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TRANSMITTAL

DATE: February 29, 2012 REFERENCE NO.: 240724
PROJECT NAME: 8999 San Ramon Road, Dublin
TO: Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RECEIVED
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Environmental Health

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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report - Fourth Quarter 2011

As Requested For Review and Comment
 For Your Use

COMMENTS:
If you have any questions regarding the content of this document, please contact Peter Schaefer at (510) 420-3319.

Copy to: Denis Brown, Shell Oil Products US (electronic copy)
Cheryl Dizon, Zone 7 Water Agency, 100 North Canyons Parkway, Livermore, CA 94551
Carl Cox, C and J Cox Corporation, 4431 Stoneridge Drive, Pleasanton, CA 94588

Completed by: Peter Schaefer Signed: *Aubrey Cox*

Filing: Correspondence File



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

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

Re: Shell-branded Service Station
8999 San Ramon Road
Dublin, California
SAP Code 135244
Incident No. 97565995
Agency No. RO0002744

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,

A handwritten signature in black ink, appearing to read "Denis L. Brown", with a long horizontal flourish extending to the right.

Denis L. Brown
Senior Program Manager



GROUNDWATER MONITORING REPORT - FOURTH QUARTER 2011

**SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD
DUBLIN, CALIFORNIA**

**SAP CODE 135244
INCIDENT NO. 97565995
AGENCY NO. RO0002744**

**FEBRUARY 29, 2012
REF. NO. 240724 (7)**

This report is printed on recycled paper.

**Prepared by:
Conestoga-Rovers
& Associates**

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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell).

1.1 SITE INFORMATION

Site Address	8999 San Ramon Road, Dublin
Site Use	Shell-branded Service Station
Shell Project Manager	Denis Brown
CRA Project Manager	Peter Schaefer
Lead Agency and Contact	ACEH, Jerry Wickham
Agency Case No.	RO0002744
Shell SAP Code	135244
Shell Incident No.	97565995

Date of most recent agency correspondence was June 27, 2011.

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

Blaine Tech Services, Inc. (Blaine) gauged and sampled the wells according to the established monitoring program for this site.

CRA prepared a vicinity map (Figure 1), a shallow-zone groundwater contour and chemical concentration map (Figure 2), an intermediate-zone groundwater contour and chemical concentration map (Figure 3), a deep-zone groundwater contour and chemical concentration map (Figure 4), and a groundwater data table (Table 1). Blaine's field notes are presented in Appendix A, and the laboratory report is presented in Appendix B.

2.2 **CURRENT QUARTER'S FINDINGS**

Shallow-Zone Groundwater Flow Direction	Southeasterly to easterly
Intermediate-Zone Groundwater Flow Direction	Easterly to southeasterly
Deep-Zone Groundwater Flow Direction	Easterly to northeasterly
Shallow-Zone Hydraulic Gradient	0.06
Intermediate-Zone Hydraulic Gradient	0.06
Deep-Zone Hydraulic Gradient	0.02
Depth to Water	25.59 to 36.92 feet below top of well casing

2.3 **PROPOSED ACTIVITIES**

Blaine will gauge and sample wells according to the established monitoring program for this site. The site is monitored quarterly, and CRA will issue groundwater monitoring reports quarterly following the sampling events.

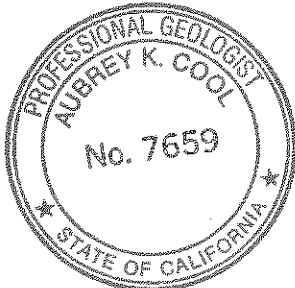
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Amended for:

Peter Schaefer, CHG, CEG

Aubrey K Cool

Aubrey K. Cool, PG



FIGURES

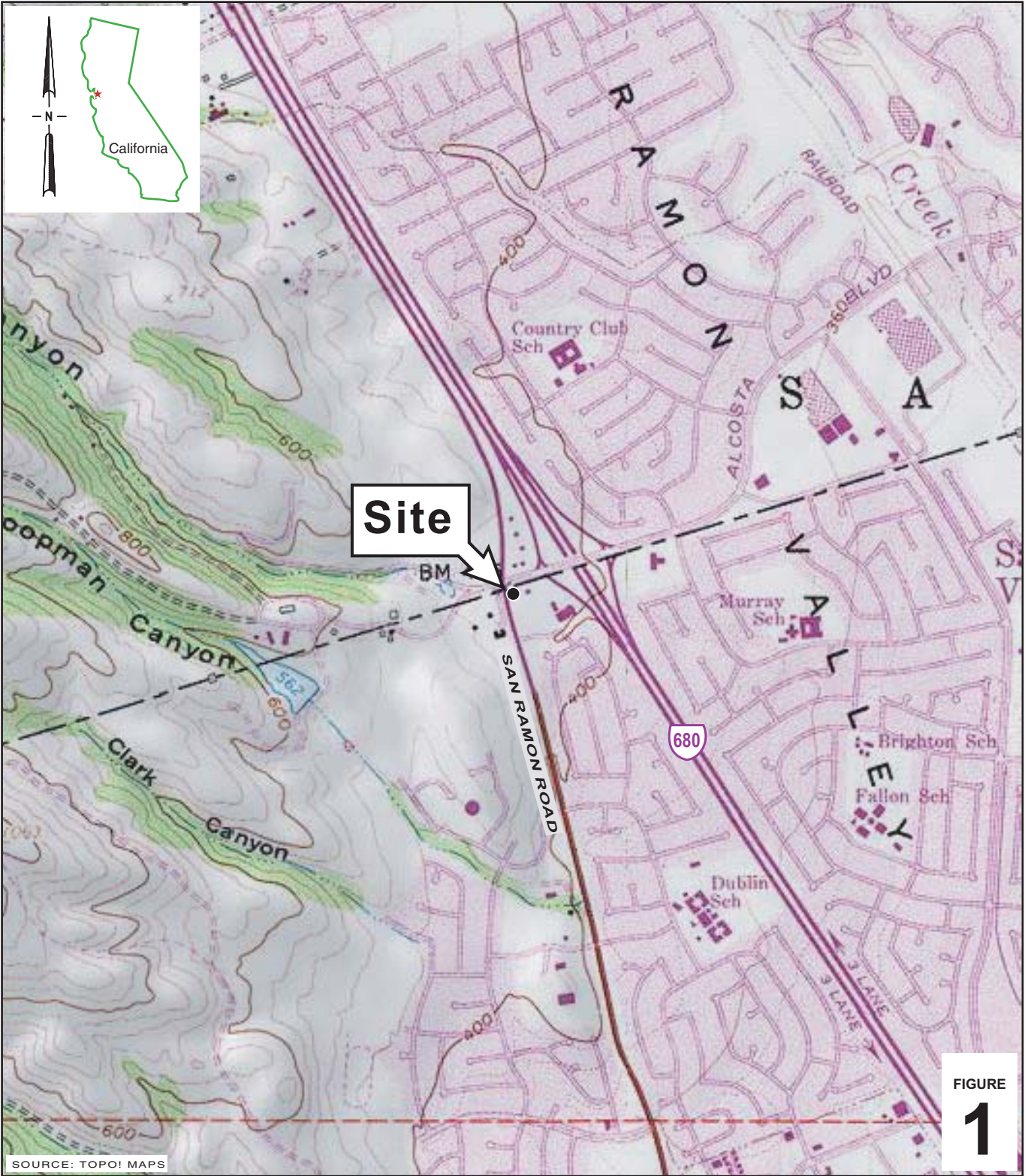


FIGURE
1

I:\Shell\6-chars\2407--\240724-Dublin_8999_San_Ramon_Rd\240724-FIGURES\240724_VICINITY (F1).AI

SOURCE: TOPOI MAPS

0 1/8 1/4 1/2 1
SCALE : 1" = 1/4 MILE

Shell-branded Service Station
8999 San Ramon Road
Dublin, California



**CONESTOGA-ROVERS
& ASSOCIATES**

Vicinity Map

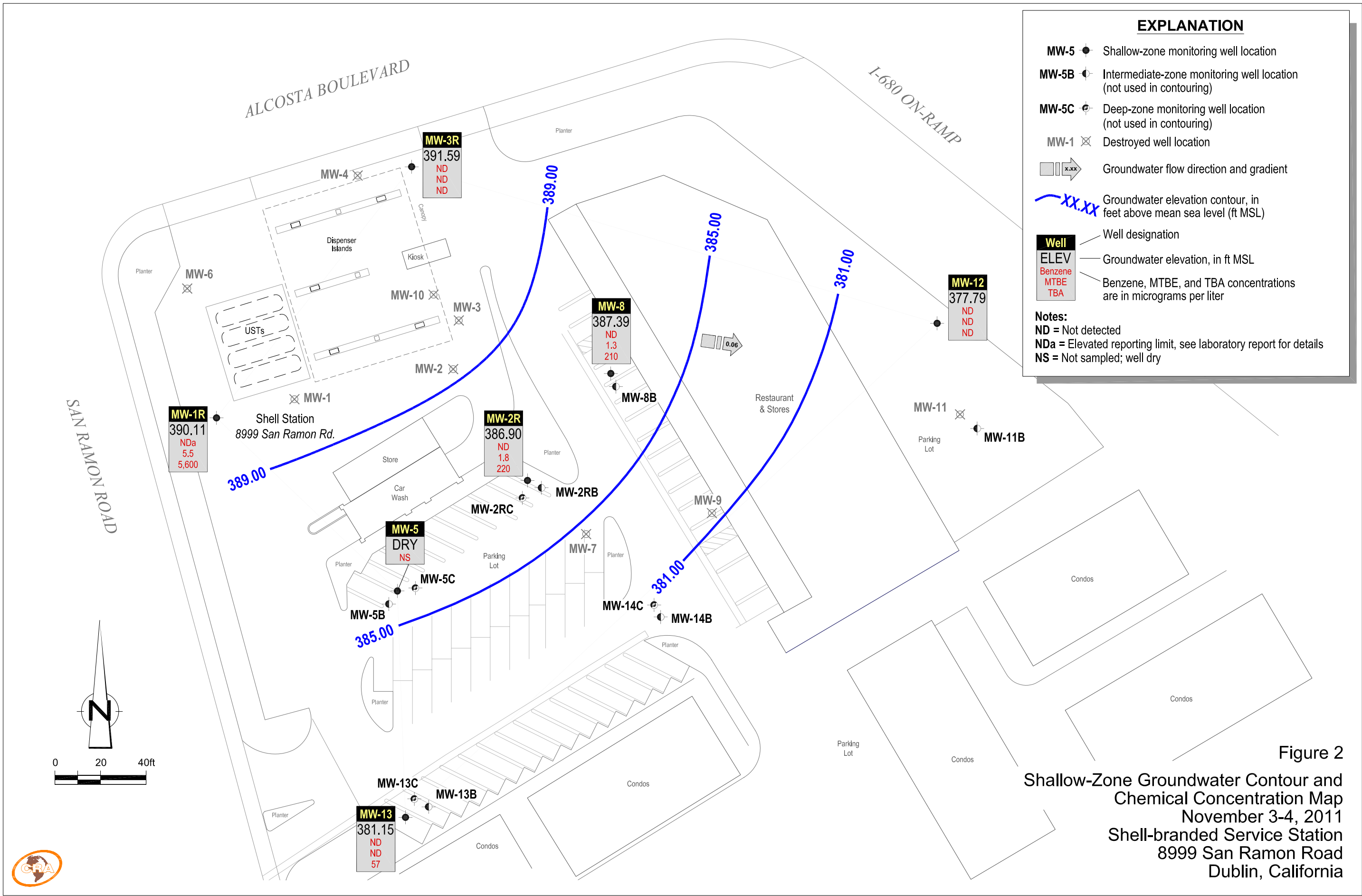


Figure 2
 Shallow-Zone Groundwater Contour and
 Chemical Concentration Map
 November 3-4, 2011
 Shell-branded Service Station
 8999 San Ramon Road
 Dublin, California

EXPLANATION

- MW-5** ● Shallow-zone monitoring well location (not used in contouring)
- MW-5B** ● Intermediate-zone monitoring well location
- MW-5C** ● Deep-zone monitoring well location (not used in contouring)
- MW-1** ☒ Destroyed well location
- Groundwater flow direction and gradient
- Groundwater elevation contour, in feet above mean sea level (ft MSL)
- | |
|---------|
| Well |
| ELEV |
| Benzene |
| MTBE |
| TBA |

 Well designation
- Groundwater elevation, in ft MSL
- Benzene, MTBE, and TBA concentrations are in micrograms per liter

Notes:
ND = Not detected

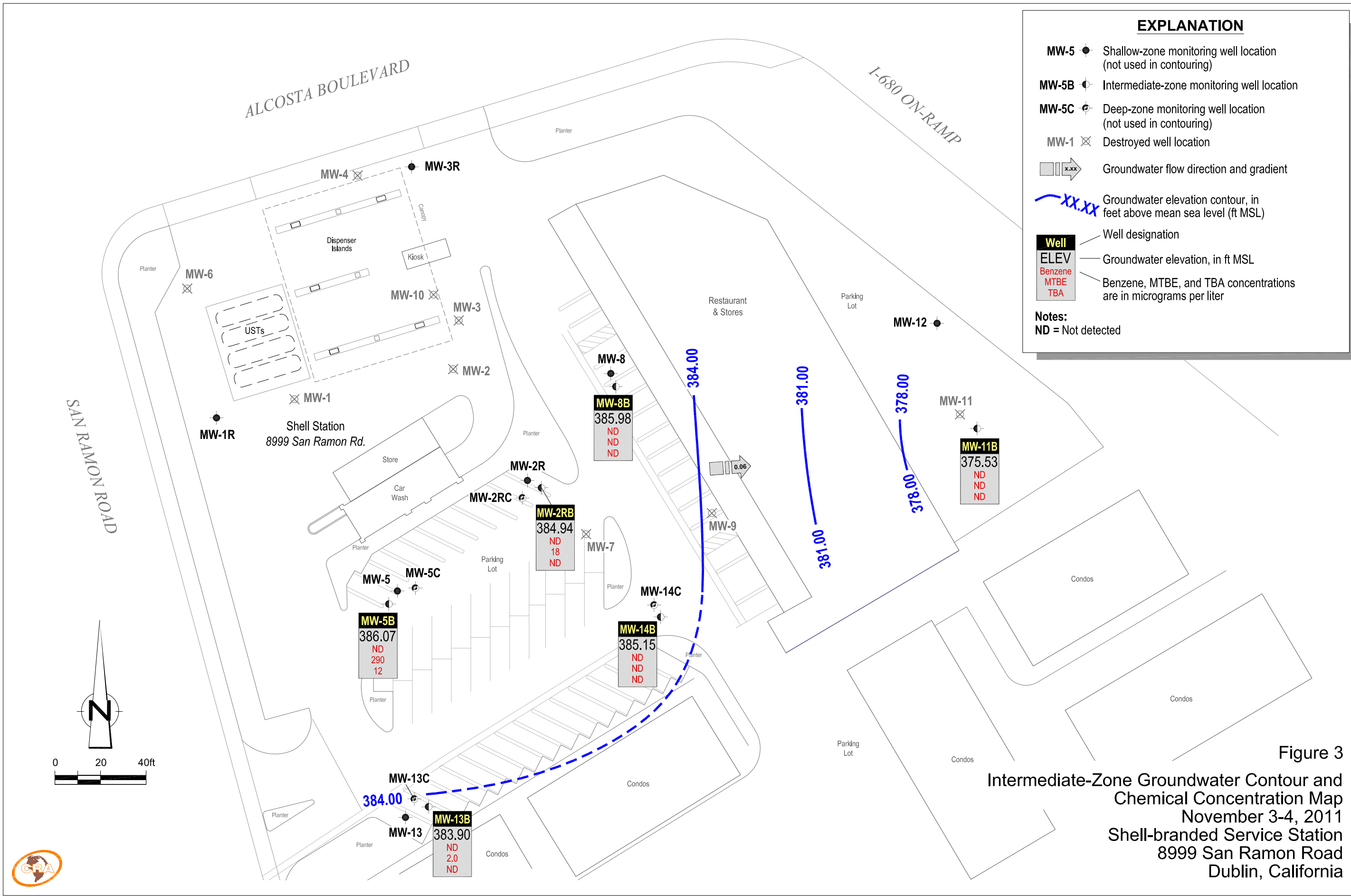


Figure 3
Intermediate-Zone Groundwater Contour and
Chemical Concentration Map
November 3-4, 2011
Shell-branded Service Station
8999 San Ramon Road
Dublin, California

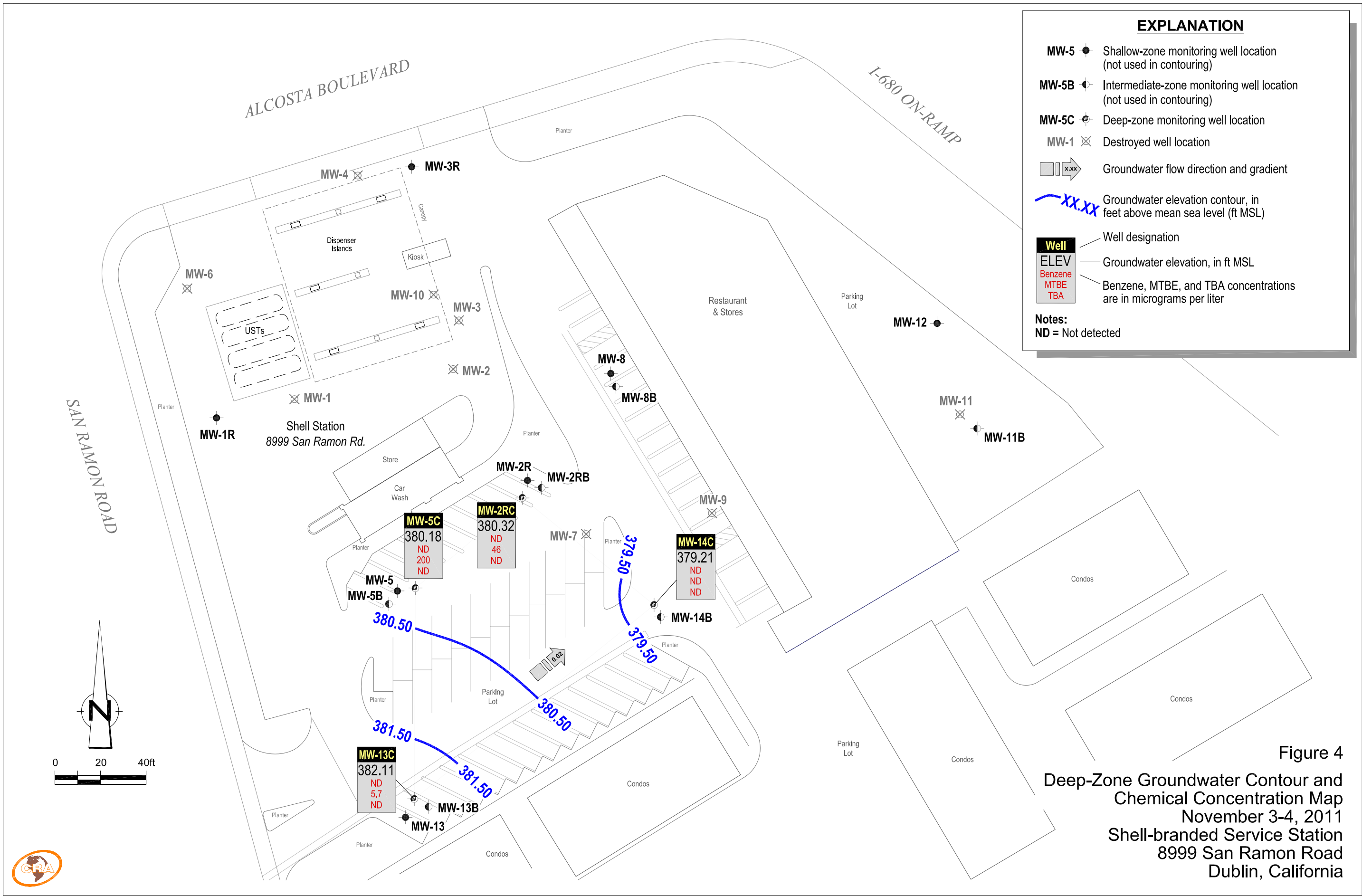


Figure 4
 Deep-Zone Groundwater Contour and
 Chemical Concentration Map
 November 3-4, 2011
 Shell-branded Service Station
 8999 San Ramon Road
 Dublin, California

TABLE

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHd (µg/L)</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>DIPE (µg/L)</i>	<i>ETBE (µg/L)</i>	<i>TAME (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>
MW-1	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	20.93	---
MW-1	05/19/2005	160 c,e	<5,000	<50	<50	<50	<100	1,400	57,000	<200	<200	<200	420.06	20.70	399.36
MW-1	08/15/2005	<50 c	<5,000	<50	<50	<50	<100	360	56,000	<200	<200	<200	420.06	23.98	396.08
MW-1	11/08/2005	Well dry	---	---	---	---	---	---	---	---	---	---	420.06	---	---
MW-1	01/30/2006	438 c	585	<0.500	<0.500	<0.500	<0.500	15.6	115,000	<0.500	<0.500	<0.500	420.06	26.39	393.67
MW-1	05/19/2006	279	2,940	<0.500	<0.500	<0.500	<0.500	150	49,500	<0.500	0.940	<0.500	420.06	23.10	396.96
MW-1	08/24/2006	85.6	812	<0.500	<0.500	<0.500	<0.500	33.0	30,700	<0.500	0.890	<0.500	420.06	23.94	396.12
MW-1	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	420.06	---	---
MW-1	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.06	---	---
MW-1	06/05/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.06	---	---
MW-1	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.06	---	---
MW-1	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.06	---	---
MW-1	02/15/2008	Insufficient water	---	---	---	---	---	---	---	---	---	---	420.06	26.45	393.61
MW-1	05/22/2008	Well destroyed	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1R	03/11/2010	---	---	---	---	---	---	---	---	---	---	---	---	26.56	---
MW-1R	03/19/2010	<50	91	<0.50	<1.0	<1.0	<1.0	1.7	2,400	<2.0	<2.0	<2.0	---	26.09	---
MW-1R	05/07/2010	<50	140	<1.0	<2.0	<2.0	<2.0	2.2	3,300	<4.0	<4.0	<4.0	---	24.00	---
MW-1R	08/09/2010	<50	300	<2.5	<5.0	<5.0	<5.0	5.9	9,600	<10	<10	<10	---	27.91	---
MW-1R	11/08/2010	<50	86	<0.50	<1.0	<1.0	<1.0	3.3	2,500	<2.0	<2.0	<2.0	421.41	33.60	387.81
MW-1R	01/25/2011	<480	<50	<0.50	<0.50	<0.50	<1.0	1.4	1,100	<1.0	<1.0	<1.0	421.41	29.34	392.07
MW-1R	05/23/2011	<48	<250	<2.5	<2.5	<2.5	<5.0	<5.0	2,400	<5.0	<5.0	<5.0	421.41	21.29	400.12
MW-1R	07/26/2011	<48	210 i	<2.0	<2.0	<2.0	<4.0	<4.0	4,500	<4.0	<4.0	<4.0	421.41	22.70	398.71
MW-1R	11/03/2011	---	---	---	---	---	---	---	---	---	---	---	421.41	31.30	390.11
MW-1R	11/04/2011	<47	<250	<2.5	<2.5	<2.5	<5.0	5.5	5,600	<5.0	<5.0	<5.0	421.41	---	---
MW-2	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	20.72	---
MW-2	05/19/2005	<50 c	<500	<5.0	<5.0	<5.0	<10	11	4,200	<20	<20	<20	418.88	21.26	397.62
MW-2	08/15/2005	<50 c	<1,000	<10	<10	<10	<20	<10	7,500	<40	<40	<40	418.88	25.33	393.55
MW-2	11/08/2005	Well dry	---	---	---	---	---	---	---	---	---	---	418.88	---	---
MW-2	01/30/2006	401 c	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	1,310	<0.500	<0.500	<0.500	418.88	25.87	393.01

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHd</i> ($\mu\text{g/L}$)	<i>TPHg</i> ($\mu\text{g/L}$)	<i>B</i> ($\mu\text{g/L}$)	<i>T</i> ($\mu\text{g/L}$)	<i>E</i> ($\mu\text{g/L}$)	<i>X</i> ($\mu\text{g/L}$)	<i>MTBE</i> ($\mu\text{g/L}$)	<i>TBA</i> ($\mu\text{g/L}$)	<i>DIPE</i> ($\mu\text{g/L}$)	<i>ETBE</i> ($\mu\text{g/L}$)	<i>TAME</i> ($\mu\text{g/L}$)	<i>TOC</i> (ft MSL)	<i>Depth to</i> <i>Water</i> (ft TOC)	<i>GW</i> <i>Elevation</i> (ft MSL)
MW-2	05/19/2006	134	398	<0.500	<0.500	<0.500	<0.500	7.65	4,910	<0.500	<0.500	<0.500	418.88	21.75	397.13
MW-2	08/24/2006	<46.9	<50.0	<0.500	<0.500	<0.500	<0.500	2.82	4,070	<0.500	<0.500	<0.500	418.88	24.60	394.28
MW-2	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	418.88	---	---
MW-2	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	418.88	---	---
MW-2	06/05/2007	Insufficient water	---	---	---	---	---	---	---	---	---	---	418.88	26.54	392.34
MW-2	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	418.88	---	---
MW-2	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	418.88	---	---
MW-2	02/15/2008	Insufficient water	---	---	---	---	---	---	---	---	---	---	418.88	26.15	392.73
MW-2	05/22/2008	Well destroyed	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2R	05/11/2011	---	---	---	---	---	---	---	---	---	---	---	415.82	20.87	394.95
MW-2R	05/23/2011	140	1,100	<0.50	<0.50	<0.50	<1.0	1.5	140	<1.0	<1.0	<1.0	415.82	25.20	390.62
MW-2R	07/26/2011	64	370	<0.50	<0.50	<0.50	<1.0	<1.0	1,200	<1.0	<1.0	<1.0	415.82	21.48	394.34
MW-2R	11/03/2011	---	---	---	---	---	---	---	---	---	---	---	415.82	28.92	386.90
MW-2R	11/04/2011	51	610	<0.50 I	<0.50 I	<0.50 I	<1.0 I	1.8 I	220 I	<1.0 I	<1.0 I	<1.0 I	415.82	---	---
MW-2RB	05/11/2011	---	---	---	---	---	---	---	---	---	---	---	415.66	22.28	393.38
MW-2RB	05/23/2011	61	<50	<0.50	<0.50	<0.50	<1.0	29	10	<1.0	<1.0	<1.0	415.66	21.77	393.89
MW-2RB	07/26/2011	69	59	<0.50	<0.50	<0.50	<1.0	28	<10	<1.0	<1.0	<1.0	415.66	23.40	392.26
MW-2RB	11/03/2011	88	110	<0.50	<0.50	<0.50	<1.0	18	<10	<1.0	<1.0	<1.0	415.66	30.72	384.94
MW-2RC	05/11/2011	---	---	---	---	---	---	---	---	---	---	---	415.97	27.01	388.96
MW-2RC	05/13/2011	---	---	---	---	---	---	---	---	---	---	---	415.97	29.95	386.02
MW-2RC	05/23/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	31	14	<1.0	<1.0	<1.0	415.97	27.01	388.96
MW-2RC	07/26/2011	<49	69	<0.50	<0.50	<0.50	<1.0	32	<10	<1.0	<1.0	<1.0	415.97	28.22	387.75
MW-2RC	11/03/2011	---	---	---	---	---	---	---	---	---	---	---	415.97	35.65	380.32
MW-2RC	11/04/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	46	<10	<1.0	<1.0	<1.0	415.97	---	---
MW-3	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	19.08	---
MW-3	05/19/2005	120 c,e	<50	<0.50	<0.50	<0.50	<1.0	40	6.5	<2.0	<2.0	<2.0	417.24	19.08	398.16
MW-3	08/15/2005	73 c	<50	<0.50	<0.50	<0.50	<1.0	34	<5.0	<2.0	<2.0	<2.0	417.24	22.20	395.04

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-3	11/08/2005	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	01/30/2006	412 c	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	417.24	23.64	393.60
MW-3	05/19/2006	183	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	417.24	19.00	398.24
MW-3	08/24/2006	214	<50.0	<0.500	<0.500	<0.500	<0.500	3.11	661	<0.500	<0.500	<0.500	417.24	21.84	395.40
MW-3	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	06/05/2007	230	<50 f	<0.50	<1.0	<1.0	<1.0	0.38 g	<10	<2.0	<2.0	<2.0	417.24	23.80	393.44
MW-3	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	02/15/2008	Insufficient water	---	---	---	---	---	---	---	---	---	---	417.24	23.60	393.64
MW-3	05/22/2008	Well destroyed	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-3R	03/11/2010	---	---	---	---	---	---	---	---	---	---	---	---	22.60	---
MW-3R	03/19/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	22.30	---
MW-3R	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	21.14	---
MW-3R	08/09/2010	<50	<50	4.7	<1.0	<1.0	1.2	<1.0	<10	<2.0	<2.0	<2.0	---	24.20	---
MW-3R	11/08/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	417.18	27.60	389.58
MW-3R	01/25/2011	<490	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	417.18	24.36	392.82
MW-3R	05/23/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	417.18	18.31	398.87
MW-3R	07/26/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	417.18	18.72	398.46
MW-3R	11/03/2011	---	---	---	---	---	---	---	---	---	---	---	417.18	25.59	391.59
MW-3R	11/04/2011	77	<50 k	<0.50 k	<0.50 k	<0.50 k	<1.0 k	<1.0 k	<10 k	<1.0 k	<1.0 k	<1.0 k	417.18	---	---
MW-4	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	19.77	---
MW-4	05/19/2005	59 c,e	97	0.66	<0.50	<0.50	<1.0	4.8	8.2	<2.0	<2.0	<2.0	420.52	19.85	400.67
MW-4	08/15/2005	<50 c	67	<0.50	<0.50	<0.50	<1.0	0.86	<5.0	<2.0	<2.0	<2.0	420.52	23.34	397.18
MW-4	11/08/2005	Well dry	---	---	---	---	---	---	---	---	---	---	420.52	---	---
MW-4	01/30/2006	112 c	<50.0	<0.500	<0.500	<0.500	<0.500	1.63	<10.0	<0.500	<0.500	<0.500	420.52	24.13	396.39
MW-4	05/19/2006	<46.9	<50.0	<0.500	<0.500	<0.500	<0.500	1.08	<10.0	<0.500	<0.500	<0.500	420.52	19.79	400.73
MW-4	08/24/2006	<47.2	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	78.3	<0.500	<0.500	<0.500	420.52	22.50	398.02
MW-4	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	420.52	---	---

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to	GW
														Water (ft TOC)	Elevation (ft MSL)
MW-4	01/29/2007	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	420.52	25.82	394.70
MW-4	06/05/2007	120	62 f	<0.50	<1.0	<1.0	<1.0	1.4	<10	<2.0	<2.0	<2.0	420.52	24.32	396.20
MW-4	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.52	---	---
MW-4	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.52	---	---
MW-4	02/15/2008	<50	56 f	<0.50	<1.0	<1.0	<1.0	2.9	<10	<2.0	<2.0	<2.0	420.52	24.34	396.18
MW-4	05/22/2008	Well destroyed	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5	08/21/2006	---	---	---	---	---	---	---	---	---	---	---	416.88	25.25	391.63
MW-5	08/24/2006	108	<50.0	<0.500	<0.500	<0.500	<0.500	3.33	21.0	<0.500	<0.500	<0.500	416.88	25.70	391.18
MW-5	11/02/2006	---	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	416.88	28.00	388.88
MW-5	01/29/2007	66	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	416.88	27.80	389.08
MW-5	06/05/2007	2,200 e	<50 f	<0.50	<1.0	<1.0	<1.0	0.56 g	<10	<2.0	<2.0	<2.0	416.88	27.72	389.16
MW-5	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	11/30/2007	Insufficient water	---	---	---	---	---	---	---	---	---	---	416.88	28.39	388.49
MW-5	02/15/2008	Insufficient water	---	---	---	---	---	---	---	---	---	---	416.88	27.55	389.33
MW-5	05/27/2008	83	<50	<0.50	<1.0	<1.0	<1.0	4.3	<10	<2.0	<2.0	<2.0	416.88	26.68	390.20
MW-5	08/05/2008	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	11/17/2008	Insufficient water	---	---	---	---	---	---	---	---	---	---	416.88	28.48	388.40
MW-5	02/05/2009	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	05/07/2009	Insufficient water	---	---	---	---	---	---	---	---	---	---	416.88	27.78	389.10
MW-5	08/20/2009	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	11/10/2009	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	02/15/2010	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	416.88	26.18	390.70
MW-5	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	1.5	<10	<2.0	<2.0	<2.0	416.88	23.64	393.24
MW-5	08/09/2010	Insufficient water	---	---	---	---	---	---	---	---	---	---	416.88	28.41	388.47
MW-5	11/08/2010	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	01/25/2011	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	05/23/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	1.3	<10	<1.0	<1.0	<1.0	416.88	21.31	395.57
MW-5	07/26/2011	<50	<50	<0.50	<0.50	<0.50	<1.0	1.4	<10	<1.0	<1.0	<1.0	416.88	22.87	394.01
MW-5	11/03/2011	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHd</i> (µg/L)	<i>TPHg</i> (µg/L)	<i>B</i> (µg/L)	<i>T</i> (µg/L)	<i>E</i> (µg/L)	<i>X</i> (µg/L)	<i>MTBE</i> (µg/L)	<i>TBA</i> (µg/L)	<i>DIPE</i> (µg/L)	<i>ETBE</i> (µg/L)	<i>TAME</i> (µg/L)	<i>TOC</i> (ft MSL)	<i>Depth to</i> <i>Water</i> (ft TOC)	<i>GW</i> <i>Elevation</i> (ft MSL)
MW-5B	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	417.66	29.74	387.92
MW-5B	02/15/2008	<50	110 e,f	<0.50	<1.0	<1.0	<1.0	1,700	250	<2.0	<2.0	<2.0	417.66	28.85	388.81
MW-5B	05/27/2008	<50	620	<2.5	<5.0	<5.0	<5.0	590	<50	<10	<10	<10	417.66	27.89	389.77
MW-5B	08/05/2008	140	470	<2.5	<5.0	<5.0	<5.0	430	<50	<10	<10	<10	417.66	32.21	385.45
MW-5B	11/17/2008	<50	1,100	<2.5	<5.0	<5.0	<5.0	830	<50	<10	<10	<10	417.66	35.25	382.41
MW-5B	02/05/2009	<50	1,100	<2.5	<5.0	<5.0	<5.0	1,000	<50	<10	<10	<10	417.66	34.94	382.72
MW-5B	05/07/2009	<50	680	<2.5	<5.0	<5.0	<5.0	780	<50	<10	<10	<10	417.66	28.58	389.08
MW-5B	08/20/2009	<50	800	<2.5	<5.0	<5.0	<5.0	840	<50	<10	<10	<10	417.66	32.66	385.00
MW-5B	11/10/2009	<50	790	<2.5	<5.0	<5.0	<5.0	750	<50	<10	<10	<10	417.66	34.64	383.02
MW-5B	02/15/2010	<50	710	<2.5	<5.0	<5.0	<5.0	730	<50	<10	<10	<10	417.66	30.20	387.46
MW-5B	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	417.66	27.39	390.27
MW-5B	05/07/2010	<50	230	<1.0	<2.0	<2.0	<2.0	330	<20	<4.0	<4.0	<4.0	417.66	26.13	391.53
MW-5B	08/09/2010	<50	310	<1.0	<2.0	<2.0	<2.0	360	<20	<4.0	<4.0	<4.0	417.66	30.31	387.35
MW-5B	11/08/2010	<50	340	<1.0	<2.0	<2.0	<2.0	370	<20	<4.0	<4.0	<4.0	417.66	24.80	392.86
MW-5B	01/25/2011	<480	120	<1.2	<1.2	<1.2	<2.5	210	200	<2.5	<2.5	<2.5	417.66	30.25	387.41
MW-5B	05/23/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	72	<10	<1.0	<1.0	<1.0	417.66	22.41	395.25
MW-5B	07/26/2011	150 i	<50	0.70	0.84	0.61	2.0	26	<10	<1.0	<1.0	<1.0	417.66	24.17	393.49
MW-5B	11/03/2011	---	---	---	---	---	---	---	---	---	---	---	417.66	31.59	386.07
MW-5B	11/04/2011	<47	250	<0.50	<0.50	<0.50	<1.0	290	12 j	<1.0	<1.0	<1.0	417.66	---	---
MW-5C	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	417.10	33.97	383.13
MW-5C	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	360	97	<2.0	<2.0	<2.0	417.10	34.25	382.85
MW-5C	05/27/2008	<50	350	<2.5	<5.0	<5.0	<5.0	290	<50	<10	<10	<10	417.10	33.97	383.13
MW-5C	08/05/2008	<50	210	<1.0	<2.0	<2.0	<2.0	180	<20	<4.0	<4.0	<4.0	417.10	37.30	379.80
MW-5C	11/17/2008	<50	180	<1.0	<2.0	<2.0	<2.0	120	<20	<4.0	<4.0	<4.0	417.10	40.23	376.87
MW-5C	02/05/2009	<50	180	<1.0	<2.0	<2.0	<2.0	150	<20	<4.0	<4.0	<4.0	417.10	39.70	377.40
MW-5C	05/07/2009	<50	150	<1.0	<2.0	<2.0	<2.0	160	<20	<4.0	<4.0	<4.0	417.10	33.91	383.19
MW-5C	08/20/2009	<50	150	<1.0	<2.0	<2.0	<2.0	130	<20	<4.0	<4.0	<4.0	417.10	38.82	378.28
MW-5C	11/10/2009	<50	190	<1.0	<2.0	<2.0	<2.0	170	<20	<4.0	<4.0	<4.0	417.10	40.44	376.66
MW-5C	02/15/2010	<50	150	<0.50	<1.0	<1.0	<1.0	160	<10	<2.0	<2.0	<2.0	417.10	35.41	381.69

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHd</i> (µg/L)	<i>TPHg</i> (µg/L)	<i>B</i> (µg/L)	<i>T</i> (µg/L)	<i>E</i> (µg/L)	<i>X</i> (µg/L)	<i>MTBE</i> (µg/L)	<i>TBA</i> (µg/L)	<i>DIPE</i> (µg/L)	<i>ETBE</i> (µg/L)	<i>TAME</i> (µg/L)	<i>TOC</i> (ft MSL)	<i>Depth to</i> <i>Water</i> (ft TOC)	<i>GW</i> <i>Elevation</i> (ft MSL)
MW-5C	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	417.10	33.08	384.02
MW-5C	05/07/2010	<50	110	<0.50	<1.0	<1.0	<1.0	150	<10	<2.0	<2.0	<2.0	417.10	31.84	385.26
MW-5C	08/09/2010	<50	160	0.73	<1.0	<1.0	<1.0	190	<10	<2.0	<2.0	<2.0	417.10	35.79	381.31
MW-5C	11/08/2010	66 e	150	<0.50	<1.0	<1.0	<1.0	160	<10	<2.0	<2.0	<2.0	417.10	39.50	377.60
MW-5C	01/25/2011	<480	<50	<0.50	<0.50	<0.50	<1.0	83	91	<1.0	<1.0	<1.0	417.10	35.28	381.82
MW-5C	05/23/2011	<47	160 i	<0.50	<0.50	<0.50	<1.0	210	<10	<1.0	<1.0	<1.0	417.10	27.98	389.12
MW-5C	07/26/2011	110 i	210 i	<0.50	0.59	<0.50	1.7	190	14 j	<1.0	<1.0	<1.0	417.10	28.64	388.46
MW-5C	11/03/2011	---	---	---	---	---	---	---	---	---	---	---	417.10	36.92	380.18
MW-5C	11/04/2011	<47	170	<0.50	<0.50	<0.50	<1.0	200	<10	<1.0	<1.0	<1.0	417.10	---	---
MW-6	02/28/2006	---	---	---	---	---	---	---	---	---	---	---	422.50	23.55	398.95
MW-6	03/03/2006	104 c	<50.0	<0.500	<0.500	<0.500	<0.500	4.93	<10.0	<0.500	<0.500	<0.500	422.50	23.30	399.20
MW-6	05/19/2006	<46.9 c	<50.0	<0.500	<0.500	<0.500	<0.500	5.76	<10.0	<0.500	<0.500	<0.500	422.50	20.31	402.19
MW-6	08/24/2006	<47.2	<50.0	<0.500	<0.500	<0.500	<0.500	0.870	<10.0	<0.500	<0.500	<0.500	422.50	23.69	398.81
MW-6	11/02/2006	---	---	---	---	---	---	---	---	---	---	---	422.50	28.51	393.99
MW-6	01/29/2007	<50	<50	<0.50	<0.50	<0.50	<1.0	1.7	<5.0	<2.0	<2.0	<2.0	422.50	27.08	395.42
MW-6	06/05/2007	97	<50 f	<0.50	<1.0	<1.0	<1.0	1.1	<10	<2.0	<2.0	<2.0	422.50	25.77	396.73
MW-6	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	422.50	---	---
MW-6	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	422.50	---	---
MW-6	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	9.0	<10	<2.0	<2.0	<2.0	422.50	25.56	396.94
MW-6	05/22/2008	Well destroyed	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-7	08/21/2006	---	---	---	---	---	---	---	---	---	---	---	414.35	25.84	388.51
MW-7	08/24/2006	<47.2	<50.0	<0.500	<0.500	<0.500	<0.500	2.63	751	<0.500	<0.500	<0.500	414.35	26.21	388.14
MW-7	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	06/05/2007	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	02/15/2008	Insufficient water	---	---	---	---	---	---	---	---	---	---	414.35	27.95	386.40
MW-7	05/27/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	2.0	<10	<2.0	<2.0	<2.0	414.35	26.93	387.42

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-7	08/05/2008	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	11/17/2008	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	02/05/2009	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	05/07/2009	Insufficient water	---	---	---	---	---	---	---	---	---	---	414.35	27.96	386.39
MW-7	08/20/2009	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	11/10/2009	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	02/15/2010	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	414.35	27.55	386.80
MW-7	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	414.35	25.02	389.33
MW-7	08/09/2010	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	11/08/2010	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	01/25/2011	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	02/16/2011	Well destroyed	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-8	08/21/2006	---	---	---	---	---	---	---	---	---	---	---	414.54	23.02	391.52
MW-8	08/24/2006	74.5	110	<0.500	<0.500	<0.500	<0.500	4.62	6,610	<0.500	<0.500	<0.500	414.54	23.17	391.37
MW-8	11/02/2006	96	92	<0.50	<0.50	<0.50	<1.0	1.4	2,300	<2.0	<2.0	<2.0	414.54	27.69	386.85
MW-8	01/29/2007	<50	<50	<0.50	<0.50	<0.50	<1.0	0.51	350	<2.0	<2.0	<2.0	414.54	26.40	388.14
MW-8	06/05/2007	120	<50 f	<0.50	<1.0	<1.0	<1.0	0.48 g	290	<2.0	<2.0	<2.0	414.54	25.17	389.37
MW-8	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	414.54	---	---
MW-8	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	414.54	---	---
MW-8	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	414.54	24.66	389.88
MW-8	05/27/2008	<50	58	<0.50	<1.0	<1.0	<1.0	1.4	520	<2.0	<2.0	<2.0	414.54	25.98	388.56
MW-8	08/05/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	34	<2.0	<2.0	<2.0	414.54	26.62	387.92
MW-8	11/17/2008	Well dry	---	---	---	---	---	---	---	---	---	---	414.54	---	---
MW-8	02/05/2009	Insufficient water	---	---	---	---	---	---	---	---	---	---	414.54	28.62	385.92
MW-8	05/07/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	414.54	24.20	390.34
MW-8	08/20/2009	Insufficient water	---	---	---	---	---	---	---	---	---	---	414.54	28.31	386.23
MW-8	11/10/2009	Insufficient water	---	---	---	---	---	---	---	---	---	---	414.54	28.52	386.02
MW-8	02/15/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	414.54	25.93	388.61
MW-8	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	414.54	23.89	390.65

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHd</i> ($\mu\text{g/L}$)	<i>TPHg</i> ($\mu\text{g/L}$)	<i>B</i> ($\mu\text{g/L}$)	<i>T</i> ($\mu\text{g/L}$)	<i>E</i> ($\mu\text{g/L}$)	<i>X</i> ($\mu\text{g/L}$)	<i>MTBE</i> ($\mu\text{g/L}$)	<i>TBA</i> ($\mu\text{g/L}$)	<i>DIPE</i> ($\mu\text{g/L}$)	<i>ETBE</i> ($\mu\text{g/L}$)	<i>TAME</i> ($\mu\text{g/L}$)	<i>TOC</i> (ft MSL)	<i>Depth to Water</i> (ft TOC)	<i>GW Elevation</i> (ft MSL)
MW-8	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	15	<2.0	<2.0	<2.0	414.54	22.32	392.22
MW-8	08/09/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	1.5	510	<2.0	<2.0	<2.0	414.54	26.31	388.23
MW-8	11/08/2010	Well dry	---	---	---	---	---	---	---	---	---	---	414.54	---	---
MW-8	01/25/2011	<470	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	414.54	25.96	388.58
MW-8	05/23/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	2.0	600	<1.0	<1.0	<1.0	414.54	20.12	394.42
MW-8	07/26/2011	<49	<200	<2.0	<2.0	<2.0	<4.0	5.4	2,800	<4.0	<4.0	<4.0	414.54	21.15	393.39
MW-8	11/03/2011	---	---	---	---	---	---	---	---	---	---	---	414.54	27.15	387.39
MW-8	11/04/2011	940	<50	<0.50	<0.50	<0.50	<1.0	1.3	210	<1.0	<1.0	<1.0	414.54	---	---
MW-8B	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	414.81	26.81	388.00
MW-8B	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	17	65	<2.0	<2.0	<2.0	414.81	26.23	388.58
MW-8B	05/27/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	23	33	<2.0	<2.0	<2.0	414.81	25.51	389.30
MW-8B	08/05/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	11	<10	<2.0	<2.0	<2.0	414.81	28.72	386.09
MW-8B	11/17/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	6.3	<10	<2.0	<2.0	<2.0	414.81	31.66	383.15
MW-8B	02/05/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	5.4	<10	<2.0	<2.0	<2.0	414.81	30.97	383.84
MW-8B	05/07/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	6.4	<10	<2.0	<2.0	<2.0	414.81	25.92	388.89
MW-8B	08/20/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	3.8	<10	<2.0	<2.0	<2.0	414.81	30.13	384.68
MW-8B	11/10/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	2.5	<10	<2.0	<2.0	<2.0	414.81	30.28	384.53
MW-8B	02/15/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	2.2	<10	<2.0	<2.0	<2.0	414.81	27.54	387.27
MW-8B	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	414.81	25.36	389.45
MW-8B	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	1.9	<10	<2.0	<2.0	<2.0	414.81	23.18	391.63
MW-8B	08/09/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	2.0	<10	<2.0	<2.0	<2.0	414.81	27.90	386.91
MW-8B	11/08/2010	58 e	<50	<0.50	<1.0	<1.0	<1.0	1.4	<10	<2.0	<2.0	<2.0	414.81	31.22	383.59
MW-8B	01/25/2011	<500	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	414.81	27.44	387.37
MW-8B	05/23/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	1.4	<10	<1.0	<1.0	<1.0	414.81	21.18	393.63
MW-8B	07/26/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	1.4	<10	<1.0	<1.0	<1.0	414.81	21.65	393.16
MW-8B	11/03/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	414.81	28.83	385.98
MW-9	08/21/2006	---	---	---	---	---	---	---	---	---	---	---	412.69	27.75	384.94
MW-9	08/24/2006	69.9	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	86.8	<0.500	<0.500	<0.500	412.69	28.35	384.34
MW-9	11/02/2006	---	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	412.69	28.43	384.26

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHd</i> ($\mu\text{g/L}$)	<i>TPHg</i> ($\mu\text{g/L}$)	<i>B</i> ($\mu\text{g/L}$)	<i>T</i> ($\mu\text{g/L}$)	<i>E</i> ($\mu\text{g/L}$)	<i>X</i> ($\mu\text{g/L}$)	<i>MTBE</i> ($\mu\text{g/L}$)	<i>TBA</i> ($\mu\text{g/L}$)	<i>DIPE</i> ($\mu\text{g/L}$)	<i>ETBE</i> ($\mu\text{g/L}$)	<i>TAME</i> ($\mu\text{g/L}$)	<i>TOC</i> (<i>ft MSL</i>)	<i>Depth to</i> <i>Water</i> (<i>ft TOC</i>)	<i>GW</i> <i>Elevation</i> (<i>ft MSL</i>)
MW-9	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	06/05/2007	Insufficient water	---	---	---	---	---	---	---	---	---	---	412.69	28.72	383.97
MW-9	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	02/15/2008	Insufficient water	---	---	---	---	---	---	---	---	---	---	412.69	28.00	384.69
MW-9	05/27/2008	---	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	412.69	27.93	384.76
MW-9	08/05/2008	Insufficient water	---	---	---	---	---	---	---	---	---	---	412.69	28.40	384.29
MW-9	11/17/2008	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	02/05/2009	Insufficient water	---	---	---	---	---	---	---	---	---	---	412.69	28.54	384.15
MW-9	05/07/2009	Insufficient water	---	---	---	---	---	---	---	---	---	---	412.69	28.41	384.28
MW-9	08/20/2009	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	11/10/2009	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	02/15/2010	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	412.69	28.75	383.94
MW-9	05/07/2010	Insufficient water	---	---	---	---	---	---	---	---	---	---	412.69	28.35	384.34
MW-9	08/09/2010	330 e	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	412.69	28.03	384.66
MW-9	11/08/2010	730 e	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	412.69	28.50	384.19
MW-9	01/25/2011	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	02/16/2011	Well destroyed	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-10	08/21/2006	---	---	---	---	---	---	---	---	---	---	---	419.48	23.90	395.58
MW-10	08/24/2006	100	626	1.04	<0.500	1.22	<0.500	12.4	5,740	<0.500	<0.500	<0.500	419.48	24.02	395.46
MW-10	11/02/2006	---	---	---	---	---	---	---	---	---	---	---	419.48	28.50	390.98
MW-10	01/29/2007	<50	91	<0.50	<0.50	<0.50	<1.0	4.9	1,900	<2.0	<2.0	<2.0	419.48	27.30	392.18
MW-10	06/05/2007	150	82 f	<0.50	<1.0	<1.0	<1.0	1.3	540	<2.0	<2.0	<2.0	419.48	26.09	393.39
MW-10	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	419.48	---	---
MW-10	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	419.48	---	---
MW-10	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	1.6	500	<2.0	<2.0	<2.0	419.48	25.58	393.90
MW-10	05/22/2008	Well destroyed	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-11	08/21/2006	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHd</i> ($\mu\text{g/L}$)	<i>TPHg</i> ($\mu\text{g/L}$)	<i>B</i> ($\mu\text{g/L}$)	<i>T</i> ($\mu\text{g/L}$)	<i>E</i> ($\mu\text{g/L}$)	<i>X</i> ($\mu\text{g/L}$)	<i>MTBE</i> ($\mu\text{g/L}$)	<i>TBA</i> ($\mu\text{g/L}$)	<i>DIPE</i> ($\mu\text{g/L}$)	<i>ETBE</i> ($\mu\text{g/L}$)	<i>TAME</i> ($\mu\text{g/L}$)	<i>TOC</i> (ft MSL)	<i>Depth to Water</i> (ft TOC)	<i>GW Elevation</i> (ft MSL)
MW-11	08/24/2006	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	06/05/2007	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	02/15/2008	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	05/27/2008	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/05/2008	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/17/2008	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	02/05/2009	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	05/07/2009	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/20/2009	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/10/2009	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	02/15/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	03/19/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	05/07/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/09/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/08/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	01/25/2011	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	02/17/2011	Well destroyed	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-11B	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	409.03	31.47	377.56
MW-11B	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	31.53	377.50
MW-11B	05/27/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	30.83	378.20
MW-11B	08/05/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	33.51	375.52
MW-11B	11/17/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	35.80	373.23
MW-11B	02/05/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	36.11	372.92
MW-11B	05/07/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	31.21	377.82
MW-11B	08/20/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	34.68	374.35
MW-11B	11/10/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	35.74	373.29

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to	GW
														Water (ft TOC)	Elevation (ft MSL)
MW-11B	02/15/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	32.30	376.73
MW-11B	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	409.03	30.54	378.49
MW-11B	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	28.62	380.41
MW-11B	08/09/2010	<50	<50	5.6	<1.0	<1.0	1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	32.62	376.41
MW-11B	11/08/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	35.95	373.08
MW-11B	01/25/2011	<470	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	409.03	32.92	376.11
MW-11B	05/23/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	409.03	27.28	381.75
MW-11B	07/26/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	409.03	27.78	381.25
MW-11B	11/03/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	409.03	33.50	375.53
MW-12	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	411.18	31.10	380.08
MW-12	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	31.22	379.96
MW-12	05/27/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	30.53	380.65
MW-12	08/05/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	33.29	377.89
MW-12	11/17/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	35.20	375.98
MW-12	02/05/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	35.12	376.06
MW-12	05/07/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	30.81	380.37
MW-12	08/20/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	34.21	376.97
MW-12	11/10/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	34.75	376.43
MW-12	02/15/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	31.99	379.19
MW-12	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	411.18	30.34	380.84
MW-12	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	28.58	382.60
MW-12	08/09/2010	<50	<50	6.0	<1.0	<1.0	1.2	<1.0	<10	<2.0	<2.0	<2.0	411.18	32.42	378.76
MW-12	11/08/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	35.18	376.00
MW-12	01/25/2011	<490	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	411.18	32.52	378.66
MW-12	05/23/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	411.18	27.10	384.08
MW-12	07/26/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	411.18	27.36	383.82
MW-12	11/03/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	411.18	33.39	377.79
MW-13	05/13/2011	---	---	---	---	---	---	---	---	---	---	---	415.77	24.60	391.17
MW-13	05/23/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	415.77	24.57	391.20

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHd</i> ($\mu\text{g/L}$)	<i>TPHg</i> ($\mu\text{g/L}$)	<i>B</i> ($\mu\text{g/L}$)	<i>T</i> ($\mu\text{g/L}$)	<i>E</i> ($\mu\text{g/L}$)	<i>X</i> ($\mu\text{g/L}$)	<i>MTBE</i> ($\mu\text{g/L}$)	<i>TBA</i> ($\mu\text{g/L}$)	<i>DIPE</i> ($\mu\text{g/L}$)	<i>ETBE</i> ($\mu\text{g/L}$)	<i>TAME</i> ($\mu\text{g/L}$)	<i>TOC</i> (ft MSL)	<i>Depth to Water</i> (ft TOC)	<i>GW Elevation</i> (ft MSL)	
MW-13	07/26/2011	<49	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	415.77	26.60	389.17	
MW-13	11/03/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	<1.0	57	<1.0	<1.0	<1.0	415.77	34.62	381.15	
MW-13B	05/13/2011	---	---	---	---	---	---	---	---	---	---	---	415.39	23.40	391.99	
MW-13B	05/23/2011	210	<50	<0.50	<0.50	<0.50	<1.0	17	<10	<1.0	<1.0	<1.0	415.39	23.04	392.35	
MW-13B	07/26/2011	230	<50	<0.50	<0.50	<0.50	<1.0	42	<10	<1.0	<1.0	<1.0	415.39	25.01	390.38	
MW-13B	11/03/2011	80	<50	<0.50	<0.50	<0.50	<1.0	2.0	<10	<1.0	<1.0	<1.0	415.39	31.49	383.90	
MW-13C	05/13/2011	---	---	---	---	---	---	---	---	---	---	---	415.73	26.55	389.18	
MW-13C	05/23/2011	52	94	<0.50	<0.50	<0.50	<1.0	140	44	<1.0	<1.0	<1.0	415.73	26.24	389.49	
MW-13C	07/26/2011	54	<50	<0.50	<0.50	<0.50	<1.0	5.8	<10	<1.0	<1.0	<1.0	415.73	27.59	388.14	
MW-13C	11/03/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	5.7	<10	<1.0	<1.0	<1.0	415.73	33.62	382.11	
MW-14B	05/11/2011	---	---	---	---	---	---	---	---	---	---	---	413.33	20.37	392.96	
MW-14B	05/23/2011	58	<50	<0.50	<0.50	<0.50	<1.0	4.5	<10	<1.0	<1.0	<1.0	413.33	20.19	393.14	
MW-14B	07/26/2011	84	<50	<0.50	<0.50	<0.50	<1.0	4.9	<10	<1.0	<1.0	<1.0	413.33	21.47	391.86	
MW-14B	11/03/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	413.33	28.18	385.15	
MW-14C	05/11/2011	Well compromised during installation					---	---	---	---	---	---	---	413.48	---	---
MW-14C	05/23/2011	Well compromised during installation					---	---	---	---	---	---	---	413.48	---	---
MW-14C	07/26/2011	81	<50	<0.50	0.71	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	413.10	21.51	391.59	
MW-14C	09/09/2011	120	<50	<0.50	<0.50	<0.50	<1.0	30	<10	<1.0	<1.0	<1.0	413.10	29.39	383.71	
MW-14C	11/03/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	413.10	33.89	379.21	

Notes:

TPHd = Total petroleum hydrocarbons as diesel analyzed by modified EPA Method 8015 with silica gel clean-up unless otherwise noted

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B unless otherwise noted

BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B

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

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

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
8999 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHd</i>	<i>TPHg</i>	<i>B</i>	<i>T</i>	<i>E</i>	<i>X</i>	<i>MTBE</i>	<i>TBA</i>	<i>DIPE</i>	<i>ETBE</i>	<i>TAME</i>	<i>TOC</i>	<i>Depth to Water</i>	<i>GW Elevation</i>
		<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(µg/L)</i>	<i>(ft MSL)</i>	<i>(ft TOC)</i>	<i>(ft MSL)</i>

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

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

TOC = Top of casing elevation, in feet relative to mean sea level

GW = Groundwater

µg/L = Micrograms per liter

ft = Feet

MSL = Mean sea level

<x = Not detected at reporting limit x

--- = Not analyzed or available

c = TPHd analyzed without silica gel clean-up.

e = 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.

f = Analyzed by EPA Method 8015B (M)

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

i = Hydrocarbon result partly due to individual peak(s) in quantitation range

j = Due to the low levels of analyte found in the sample, the analyte was qualitatively identified based on the presence of a single mass ion.

k = Sample received and analyzed without chemical preservation

l = Sample container contained headspace

Site wells surveyed May 10, 2005 by Mid Coast Engineers

Well MW-6 surveyed March 3, 2006 by Mid Coast Engineers

Wells MW-1R and MW3R surveyed March 22, 2010 by Mid Coast Engineers

Wells MW-1R, MW-2R, MW-2RB, MW-2RC, MW-13, MW-13B, MW-13C, MW-14B, and MW-14C surveyed April 28, 2011 by Virgil Chavez Land Surveying

Well MW-14C surveyed September 12, 2011 by Virgil Chavez Land Surveying

APPENDIX A

BLAINE TECH SERVICES, INC. -
FIELD NOTES

WELL GAUGING DATA

Project # 111103-PC1

Date 11/3/11

Client Stell

Site 8999 San Ramon Rd, Dublin

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 <u>TOC</u>	Notes
MW-1R	0844	4					31.30	39.53		
MW-2R	0849	2					28.92	45.30		
MW-2RB	0825	2					30.72	68.31		
MW-2RC	0828	2					35.65	106.21		
MW-3R	0800	4					25.59	34.50		
MW-5	0810	4					Dry 28.51R	28.51		
MW-5B	0834	4					31.59	66.78		
MW-5C	0837	4					36.92	98.68		
MW-8	0835	4					27.15	28.82		
MW-8B	0815	4					28.83	68.70		
MW-11B	0809	4					33.50	38.26		
MW-12	0805	4					33.39	38.70		
MW-13	0804	2					34.62	44.79		
MW-13B	0819	2					31.49	68.30		
MW-13C	0816	2					33.62	94.98		
MW-4B	0826	2					28.18	68.17		
MW-4C	0830	2					33.89	100.35		

SHELL WELL MONITORING DATA SHEET

BTS #: <u>111103-PC1</u>	Site: <u>97565995</u>
Sampler: <u>PC</u>	Date: <u>11/3/11</u>
Well I.D.: <u>MW-39.53² IR</u>	Well Diameter: 2 3 ④ 6 8 _____
Total Well Depth (TD): <u>39.53</u>	Depth to Water (DTW): <u>31.30</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>32.95</u>	

Purge Method: Bailer Disposable Bailer Positive Air Displacement <input checked="" type="checkbox"/> Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: <input checked="" type="checkbox"/> Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____
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$\underline{5.3} \text{ (Gals.)} \times \underline{3} = \underline{15.9} \text{ Gals.}$ I Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1000	63.9	6.80	686.5	201	5.3	
1003	Well dewatered					
1140	63.1	7.01	770.1	>1000	—	

Did well dewater? Yes No Gallons actually evacuated: 5

Sampling Date: 11/4/11 Sampling Time: 1140 Depth to Water: 32.02

Sample I.D.: MW-IR Laboratory: Test America Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

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 #: <u>111103-PC1</u>	Site: <u>97565995</u>
Sampler: <u>PC</u>	Date: <u>11/4/11</u>
Well I.D.: <u>MW-2R</u>	Well Diameter: <u>3</u> 4 6 8
Total Well Depth (TD) <u>45.30</u>	Depth to Water (DTW): <u>28.92</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>32.20</u>	

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

<u>2.6</u>	(Gals.) X	<u>3</u>	Specified Volumes	=	<u>7.8</u>	Gals.	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
<u>1058</u>	<u>62.2</u>	<u>6.85</u>	<u>863.3</u>	<u>141</u>	<u>2.6</u>	
<u>1107</u>	<u>62.4</u>	<u>6.74</u>	<u>873.1</u>	<u>384</u>	<u>5.2</u>	
<u>1112</u>	<u>well de-aerated</u>					
<u>1315</u>	<u>62.4</u>	<u>6.85</u>	<u>834.7</u>	<u>170</u>	-	

Did well de-aerated? Yes No Gallons actually evacuated: 6

Sampling Date: 11/4/11 Sampling Time: 1315 Depth to Water: 29.12

Sample I.D.: MW-2R Laboratory: Test America Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 111103-PC1	Site: A7565995
Sampler: PC	Date: 11/3/11
Well I.D.: MW-2RB	Well Diameter: ② 3 4 6 8 _____
Total Well Depth (TD): 68.31	Depth to Water (DTW): 30.72
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 38.24	

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

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____

6 (Gals.) X **3** = **18** 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 μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1440	64.4	6.99	889.3	21000	6	
1449	64.8	6.86	862.6	>1000	12	
1452	65.4	6.87	859.0	636	18	

Did well dewater? Yes No Gallons actually evacuated: **18**

Sampling Date: **11/3/11** Sampling Time: **1504** Depth to Water: **32.55**

Sample I.D.: **MW-2RB** Laboratory: Test America Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: _____

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):	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 11103-PC1	Site: 97565995
Sampler: PC	Date: 11/2/11
Well I.D.: MW-2RC	Well Diameter: <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="checkbox"/> _____
Total Well Depth (TD): 106.21	Depth to Water (DTW): 35.65
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): <input type="checkbox"/> YSI <input type="checkbox"/> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 49.76	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Watertra Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

11.3 (Gals.) X 3 = 33.9 Gals. I Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0816	60.5	7.60	1188	2000	11.3	
0830	Well dewatered				22.6 R	
1305	63.4	6.41	1189	151	-	

Did well dewater? Yes No Gallons actually evacuated: **20**

Sampling Date: **11/4/11** Sampling Time: **1305** Depth to Water: **81.09** (2 Hr.)

Sample I.D.: **MW-2RC** Laboratory: **Trest America** Other: _____

Analyzed for: **TPH-G BTEX** MTBE **TPH-D Oxygenates (5)** Other: _____

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 #: 111103-PC1	Site: 97565995
Sampler: PC	Date: 11/3/11
Well I.D.: MW-3R	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 34.50	Depth to Water (DTW): 29.59
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]: 27.37	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Water: Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

$5.8 \text{ (Gals.)} \times 3 = 17.4 \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														
I Case Volume Specified Volumes Calculated Volume																	

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
0750	61.7	9.09	711.9	50	5.8	
0752	Well dewatered					
1200	63.1	8.00	715.1	2000	—	

Did well dewater? Yes No Gallons actually evacuated: **7**

Sampling Date: **11/4/11** Sampling Time: **1200** Depth to Water: **26.00**

Sample I.D.: **MW-3R** Laboratory: **Test America** Other _____

Analyzed for: **TPH-G BTEX** MTBE **TPH-D Oxygenates (5)** Other: _____

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 #: <u>111103-PC1</u>	Site: <u>99565995</u>
Sampler: <u>PC</u>	Date: <u>11/3/11</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth (TD): <u>88.51</u>	Depth to Water (DTW): <u>Dry</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing
Other: _____		

_____ (Gals.) X _____ = _____ Gals. 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
						<u>Well dry - No sample</u>

Did well dewater?	Yes	No	Gallons actually evacuated:
Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.:	Laboratory:	Test America	Other _____
Analyzed for:	TPH-G	BTEX	MTBE TPH-D Oxygenates (5) Other:
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 #: 11103-PC1	Site: 97565995
Sampler: PC	Date: 11/2/11
Well I.D.: MW-5B	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 66.78	Depth to Water (DTW): 31.59
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]: 38.63	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Watertra Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

22.9 (Gals.) X **3** = **68.7** 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	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (S))	Turbidity (NTUs)	Gals. Removed	Observations
0852	64.7	7.18	1038	77	23	
0856	65.8	6.95	1031	110	46	
0900	65.3	6.99	1045	250	68.7	

Did well dewater? Yes No Gallons actually evacuated: **68.7**

Sampling Date: **11/2/11** Sampling Time: **1150** Depth to Water: **36.90**

Sample I.D.: **MW-5B** Laboratory: **Test America** Other _____

Analyzed for: **TPH-G BTEX** MTBE **TPH-D Oxygenates (5)** Other: _____

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 #: 11103-PC1	Site: 97565995
Sampler: PC	Date: 11/2/11
Well I.D.: MW-5C	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 98.68	Depth to Water (DTW): 36.92
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]: 49.27	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Water: Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

$40.1 \text{ (Gals.)} \times 3 = 120.3 \text{ Gals.}$ <p>1 Case Volume Specified Volumes Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1025	64.0	7.35	1142	389	40	
1030	well dewatered				80 ^R 52	
1335	63.1	7.20	1200	>1000	-	

Did well dewater? Yes No Gallons actually evacuated: **52**

Sampling Date: **11/4/11** Sampling Time: **1335** Depth to Water: **49.12**

Sample I.D.: **MW-5C** Laboratory: **Test America** Other: _____

Analyzed for: **TPH-G BTEX** MTBE **TPH-D Oxygenates (5)** Other: _____

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 #: 11103-PC1	Site: 97565995
Sampler: PC	Date: 11/3/11
Well I.D.: MW-8	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 28.82	Depth to Water (DTW): 27.15
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]: 27.48	

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing
 Other: _____

$\underline{1.1} \text{ (Gals.)} \times \underline{3} = \underline{3.3} \text{ Gals.}$ 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
0920	63.3	7.44	489.5	71000	1.1	
0925	well dewatered					
1130	62.7	6.88	476.5	71000	-	

Did well dewater? Yes No Gallons actually evacuated: **2**

Sampling Date: **11/4/11** Sampling Time: **1130** Depth to Water: **27.22**

Sample I.D.: **MW-8** Laboratory: **Test America** Other _____

Analyzed for: **TPH-G BTEX** MTBE **TPH-D Oxygenates (5)** Other: _____

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 #: 111103-PC1	Site: 97565995
Sampler: PC	Date: 11/3/11
Well I.D.: MW-8B	Well Diameter: 2 3 (4) 6 8 _____
Total Well Depth (TD): 68.70	Depth to Water (DTW): 28.83
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]: 36.80	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: X Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____
---	--	--

25.9 (Gals.) X **3** = **77.7** Gals.
 I 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 μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1020	64.3	7.09	723.8	41	25.9	
1024	65.5	7.00	756.8	275	51.8	
1026						Well dewatered @ 65 gals
1530	62.0	7.24	716.0	104	—	

Did well dewater? **(Yes)** No Gallons actually evacuated: **65.0**

Sampling Date: **11/3/11** Sampling Time: **1530** Depth to Water: **65.0** ^(28.83)

Sample I.D.: **MW-8B** Laboratory: **(Test America)** Other _____

Analyzed for: **(TPH-G BTEX)** MTBE **(TPH-D Oxygenates (5))** Other: _____

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 #: 11103-PC1	Site: 97565995
Sampler: PC	Date: 11/3/11
Well I.D.: MW-11B	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 38.26	Depth to Water (DTW): 33.50
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]: 34.45	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Water Treatment: Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

$\underline{3.1} \text{ (Gals.)} \times \underline{3} = \underline{9.3} \text{ Gals.}$ <p>I Case Volume Specified Volumes Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
0948	60.6	6.59	850.1	404	3.1	
0949	well dewatered					
1510	61.8	7.44	646.9	>1000		

Did well dewater? Yes No Gallons actually evacuated: **5**

Sampling Date: **11/3/11** Sampling Time: **1510** Depth to Water: **33.49** ✓

Sample I.D.: **MW-11B** Laboratory: **Iest America** Other _____

Analyzed for: **TPH-G BTEX** MTBE **TPH-D Oxygenates (5)** Other: _____

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 #: 111103-PC1	Site: 97565995
Sampler: PC	Date: 11/3/11
Well I.D.: MW-12	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 38.70	Depth to Water (DTW): 33.39
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]: 34.45	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Water: Waterra Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

3.5 (Gals.) X **3** = **10.5** 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 μ S)	Turbidity (NTUs)	Gals. Removed	Observations
0958	62.9	6.60	619.8	106	3.5	
0959	Well dewatered					
1520	63.2	2.23	603.5	>1000		

Did well dewater? Yes No Gallons actually evacuated: **4.5**

Sampling Date: **11/3/11** Sampling Time: **1520** Depth to Water: **33.43**

Sample I.D.: **MW-12** Laboratory: **Test America** Other _____

Analyzed for: **TPH-G BTEX** MTBE **TPH-D Oxygenates (5)** Other: _____

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 #: 111103-PC1	Site: 97565995
Sampler: PC	Date: 11/3/11
Well I.D.: MW-13	Well Diameter: ② 3 4 6 8 _____
Total Well Depth (TD): 44.79	Depth to Water (DTW): 34.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: ① PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 36.65	

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

Other: _____

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
0904	63.1	6.09	1064	71000	1.6	
0908	64.1	6.47	1027	71000	3.2	
0912	64.4	6.53	1034	71000	4.8	

Did well dewater? Yes No Gallons actually evacuated: **4.8**

Sampling Date: **11/3/11** Sampling Time: **0918** Depth to Water: **34.81**

Sample I.D.: **MW-13** Laboratory: **Test America** Other _____

Analyzed for: **TPH-G BTEX** MTBE **TPH-D Oxygenates (5)** Other:

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 #: 111103-PC1	Site: 97565995
Sampler: PC	Date: 11/3/11
Well I.D.: MW-13B	Well Diameter: <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8
Total Well Depth (TD): 68.30	Depth to Water (DTW): 31.49
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC <input type="radio"/> Grade	D.O. Meter (if req'd): <input type="radio"/> YSI <input type="radio"/> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 38.85	

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

Other: _____

$\underline{5.9} \text{ (Gals.)} \times \underline{3} = \underline{17.7} \text{ Gals.}$ <p>I Case Volume Specified Volumes Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <input checked="" type="radio"/> μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1350	65.8	7.40	1158	879	5.9	
1400	65.2	6.99	1153	543	11.8	
1409	64.7	6.97	1161	419	17.7	

Did well dewater? Yes No Gallons actually evacuated: **17.7**

Sampling Date: **11/3/11** Sampling Time: **1416** Depth to Water: **34.82**

Sample I.D.: **MW-13B** Laboratory: Test America Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: _____

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 #: 111103-PC1	Site: 97565995
Sampler: PC	Date: 11/3/11
Well I.D.: MW-13C	Well Diameter: <input checked="" type="radio"/> 2 3 4 6 8
Total Well Depth (TD): 94.98	Depth to Water (DTW): 33.162
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 45.89	

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

$9.8 \text{ (Gals.)} \times 3 = 29.4 \text{ Gals.}$ <p>1 Case Volume Specified Volumes Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1146	61.2	8.14	1203	>1000	9.8	
1202	62.8	7.21	1228	212	19.6	
1218	59.3	7.08	1218	182	29.4	

Did well dewater? Yes No Gallons actually evacuated: **29.4**

Sampling Date: **11/3/11** Sampling Time: **1224** Depth to Water: **44.39**

Sample I.D.: **MW-13C** Laboratory: Test America Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

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 #: 11103-PC1	Site: 97565995
Sampler: PC	Date: 11/3/11
Well I.D.: MW-14B	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 68.17	Depth to Water (DTW): 28.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 36.18	

Purge Method: Bailer Watertra Sampling Method: Bailer
Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
Electric Submersible Other _____ Dedicated Tubing
Other: _____

6.4 (Gals.) X	3	=	25.2 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
1 Case Volume	Specified Volumes	Calculated Volume					

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1053	63.9	7.07	853.0	2100	6.4	
1105	63.7	7.13	856.3	275	12.8	
1115	65.2	7.22	859.9	493	25.2	

Did well dewater? Yes No _____ Gallons actually evacuated: **25.2**

Sampling Date: **11/3/11** Sampling Time: **1122** Depth to Water: **32.62**

Sample I.D.: **MW-14B** Laboratory: Test America Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: _____

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: _____

D.O. (if req'd):	Pre-purge:	$\frac{\text{mg}}{\text{L}}$	Post-purge:	$\frac{\text{mg}}{\text{L}}$
	O.R.P. (if req'd):	Pre-purge: mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 111103-PC1	Site: 97565995
Sampler: PC	Date: 11/3/11
Well I.D.: MW-14C	Well Diameter: ② 3 4 6 8 _____
Total Well Depth (TD): 100.35	Depth to Water (DTW): 33.89
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]: 47.18	

Purge Method: Bailer Waterra Sampling Method: **X**Bailer
 Disposable Bailer Peristaltic Disposable Bailer
X Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

Other: _____

$10.6 \text{ (Gals.)} \times 3 = 31.8 \text{ Gals.}$ 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1255	65.9	7.33	1203	100	10.6	
1310	69.0	7.44	1196	33	21.2	
1325	68.1	7.31	1192	9	32	

Did well dewater? Yes No Gallons actually evacuated: **32**

Sampling Date: **11/3/11** Sampling Time: **1330** Depth to Water: **42.20**

Sample I.D.: **MW-14C** Laboratory: **Test America** Other _____

Analyzed for: **TPH-G BTEX** MTBE **TPH-D** Oxygenates (5) Other: _____

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

INCIDENT # 9756 5995

DATE: 11/3/11

ADDRESS 8999 San Ramon Rd, Dublin

CITY & STATE Dublin, CA

Well ID	Manway Cover, Type, Condition & Size					Observations Upon Arrival								Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition	Repair Date and PM Initials					
	Well Labeled / Painted Properly	Well Cap (Gripper) Condition	Well Lock Condition	Well Pad / Surface Condition	Size (inch)	Condition	Type	Size (inch)	Condition	Well Labeled / Painted Properly	Well Cap (Gripper) Condition	Well Lock Condition	Well Pad / Surface Condition								
MW-1R	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N				
MW-2R	Standpipe	Flush	G	P	10	Y	N	G	R	G	R	NL	G	P		Y	N				
MW-2RB	Standpipe	Flush	G	P	10	Y	N	G	R	G	R	NL	G	P		Y	N				
MW-2RC	Standpipe	Flush	G	P	10	Y	N	G	R	G	R	NL	G	P		Y	N				
MW-3R	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N				
MW-5	Standpipe	Flush	G	P	10	Y	N	G	R	G	R	NL	G	P		Y	N				
MW-5B	Standpipe	Flush	G	P	10	Y	N	G	R	G	R	NL	G	P		Y	N				
MW-5C	Standpipe	Flush	G	P	10	Y	N	G	R	G	R	NL	G	P		Y	N				
MW-8	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N				
MW-8B	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N				
MW-11B	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P	1/2 bolts stripped	Y	N				
TOTAL # CAPS REPLACED =										0	TOTAL # OF LOCKS REPLACED										0
Condition of Soil Boring Patches or Abandoned Monitoring Wells		G	P	N/A	If PQR, Borings/Well IDs or Location Description													Y	N		
Remediation Compound Type (Check boxes that apply)		Condition of Enclosure			Condition of Area Inside Enclosure			Compound Security			Emergency Contact Info Visible			Cleaning / Repairs Recommended and Conducted			Photos of Condition	Repair Date and PM Initials			
NA		G			G			G			Y						Y	N			
Building		G			G			G			Y						Y	N			
Building w/ Fence Comp.		G			G			G			Y						Y	N			
Fenced Compound		G			G			G			Y						Y	N			
Trailer		G			G			G			Y						Y	N			
Number of Drums On-site	Does the Label Reveal the Source of the Contents	Labeled Correctly and Writing Legible		Drum Condition		Confirm Drums Related to Environmental	Drums Located to Min Business Interference		Detailed Explanation of Any Issues Resolved			Photos of Drum Condition	Date Drums Removed from Site and PM Initials								
0	Y	N	N/A	Y	N	N/A	G	P	N/A	Y	N	Y	N	N/A	Y	N					

G = Good (Acceptable) R = Replaced
 P = Poor (needs attention) NL = No Lock Required

Note: All repairs other than locks and grippers require Shell PM approval prior to repair.

* = Groundwater monitoring well covers must be painted and labeled in accordance with applicable regulations.
 Version 2.4, March 2008

All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

Pete Cornish BTS
 Print or type Name of Field Personnel & Consultant Company

INCIDENT # 97565995

ADDRESS 8999 San Ramon Rd, Dublin

DATE: 11/3/11

CITY & STATE Dublin, CA

Well ID	Observations Upon Arrival														Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition	Repair Date and PM Initials			
	Manway Cover, Type, Condition & Size					Well Labeled / Painted Properly*		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition							
MW-12	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N			
MW-13	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N			
MW-13B	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N			
MW-13C	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N			
MW-14B	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N			
MW-14C	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N			
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N			
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N			
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N			
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N			
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N			
TOTAL # CAPS REPLACED =								0	TOTAL # OF LOCKS REPLACED								0			
Condition of Soil/Boring/Patches of Abandoned Monitoring Wells			G	P	N/A	If POOR, Boring/Well IDs or Location Description												Y	N	
Remediation Compound Type (Check boxes that apply)		Condition of Enclosure			Condition of Area Inside Enclosure			Compound Security			Emergency Contact Info Visible			Cleaning / Repairs Recommended and Conducted			Photos of Condition		Repair Date and PM Initials	
NA		G			G			G			Y						Y			
Building		G			G			G			Y						Y		N	
Building w/ Fence Comp.		G			G			G			Y						Y		N	
Fenced Compound		G			G			G			Y						Y		N	
Trailer		G			G			G			Y						Y		N	
Number of Drums On-site		Does the Label Reveal the Source of the Contents		Labeled Correctly and Writing Legible			Drum Condition			Confirm Drums Related to Environmental		Drums Located to Min Business Interference			Detailed Explanation of Any Issues Resolved			Photos of Drum Condition		Date Drums Removed from Site and PM Initials
0		Y		Y			G			Y		Y						Y		N

G = Good (Acceptable) R = Replaced
P = Poor (needs attention) NL = No Lock Required

Note: All repairs other than locks and grippers require Shell PM approval prior to repair.

* = Groundwater monitoring well covers must be painted and labeled in accordance with applicable regulations.

All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

Pete Cornish BTS

APPENDIX B

TEST AMERICA -
LABORATORY REPORT

LABORATORY REPORT

Prepared For: Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project: 8999 San Ramon Rd., Dublin, CA

Sampled: 11/03/11-11/04/11

Received: 11/08/11

Issued: 02/07/12 15:39

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

This entire report was reviewed and approved for release.

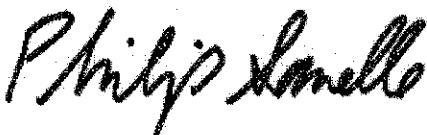
SAMPLE CROSS REFERENCE

ADDITIONAL
INFORMATION:

Report revised to change the sample date and time for samples MW-2R and MW-2RB per client's request.

LABORATORY ID	CLIENT ID	MATRIX
IUK0967-01	MW-1R	Water
IUK0967-02	MW-2R	Water
IUK0967-03	MW-2RB	Water
IUK0967-04	MW-2RC	Water
IUK0967-05	MW-3R	Water
IUK0967-06	MW-5B	Water
IUK0967-07	MW-5C	Water
IUK0967-08	MW-8	Water
IUK0967-09	MW-8B	Water
IUK0967-10	MW-11B	Water
IUK0967-11	MW-12	Water
IUK0967-12	MW-13	Water
IUK0967-13	MW-13B	Water
IUK0967-14	MW-13C	Water
IUK0967-15	MW-14B	Water
IUK0967-16	MW-14C	Water

Reviewed By:



TestAmerica Irvine

Philip Sanelle
Project Manager

Blaine Tech San Jose/CRA Shell
 1680 Rogers Avenue
 San Jose, CA 95112-1105
 Attention: Lorin King

Project ID: 8999 San Ramon Rd., Dublin, CA

Report Number: IUK0967

Sampled: 11/03/11-11/04/11
 Received: 11/08/11

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015B w/ Silica Gel Clean-up)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUK0967-01 (MW-1R - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	47	ND	0.943	11/10/2011	11/11/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				76 %				
Sample ID: IUK0967-02 (MW-2R - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	49	51	0.971	11/10/2011	11/11/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				77 %				
Sample ID: IUK0967-03 (MW-2RB - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	48	88	0.952	11/10/2011	11/11/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				84 %				
Sample ID: IUK0967-04 (MW-2RC - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	48	ND	0.952	11/10/2011	11/11/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				81 %				
Sample ID: IUK0967-05 (MW-3R - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	48	77	0.952	11/10/2011	11/11/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				77 %				
Sample ID: IUK0967-06 (MW-5B - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	47	ND	0.943	11/10/2011	11/11/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				71 %				
Sample ID: IUK0967-07 (MW-5C - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	47	ND	0.943	11/10/2011	11/11/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				72 %				
Sample ID: IUK0967-08 (MW-8 - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	48	940	0.952	11/10/2011	11/11/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				101 %				

TestAmerica Irvine

Philip Sanelle
 Project Manager

Blaine Tech San Jose/CRA Shell
 1680 Rogers Avenue
 San Jose, CA 95112-1105
 Attention: Lorin King

Project ID: 8999 San Ramon Rd., Dublin, CA

Report Number: IUK0967

Sampled: 11/03/11-11/04/11
 Received: 11/08/11

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015B w/ Silica Gel Clean-up)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUK0967-09 (MW-8B - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	47	ND	0.943	11/10/2011	11/11/2011	
Surrogate: n-Octacosane (45-120%)				78 %				
Sample ID: IUK0967-10 (MW-11B - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	47	ND	0.943	11/10/2011	11/11/2011	
Surrogate: n-Octacosane (45-120%)				78 %				
Sample ID: IUK0967-11 (MW-12 - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	47	ND	0.943	11/10/2011	11/11/2011	
Surrogate: n-Octacosane (45-120%)				76 %				
Sample ID: IUK0967-12 (MW-13 - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	48	ND	0.952	11/10/2011	11/11/2011	
Surrogate: n-Octacosane (45-120%)				81 %				
Sample ID: IUK0967-13 (MW-13B - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	48	80	0.952	11/10/2011	11/11/2011	
Surrogate: n-Octacosane (45-120%)				83 %				
Sample ID: IUK0967-14 (MW-13C - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	47	ND	0.943	11/10/2011	11/11/2011	
Surrogate: n-Octacosane (45-120%)				81 %				
Sample ID: IUK0967-15 (MW-14B - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	48	ND	0.952	11/10/2011	11/11/2011	
Surrogate: n-Octacosane (45-120%)				81 %				
Sample ID: IUK0967-16 (MW-14C - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11K1479	48	ND	0.952	11/10/2011	11/11/2011	
Surrogate: n-Octacosane (45-120%)				83 %				

TestAmerica Irvine

Philip Sanelle
 Project Manager

Blaine Tech San Jose/CRA Shell
 1680 Rogers Avenue
 San Jose, CA 95112-1105
 Attention: Lorin King

Project ID: 8999 San Ramon Rd., Dublin, CA

Report Number: IUK0967

Sampled: 11/03/11-11/04/11
 Received: 11/08/11

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers	
Sample ID: IUK0967-01 (MW-1R - Water)				Sampled: 11/04/11					
Reporting Units: ug/l									
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2031	250	ND	5	11/15/2011	11/16/2011		
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				106 %					
<i>Surrogate: Toluene-d8 (80-120%)</i>				99 %					
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				96 %					
Sample ID: IUK0967-02 (MW-2R - Water)				Sampled: 11/04/11					
Reporting Units: ug/l									
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2228	50	610	1	11/16/2011	11/16/2011		
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				107 %					
<i>Surrogate: Toluene-d8 (80-120%)</i>				102 %					
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				108 %					
Sample ID: IUK0967-03 (MW-2RB - Water)				Sampled: 11/03/11					
Reporting Units: ug/l									
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2041	50	110	1	11/15/2011	11/15/2011		
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				110 %					
<i>Surrogate: Toluene-d8 (80-120%)</i>				102 %					
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				106 %					
Sample ID: IUK0967-04 (MW-2RC - Water)				Sampled: 11/04/11					
Reporting Units: ug/l									
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2041	50	ND	1	11/15/2011	11/15/2011		
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				115 %					
<i>Surrogate: Toluene-d8 (80-120%)</i>				104 %					
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				104 %					
Sample ID: IUK0967-05 (MW-3R - Water)				Sampled: 11/04/11					P1
Reporting Units: ug/l									
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2041	50	ND	1	11/15/2011	11/15/2011		
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				112 %					
<i>Surrogate: Toluene-d8 (80-120%)</i>				102 %					
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				104 %					
Sample ID: IUK0967-06 (MW-5B - Water)				Sampled: 11/04/11					
Reporting Units: ug/l									
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2041	50	250	1	11/15/2011	11/15/2011		
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				120 %					
<i>Surrogate: Toluene-d8 (80-120%)</i>				105 %					
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				103 %					

TestAmerica Irvine

Philip Sanelle
 Project Manager

Blaine Tech San Jose/CRA Shell
 1680 Rogers Avenue
 San Jose, CA 95112-1105
 Attention: Lorin King

Project ID: 8999 San Ramon Rd., Dublin, CA

Report Number: IUK0967

Sampled: 11/03/11-11/04/11
 Received: 11/08/11

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUK0967-07 (MW-5C - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2041	50	170	1	11/15/2011	11/15/2011	
Surrogate: Dibromofluoromethane (80-120%)				116 %				
Surrogate: Toluene-d8 (80-120%)				104 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				102 %				
Sample ID: IUK0967-08 (MW-8 - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2228	50	ND	1	11/16/2011	11/16/2011	
Surrogate: Dibromofluoromethane (80-120%)				102 %				
Surrogate: Toluene-d8 (80-120%)				102 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				105 %				
Sample ID: IUK0967-09 (MW-8B - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2031	50	ND	1	11/15/2011	11/16/2011	
Surrogate: Dibromofluoromethane (80-120%)				104 %				
Surrogate: Toluene-d8 (80-120%)				100 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				97 %				
Sample ID: IUK0967-10 (MW-11B - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2031	50	ND	1	11/15/2011	11/16/2011	
Surrogate: Dibromofluoromethane (80-120%)				106 %				
Surrogate: Toluene-d8 (80-120%)				99 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				98 %				
Sample ID: IUK0967-11 (MW-12 - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2031	50	ND	1	11/15/2011	11/16/2011	
Surrogate: Dibromofluoromethane (80-120%)				105 %				
Surrogate: Toluene-d8 (80-120%)				98 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				98 %				
Sample ID: IUK0967-12 (MW-13 - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2031	50	ND	1	11/15/2011	11/16/2011	
Surrogate: Dibromofluoromethane (80-120%)				108 %				
Surrogate: Toluene-d8 (80-120%)				101 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				97 %				

TestAmerica Irvine

Philip Sanelle
 Project Manager

Blaine Tech San Jose/CRA Shell
 1680 Rogers Avenue
 San Jose, CA 95112-1105
 Attention: Lorin King

Project ID: 8999 San Ramon Rd., Dublin, CA

Report Number: IUK0967

Sampled: 11/03/11-11/04/11
 Received: 11/08/11

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUK0967-13 (MW-13B - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2228	50	ND	1	11/16/2011	11/16/2011	
Surrogate: Dibromofluoromethane (80-120%)				101 %				
Surrogate: Toluene-d8 (80-120%)				102 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				102 %				
Sample ID: IUK0967-14 (MW-13C - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2228	50	ND	1	11/16/2011	11/16/2011	
Surrogate: Dibromofluoromethane (80-120%)				104 %				
Surrogate: Toluene-d8 (80-120%)				102 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				102 %				
Sample ID: IUK0967-15 (MW-14B - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2228	50	ND	1	11/16/2011	11/16/2011	
Surrogate: Dibromofluoromethane (80-120%)				104 %				
Surrogate: Toluene-d8 (80-120%)				103 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				106 %				
Sample ID: IUK0967-16 (MW-14C - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11K2228	50	ND	1	11/16/2011	11/16/2011	
Surrogate: Dibromofluoromethane (80-120%)				105 %				
Surrogate: Toluene-d8 (80-120%)				102 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				103 %				

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Project ID: 8999 San Ramon Rd., Dublin, CA

Report Number: IUK0967

Sampled: 11/03/11-11/04/11
Received: 11/08/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers	
Sample ID: IUK0967-01 (MW-1R - Water)				Sampled: 11/04/11					
Reporting Units: ug/l									
Benzene	EPA 8260B	11K2031	2.5	ND	5	11/15/2011	11/16/2011		
Ethylbenzene	EPA 8260B	11K2031	2.5	ND	5	11/15/2011	11/16/2011		
Toluene	EPA 8260B	11K2031	2.5	ND	5	11/15/2011	11/16/2011		
Xylenes, Total	EPA 8260B	11K2031	5.0	ND	5	11/15/2011	11/16/2011		
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2031	5.0	ND	5	11/15/2011	11/16/2011		
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2031	5.0	ND	5	11/15/2011	11/16/2011		
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2031	5.0	5.5	5	11/15/2011	11/16/2011		
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2031	5.0	ND	5	11/15/2011	11/16/2011		
tert-Butanol (TBA)	EPA 8260B	11K2031	50	5600	5	11/15/2011	11/16/2011		
Surrogate: 4-Bromofluorobenzene (80-120%)				96 %					
Surrogate: Dibromofluoromethane (80-120%)				106 %					
Surrogate: Toluene-d8 (80-120%)				99 %					
Sample ID: IUK0967-02 (MW-2R - Water)				Sampled: 11/04/11					P-HS
Reporting Units: ug/l									
Benzene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011		
Ethylbenzene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011		
Toluene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011		
Xylenes, Total	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011		
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011		
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011		
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2228	1.0	1.8	1	11/16/2011	11/16/2011		
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011		
tert-Butanol (TBA)	EPA 8260B	11K2228	10	220	1	11/16/2011	11/16/2011		
Surrogate: 4-Bromofluorobenzene (80-120%)				108 %					
Surrogate: Dibromofluoromethane (80-120%)				107 %					
Surrogate: Toluene-d8 (80-120%)				102 %					

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Sampled: 11/03/11-11/04/11
 Received: 11/08/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUK0967-03 (MW-2RB - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Ethylbenzene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Toluene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Xylenes, Total	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2041	1.0	18	1	11/15/2011	11/15/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
tert-Butanol (TBA)	EPA 8260B	11K2041	10	ND	1	11/15/2011	11/15/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				106 %				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				110 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				102 %				
Sample ID: IUK0967-04 (MW-2RC - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Ethylbenzene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Toluene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Xylenes, Total	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2041	1.0	46	1	11/15/2011	11/15/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
tert-Butanol (TBA)	EPA 8260B	11K2041	10	ND	1	11/15/2011	11/15/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				104 %				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				115 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				104 %				

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Sampled: 11/03/11-11/04/11
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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUK0967-05 (MW-3R - Water)				Sampled: 11/04/11				P1
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Ethylbenzene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Toluene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Xylenes, Total	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
tert-Butanol (TBA)	EPA 8260B	11K2041	10	ND	1	11/15/2011	11/15/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>104 %</i>				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				<i>112 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>102 %</i>				
Sample ID: IUK0967-06 (MW-5B - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Ethylbenzene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Toluene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Xylenes, Total	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2041	1.0	290	1	11/15/2011	11/15/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
tert-Butanol (TBA)	EPA 8260B	11K2041	10	12	1	11/15/2011	11/15/2011	ID
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>103 %</i>				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				<i>120 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>105 %</i>				

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Report Number: IUK0967

Sampled: 11/03/11-11/04/11
Received: 11/08/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUK0967-07 (MW-5C - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Ethylbenzene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Toluene	EPA 8260B	11K2041	0.50	ND	1	11/15/2011	11/15/2011	
Xylenes, Total	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2041	1.0	200	1	11/15/2011	11/15/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2041	1.0	ND	1	11/15/2011	11/15/2011	
tert-Butanol (TBA)	EPA 8260B	11K2041	10	ND	1	11/15/2011	11/15/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>102 %</i>				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				<i>116 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>104 %</i>				
Sample ID: IUK0967-08 (MW-8 - Water)				Sampled: 11/04/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Ethylbenzene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Toluene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Xylenes, Total	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2228	1.0	1.3	1	11/16/2011	11/16/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
tert-Butanol (TBA)	EPA 8260B	11K2228	10	210	1	11/16/2011	11/16/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>105 %</i>				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				<i>102 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>102 %</i>				

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Project ID: 8999 San Ramon Rd., Dublin, CA

Report Number: IUK0967

Sampled: 11/03/11-11/04/11
 Received: 11/08/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUK0967-09 (MW-8B - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2031	0.50	ND	1	11/15/2011	11/16/2011	
Ethylbenzene	EPA 8260B	11K2031	0.50	ND	1	11/15/2011	11/16/2011	
Toluene	EPA 8260B	11K2031	0.50	ND	1	11/15/2011	11/16/2011	
Xylenes, Total	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
tert-Butanol (TBA)	EPA 8260B	11K2031	10	ND	1	11/15/2011	11/16/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)								97 %
Surrogate: Dibromofluoromethane (80-120%)								104 %
Surrogate: Toluene-d8 (80-120%)								100 %
Sample ID: IUK0967-10 (MW-11B - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2031	0.50	ND	1	11/15/2011	11/16/2011	
Ethylbenzene	EPA 8260B	11K2031	0.50	ND	1	11/15/2011	11/16/2011	
Toluene	EPA 8260B	11K2031	0.50	ND	1	11/15/2011	11/16/2011	
Xylenes, Total	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
tert-Butanol (TBA)	EPA 8260B	11K2031	10	ND	1	11/15/2011	11/16/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)								98 %
Surrogate: Dibromofluoromethane (80-120%)								106 %
Surrogate: Toluene-d8 (80-120%)								99 %

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Project ID: 8999 San Ramon Rd., Dublin, CA

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Sampled: 11/03/11-11/04/11
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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUK0967-11 (MW-12 - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2031	0.50	ND	1	11/15/2011	11/16/2011	
Ethylbenzene	EPA 8260B	11K2031	0.50	ND	1	11/15/2011	11/16/2011	
Toluene	EPA 8260B	11K2031	0.50	ND	1	11/15/2011	11/16/2011	
Xylenes, Total	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
tert-Butanol (TBA)	EPA 8260B	11K2031	10	ND	1	11/15/2011	11/16/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>								98 %
<i>Surrogate: Dibromofluoromethane (80-120%)</i>								105 %
<i>Surrogate: Toluene-d8 (80-120%)</i>								98 %
Sample ID: IUK0967-12 (MW-13 - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2031	0.50	ND	1	11/15/2011	11/16/2011	
Ethylbenzene	EPA 8260B	11K2031	0.50	ND	1	11/15/2011	11/16/2011	
Toluene	EPA 8260B	11K2031	0.50	ND	1	11/15/2011	11/16/2011	
Xylenes, Total	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2031	1.0	ND	1	11/15/2011	11/16/2011	
tert-Butanol (TBA)	EPA 8260B	11K2031	10	57	1	11/15/2011	11/16/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>								97 %
<i>Surrogate: Dibromofluoromethane (80-120%)</i>								108 %
<i>Surrogate: Toluene-d8 (80-120%)</i>								101 %

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Project ID: 8999 San Ramon Rd., Dublin, CA

Report Number: IUK0967

Sampled: 11/03/11-11/04/11
 Received: 11/08/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUK0967-13 (MW-13B - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Ethylbenzene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Toluene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Xylenes, Total	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2228	1.0	2.0	1	11/16/2011	11/16/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
tert-Butanol (TBA)	EPA 8260B	11K2228	10	ND	1	11/16/2011	11/16/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>102 %</i>				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				<i>101 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>102 %</i>				
Sample ID: IUK0967-14 (MW-13C - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Ethylbenzene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Toluene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Xylenes, Total	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2228	1.0	5.7	1	11/16/2011	11/16/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
tert-Butanol (TBA)	EPA 8260B	11K2228	10	ND	1	11/16/2011	11/16/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>102 %</i>				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				<i>104 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>102 %</i>				

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Philip Sanelle
 Project Manager

Blaine Tech San Jose/CRA Shell
 1680 Rogers Avenue
 San Jose, CA 95112-1105
 Attention: Lorin King

Project ID: 8999 San Ramon Rd., Dublin, CA

Report Number: IUK0967

Sampled: 11/03/11-11/04/11
 Received: 11/08/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUK0967-15 (MW-14B - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Ethylbenzene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Toluene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Xylenes, Total	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
tert-Butanol (TBA)	EPA 8260B	11K2228	10	ND	1	11/16/2011	11/16/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>								106 %
<i>Surrogate: Dibromofluoromethane (80-120%)</i>								104 %
<i>Surrogate: Toluene-d8 (80-120%)</i>								103 %
Sample ID: IUK0967-16 (MW-14C - Water)				Sampled: 11/03/11				
Reporting Units: ug/l								
Benzene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Ethylbenzene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Toluene	EPA 8260B	11K2228	0.50	ND	1	11/16/2011	11/16/2011	
Xylenes, Total	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11K2228	1.0	ND	1	11/16/2011	11/16/2011	
tert-Butanol (TBA)	EPA 8260B	11K2228	10	ND	1	11/16/2011	11/16/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>								103 %
<i>Surrogate: Dibromofluoromethane (80-120%)</i>								105 %
<i>Surrogate: Toluene-d8 (80-120%)</i>								102 %

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Blaine Tech San Jose/CRA Shell 1680 Rogers Avenue San Jose, CA 95112-1105 Attention: Lorin King	Project ID: 8999 San Ramon Rd., Dublin, CA Report Number: IUK0967	Sampled: 11/03/11-11/04/11 Received: 11/08/11
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METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015B w/ Silica Gel Clean-up)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11K1479 Extracted: 11/10/11										
Blank Analyzed: 11/11/2011 (11K1479-BLK1)										
DRO (C10-C28)	ND	50	ug/l							
Surrogate: n-Octacosane	164		ug/l	200		82	45-120			
LCS Analyzed: 11/11/2011 (11K1479-BS1)										
DRO (C10-C28)	749	50	ug/l	1000		75	40-115			MNR1
Surrogate: n-Octacosane	163		ug/l	200		82	45-120			
LCS Dup Analyzed: 11/11/2011 (11K1479-BSD1)										
DRO (C10-C28)	723	50	ug/l	1000		72	40-115	3	25	
Surrogate: n-Octacosane	159		ug/l	200		80	45-120			

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VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11K2031 Extracted: 11/15/11										
Blank Analyzed: 11/15/2011 (11K2031-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	26.6		ug/l	25.0		107	80-120			
Surrogate: Toluene-d8	25.2		ug/l	25.0		101	80-120			
Surrogate: 4-Bromofluorobenzene	24.3		ug/l	25.0		97	80-120			
LCS Analyzed: 11/15/2011 (11K2031-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	390	50	ug/l	500		78	55-130			
Surrogate: Dibromofluoromethane	24.8		ug/l	25.0		99	80-120			
Surrogate: Toluene-d8	25.0		ug/l	25.0		100	80-120			
Surrogate: 4-Bromofluorobenzene	24.7		ug/l	25.0		99	80-120			
Matrix Spike Analyzed: 11/15/2011 (11K2031-MS1)					Source: IUK1367-13					
Volatile Fuel Hydrocarbons (C4-C12)	1290	50	ug/l	1720	35.2	73	50-145			
Surrogate: Dibromofluoromethane	25.6		ug/l	25.0		102	80-120			
Surrogate: Toluene-d8	25.4		ug/l	25.0		102	80-120			
Surrogate: 4-Bromofluorobenzene	25.0		ug/l	25.0		100	80-120			
Matrix Spike Dup Analyzed: 11/16/2011 (11K2031-MSD1)					Source: IUK1367-13					
Volatile Fuel Hydrocarbons (C4-C12)	1280	50	ug/l	1720	35.2	72	50-145	0.9	20	
Surrogate: Dibromofluoromethane	25.0		ug/l	25.0		100	80-120			
Surrogate: Toluene-d8	25.2		ug/l	25.0		101	80-120			
Surrogate: 4-Bromofluorobenzene	24.8		ug/l	25.0		99	80-120			
Batch: 11K2041 Extracted: 11/15/11										
Blank Analyzed: 11/15/2011 (11K2041-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	29.9		ug/l	25.0		120	80-120			
Surrogate: Toluene-d8	26.0		ug/l	25.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	26.6		ug/l	25.0		107	80-120			

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VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11K2041 Extracted: 11/15/11										
LCS Analyzed: 11/15/2011 (11K2041-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	460	50	ug/l	500		92	55-130			
Surrogate: Dibromofluoromethane	27.8		ug/l	25.0		111	80-120			
Surrogate: Toluene-d8	26.2		ug/l	25.0		105	80-120			
Surrogate: 4-Bromofluorobenzene	26.1		ug/l	25.0		104	80-120			
Matrix Spike Analyzed: 11/15/2011 (11K2041-MS1) Source: IUK0967-03										
Volatile Fuel Hydrocarbons (C4-C12)	1780	50	ug/l	1720	111	97	50-145			
Surrogate: Dibromofluoromethane	28.0		ug/l	25.0		112	80-120			
Surrogate: Toluene-d8	26.0		ug/l	25.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	26.8		ug/l	25.0		107	80-120			
Matrix Spike Dup Analyzed: 11/15/2011 (11K2041-MSD1) Source: IUK0967-03										
Volatile Fuel Hydrocarbons (C4-C12)	1680	50	ug/l	1720	111	91	50-145	6	20	
Surrogate: Dibromofluoromethane	27.4		ug/l	25.0		110	80-120			
Surrogate: Toluene-d8	25.9		ug/l	25.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	26.4		ug/l	25.0		106	80-120			
Batch: 11K2228 Extracted: 11/16/11										
Blank Analyzed: 11/16/2011 (11K2228-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	25.1		ug/l	25.0		100	80-120			
Surrogate: Toluene-d8	25.5		ug/l	25.0		102	80-120			
Surrogate: 4-Bromofluorobenzene	24.6		ug/l	25.0		98	80-120			
LCS Analyzed: 11/16/2011 (11K2228-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	427	50	ug/l	500		85	55-130			
Surrogate: Dibromofluoromethane	25.2		ug/l	25.0		101	80-120			
Surrogate: Toluene-d8	26.1		ug/l	25.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	25.2		ug/l	25.0		101	80-120			

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VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11K2228 Extracted: 11/16/11										
Matrix Spike Analyzed: 11/16/2011 (11K2228-MS1)					Source: IUK0967-13					
Volatile Fuel Hydrocarbons (C4-C12)	1460	50	ug/l	1720	ND	84	50-145			
Surrogate: Dibromofluoromethane	24.9		ug/l	25.0		100	80-120			
Surrogate: Toluene-d8	26.0		ug/l	25.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	25.7		ug/l	25.0		103	80-120			
Matrix Spike Dup Analyzed: 11/16/2011 (11K2228-MSD1)					Source: IUK0967-13					
Volatile Fuel Hydrocarbons (C4-C12)	1460	50	ug/l	1720	ND	85	50-145	0.4	20	
Surrogate: Dibromofluoromethane	25.6		ug/l	25.0		103	80-120			
Surrogate: Toluene-d8	25.9		ug/l	25.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	25.5		ug/l	25.0		102	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11K2031 Extracted: 11/15/11										
Blank Analyzed: 11/15/2011 (11K2031-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	1.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
Surrogate: 4-Bromofluorobenzene	24.3		ug/l	25.0		97	80-120			
Surrogate: Dibromofluoromethane	26.6		ug/l	25.0		107	80-120			
Surrogate: Toluene-d8	25.2		ug/l	25.0		101	80-120			
LCS Analyzed: 11/15/2011 (11K2031-BS1)										
Benzene	23.1	0.50	ug/l	25.0		92	70-120			
Ethylbenzene	26.6	0.50	ug/l	25.0		106	75-125			
Toluene	23.2	0.50	ug/l	25.0		93	70-120			
m,p-Xylenes	54.1	1.0	ug/l	50.0		108	75-125			
o-Xylene	27.9	0.50	ug/l	25.0		112	75-125			
Xylenes, Total	82.1	1.0	ug/l	75.0		109	70-125			
Di-isopropyl Ether (DIPE)	23.4	1.0	ug/l	25.0		94	60-135			
Ethyl tert-Butyl Ether (ETBE)	24.0	1.0	ug/l	25.0		96	65-135			
Methyl-tert-butyl Ether (MTBE)	23.5	1.0	ug/l	25.0		94	60-135			
tert-Amyl Methyl Ether (TAME)	25.2	1.0	ug/l	25.0		101	60-135			
tert-Butanol (TBA)	148	10	ug/l	125		118	70-135			
Surrogate: 4-Bromofluorobenzene	24.8		ug/l	25.0		99	80-120			
Surrogate: Dibromofluoromethane	25.8		ug/l	25.0		103	80-120			
Surrogate: Toluene-d8	25.2		ug/l	25.0		101	80-120			

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Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 8999 San Ramon Rd., Dublin, CA

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11K2031 Extracted: 11/15/11										
Matrix Spike Analyzed: 11/15/2011 (11K2031-MS1)					Source: IUK1367-13					
Benzene	21.7	0.50	ug/l	25.0	ND	87	65-125			
Ethylbenzene	24.9	0.50	ug/l	25.0	ND	100	65-130			
Toluene	21.8	0.50	ug/l	25.0	ND	87	70-125			
m,p-Xylenes	50.4	1.0	ug/l	50.0	ND	101	65-130			
o-Xylene	26.2	0.50	ug/l	25.0	ND	105	65-125			
Xylenes, Total	76.5	1.0	ug/l	75.0	ND	102	60-130			
Di-isopropyl Ether (DIPE)	22.0	1.0	ug/l	25.0	ND	88	60-140			
Ethyl tert-Butyl Ether (ETBE)	22.8	1.0	ug/l	25.0	ND	91	60-135			
Methyl-tert-butyl Ether (MTBE)	31.2	1.0	ug/l	25.0	8.57	90	55-145			
tert-Amyl Methyl Ether (TAME)	23.9	1.0	ug/l	25.0	ND	96	60-140			
tert-Butanol (TBA)	149	10	ug/l	125	7.16	113	65-140			
Surrogate: 4-Bromofluorobenzene	25.0		ug/l	25.0		100	80-120			
Surrogate: Dibromofluoromethane	25.6		ug/l	25.0		102	80-120			
Surrogate: Toluene-d8	25.4		ug/l	25.0		102	80-120			
Matrix Spike Dup Analyzed: 11/16/2011 (11K2031-MSD1)					Source: IUK1367-13					
Benzene	21.6	0.50	ug/l	25.0	ND	87	65-125	0.05	20	
Ethylbenzene	25.2	0.50	ug/l	25.0	ND	101	65-130	0.9	20	
Toluene	21.7	0.50	ug/l	25.0	ND	87	70-125	0.4	20	
m,p-Xylenes	50.7	1.0	ug/l	50.0	ND	101	65-130	0.7	25	
o-Xylene	26.4	0.50	ug/l	25.0	ND	106	65-125	0.9	20	
Xylenes, Total	77.1	1.0	ug/l	75.0	ND	103	60-130	0.8	20	
Di-isopropyl Ether (DIPE)	21.2	1.0	ug/l	25.0	ND	85	60-140	3	25	
Ethyl tert-Butyl Ether (ETBE)	22.2	1.0	ug/l	25.0	ND	89	60-135	2	25	
Methyl-tert-butyl Ether (MTBE)	30.1	1.0	ug/l	25.0	8.57	86	55-145	4	25	
tert-Amyl Methyl Ether (TAME)	23.0	1.0	ug/l	25.0	ND	92	60-140	4	30	
tert-Butanol (TBA)	150	10	ug/l	125	7.16	114	65-140	0.4	25	
Surrogate: 4-Bromofluorobenzene	24.8		ug/l	25.0		99	80-120			
Surrogate: Dibromofluoromethane	25.0		ug/l	25.0		100	80-120			
Surrogate: Toluene-d8	25.2		ug/l	25.0		101	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11K2041 Extracted: 11/15/11										
Blank Analyzed: 11/15/2011 (11K2041-BLKI)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	1.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
Surrogate: 4-Bromofluorobenzene	26.6		ug/l	25.0		107	80-120			
Surrogate: Dibromofluoromethane	29.9		ug/l	25.0		120	80-120			
Surrogate: Toluene-d8	26.0		ug/l	25.0		104	80-120			
LCS Analyzed: 11/15/2011 (11K2041-BS1)										
Benzene	22.4	0.50	ug/l	25.0		90	70-120			
Ethylbenzene	24.7	0.50	ug/l	25.0		99	75-125			
Toluene	24.0	0.50	ug/l	25.0		96	70-120			
m,p-Xylenes	49.2	1.0	ug/l	50.0		98	75-125			
o-Xylene	24.8	0.50	ug/l	25.0		99	75-125			
Xylenes, Total	74.0	1.0	ug/l	75.0		99	70-125			
Di-isopropyl Ether (DIPE)	25.2	1.0	ug/l	25.0		101	60-135			
Ethyl tert-Butyl Ether (ETBE)	24.0	1.0	ug/l	25.0		96	65-135			
Methyl-tert-butyl Ether (MTBE)	22.7	1.0	ug/l	25.0		91	60-135			
tert-Amyl Methyl Ether (TAME)	22.9	1.0	ug/l	25.0		92	60-135			
tert-Butanol (TBA)	136	10	ug/l	125		109	70-135			
Surrogate: 4-Bromofluorobenzene	26.2		ug/l	25.0		105	80-120			
Surrogate: Dibromofluoromethane	27.7		ug/l	25.0		111	80-120			
Surrogate: Toluene-d8	26.3		ug/l	25.0		105	80-120			

TestAmerica Irvine

Philip Sanelle
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

IUK0967 <Page 21 of 26>

Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUK0967

Sampled: 11/03/11-11/04/11
Received: 11/08/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11K2041 Extracted: 11/15/11										
Matrix Spike Analyzed: 11/15/2011 (11K2041-MS1)					Source: IUK0967-03					
Benzene	27.6	0.50	ug/l	25.0	ND	110	65-125			
Ethylbenzene	30.4	0.50	ug/l	25.0	ND	122	65-130			
Toluene	29.3	0.50	ug/l	25.0	ND	117	70-125			
m,p-Xylenes	60.4	1.0	ug/l	50.0	ND	121	65-130			
o-Xylene	30.5	0.50	ug/l	25.0	ND	122	65-125			
Xylenes, Total	91.0	1.0	ug/l	75.0	ND	121	60-130			
Di-isopropyl Ether (DIPE)	30.8	1.0	ug/l	25.0	ND	123	60-140			
Ethyl tert-Butyl Ether (ETBE)	29.7	1.0	ug/l	25.0	ND	119	60-135			
Methyl-tert-butyl Ether (MTBE)	46.3	1.0	ug/l	25.0	18.2	112	55-145			
tert-Amyl Methyl Ether (TAME)	28.5	1.0	ug/l	25.0	ND	114	60-140			
tert-Butanol (TBA)	168	10	ug/l	125	ND	134	65-140			
Surrogate: 4-Bromofluorobenzene	26.8		ug/l	25.0		107	80-120			
Surrogate: Dibromofluoromethane	28.0		ug/l	25.0		112	80-120			
Surrogate: Toluene-d8	26.0		ug/l	25.0		104	80-120			
Matrix Spike Dup Analyzed: 11/15/2011 (11K2041-MSD1)					Source: IUK0967-03					
Benzene	26.0	0.50	ug/l	25.0	ND	104	65-125	6		20
Ethylbenzene	28.4	0.50	ug/l	25.0	ND	114	65-130	7		20
Toluene	27.8	0.50	ug/l	25.0	ND	111	70-125	5		20
m,p-Xylenes	57.6	1.0	ug/l	50.0	ND	115	65-130	5		25
o-Xylene	28.6	0.50	ug/l	25.0	ND	114	65-125	6		20
Xylenes, Total	86.2	1.0	ug/l	75.0	ND	115	60-130	5		20
Di-isopropyl Ether (DIPE)	28.8	1.0	ug/l	25.0	ND	115	60-140	7		25
Ethyl tert-Butyl Ether (ETBE)	27.6	1.0	ug/l	25.0	ND	110	60-135	7		25
Methyl-tert-butyl Ether (MTBE)	43.9	1.0	ug/l	25.0	18.2	103	55-145	5		25
tert-Amyl Methyl Ether (TAME)	26.8	1.0	ug/l	25.0	ND	107	60-140	6		30
tert-Butanol (TBA)	167	10	ug/l	125	ND	133	65-140	0.6		25
Surrogate: 4-Bromofluorobenzene	26.4		ug/l	25.0		106	80-120			
Surrogate: Dibromofluoromethane	27.4		ug/l	25.0		110	80-120			
Surrogate: Toluene-d8	25.9		ug/l	25.0		104	80-120			

TestAmerica Irvine

Philip Sanelle
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

Blainé Tech San Jose/CRA Shell
 1680 Rogers Avenue
 San Jose, CA 95112-1105
 Attention: Lorin King

Project ID: 8999 San Ramon Rd., Dublin, CA

Report Number: IUK0967

Sampled: 11/03/11-11/04/11
 Received: 11/08/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11K2228 Extracted: 11/16/11										
Blank Analyzed: 11/16/2011 (11K2228-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	1.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
Surrogate: 4-Bromofluorobenzene	24.6		ug/l	25.0		98	80-120			
Surrogate: Dibromofluoromethane	25.1		ug/l	25.0		100	80-120			
Surrogate: Toluene-d8	25.5		ug/l	25.0		102	80-120			
LCS Analyzed: 11/16/2011 (11K2228-BS1)										
Benzene	23.8	0.50	ug/l	25.0		95	70-120			
Ethylbenzene	25.1	0.50	ug/l	25.0		100	75-125			
Toluene	24.7	0.50	ug/l	25.0		99	70-120			
m,p-Xylenes	51.3	1.0	ug/l	50.0		103	75-125			
o-Xylene	25.1	0.50	ug/l	25.0		100	75-125			
Xylenes, Total	76.4	1.0	ug/l	75.0		102	70-125			
Di-isopropyl Ether (DIPE)	21.9	1.0	ug/l	25.0		87	60-135			
Ethyl tert-Butyl Ether (ETBE)	21.1	1.0	ug/l	25.0		84	65-135			
Methyl-tert-butyl Ether (MTBE)	20.5	1.0	ug/l	25.0		82	60-135			
tert-Amyl Methyl Ether (TAME)	21.2	1.0	ug/l	25.0		85	60-135			
tert-Butanol (TBA)	137	10	ug/l	125		109	70-135			
Surrogate: 4-Bromofluorobenzene	24.6		ug/l	25.0		98	80-120			
Surrogate: Dibromofluoromethane	24.9		ug/l	25.0		99	80-120			
Surrogate: Toluene-d8	26.2		ug/l	25.0		105	80-120			

TestAmerica Irvine

Philip Sanelle
 Project Manager

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Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 8999 San Ramon Rd., Dublin, CA

Report Number: IUK0967

Sampled: 11/03/11-11/04/11
Received: 11/08/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
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Batch: 11K2228 Extracted: 11/16/11

Matrix Spike Analyzed: 11/16/2011 (11K2228-MS1)

Source: IUK0967-13

Benzene	27.0	0.50	ug/l	25.0	ND	108	65-125			
Ethylbenzene	27.8	0.50	ug/l	25.0	ND	111	65-130			
Toluene	27.6	0.50	ug/l	25.0	ND	111	70-125			
m,p-Xylenes	56.6	1.0	ug/l	50.0	ND	113	65-130			
o-Xylene	28.4	0.50	ug/l	25.0	ND	114	65-125			
Xylenes, Total	85.0	1.0	ug/l	75.0	ND	113	60-130			
Di-isopropyl Ether (DIPE)	26.4	1.0	ug/l	25.0	ND	106	60-140			
Ethyl tert-Butyl Ether (ETBE)	25.3	1.0	ug/l	25.0	ND	101	60-135			
Methyl-tert-butyl Ether (MTBE)	26.5	1.0	ug/l	25.0	1.98	98	55-145			
tert-Amyl Methyl Ether (TAME)	25.6	1.0	ug/l	25.0	ND	102	60-140			
tert-Butanol (TBA)	160	10	ug/l	125	ND	128	65-140			
Surrogate: 4-Bromofluorobenzene	25.7		ug/l	25.0		103	80-120			
Surrogate: Dibromofluoromethane	24.9		ug/l	25.0		100	80-120			
Surrogate: Toluene-d8	26.0		ug/l	25.0		104	80-120			

Matrix Spike Dup Analyzed: 11/16/2011 (11K2228-MSD1)

Source: IUK0967-13

Benzene	26.6	0.50	ug/l	25.0	ND	106	65-125	2	20	
Ethylbenzene	27.6	0.50	ug/l	25.0	ND	110	65-130	0.5	20	
Toluene	27.8	0.50	ug/l	25.0	ND	111	70-125	0.6	20	
m,p-Xylenes	56.2	1.0	ug/l	50.0	ND	112	65-130	0.7	25	
o-Xylene	28.2	0.50	ug/l	25.0	ND	113	65-125	0.6	20	
Xylenes, Total	84.5	1.0	ug/l	75.0	ND	113	60-130	0.6	20	
Di-isopropyl Ether (DIPE)	26.4	1.0	ug/l	25.0	ND	106	60-140	0.04	25	
Ethyl tert-Butyl Ether (ETBE)	25.5	1.0	ug/l	25.0	ND	102	60-135	0.9	25	
Methyl-tert-butyl Ether (MTBE)	26.2	1.0	ug/l	25.0	1.98	97	55-145	1	25	
tert-Amyl Methyl Ether (TAME)	25.6	1.0	ug/l	25.0	ND	102	60-140	0.08	30	
tert-Butanol (TBA)	160	10	ug/l	125	ND	128	65-140	0.3	25	
Surrogate: 4-Bromofluorobenzene	25.5		ug/l	25.0		102	80-120			
Surrogate: Dibromofluoromethane	25.6		ug/l	25.0		103	80-120			
Surrogate: Toluene-d8	25.9		ug/l	25.0		103	80-120			

TestAmerica Irvine

Philip Sanelle
Project Manager

Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUK0967

Sampled: 11/03/11-11/04/11
Received: 11/08/11

DATA QUALIFIERS AND DEFINITIONS

- ID** Due to the low levels of analyte found in the sample, the analyte was qualitatively identified based on the compound's retention time and the presence of a single mass ion.
- MNRI** There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- PI** Sample received and analyzed without chemical preservation.
- P-HS** Sample container contained headspace.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Volatile Fuel Hydrocarbons (C4-C12):

Volatile Fuel Hydrocarbons (C4-C12) are quantitated against a gasoline standard. Quantitation begins immediately before TBA-d9.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO):

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

TestAmerica Irvine

Philip Sanelle
Project Manager

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IUK0967 <Page 25 of 26>

Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 8999 San Ramon Rd., Dublin, CA

Report Number: IUK0967

Sampled: 11/03/11-11/04/11
Received: 11/08/11

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 8015B	Water	X	X
EPA 8260B	Water	X	X
TPH by GC/MS	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Philip Sanelle
Project Manager

LAB (LOCATION)

- CALSCIENCE ()
- SPL Houston ()
- XENCO ()
- TEST AMERICA (IRVINE)
- OTHER ()



Shell Oil Products Chain Of Custody Record

Please Check Appropriate Box:

<input type="checkbox"/> ENV. SERVICES	<input type="checkbox"/> MOTIVA RETAIL	<input type="checkbox"/> SHELL RETAIL
<input type="checkbox"/> MOTIVA SOBCH	<input checked="" type="checkbox"/> CONSULTANT	<input type="checkbox"/> LUBES
<input type="checkbox"/> SHELL PIPELINE	<input type="checkbox"/> OTHER _____	

Print Bill To Contact Name: 135244 Peter Schaefer

INCIDENT # (ENV. SERVICES) 9 7 5 6 5 9 9 5

DATE: 11/3/11

PAGE: 1 of 2

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

ADDRESS: 1680 Rogers Avenue, San Jose, CA

PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King

TELEPHONE: (310) 885-4455 x 108 FAX: (310) 637-5802 EMAIL: lking@blainetech.com

SITE ADDRESS: Street and City: 8999 San Ramon Rd., Dublin CA

GLOBAL ID NO.: T0600169797

PHONE NO.: 510-420-3343

CONSULTANT PROJECT NO.: 111103-PC1

SAMPLER NAME(S) (Print): P. Larnish

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:

REQUESTED ANALYSIS

SPECIAL INSTRUCTIONS OR NOTES:

Please download the EPA ED01S file ED01 to the ORA website (http://ora.abcd.com/crawford.com/equid/ed01s.aspx) and/or send it to the Shell US Lab Data Management @ORAworld.com email for ID# 72. Please indicate that you have downloaded the ED01 by including ED01 uploaded to ORA website in the body of the email to Shell US Lab Data Management @ORAworld.com and esvratad@ORAworld.com.

Copy final report to Shell Lab Billing @crawford.com, Shell EPCRA world.com, Shell US Lab Data Management @ORAworld.com, and esvratad@ORAworld.com.

Email Invoice to Shell.Lab.Billing@crawford.com

Main Codes: WG (ground water) WS (surface water) W (drinking water source) W (Crp temp Blank)

TPH-GRC, Purgeable (8260B)	TPH-DRO, Extractable (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) (8260B)	VOCs Full list (8260B)	Single Compound: (8260B)	1,2 DCA (8260B)	EOB (8260B)	Ethanol (8260B)	Methanol (8015B)	TEMPERATURE ON RECEIPT
----------------------------	------------------------------	--------------	---------------------	---------------------------	---	------------------------	--------------------------	-----------------	-------------	-----------------	------------------	------------------------

LAB USE ONLY	SAMPLE ID					MATRIX	PRESERVATIVE					NO. OF CONT.	TPH-GRC, Purgeable (8260B)	TPH-DRO, Extractable (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) (8260B)	VOCs Full list (8260B)	Single Compound: (8260B)	1,2 DCA (8260B)	EOB (8260B)	Ethanol (8260B)	Methanol (8015B)	Container PID Readings or Laboratory Notes
	PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME		HCL	HNO3	H2SO4	NONE	OTHER														
	WG - 111103-PC1	111104	PC	MW-1R	1140		X			X															
		111104 ⁴		MW-2R	1540	X			X			X	X											Sample time: 1315	
		111104 ³		MW-2RB	1315	X			X			X	X											Sample time: 1504	
		111104		MW-2RC	1305	X			X			X	X												
				MW-7R	1200	X			X			X	X												
				MW-5		X			X			X	X											No Sample	
		111104		MW-5B	1150	X			X			X	X												
				MW-5C	1335	X			X			X	X												
				MW-8	1130	X			X			X	X												
		111103		MW-8B	1530	X			X			X	X												

Relinquished by: (Signature) <i>Parkin</i>	Received by: (Signature) <i>Parkin (SC)</i>	Date: 11/3/11	Time: 1655
Relinquished by: (Signature) <i>Parkin</i>	Received by: (Signature) <i>Parkin (SC)</i>	Date: 11/7/11	Time: 1445
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 11/7/11	Time: 1050



Shell Oil Products Chain Of Custody Record

LAB (LOCATION)

- CALSCIENCE ()
- SPL Houston ()
- XENCO ()
- TEST AMERICA (IRVINE)
- OTHER ()

Please Check Appropriate Box:

<input type="checkbox"/> ENV. SERVICES	<input type="checkbox"/> MOTIVA RETAIL	<input type="checkbox"/> SHELL RETAIL
<input type="checkbox"/> MOTIVA SDBCM	<input checked="" type="checkbox"/> CONSULTANT	<input type="checkbox"/> LUBES
<input type="checkbox"/> SHELL PIPELINE	<input type="checkbox"/> OTHER	

Print Bill To Contact Name: 135244 Peter Schaefer

INCIDENT # (ENV SERVICES) 9 7 5 6 5 9 9 5

DATE: 11/3/11

PAGE: 2 of 2

PO # 4 0 - 4 0 3 4 9 7 3

SAP #

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

ADDRESS: 1680 Rogers Avenue, San Jose, CA

PROJECT CONTACT (Personnel or PDF Report to): Lorin King

TELEPHONE: (310) 885-4455 x 108 FAX: (310) 637-5802 EMAIL: lking@blainetech.com

SITE ADDRESS: Street and City: 8999 San Ramon Rd., Dublin CA

GLOBAL ID NO: T0800159797

EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter CRA, Emeryville, CA

PHONE NO: 510-420-3343

CONSULTANT PROJECT NO: 111103-PC1

SAMPLER NAME(S) (Print): P. Camish

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:

REQUESTED ANALYSIS

SPECIAL INSTRUCTIONS OR NOTES:

Please upload the CRA EQUIS and EDD to the CRA Website (<http://cra.eddupload.craworld.com/Equis/edupl.aspx>) and/or send it to the Shell US Lab Data Management@CRAworld.com email folder. (1) Please indicate that you have uploaded the EDD by including EDD uploaded to CRA website in the body of the email used to deliver the final PDF report to the Shell US Lab Data Management@CRAworld.com email folder.

Copy final report to Shell.Lab.Billing@craworld.com, Shell.EDF@craworld.com, Shell.US.Lab.Data.Management@CRAworld.com, and esystad@CRAworld.com

Email Invoice to Shell.Lab.Billing@craworld.com

Matrix Codes: WG (groundwater), WS (surface water), WP (drinking water), WY (Tap or Tap-Blank)

SHELL CONTRACT RATE APPLIES

STATE REIMBURSEMENT RATE APPLIES

EDD NOT NEEDED

RECEIPT VERIFICATION REQUESTED

LAB USE ONLY	PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	PRESERVATIVE					NO. OF CONT.	TPH-GRO, Purgeable (8280B)	TPH-DRC, Extractable (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, OIPE, TAMIE, ETBE) (8260B)	VOCs Full list (8260B)	Single Compound: (8280B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015B)	TEMPERATURE ON RECEIPT	Container PID Readings or Laboratory Notes		
							HCL	HN03	H2SO4	NONE	OTHER																	
WG	111103-PC1	111103	PC	MW-11B	1510	WG	X					X	X				X											
				MW-12	1522		X					X	X				X											
				MW-13	0918		X					X	X				X											
				MW-13B	1416		X					X	X				X											
				MW-13C	1224		X					X	X				X											
				MW-14B	1122		X					X	X				X											
				MW-14C	1320		X					X	X				X											

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature] (sc)</i>	Date: 11/3/11	Time: 1650-1655
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature] (sc)</i>	Date: 11/4/11	Time: 1445
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 11/4/11	Time: 1050

LAB (LOCATION)

- CALSCIENCE ()
- SPL Houston ()
- XENCO ()
- TEST AMERICA (IRVINE)
- OTHER ()



Shell Oil Products Chain Of Custody Record

Please Check Appropriate Box:

<input type="checkbox"/> ENV. SERVICES	<input type="checkbox"/> MOTIVA RETAIL	<input type="checkbox"/> SHELL RETAIL
<input type="checkbox"/> MOTIVA SOACH	<input checked="" type="checkbox"/> CONSULTANT	<input type="checkbox"/> LUBES
<input type="checkbox"/> SHELL PIPELINE	<input type="checkbox"/> OTHER	

Print Bill To Contact Name: 135244 Peter Schaefer

INCIDENT # (ENV SERVICES): 9 7 5 6 5 9 9 5

DATE: 11/3/11

PO #: 4 0 - 4 0 3 4 9 7 3

SAP #

PAGE: 1 of 2

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

ADDRESS: 1680 Rogers Avenue, San Jose, CA

PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King

TELEPHONE: (310) 886-4455 x 108

FAX: (310) 637-5802

EMAIL: lking@blainetech.com

SITE ADDRESS: Street and City: 8999 San Ramon Rd., Dublin CA

GLOBAL ID NO.: T0800159797

EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter CRA, Emeryville, CA

PHONE NO.: 510-420-3343

E-MAIL: ShellEDF@CRAWorld.com, ShellUSLabDataManagement@CRAWorld.com

CONSULTANT PROJECT NO.: 111103-PC1

SAMPLER NAME(S) (Print): P. G. M. S. H.

LAB USE ONLY: JUK 0567

TURNAROUND TIME (CALENDAR DAYS):

STANDARD (14 DAY) 5 DAYS 3 DAYS 2 DAYS 24 HOURS RESULTS NEEDED ON WEEKEND

LA - RWOCB REPORT FORMAT UST AGENCY:

REQUESTED ANALYSIS

SPECIAL INSTRUCTIONS OR NOTES:

Please upload the CRA EDD to the CRA Website (http://craupload.craworld.com/equls/default.aspx) and/or send it to the Shell US Lab Data Management@CRAWorld.com email folder. Please indicate that you have uploaded the EDD by including EDD uploaded to CRA website in the body of the email used to deliver the final EDD report to the Shell US Lab Data Management@CRAWorld.com email folder.

Copy final report to Shell.Lab.Billing@craworld.com, ShellEDF@craworld.com, Shell.US.Lab.Data.Management@CRAWorld.com, and sevratad@CRAWorld.com

Email Invoice to Shell.Lab.Billing@craworld.com

SHELL CONTRACT RATE APPLIES

STATE REIMBURSEMENT RATE APPLIES

EDD NOT NEEDED

RECEIPT VERIFICATION REQUESTED

TPH-GRO, Purgeable (8260B)	TPH-DRO, Extractable (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) (8260B)	VOCs Full list (8260B)	Single Compound: (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015B)	TEMPERATURE ON RECEIPT: 2.5C
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Run TPH-D with Silica Gel Clean Up

LAB USE ONLY	PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	PRESERVATIVE					NO. OF CONT.
							HCL	HNO3	H2604	NONE	OTHER	
WG	11103-PC1	111104	PC	MW-1R	1140	WG	X			X		5
		111103		MW-2R	1504		X			X		
		111104		MW-2RB	1315		X			X		
				MW-2RC	1305		X			X		
				MW-7R	1200		X			X		
				MW-5			X			X		
		111104		MW-5B	1150		X			X		
				MW-5C	1335		X			X		
				MW-8	1130		X			X		
		111103		MW-8B	1530		X			X		

Retinquished by: (Signature) <i>P. G. M. S. H.</i>	Received by: (Signature) <i>P. G. M. S. H. (SC)</i>	Date: 11/3/11	Time: 1655
Retinquished by: (Signature) <i>P. G. M. S. H.</i>	Received by: (Signature) <i>P. G. M. S. H. (SC)</i>	Date: 11/4/11	Time: 1445
Retinquished by: (Signature) <i>David Taylor</i>	Received by: (Signature) <i>David Taylor</i>	Date: 11/7/11	Time: 1050

David Taylor 11-7-11 18:30

11103/11 10:00 (5)

LAB (LOCATION)

- CALSCIENCE ()
- SPL Houston ()
- XENCO ()
- TEST AMERICA (IRVINE)
- OTHER ()



Shell Oil Products Chain Of Custody Record

Please Check Appropriate Box:

- ENV. SERVICES
- MOTIVA RETAIL
- SHELL RETAIL
- MOTIVA SD&M
- CONSULTANT
- LUBES
- SHELL PIPELINE
- OTHER

Print Bill To Contact Name:

135244 Peter Schaefer

INCIDENT # (ENV SERVICES)

CHECK IF NO INCIDENT # APPLIES

DATE: 11/3/11

PAGE: 2 of 2

SAMPLING COMPANY:

Blaine Tech Services

LOG CODE:

BTSS

SITE ADDRESS: Street and City

8999 San Ramon Rd., Dublin

State

CA

GLOBAL ID NO.:

T0600169797

ADDRESS:

1680 Rogers Avenue, San Jose, CA

EDF DELIVERABLE TO (Name, Company, Office Location):

Brenda Carter CRA, Emeryville, CA

PHONE NO.:

610-420-3343

E-MAIL:

ShellEDF@CRAWorld.com
ShellUS:LabDataManagement@CRAworld.com

CONSULTANT PROJECT NO.:

111103-PC1

PROJECT CONTACT (Hardcopy or PDF Report to):

Lorin King

TELEPHONE:

(310) 885-4455 x 108

FAX:

(310) 637-5802

E-MAIL:

king@blainetech.com

SAMPLER NAME(S) (PHI):

P-Cornish

LAB USE ONLY

JWK01167

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:

1) Please upload the CRA EQUIS 14 file EDD to the CRA Website (<http://craupload.craworld.com/reqs/default.aspx>) and/or send it to the Shell US Lab Data Management @CRAworld.com email folder. 2) Please indicate that you have uploaded the EDD by including 'EDD Uploaded to CRA website' in the body of the email used to deliver the final PDF report to the Shell US Lab Data Management @CRAworld.com email folder.

Copy final report to Shell.Lab.Billing@craworld.com, ShellEDF@craworld.com, Shell.US.Lab.Data.Management@CRAworld.com, and esvrtad@CRAworld.com.

Email Invoice to Shell.Lab.Billing@craworld.com

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

Matrix Codes: WG (groundwater), WS (surface water), WP (drinking water source), W (trip or temp. Blank)

Run TPH-D with Silica Gel Clean Up

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT

7.5C

Container PID Readings or Laboratory Notes

LAB USE ONLY	SAMPLE ID					MATRIX	PRESERVATIVE					NO. OF CONT.	TPH-GRO, Purgeable (8260B)	TPH-DRO, Extractable (8016M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXys (MTBE, TBA, DIPE, YAME, ETBE) 8260B	VOCs Full list (8260B)	Single Compound: (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8016B)	TEMPERATURE ON RECEIPT	Container PID Readings or Laboratory Notes			
	PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME		HCL	HNO3	H2SO4	NONE	OTHER																		
WG	111103-PC1	111103	PC	MW-11B	1510	WG	X					5	X	X			X												
				MW-12	1520		X						X	X			X												
				MW-13	0918		X						X	X			X												
				MW-13B	1416		X						X	X			X												
				MW-13C	1224		X						X	X			X												
				MW-14B	1122		X						X	X			X												
				MW-14C	1330		X						X	X			X												

Relinquished by: (Signature) <i>Doherty</i>	Received by: (Signature) <i>Doherty (sc)</i>	Date: 11/3/11	Time: 1650-1655
Relinquished by: (Signature) <i>P. Cornish</i>	Received by: (Signature) <i>P. Cornish (sc)</i>	Date: 11/4/11	Time: 1445
Relinquished by: (Signature) <i>Michelle Maylor</i>	Received by: (Signature) <i>Michelle Maylor</i>	Date: 11/7/11	Time: 1050

Michelle Maylor 11-7-11 18:30

Michelle Maylor 11/8/11 10:00