10
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]: 24.94	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

6.0 (Gals.) X	3 =	18.0 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1046	70.2	6.93	415.4	203	6.0	
1047	70.0	6.46	436.3	322	12.0	ODOR
1048	69.9	6.48	399.1	>1000	18	

Did well dewater? Yes (No)		Gallons actually evacuated: 18	
Sampling Date: 1/15/09	Sampling Time: 1405	Depth to Water: 23.12	
Sample I.D.: S-13		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

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST., OAKLAND, CA
Sampler: WW, JP	Date: 1/15/09
Well I.D.: S-14R	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.30	Depth to Water (DTW): 22.57
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]: 24.92	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

7.6 (Gals.) X 3 = 22.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
15 1242	69.3	6.96	1245	114	7.6	
30 1243	69.7	6.82	1212	200	15.2	
45 1244	69.1	6.98	1248	240	22.8	

Did well dewater? Yes (No) Gallons actually evacuated: 22.8

Sampling Date: 1/15/09 Sampling Time: 1335 Depth to Water: 22.77

Sample I.D.: S-14R 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST.
Sampler: WW, JP	Date: 1/15/09
Well I.D.: S-17	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 34.55	Depth to Water (DTW): 23.37
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]: 25.61	

Purge Method:
- Bailer
- X Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method:
- Bailer
- X Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

1.8 (Gals.) X 3 = 5.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1014	69.9	6.82	405	>1000	1.8	
1016	70.0	6.72	382	>1000	3.6	odor
1020	69.4	6.75	335	>1000	5.4	

Did well dewater? Yes (No) Gallons actually evacuated: 5.4

Sampling Date: 1/15/09 Sampling Time: 1340 Depth to Water: 23.41

Sample I.D.: S-17 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST.
Sampler: WW, JP	Date: 1/15/09
Well I.D.: S-18	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 34.71	Depth to Water (DTW): 22.97
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]: 25.32	

Purge Method: Bailer; Disposable Bailer (✓); Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; Disposable Bailer (✓); Extraction Port; Dedicated Tubing; Other: _____

1.9 (Gals.) X	3	=	5.7 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0956	69.7	7.73	409.6	>1000	1.9	
1000	69.0	7.00	434	>1000	2.8	
1003	68.9	6.88	416	>1000	5.7	

Did well dewater? Yes (No) Gallons actually evacuated: 5.7

Sampling Date: 1/15/09 Sampling Time: 1405 Depth to Water: 23.02

Sample I.D.: S-18 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST., OAKLAND, CA
Sampler: WW, JP	Date: 1/15/09
Well I.D.: S-19	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.51	Depth to Water (DTW): 22.31
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]: 24.75	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (X) Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: Bailer; (X) Disposable Bailer; ~~Extraction Port~~ (Tubing); Dedicated Tubing; Other: ____

7.9 (Gals.) X 3 = 23.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or ~~µS~~)	Turbidity (NTUs)	Gals. Removed	Observations
1232	68.8	7.44	775	243	7.9	
1233	69.4	7.24	819	>1000	15.8	
1234	69.6	7.33	726	837	23.7	

Did well dewater? Yes (No) Gallons actually evacuated: 23.7

Sampling Date: 1/15/09 Sampling Time: ~~1300~~ 1320 (TW) Depth to Water: 22.61

Sample I.D.: S-19 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST.
Sampler: WW, (JP)	Date: 1/15/09
Well I.D.: S-21A	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 26.29	Depth to Water (DTW): 23.53
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]: 24.10	

Purge Method:
- Bailer
- X Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method:
- Bailer
- X Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

1.8 (Gals.) X	3 =	5.4 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0921	72.7	2.39	40.38	>1000	1.8	
0925	73.3	2.30	40.02	>1000	3.6	
0929	73.4	2.30	40.30	>1000	5.4	

Did well dewater? Yes (No) Gallons actually evacuated: 5.4

Sampling Date: 1/15/09 Sampling Time: 1440 Depth to Water: 23.82

Sample I.D.: S-21A 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST.
Sampler: WW, JP	Date: 1/15/09
Well I.D.: S-21B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 39.51	Depth to Water (DTW): 23.43
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]: 26.65	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- X Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method:
- Bailer
- X Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

10.5 (Gals.) X 3 = 31.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0938	71.3	9.96	578.6	30	10.5	
0940	71.1	10.35	827.7	478	21.0	
0942	70.7	10.86	1881	190	31.5	
0944	70.7	1089	1863	46	42.0	

Did well dewater? Yes (No) Gallons actually evacuated: 42

Sampling Date: 1/15/09 Sampling Time: 1425 Depth to Water: 23.51

Sample I.D.: S-21B 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST.
Sampler: WW, JP	Date: 1/15/09
Well I.D.: S-22A	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 26.23	Depth to Water (DTW): 22.84
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]: 23.52	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: Bailer; X Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1236	70.6	7.07	3590	362	2.2	CLOUDY
1237	71.5	6.99	3766	342	4.4	"
1238	71.1	6.96	3671	307	6.6	"

Did well dewater? Yes (No) Gallons actually evacuated: 6.6

Sampling Date: 1/15/09 Sampling Time: 1325 Depth to Water: 23.19

Sample I.D.: S-22A 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

SHELL WELL MONITORING DATA SHEET

BTS #: 090115-WW1	Site: 461 8TH ST.
Sampler: WW, JP	Date: 1/15/09
Well I.D.: S-22B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 39.68	Depth to Water (DTW): 22.90
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]: 26.26	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; \Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ___

Sampling Method: Bailer; \Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ___

10.9 (Gals.) X 3 = 32.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1225	70.9	7.24	1444	500	10.9	
1227	70.9	7.10	4253	289	21.8	
1229	70.2	6.98	4574	643	32.7	

Did well dewater? Yes (No) Gallons actually evacuated: 32.7

Sampling Date: 1/15/09 Sampling Time: 1300 Depth to Water: 23.23

Sample I.D.: S-22B 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

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 461 8th St., Oakland, CA Date 02·12·09

Job Number 090212·MTI Technician M. Todi 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-8		X							Crushed Apron
S·9	X	X							
S·10	X	X							
S-12	X	X	X						
S·13	X	X							
S·14R	X	X							
S-17	X	X							
S·18	X	X	X						
S·19	X	X							
S·20	X	X							
S·21A	X	X							
S·21B	X	X							
S·22A	X	X							
S·22B	X	X							
S·23	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 # 090212-MT1 Date 02-12-09 Client Shell

Site 4618th St., Oakland, CA

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-8	918	4					23.34	29.15		4
S-9	923	4					22.61	29.50		6
S-10	1010	4					23.96	35.91		1
S-12	0914	4					24.81	34.32		2
S-13	934	4					22.36	32.57		10
S-14R	0923	4					22.89	34.32		7
S-17	0929	2					23.66	34.42		11
S-18	0933	2					23.29	34.57		13
S-19	928	4					22.58	34.45		8
S-20	939	4					22.80	34.69		12
S-21A	944	4					23.83	26.30		14
S-21B	0926	4					23.81	39.50		9
S-22A	0939	4					23.15	26.21		15
S-22B	912	4					23.02	39.57		3
S-23	0918	4					23.62	34.48		5

SHELL WELL MONITORING DATA SHEET

BTS #: 090212-MT1	Site: 4618th St.
Sampler: MT, RM	Date: 02-12-08
Well I.D.: S-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 29.15	Depth to Water (DTW): 23.34 S:81
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]: 24.50	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; ~~X~~ Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other____

Sampling Method: ~~X~~ Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: ____

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1238	67.8	6.35	702.3	55	2.2	
1239	67.9	6.66	614.6	49	4.4	
1240	68.8	6.52	591.2	152	6.6	
			DTW=	25.26		

Did well dewater? Yes (No) Gallons actually evacuated: 6.6

Sampling Date: 02-12-09 Sampling Time: 1345 Depth to Water: 23.35

Sample I.D.: S-8 Laboratory: (CalScience) Columbia Other____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL[illegible]/ELL MONITORING DATA[illegible]IEET

BTS #: 090212-MT1	Site: 4618th St.
Sampler: MT, RM	Date: 02-12-08
Well I.D.: S9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 29.50	Depth to Water (DTW): 22.61
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]: 23.98	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; ~~X Electric Submersible~~; Waterra; Peristaltic; Extraction Pump; Other____

Sampling Method: ~~X Bailer~~; ~~Disposable Bailer~~; Extraction Port; Dedicated Tubing; Other: ____

4.5 (Gals.) X 3 = 13.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1309	66.1	6.09	968.4	53	4.5	
1310	66.8	6.07	1017	145	9.0	
1311	67.5	6.15	1016	98	13.5	
			DTW = 24.33			

Did well dewater? Yes (No) Gallons actually evacuated: 13.5

Sampling Date: 02-12-09 Sampling Time: 1417 Depth to Water: 22.79

Sample I.D.: S-9 Laboratory: (CalScience) Columbia Other____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL VELL MONITORING DATA HEET

BTS #: 090212-MT1	Site: 4618th St.
Sampler: MT, RM	Date: 02-12-08
Well I.D.: S-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 35.91	Depth to Water (DTW): 23.96 11.95
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]: 26.35	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, ~~Electric Submersible~~, Waterra, Peristaltic, Extraction Pump, Other____

Sampling Method: ~~Bailer~~, (Disposable Bailer), Extraction Port, Dedicated Tubing, Other: ____

7.8 (Gals.) X 3 = 23.4 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
1021	65.6	7.09	1202	~~1000~~ 208	7.8	
1022	68.0	7.07	1076	177	15.6	
1024	68.5	6.92	939.9	724	23.4	cloudy
				DTW - 28.28		

Did well dewater? Yes (No) Gallons actually evacuated: 23.4

Sampling Date: 02-12-09 Sampling Time: 1305 Depth to Water: 23.98

Sample I.D.: S-10 Laboratory: (CalScience) Columbia Other____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL[illegible]/ELL MONITORING DATA[illegible]HEET

BTS #: 090212-MT1	Site: 4618 8th St.
Sampler: MT, RM	Date: 02-12-08
Well I.D.: S-12	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 34.32	Depth to Water (DTW): 24.81
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]: 26.71	

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

Sampling Method: ~~X~~Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: ____

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1100	65.2	7.19	385.4	757	6.2	Cloudy
1101	67.4	7.05	417.6	71000	12.4	.
1102	68.3	7.05	380.0	71000	18.6	
				DTW-27.11		

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

Sampling Date: 02-12-09 Sampling Time: 1315 Depth to Water: 24.82

Sample I.D.: S-12 Laboratory: (CalScience) Columbia Other ____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL VELL MONITORING DATA HEET

BTS #: 090212-MT1	Site: 461 8th St.
Sampler: MT, RM	Date: 02-12-08
Well I.D.: S-13	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 32.57	Depth to Water (DTW): 22.36
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]: 24.4	

1 of 2

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

Sampling Method:
- ~~X~~ Bailer
- (Disposable Bailer)
- Extraction Port
- Dedicated Tubing
- Other: ____

6.7 (Gals.) X	3	=	20.1 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1430	66.0	7.62	983.1	192	6.7	
1431	67.9	7.45	1842	738	13.4	
1432	68.1	7.39	1937	734	20.1	
				Dtw=25.82		

Did well dewater? Yes (No) Gallons actually evacuated: 20.1

Sampling Date: 02-12-09 Sampling Time: 1516 Depth to Water: ~~25.82~~ 23.80

Sample I.D.: S-13 Laboratory: (CalScience) Columbia Other ____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL VELL MONITORING DATA HEET

BTS #: 090212-MT1	Site: 461 8th St.
Sampler: MT, RM	Date: 02-12-08
Well I.D.: S-14R	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 34.32	Depth to Water (DTW): 22.89
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]: 25.17	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (X) Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: ~~X~~ Bailer; ~~Disposable Bailer~~; Extraction Port; Dedicated Tubing; Other: _____

7.5 (Gals.) X 3 = 22.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1329	67.1	6.87	492.5	105	7.5	clear
1330	68.9	6.85	460.2	273	15	" "
1331	69.1	6.80	488.5	421	22.5	
			DTW - 27.91			

Did well dewater? Yes (No) Gallons actually evacuated: 22.5

Sampling Date: 02-12-09 Sampling Time: 1431 Depth to Water: 23.05

Sample I.D.: S-14R Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL VELL MONITORING DATA HEET

BTS #: 090212-MT1	Site: 461 8th St.
Sampler: MT, RM	Date: 02-12-08
Well I.D.: S-17	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 34.42	Depth to Water (DTW): 23.66 10-7
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]: 25.81	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: ~~X~~Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

1.8 (Gals.) X 3 = 5.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1447	66.4	7.54	462.6	71000	1.8	murky
1449	68.2	7.20	933.4	71000	3.6	" "
1451	68.6	7.11	1017	71000	5.4	" "
			DTW 24.27			

Did well dewater? Yes (No) Gallons actually evacuated: 5.4

Sampling Date: 02-12-09 Sampling Time: 1500 Depth to Water: 24.27

Sample I.D.: S-17 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL WELL MONITORING DATA HEET

BTS #: 090212-MT1	Site: 4618 8th St.
Sampler: MT, RM	Date: 02-12-09
Well I.D.: S-18	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 34.57	Depth to Water (DTW): 23.29
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]: 25.55	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (X Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other____

Sampling Method: ~~X~~Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: ____

1.8 (Gals.) X	3	=	5.4 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
1527	65.9	6.91	581	>1000	1.8	
1529	67.9	6.61	857	~~70~~ >1000	3.6	
1531	67.8	6.60	1110	>1000	5.4	
1533	68.1	6.54	1189	>1000	7.2	

Did well dewater? Yes (No) Gallons actually evacuated: 7.2

Sampling Date: 02-12-09 Sampling Time: 1540 Depth to Water: 24.12

Sample I.D.: S-18 Laboratory: (CalScience) Columbia Other____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090212-MT1	Site: 4618 8th St.
Sampler: MT, RM	Date: 02-12-09
Well I.D.: S-19	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 34.45	Depth to Water (DTW): 22.58 11.87
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]: 24.95	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; ~~Electric Submersible~~; Waterra; Peristaltic; Extraction Pump; Other____

Sampling Method: ~~Bailer~~; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

7.8 (Gals.) X 3 = 23.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1348	68.2	6.85	1551	249	7.8	clear
1349	69.4	6.83	2837	486	15.6	" "
1351	69.6	6.84	4035	313	23.4	" "
1353	69.4	6.82	4084	128	31.2	" "

Did well dewater? Yes (No) Gallons actually evacuated: 31.2

Sampling Date: 02-12-09 Sampling Time: 1446 Depth to Water: 23.91

Sample I.D.: S-19 Laboratory: (CalScience) Columbia Other____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL[illegible]/ELL MONITORING DATA[illegible]EET

BTS #: 090212-MT1	Site: 461 8th St.
Sampler: MT, RM	Date: 02-12-09
Well I.D.: S-20	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 34.68	Depth to Water (DTW): 27.80
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]: 25.18	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (X) Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: ~~X~~ Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: ____

7.7 (Gals.) X 3 = 23.1 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1531	67.0	8.21	913.9	186	7.7	
1533	68.2	7.65	789.9	168	15.4	
1534	68.7	7.79	852.3	71000	23.1	
				DTW=27.91		

Did well dewater? Yes (No) Gallons actually evacuated: 23.1

Sampling Date: 02-12-09 Sampling Time: 1542 Depth to Water: 25.10

Sample I.D.: S-20 Laboratory: (CalScience) Columbia Other ____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL WELL MONITORING DATA HEET

BTS #: 090212-MT1	Site: 461 8th St.
Sampler: MT, RM	Date: 02-12-08
Well I.D.: S-21A	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 26.30	Depth to Water (DTW): 22.83
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]: 23.52	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; ~~Electric Submersible~~ (circled); Waterra; Peristaltic; Extraction Pump; Other____

Sampling Method: ~~Bailer~~; (Disposable Bailer) (circled); Extraction Port; Dedicated Tubing; Other: ____

2.2 (Gals.) X 3 = 6.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1600	63.0	8.58	1785	717	2.2	
1601	62.9	8.53	1598	647	4.4	
Dewatered @ 5 gals DTW=24.62						
1609	67.2	3.24	8430	7000		

Did well dewater? (Yes) No Gallons actually evacuated: ~~4.4~~ 5

Sampling Date: 02-12-09 Sampling Time: 1609 Depth to Water: 23.42

Sample I.D.: S-21A Laboratory: (CalScience) Columbia Other____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL WELL MONITORING DAT HEET

BTS #: 090212-MT1	Site: 461 8th St.
Sampler: MT, RM	Date: 02-12-09
Well I.D.: S-21B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 39.50	Depth to Water (DTW): 23.81
Depth to Free Product:	Thickness of Free Product (feet): 15.69
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.94	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: ~~Bailer~~; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

10.2 (Gals.) X	3	=	30.6 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH *	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1411	68.5	9.51	585.6	76.2	10.2	
1413	69.9	9.60	549.8	71000	20.4	
1415	69.4	10.13	667.8	336	30.6	
						DTW - 32.64
* Double checked w/ second Ultrameter + pH 7 solution						

Did well dewater? Yes (No) Gallons actually evacuated: 30.6

Sampling Date: 02-12-09 Sampling Time: 1500 Depth to Water: 23.98

Sample I.D.: S-21B Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL VELL MONITORING DATA HEET

BTS #: 090212-MT1	Site: 4618th St.
Sampler: MT, RM	Date: 02-12-08
Well I.D.: S-22A	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 26.21	Depth to Water (DTW): 23.15
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]: 23.76	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; ~~Electric Submersible~~; Waterra Peristaltic; Extraction Pump; Other_____

Sampling Method: ~~Bailer~~; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

2 (Gals.) X	3	=	6 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1554	58.9	6.79	3012	337	2	
	WELL DEWATERED @		2 gallons.		4 (2nd)	
1603	67.1	4.08	3248	>1000	6 (3rd)	
			DTW = 24.12			

Did well dewater? (Yes) No Gallons actually evacuated: 2

Sampling Date: 02-12-09 Sampling Time: 1605 Depth to Water: 23.74

Sample I.D.: S-22A Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL VELL MONITORING DATA HEET

BTS #: 090212-MT1	Site: 461 8th St.
Sampler: MT, RM	Date: 02-12-08
Well I.D.: S-22S	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 39.57	Depth to Water (DTW): 23.02
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.53	

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

Sampling Method: ~~X~~ Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: ____

10.8 (Gals.) X 3 = 32.4 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
1221	68.0	6.71	8026	86.0	10.8	clear
1223	68.5	6.63	17.02 ms	266	21.6	" "
1225	69.4	6.62	16.39 ms	68.5	32.4	" "
				DTW - 32.69		

Did well dewater? Yes (No) Gallons actually evacuated: 32.4

Sampling Date: 02-12-09 Sampling Time: 1329 Depth to Water: 24.60

Sample I.D.: S-22S Laboratory: (CalScience) Columbia Other ____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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

SHEL[illegible]VELL MONITORING DATA[illegible]HEET

BTS #: 090212-MT1	Site: 4618th St.
Sampler: MT, RM	Date: 02-12-08
Well I.D.: S-23	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 34.48	Depth to Water (DTW): 23.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.79	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; ~~Electric Submersible~~; Waterra; Peristaltic; Extraction Pump; Other____

Sampling Method: ~~Bailer~~; ~~Disposable Bailer~~; Extraction Port; Dedicated Tubing; Other: ____

7.1 (Gals.) X	3	=	21.3 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
1254	68.2	4.74	2427	>1000	7.1	Orange color
1255	68.9	4.47	1125	>1000	14.2	"
1256	69.1	4.49	1183	>1000	21.3	"
* Double checked reading with 2nd ultrameter and pH 7						

Did well dewater? Yes (No) Gallons actually evacuated: 21.3

Sampling Date: 02-12-09 Sampling Time: 1403 Depth to Water: 23.62

Sample I.D.: S-23 Laboratory: (CalScience) Columbia Other____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

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

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