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

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

Re: Shell-branded Service Station
9750 Golf Links Road
Oakland, California
SAP Code 135683
Incident No. 98995744
ACHCSA Case No. RO0002441

Dear Mr. Wickham:

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

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

Sincerely,

Denis L. Brown
Project Manager

CONESTOGA-ROVERS
& ASSOCIATES

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

February 21, 2008

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

Re: **Groundwater Monitoring Report – Fourth Quarter 2007**
Shell-branded Service Station
9750 Golf Links Road
Oakland, California
SAP Code 135683
Incident No. 98995744
ACHCSA Case No. RO0002441

Dear Mr. Wickham:

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

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

Sincerely,
Conestoga-Rovers & Associates

for Dennis Baertschi
Project Manager

Joe W. Neely, PG

cc: Mr. Denis Brown, Shell

GROUNDWATER MONITORING REPORT – FOURTH QUARTER 2007

Site Address	9750 Golf Links Road, Oakland
Site Use	Shell-branded Service Station
Shell Project Manager	Denis Brown
Consultant and Contact Person	CRA, Dennis Baertschi
Lead Agency and Contact	ACHCSA, Jerry Wickham
Agency Case No.	RO0002441
Shell SAP Code	135683
Shell Incident No.	98995744
Date of Most Recent Agency Correspondence	July 13, 2005

Current Quarter's Activities

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

Current Quarter's Findings

Groundwater Flow Direction	Northwesterly
Hydraulic Gradient	0.07
Depth to Water	5.70 to 10.93 feet below top of well casing

Proposed Activities for Next Quarter

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

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

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

I:\Sonoma.Shell\Oakland 9750 Golf Links\QMRs\2007\4Q07\Text 9750 Golf Links Oakland 4Q07.doc

05/12/00

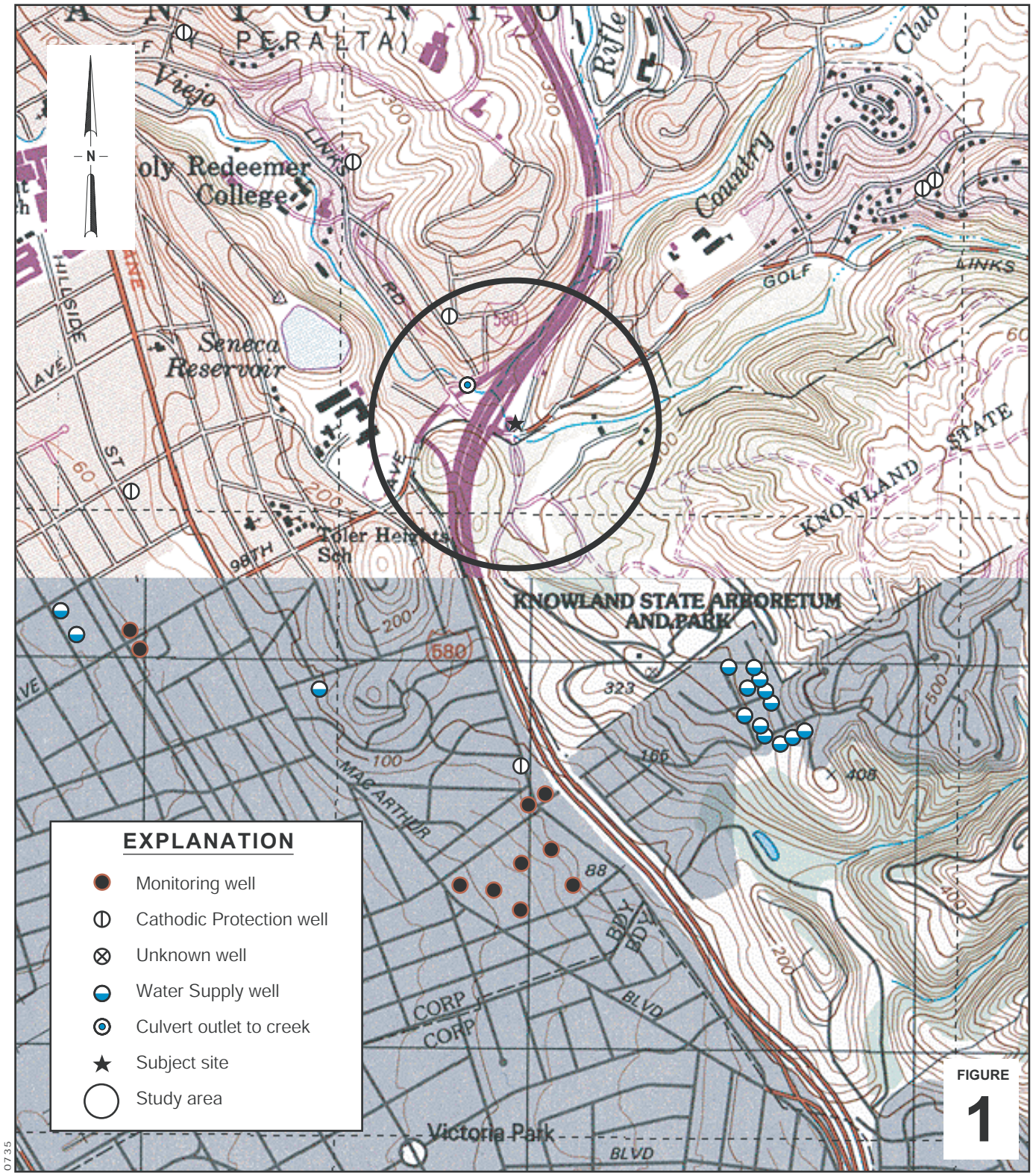

FIGURE
1

0735

0 1/8 1/4 1/2 1

SCALE (MILES)

Shell-branded Service Station

9750 Golf Links Road
Oakland, California

Vicinity Map

(1/4-Mile Radius)

CONESTOGA-ROVERS & ASSOCIATES

LEGEND

- SOIL BORING
- SOIL SAMPLE
- ATTEMPTED MONITORING WELL
- MONITORING WELL LOCATION
- 152.24 — GROUNDWATER ELEVATION (ft MSL)
- (0.2) — BENZENE CONCENTRATION IN (µg/L)
- *(12)* — MTBE CONCENTRATION IN (µg/L)
- 151 — GROUNDWATER ELEVATION CONTOUR REFERENCED TO MEAN SEA LEVEL (ft MSL)
- 0.055 — GROUNDWATER FLOW DIRECTION AND GRADIENT
- STORM DRAIN LINE
- FORMER STORM DRAIN LINE
- FLOW DIRECTION WHERE APPLICABLE
- SANITARY SEWER LINE
- WATER LINE
- ELECTRICAL LINE

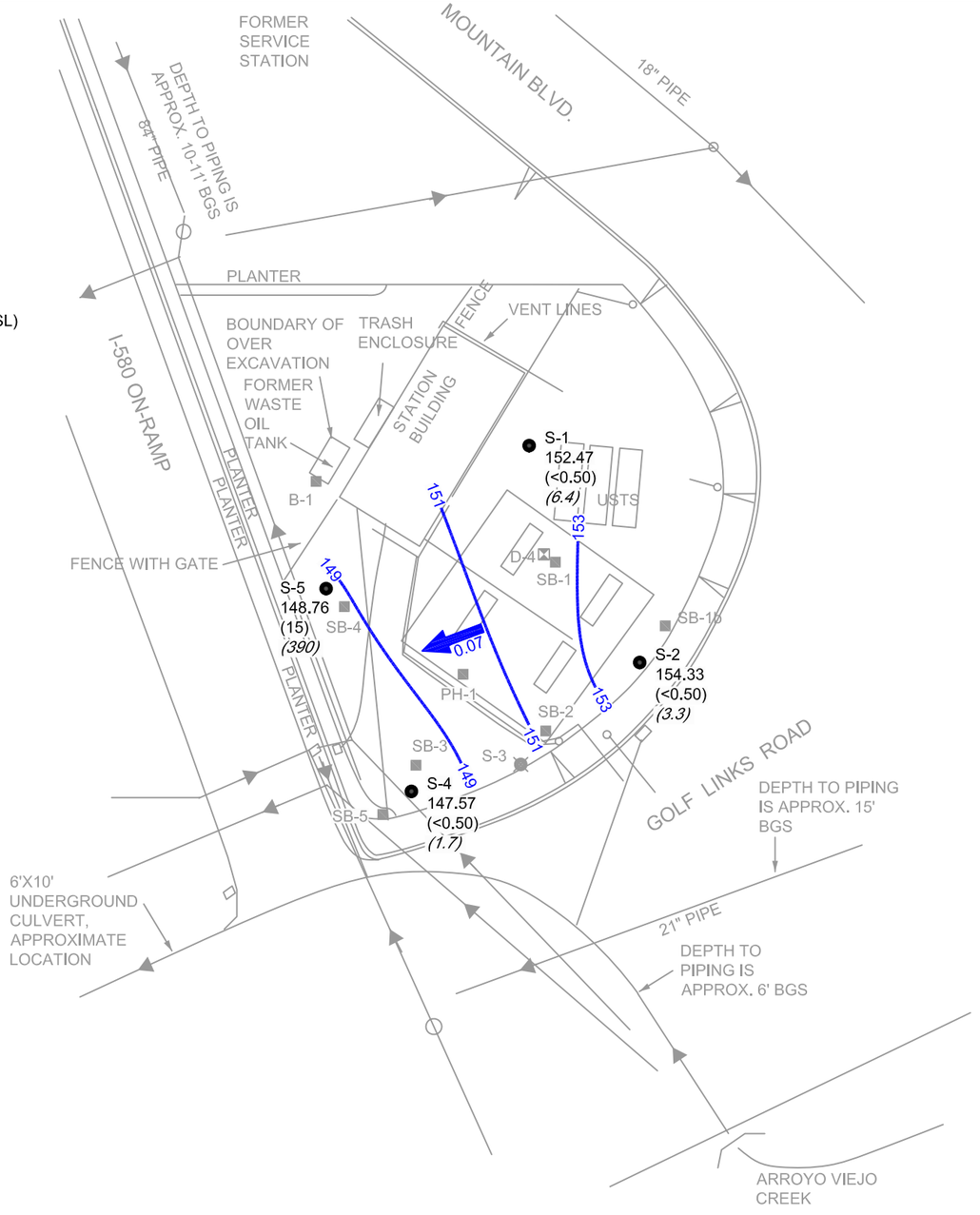

figure 2

GROUNDWATER CONTOUR AND CHEMCIAL CONCENTRATION MAP
DECEMBER 10, 2007
SHELL BRANDED SERVICE STATION
9750 Golf Links Rd., Oakland, California

Attachment A

Blaine Tech Services, Inc.
Groundwater Monitoring Report

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

December 28, 2007

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

Fourth Quarter 2007 Groundwater Monitoring at
Shell-branded Service Station
9750 Golf Links Road
Oakland, CA

Monitoring performed on December 10, 2007

Groundwater Monitoring Report **071210-KR-2**

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

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Manager

MN/ks

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
9750 Golf Links Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	Methanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
S-1	03/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	160.54	7.65	152.89
S-1	03/23/2005	13,000	<13	<13	89	70	1,400	<50	<50	<50	460	<13	<13	<1,300	<500	160.54	7.62	152.92
S-1	06/16/2005	9,500	<5.0	<5.0	130	66	860	<20	<20	<20	780	<5.0	<5.0	<500	2,800	160.54	7.91	152.63
S-1	08/02/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<500	160.54	8.44	152.10
S-1	08/29/2005	1,300 a	<5.0	<5.0	<5.0	<10	1,300	<20	<20	<20	1,600	<5.0	<5.0	<500	<500	160.54	8.88	151.66
S-1	12/15/2005	3,710	<0.500	<0.500	8.28	<0.500	65.4	<0.500	<0.500	<0.500	847	<0.500	<0.500	<50.0	<10,000	160.54	8.55	151.99
S-1	03/08/2006	2,400 h	1.3	<0.50	6.9	3.8	61 f	<0.50	<0.50 i	<0.50 i	250	<0.50 i	<0.50	<100	<250 d	160.54	7.25	153.29
S-1	06/14/2006	1,300	1.5	<1.0	2.3	<1.0	77	NA	NA	<1.0	400	NA	NA	NA	NA	160.54	8.29	152.25
S-1	09/06/2006	700 k	<1.0 k	<1.0 k	1.7 k	<1.0 k	42 k	<1.0 k	<1.0 k	<1.0 k	630 k	NA	NA	NA	<400 j	160.54	8.92	151.62
S-1	12/27/2006	1,500	<0.50	<0.50	2.2	0.60	15	NA	NA	<0.50	130	NA	NA	NA	NA	160.54	7.40	153.14
S-1	03/19/2007	2,300	<0.50	<0.50	1.4	0.81	13	NA	NA	<0.50	130	NA	NA	NA	NA	160.54	7.91	152.63
S-1	06/19/2007	1,900 l,m	0.20 n	<1.0	0.86 n	0.19 n	12	NA	NA	<2.0	200	NA	NA	NA	NA	160.54	8.30	152.24
S-1	09/12/2007	720 l,m	0.19 n	<1.0	<1.0	<1.0	26	<2.0	<2.0	<2.0	130	NA	NA	NA	<100 l	160.54	8.80	151.74
S-1	**12/10/2007**	**1,100 l**	**<0.50**	**<1.0**	**0.33 n**	**0.22 n**	**6.4**	**NA**	**NA**	**<2.0**	**110**	**NA**	**NA**	**NA**	**NA**	**160.54**	**8.07**	**152.47**
S-2	03/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	160.23	5.64	154.59
S-2	03/23/2005	<50	<0.50	<0.50	<0.50	<1.0	5.3	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	<500	160.23	5.20	155.03
S-2	06/16/2005	<50	<0.50	<0.50	<0.50	<1.0	2.2	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	<500	160.23	5.94	154.29
S-2	08/29/2005	<50	<0.50	<0.50	<0.50	<1.0	2.7	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	<500	160.23	6.56	153.67
S-2	12/15/2005	<50.0	<0.500	<0.500 c	<0.500	<0.500	17.9	<0.500	<0.500	<0.500	58.4	<0.500	<0.500	<50.0	<10,000	160.03 b	5.77	154.26
S-2	03/08/2006	<50 f	<0.50	<0.50	<0.50	<0.50	2.5 f	<0.50	<0.50 i	<0.50 i	20	<0.50 i	<0.50	<100	<100	160.03 b	5.10	154.93
S-2	06/14/2006	<50	<0.50	<0.50	<0.50	<0.50	2.8	NA	NA	<0.50	<20	NA	NA	NA	NA	160.03 b	6.00	154.03
S-2	09/06/2006	<50 k	<0.50 k	<0.50 k	<0.50 k	<0.50 k	4.9 k	<0.50 k	<0.50 k	<0.50 k	<20 k	NA	NA	NA	<100	160.03 b	6.49	153.54
S-2	12/27/2006	<50	<0.50	<0.50	<0.50	<0.50	2.0	NA	NA	<0.50	<20	NA	NA	NA	NA	160.03 b	5.50	154.53
S-2	03/19/2007	<50	<0.50	<0.50	<0.50	<0.50	2.3	NA	NA	<0.50	<20	NA	NA	NA	NA	160.03 b	5.70	154.33
S-2	06/19/2007	<50 l	<0.50	<1.0	<1.0	<1.0	1.1	NA	NA	<2.0	<10	NA	NA	NA	NA	160.03 b	6.19	153.84
S-2	09/12/2007	<50 l	<0.50	<1.0	<1.0	<1.0	2.7	<2.0	<2.0	<2.0	<10	NA	NA	NA	<100 l	160.03 b	6.57	153.46
S-2	**12/10/2007**	**<50 l**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**3.3**	**NA**	**NA**	**<2.0**	**<10**	**NA**	**NA**	**NA**	**NA**	**160.03 b**	**5.70**	**154.33**

WELL CONCENTRATIONS
Shell-branded Service Station
9750 Golf Links Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	Methanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
S-4	03/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.23	9.83	148.40
S-4	03/23/2005	<100	<1.0	<1.0	<1.0	<2.0	260	<4.0	<4.0	<4.0	<10	<1.0	<1.0	<100	<500	158.23	9.55	148.68
S-4	06/16/2005	<50	<0.50	<0.50	<0.50	<1.0	8.0	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	<500	158.23	10.25	147.98
S-4	08/29/2005	<50	<0.50	<0.50	<0.50	<1.0	71	<2.0	<2.0	<2.0	5.6	<0.50	<0.50	<50	<500	158.23	10.60	147.63
S-4	12/15/2005	345	<0.500	<0.500 c	<0.500	<0.500	296	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0	<10,000	158.23	10.38	147.85
S-4	03/08/2006	73 g	<0.50	<0.50	<0.50	<0.50	0.72 f	<0.50	<0.50 i	<0.50 i	<20	<0.50 i	<0.50	<100	<100	158.23	9.60	148.63
S-4	06/14/2006	<50	<0.50	<0.50	<0.50	0.51	0.50	NA	NA	<0.50	<20	NA	NA	NA	NA	158.23	10.30	147.93
S-4	09/06/2006	<50 k	<0.50 k	<0.50 k	<0.50 k	<0.50 k	3.6 k	<0.50 k	<0.50 k	<0.50 k	<20 k	NA	NA	NA	<100	158.23	10.57	147.66
S-4	12/27/2006	<50	<0.50	<0.50	<0.50	<0.50	4.7	NA	NA	<0.50	<20	NA	NA	NA	NA	158.23	10.40	147.83
S-4	03/19/2007	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	<0.50	<20	NA	NA	NA	NA	158.23	10.43	147.80
S-4	06/19/2007	93 l,m	<0.50	<1.0	<1.0	<1.0	8.4	NA	NA	<2.0	<10	NA	NA	NA	NA	158.23	10.52	147.71
S-4	09/12/2007	<50 l	<0.50	<1.0	<1.0	<1.0	3.7	<2.0	<2.0	<2.0	<10	NA	NA	NA	<100 l	158.23	10.71	147.52
S-4	**12/10/2007**	**<50 l**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**1.7**	**NA**	**NA**	**<2.0**	**<10**	**NA**	**NA**	**NA**	**NA**	**158.23**	**10.66**	**147.57**
S-5	03/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.69	10.62	149.07
S-5	03/23/2005	<1,300	13	<13	26	60	2,800	<50	<50	<50	<130	<13	<13	<1,300	<500	159.69	11.49	148.20
S-5	06/16/2005	<1,300	45	<13	53	<25	2,300	<50	<50	<50	380	<13	<13	<1,300	<500	159.69	10.30	149.39
S-5	08/29/2005	<1,300	31	<13	60	<25	1,700	<50	<50	<50	320	<13	<13	<1,300	<500	159.69	10.70	148.99
S-5	12/15/2005	2,700	11.1	2.31 c	80.2	6.62	823	<0.500	<0.500	<0.500	233	<0.500	<0.500	<50.0	<10,000	159.69	11.20	148.49
S-5	03/08/2006	360 g	<0.50	<0.50	<0.50	<0.50	340 e	<0.50	<0.50 i	1.2 i	49	<0.50 i	<0.50	<100	<250 d	159.69	10.05	149.64
S-5	06/14/2006	510	<5.0	<5.0	<5.0	<5.0	720	NA	NA	<5.0	<200	NA	NA	NA	NA	159.69	10.20	149.49
S-5	09/06/2006	1,100 k	8.6 k	<5.0 k	35 k	<5.0 k	830 k	<5.0 k	<5.0 k	<5.0 k	240 k	NA	NA	NA	<200 j	159.69	10.65	149.04
S-5	12/27/2006	1,000	12	<5.0	38	6.2	510.0	NA	NA	<5.0	<200	NA	NA	NA	NA	159.69	10.42	149.27
S-5	03/19/2007	1,200	18	<10	31	<10	540	NA	NA	<10	<400	NA	NA	NA	NA	159.69	10.20	149.49
S-5	06/19/2007	840 l	0.34 n	<1.0	0.78 n	<1.0	25	NA	NA	<2.0	9.6 n	NA	NA	NA	NA	159.69	10.08	149.61
S-5	09/12/2007	520 l	14	0.46 n	4.7	<1.0	420	<2.0	<2.0	1.1 n	150	NA	NA	NA	<100 l	159.69	10.90	148.79
S-5	**12/10/2007**	**430 l**	**15**	**<5.0**	**9.2**	**<5.0**	**390**	**NA**	**NA**	**<10**	**270**	**NA**	**NA**	**NA**	**NA**	**159.69**	**10.93**	**148.76**

WELL CONCENTRATIONS
Shell-branded Service Station
9750 Golf Links Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	Methanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260
1,2-DCA = 1,2-Dichloroethane, analyzed by EPA Method 8260B
EDB = Ethylene dibromide, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
GW = Groundwater
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
9750 Golf Links Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	Methanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Notes:

a = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

b = Top of casing altered -0.20 ft. due to wellhead maintenance on September 27, 2005.

c = Analyte was detected in the associated Method Blank.

d = The reporting limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

e = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for dilution was performed past the recommended hold time.

f = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for confirmation was performed past the recommended hold time.

g = Result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.

h = Concentration indicated for this analyte is an estimated value above the calibration range of the instrument.

i = Result was reported with a possible high bias due to the continuing calibration verification falling outside acceptance criteria.

j = The reporting limit for this analyte has been raised to account for matrix interference.

k = There was insufficient preservative to reduce the sample pH to less than 2. The sample was analyzed within 14 days of sampling but beyond the 7 days recommended for Benzene, Toluene, and Ethylbenzene.

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

m = 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.

n = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

Ethanol and Methanol analyzed by EPA Method 8260B.

Site surveyed March 23, 2005 by Virgil Chavez Land Surveying of Vallejo, CA.

Calscience
Environmental
Laboratories, Inc.

December 19, 2007

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

Subject: **Calscience Work Order No.: 07-12-0981**
Client Reference: 9750 Golf Links Rd., Oakland, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/12/2007 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Calscience Environmental
Laboratories, Inc.
Danielle Gonsman
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/12/07
Work Order No: 07-12-0981
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 9750 Golf Links Rd., Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
S-1	**07-12-0981-1-D**	**12/10/07**	**Aqueous**	**GC 25**	**12/12/07**	**12/12/07**	**071212B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	1100	250	5		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	74	38-134	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
S-2	**07-12-0981-2-D**	**12/10/07**	**Aqueous**	**GC 25**	**12/12/07**	**12/12/07**	**071212B01**

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

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	68	38-134	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
S-4	**07-12-0981-3-D**	**12/10/07**	**Aqueous**	**GC 25**	**12/12/07**	**12/12/07**	**071212B01**

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

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	69	38-134	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
S-5	**07-12-0981-4-D**	**12/10/07**	**Aqueous**	**GC 25**	**12/12/07**	**12/12/07**	**071212B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	430	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	90	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received:	12/12/07
Work Order No:	07-12-0981
Preparation:	EPA 5030B
Method:	EPA 8015B (M)

Project: 9750 Golf Links Rd., Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-436-1,252**	**N/A**	**Aqueous**	**GC 25**	**12/12/07**	**12/12/07**	**071212B01**

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

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	66	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/12/07
Work Order No: 07-12-0981
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 9750 Golf Links Rd., Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
S-1	**07-12-0981-1-A**	**12/10/07**	**Aqueous**	**GC/MS X**	**12/15/07**	**12/15/07**	**071215L01**

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

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		o-Xylene	0.22	1.0	0.17	1	J
Ethylbenzene	0.33	1.0	0.23	1	J	Methyl-t-Butyl Ether (MTBE)	6.4	1.0	0.26	1	
Toluene	ND	1.0	0.27	1		Tert-Butyl Alcohol (TBA)	110	10	5.4	1	
p/m-Xylene	ND	1.0	0.54	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	105	74-140				1,2-Dichloroethane-d4	104	74-146			
Toluene-d8	100	88-112				1,4-Bromofluorobenzene	99	74-110			

S-2	**07-12-0981-2-A**	**12/10/07**	**Aqueous**	**GC/MS X**	**12/15/07**	**12/15/07**	**071215L01**

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

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		o-Xylene	ND	1.0	0.17	1	
Ethylbenzene	ND	1.0	0.23	1		Methyl-t-Butyl Ether (MTBE)	3.3	1.0	0.26	1	
Toluene	ND	1.0	0.27	1		Tert-Butyl Alcohol (TBA)	ND	10	5.4	1	
p/m-Xylene	ND	1.0	0.54	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	105	74-140				1,2-Dichloroethane-d4	107	74-146			
Toluene-d8	99	88-112				1,4-Bromofluorobenzene	96	74-110			

S-4	**07-12-0981-3-B**	**12/10/07**	**Aqueous**	**GC/MS X**	**12/17/07**	**12/17/07**	**071217L01**

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

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		o-Xylene	ND	1.0	0.17	1	
Ethylbenzene	ND	1.0	0.23	1		Methyl-t-Butyl Ether (MTBE)	1.7	1.0	0.26	1	
Toluene	ND	1.0	0.27	1		Tert-Butyl Alcohol (TBA)	ND	10	5.4	1	
p/m-Xylene	ND	1.0	0.54	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	97	74-140				1,2-Dichloroethane-d4	103	74-146			
Toluene-d8	104	88-112				1,4-Bromofluorobenzene	100	74-110			

S-5	**07-12-0981-4-A**	**12/10/07**	**Aqueous**	**GC/MS R**	**12/16/07**	**12/16/07**	**071216L01**

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

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	15	2.5	0.70	5		o-Xylene	ND	5.0	0.84	5	
Ethylbenzene	9.2	5.0	1.1	5		Methyl-t-Butyl Ether (MTBE)	390	5.0	1.3	5	
Toluene	ND	5.0	1.4	5		Tert-Butyl Alcohol (TBA)	270	50	27	5	
p/m-Xylene	ND	5.0	2.7	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5.6	5	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	99	74-140				1,2-Dichloroethane-d4	97	74-146			
Toluene-d8	95	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: 12/12/07
Work Order No: 07-12-0981
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 9750 Golf Links Rd., Oakland, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-23,790**	**N/A**	**Aqueous**	**GC/MS X**	**12/15/07**	**12/15/07**	**071215L01**

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

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		o-Xylene	ND	1.0	0.17	1	
Ethylbenzene	ND	1.0	0.23	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.26	1	
Toluene	ND	1.0	0.27	1		Tert-Butyl Alcohol (TBA)	ND	10	5.4	1	
p/m-Xylene	ND	1.0	0.54	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	92	88-112		1,4-Bromofluorobenzene	91	74-110	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-23,802**	**N/A**	**Aqueous**	**GC/MS R**	**12/16/07**	**12/16/07**	**071216L01**

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

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		o-Xylene	ND	1.0	0.17	1	
Ethylbenzene	ND	1.0	0.23	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.26	1	
Toluene	ND	1.0	0.27	1		Tert-Butyl Alcohol (TBA)	ND	10	5.4	1	
p/m-Xylene	ND	1.0	0.54	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	74-140		1,2-Dichloroethane-d4	97	74-146	
Toluene-d8	96	88-112		1,4-Bromofluorobenzene	100	74-110	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-23,811**	**N/A**	**Aqueous**	**GC/MS X**	**12/17/07**	**12/17/07**	**071217L01**

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

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.14	1		o-Xylene	ND	1.0	0.17	1	
Ethylbenzene	ND	1.0	0.23	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.26	1	
Toluene	ND	1.0	0.27	1		Tert-Butyl Alcohol (TBA)	ND	10	5.4	1	
p/m-Xylene	ND	1.0	0.54	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.1	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	92	74-140		1,2-Dichloroethane-d4	98	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	101	74-110	

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/12/07
Work Order No: 07-12-0981
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project 9750 Golf Links Rd., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-12-0845-6	**Aqueous**	**GC 25**	**12/12/07**	**12/13/07**	**071212S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	111	111	68-122	0	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/12/07
Work Order No: 07-12-0981
Preparation: EPA 5030B
Method: EPA 8260B

Project 9750 Golf Links Rd., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-2	**Aqueous**	**GC/MS X**	**12/15/07**	**12/15/07**	**071215S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	97	88-118	0	0-7	
Carbon Tetrachloride	97	93	67-145	4	0-11	
Chlorobenzene	99	96	88-118	3	0-7	
1,2-Dibromoethane	99	97	70-130	2	0-30	
1,2-Dichlorobenzene	100	102	86-116	2	0-8	
1,1-Dichloroethene	98	99	70-130	2	0-25	
Ethylbenzene	104	102	70-130	2	0-30	
Toluene	96	97	87-123	1	0-8	
Trichloroethene	99	99	79-127	0	0-10	
Vinyl Chloride	90	94	69-129	4	0-13	
Methyl-t-Butyl Ether (MTBE)	100	100	71-131	0	0-13	
Tert-Butyl Alcohol (TBA)	92	96	36-168	4	0-45	
Diisopropyl Ether (DIPE)	102	102	81-123	0	0-9	
Ethyl-t-Butyl Ether (ETBE)	101	99	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	102	104	72-126	2	0-12	
Ethanol	94	95	53-149	1	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/12/07
Work Order No: 07-12-0981
Preparation: EPA 5030B
Method: EPA 8260B

Project 9750 Golf Links Rd., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-12-1182-2	**Aqueous**	**GC/MS R**	**12/16/07**	**12/17/07**	**071216S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	96	88-118	7	0-7	
Carbon Tetrachloride	93	90	67-145	3	0-11	
Chlorobenzene	106	99	88-118	7	0-7	
1,2-Dibromoethane	112	103	70-130	8	0-30	
1,2-Dichlorobenzene	107	100	86-116	6	0-8	
1,1-Dichloroethene	92	88	70-130	5	0-25	
Ethylbenzene	100	94	70-130	7	0-30	
Toluene	99	94	87-123	5	0-8	
Trichloroethene	100	93	79-127	7	0-10	
Vinyl Chloride	91	84	69-129	9	0-13	
Methyl-t-Butyl Ether (MTBE)	91	93	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	78	84	36-168	7	0-45	
Diisopropyl Ether (DIPE)	101	104	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	102	94	72-126	9	0-12	
Tert-Amyl-Methyl Ether (TAME)	98	92	72-126	6	0-12	
Ethanol	86	81	53-149	6	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: 12/12/07
Work Order No: 07-12-0981
Preparation: EPA 5030B
Method: EPA 8260B

Project 9750 Golf Links Rd., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-4	**Aqueous**	**GC/MS X**	**12/17/07**	**12/17/07**	**071217S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	98	88-118	1	0-7	
Carbon Tetrachloride	86	83	67-145	3	0-11	
Chlorobenzene	91	91	88-118	0	0-7	
1,2-Dibromoethane	92	93	70-130	0	0-30	
1,2-Dichlorobenzene	91	89	86-116	1	0-8	
1,1-Dichloroethene	81	83	70-130	2	0-25	
Ethylbenzene	100	99	70-130	1	0-30	
Toluene	90	92	87-123	2	0-8	
Trichloroethene	95	95	79-127	1	0-10	
Vinyl Chloride	75	72	69-129	5	0-13	
Methyl-t-Butyl Ether (MTBE)	98	95	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	86	79	36-168	9	0-45	
Diisopropyl Ether (DIPE)	84	81	81-123	4	0-9	
Ethyl-t-Butyl Ether (ETBE)	92	90	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	104	72-126	2	0-12	
Ethanol	67	63	53-149	6	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.	Date Received:	N/A
1680 Rogers Avenue	Work Order No:	07-12-0981
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8015B (M)

Project: 9750 Golf Links Rd., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,252	**Aqueous**	**GC 25**	**12/12/07**	**12/12/07**	**071212B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	93	95	78-120	2	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.	Date Received:	N/A
1680 Rogers Avenue	Work Order No:	07-12-0981
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: 9750 Golf Links Rd., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-23,790	**Aqueous**	**GC/MS X**	**12/15/07**	**12/15/07**	**071215L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	107	84-120	5	0-8	
Carbon Tetrachloride	106	104	63-147	2	0-10	
Chlorobenzene	107	107	89-119	1	0-7	
1,2-Dibromoethane	106	101	80-120	5	0-20	
1,2-Dichlorobenzene	106	107	89-119	0	0-9	
1,1-Dichloroethene	109	101	77-125	8	0-16	
Ethylbenzene	118	114	80-120	3	0-20	
Toluene	106	103	83-125	2	0-9	
Trichloroethene	108	105	89-119	2	0-8	
Vinyl Chloride	90	84	63-135	6	0-13	
Methyl-t-Butyl Ether (MTBE)	105	100	82-118	5	0-13	
Tert-Butyl Alcohol (TBA)	112	98	46-154	13	0-32	
Diisopropyl Ether (DIPE)	108	103	81-123	4	0-11	
Ethyl-t-Butyl Ether (ETBE)	105	102	74-122	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	108	108	76-124	0	0-10	
Ethanol	109	99	60-138	10	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 07-12-0981
Preparation: EPA 5030B
Method: EPA 8260B

Project: 9750 Golf Links Rd., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-23,802	**Aqueous**	**GC/MS R**	**12/16/07**	**12/16/07**	**071216L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	94	84-120	4	0-8	
Carbon Tetrachloride	87	91	63-147	5	0-10	
Chlorobenzene	101	98	89-119	3	0-7	
1,2-Dibromoethane	102	99	80-120	3	0-20	
1,2-Dichlorobenzene	103	100	89-119	3	0-9	
1,1-Dichloroethene	90	93	77-125	4	0-16	
Ethylbenzene	98	94	80-120	4	0-20	
Toluene	93	93	83-125	0	0-9	
Trichloroethene	95	93	89-119	2	0-8	
Vinyl Chloride	95	93	63-135	2	0-13	
Methyl-t-Butyl Ether (MTBE)	89	91	82-118	3	0-13	
Tert-Butyl Alcohol (TBA)	82	78	46-154	5	0-32	
Diisopropyl Ether (DIPE)	82	86	81-123	5	0-11	
Ethyl-t-Butyl Ether (ETBE)	86	84	74-122	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	88	87	76-124	2	0-10	
Ethanol	89	84	60-138	6	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 07-12-0981
Preparation: EPA 5030B
Method: EPA 8260B

Project: 9750 Golf Links Rd., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-23,811	**Aqueous**	**GC/MS X**	**12/17/07**	**12/17/07**	**071217L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	103	84-120	5	0-8	
Carbon Tetrachloride	92	91	63-147	1	0-10	
Chlorobenzene	93	93	89-119	0	0-7	
1,2-Dibromoethane	93	92	80-120	0	0-20	
1,2-Dichlorobenzene	92	93	89-119	0	0-9	
1,1-Dichloroethene	89	87	77-125	3	0-16	
Ethylbenzene	106	106	80-120	1	0-20	
Toluene	95	99	83-125	4	0-9	
Trichloroethene	102	104	89-119	3	0-8	
Vinyl Chloride	76	78	63-135	2	0-13	
Methyl-t-Butyl Ether (MTBE)	93	93	82-118	0	0-13	
Tert-Butyl Alcohol (TBA)	84	96	46-154	13	0-32	
Diisopropyl Ether (DIPE)	82	82	81-123	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	90	88	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	104	107	76-124	3	0-10	
Ethanol	71	64	60-138	9	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-12-0981

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.
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 Chain Of Custody Record

LAB:

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

NAME OF PERSON TO BILL: Denis Brown

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

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 7 4 4

PO #:

SAP or CRMT #:

DATE: 12-10-07

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Blaine Tech Services		9750 Golf Links Rd. Oakland	CA	T0600101931

ADDRESS:	EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
1680 Rogers Avenue, San Jose, CA 95112	Dennis Baertschi, CRA, Eureka Office	707-268-3813	sonomaedf@craworldcom	BTS# 071210-KR2

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

SAMPLER NAME(S) (Print): Kenneth Rogowski

LAB USE ONLY: 12-0981

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

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

R/L for METHANOL = 500 PPB

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)
1	S-1	12-10-07	1420	W	5	X		X		X	X		X					
2	S-2		1235			X		X		X	X		X					
3	S-4		1250			X		X		X	X		X					
4	S-5		1340			X		X		X	X		X					

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		12-10-07	1615
Relinquished by: (Signature) Shipped via GSO	Received by: (Signature)	Date: 12-11-07	Time: 1500
Relinquished by: (Signature)	Received by: (Signature)	Date: 12/12/07	Time: 1040

05/02/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07-12-0981

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: Blaine Tech **DATE:** 12/12/07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.6 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

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

Initial: JP

SAMPLE CONDITION:

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

Initial: JP

COMMENTS:

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 9750 Golf Links Rd., Oakland Date 12.10.07

Job Number 071210-KR2 Technician KR 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-1	X								
S-2	X								
S-4	X								
S-5			X						needs new 4" cap + lock (KR)

*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:

SHELL WELLHEAD REPAIR FORM
(FOR REPAIR TECHNICIAN)

Site Address: 9750 Golflinks, Oakland   Date: 9-25-07

Job Number: 070925JT-1   Technician: JT   Page 1 of 1

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency: Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency	Not Securable by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)	All Repairs Completed	Remaining Deficiencies Logged onto *BLAINE Repair Order*	Remaining Deficiencies Logged onto *Notice of Deficient Condition* - BLAINE Unable to Repair
S-4 ~~MW-4~~									X								X		
	Notes: Replaced Apron																		
	Well box type / size: 12" EMCO										Materials used:								
	Notes:																		
	Well box type / size:										Materials used:								
	Notes:																		
	Well box type / size:										Materials used:								
	Notes:																		
	Well box type / size:										Materials used:								
	Notes:																		
	Well box type / size:										Materials used:								
	Notes:																		
	Well box type / size:										Materials used:								
	Notes:																		
	Well box type / size:										Materials used:								

WELL GAUGING DATA

Project # 071210-KR2 Date 12-10-07 Client Shell

Site 9750 Golf Links Rd., Oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
S-1	1159	4					8.07	17.35	TOC	
S-2	1140	4					5.70	11.70	"	
S-4	1145	4					10.66	13.34	"	
S-5	1156	4					10.93	14.00	"	

SHELL WELL MONITORING DATA SHEET

BTS #: 071210-KR2	Site: 98995744
Sampler: KR	Date: 12.10.07
Well I.D.: S-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 17.35	Depth to Water (DTW): 8.07
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (TOC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.92	

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 Case Volume		Specified Volumes		Calculated Volume
6	(Gals.) X	3	=	18 Gals.

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

Time	Temp (°F)	pH	Cond (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1355	67.0	7.34	860	42	6	
1403	68.1	7.03	805	58	12	
1413	66.3	6.98	768	75	18	

Did well dewater? Yes (No) Gallons actually evacuated: 18

Sampling Date: 12.10.07 Sampling Time: 1420 Depth to Water: 9.60

Sample I.D.: S-1 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 #: 071210-KR2	Site: 98995744
Sampler: KR	Date: 12-10-07
Well I.D.: S-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 11.70	Depth to Water (DTW): 5.70
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]: 6.90	

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: _____

3.9 (Gals.) X 3 = 11.7 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
1217	63.9	7.39	1018	35	3.9	
1221	62.6	7.36	1009	35	7.8	
1229	62.9	7.20	976	39	11.7	

Did well dewater? Yes (No) Gallons actually evacuated: 11.7

Sampling Date: 12-10-07 Sampling Time: 1235 Depth to Water: 5.93

Sample I.D.: S-2 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 #: 071210-KR2	Site: 98995744
Sampler: KR	Date: 12-10-07
Well I.D.: S-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 13.34	Depth to Water (DTW): 10.66
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]: 11.19	

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: _____

1.7 (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
1245	64.1	7.35	629	151	1.7	
1251	65.2	7.28	614	242	3.4	
well	dewatered	@ 4	gallons	DTW ⇒	11.98	
1300	63.8	7.09	619	247		

Did well dewater? (Yes) No — Gallons actually evacuated: 4

Sampling Date: 12-10-07 — Sampling Time: 1250 — Depth to Water: 11.19

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 #: 071210-KR2	Site: 98995744
Sampler: KR	Date: 12-10-07
Well I.D.: S-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 14.00	Depth to Water (DTW): 10.93
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.54	

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: _____

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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1311	66.1	6.89	929	113	2	
1315	66.7	6.94	975	84	4	
well dewatered @ 5 gallons DTW ⇒						12.90
1340	67.1	6.94	982	55		

Did well dewater? (Yes) No — Gallons actually evacuated: 5

Sampling Date: 12.10.07 Sampling Time: 1340 Depth to Water: 11.54

Sample I.D.: S-5 — 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