CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: May 24, 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

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1:54 pm, Jun 04, 2012
Alameda County
Environmental Health

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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – First Quarter 2012

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

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 (property owner), 4431 Stoneridge Drive, Pleasanton, CA 94588

Completed by: Peter Schaefer Signed: Peter Schaefer

Filing: **Correspondence File**

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

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

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,

Denis L. Brown
Senior Program Manager

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2012

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

SAP CODE	135244
INCIDENT NO.	97565995
AGENCY NO.	RO0002744

Prepared by:
Conestoga-Rovers & Associates

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

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

web: http://www.CRAworld.com

MAY 24, 2012
REF. NO. 240724 (8)
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LIST OF APPENDICES

1.0 INTRODUCTION

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

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), shallow-zone, intermediate-zone, and deep-zone groundwater contour and chemical concentration maps (Figures 2, 3, and 4, respectively), 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 southerly
Deep-Zone Groundwater Flow Direction	Southerly
Shallow-Zone Hydraulic Gradient	0.06
Intermediate-Zone Hydraulic Gradient	0.07
Deep-Zone Hydraulic Gradient	0.07
Depth to Water	26.14 to 43.24 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

Peter Schaefer, CHG, CEG

Aubrey K. Cool, PG

FIGURES

02/08/2011

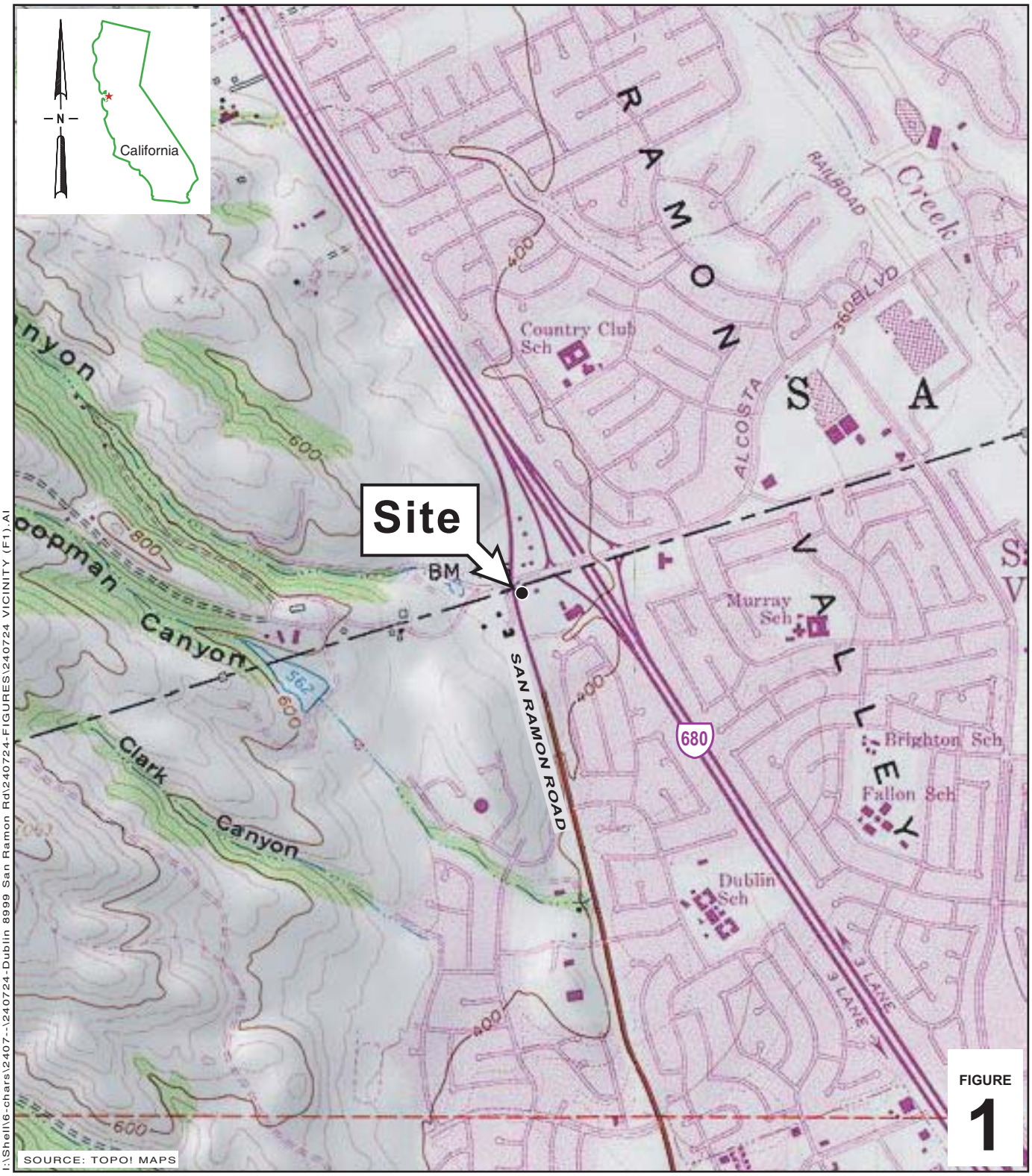


FIGURE
1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

I:\Shell\6-chars\2407-\240724-Dublin 8999 San Ramon Rd\240724-FIGURES\240724 VICINITY (F1).AI

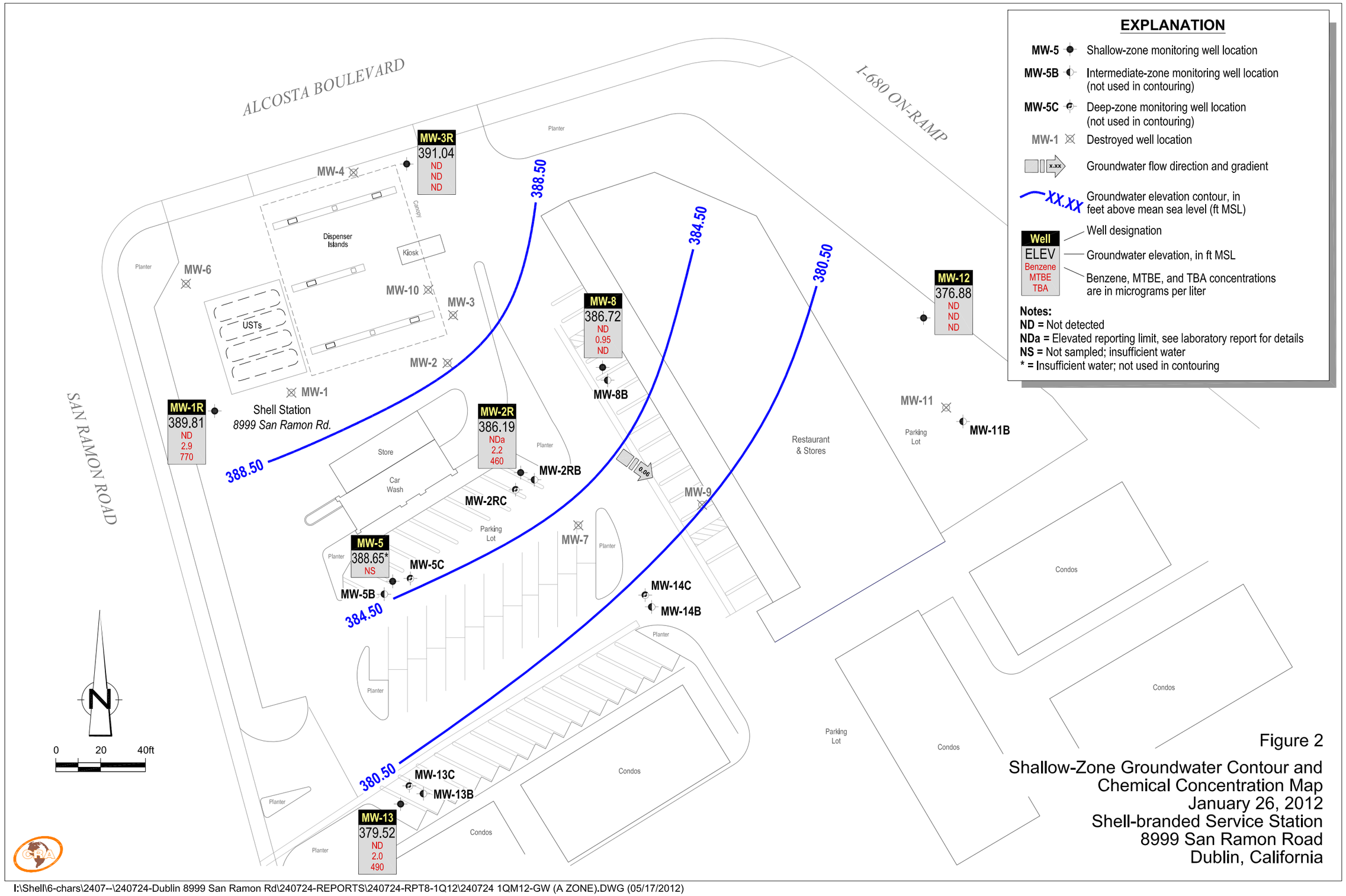
Shell-branded Service Station

8999 San Ramon Road

Dublin, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map



EXPLANATION

- **MW-5** — Shallow-zone monitoring well location
- **MW-5B** — Intermediate-zone monitoring well location (not used in contouring)
- **MW-5C** — Deep-zone monitoring well location (not used in contouring)
- **MW-1** — Destroyed well location
- x.xx — Groundwater flow direction and gradient
- xx.xx — Groundwater elevation contour, in feet above mean sea level (ft MSL)

Well
ELEV
Benzene
MTBE
TBA

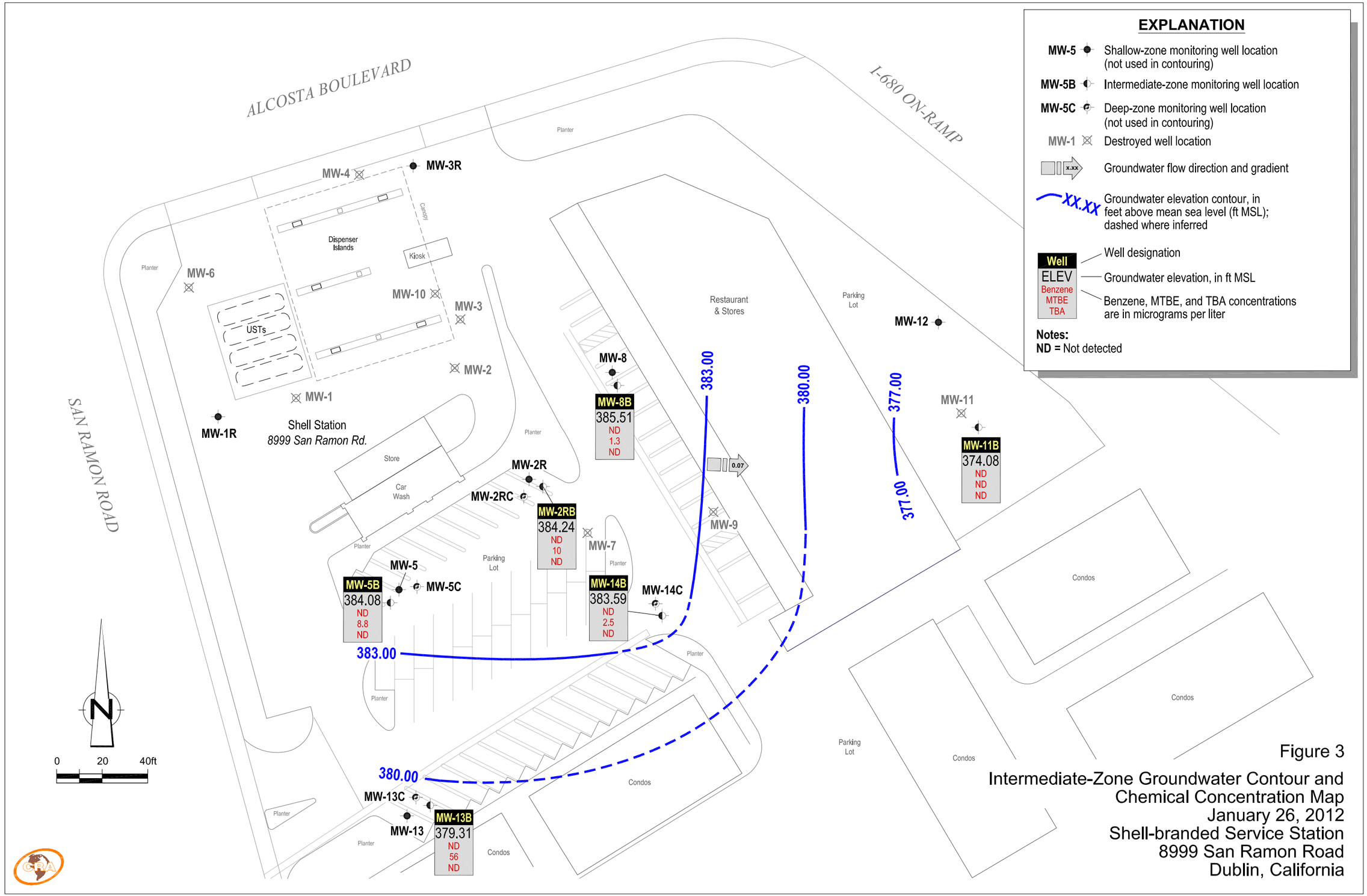
- Well designation
- Groundwater elevation, in ft MSL
- Benzene, MTBE, and TBA concentrations are in micrograms per liter

Notes:
ND = Not detected
NDa = Elevated reporting limit, see laboratory report for details
NS = Not sampled; insufficient water
*** =** Insufficient water; not used in contouring

Figure 2

Shallow-Zone Groundwater Contour and Chemical Concentration Map
January 26, 2012
Shell-branded Service Station
8999 San Ramon Road
Dublin, California

I:\Shell\6-chars\2407--\240724-Dublin 8999 San Ramon Rd\240724-REPORTS\240724-RPT8-1Q12\240724 1QM12-GW (A ZONE).DWG (05/17/2012)



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
- x.xx — Groundwater flow direction and gradient
- xx.xx — Groundwater elevation contour, in feet above mean sea level (ft MSL); dashed where inferred

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
January 26, 2012
Shell-branded Service Station
8999 San Ramon Road
Dublin, California

I:\Shell\6-chars\2407--\240724-Dublin 8999 San Ramon Rd\240724-REPORTS\240724-RPT8-1Q12\240724 1QM12-GW (B ZONE).DWG (05/01/2012)

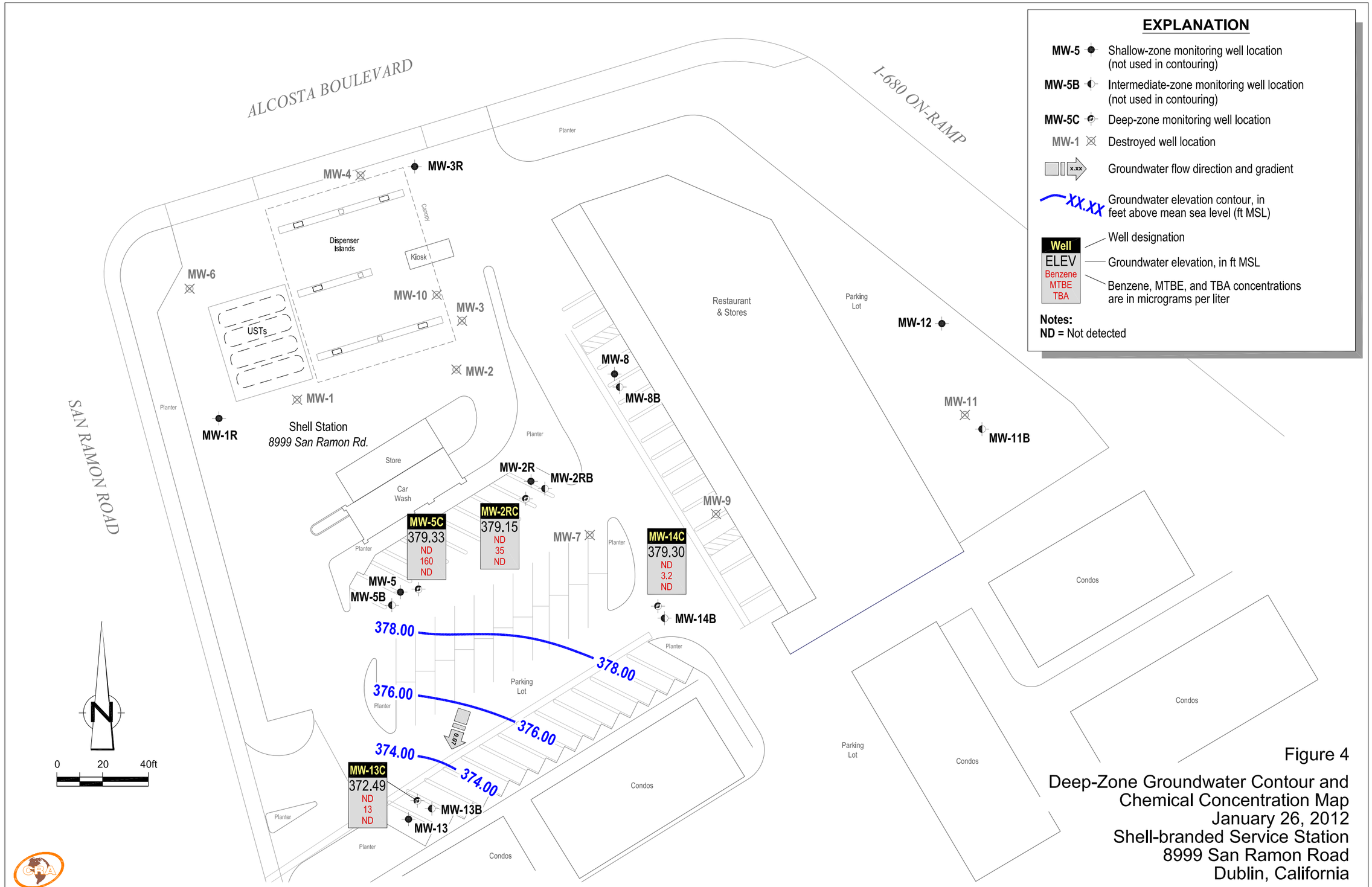


Figure 4

Deep-Zone Groundwater Contour and Chemical Concentration Map
January 26, 2012
Shell-branded Service Station
8999 San Ramon Road
Dublin, California

I:\Shell\6-chars\2407--\240724-Dublin 8999 San Ramon Rd\240724-REPORTS\240724-RPT8-1Q12\240724 1QM12-GW (C ZONE).DWG (05/01/2012)

TABLE

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-1	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	20.93	---
MW-1	05/19/2005	160 a,b	<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 a	<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 a	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 e	<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-1R	**01/26/2012**	**<49**	**<50**	**<0.50**	**<0.50**	**<0.50**	**3.2**	**2.9**	770	**<0.50**	**<0.50**	**<0.50**	**421.41**	**31.60**	**389.81**
MW-2	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	20.72	---
MW-2	05/19/2005	<50 a	<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 a	<1,000	<10	<10	<10	<20	<10	7,500	<40	<40	<40	418.88	25.33	393.55

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-2	11/08/2005	Well dry	---	---	---	---	---	---	---	---	---	---	418.88	---	---
MW-2	01/30/2006	401 a	<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
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	05/15/2008	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 h	<0.50 h	<0.50 h	<1.0 h	1.8 h	220 h	<1.0 h	<1.0 h	<1.0 h	415.82	---	---
MW-2R	**01/26/2012**	**100**	**1,700**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**2.2**	**460**	**<1.0**	**<1.0**	**<1.0**	**415.82**	**29.63**	**386.19**
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-2RB	**01/26/2012**	**150**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**10**	**<10**	**<0.50**	**<0.50**	**<0.50**	**415.66**	**31.42**	**384.24**
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

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-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-2RC	**01/26/2012**	**47**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**35**	**<10**	**<1.0**	**<1.0**	**<1.0**	**415.97**	**36.82**	**379.15**
MW-3	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	19.08	---
MW-3	05/19/2005	120 b	<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 a	<50	<0.50	<0.50	<0.50	<1.0	34	<5.0	<2.0	<2.0	<2.0	417.24	22.20	395.04
MW-3	11/08/2005	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	01/30/2006	412 a	<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 c	<0.50	<1.0	<1.0	<1.0	0.38 d	<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	05/15/2008	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 g	<0.50 g	<0.50 g	<0.50 g	<1.0 g	<1.0 g	<10 g	<1.0 g	<1.0 g	<1.0 g	417.18	---	---
MW-3R	**01/26/2012**	**110**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**417.18**	**26.14**	**391.04**

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-4	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	19.77	---
MW-4	05/19/2005	59 b	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 a	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 a	<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	---	---
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 c	<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 c	<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	05/15/2008	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 b	<50 c	<0.50	<1.0	<1.0	<1.0	0.56 d	<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	---	---

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-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	---	---
MW-5	**01/26/2012**	**Insufficient water**		**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**416.88**	**28.23**	**388.65**
MW-5B	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	417.66	29.74	387.92
MW-5B	02/15/2008	<50	110 b,c	<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 e	<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 f	<1.0	<1.0	<1.0	417.66	---	---

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-5B	**01/26/2012**	**120**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**8.8**	**<10**	**<0.50**	**<0.50**	**<0.50**	**417.66**	**33.58**	**384.08**
MW-5C	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	417.10	33.97	383.13
MW-5C	02/15/2008	<50	<50 c	<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
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 b	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 e	<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 e	<0.50	0.59	<0.50	1.7	190	14 f	<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-5C	**01/26/2012**	**53**	**150**	**<0.50**	**0.54**	**0.82**	**6.0**	**160**	**<10**	**<0.50**	**<0.50**	**<0.50**	**417.10**	**37.77**	**379.33**
MW-6	02/28/2006	---	---	---	---	---	---	---	---	---	---	---	422.50	23.55	398.95
MW-6	03/03/2006	104 a	<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 a	<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 c	<0.50	<1.0	<1.0	<1.0	1.1	<10	<2.0	<2.0	<2.0	422.50	25.77	396.73

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-6	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	422.50	---	---
MW-6	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	422.50	---	---
MW-6	02/15/2008	<50 a	<50 c	<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	05/15/2008	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
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

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-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 c	<0.50	<1.0	<1.0	<1.0	0.48 d	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 c	<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
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-8	**01/26/2012**	**270**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**0.95**	**<10**	**<0.50**	**<0.50**	**<0.50**	**414.54**	**27.82**	**386.72**
MW-8B	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	414.81	26.81	388.00
MW-8B	02/15/2008	<50	<50 c	<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

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-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 b	<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-8B	**01/26/2012**	**62**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**1.3**	**<10**	**<0.50**	**<0.50**	**<0.50**	**414.81**	**29.30**	**385.51**
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
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	---	---

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-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 b	<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 b	<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 c	<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 c	<0.50	<1.0	<1.0	<1.0	1.6	500	<2.0	<2.0	<2.0	419.48	25.58	393.90
MW-11	08/21/2006	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
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	---	---

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-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 c	<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
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-11B	**01/26/2012**	**<47**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**409.03**	**34.95**	**374.08**

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-12	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	411.18	31.10	380.08
MW-12	02/15/2008	<50	<50 c	<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-12	**01/26/2012**	**<47**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**411.18**	**34.30**	**376.88**
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
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-13	**01/26/2012**	**<49**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**2.0**	**490**	**<0.50**	**<0.50**	**<0.50**	**415.77**	**36.25**	**379.52**
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

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-13B	**01/26/2012**	**99**	**66**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**56**	**<10**	**<0.50**	**<0.50**	**<0.50**	**415.39**	**36.08**	**379.31**
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-13C	**01/26/2012**	**48**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**13**	**<10**	**<0.50**	**<0.50**	**<0.50**	**415.73**	**43.24**	**372.49**
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-14B	**01/26/2012**	**2,500**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**2.5**	**<10**	**<0.50**	**<0.50**	**<0.50**	**413.33**	**29.74**	**383.59**
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	413.48	21.51	391.97
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
MW-14C	**01/26/2012**	**600**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**3.2**	**<10**	**<0.50**	**<0.50**	**<0.50**	**413.10**	**33.80**	**379.30**

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
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B

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)*

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

a = TPHd analyzed without silica gel clean-up.
b = 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.
c = Analyzed by EPA Method 8015B (M)
d = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
e = Hydrocarbon result partly due to individual peak(s) in quantitation range
f = 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.
g = Sample received and analyzed without chemical preservation
h = 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 # 120126-BP1 Date 1-26-12 Client Shell

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 TOC	Notes
MW-1R	0920	4					31.60	59.80		
MW-2R	0826	2					29.63	45.30		
MW-2RB	0815	2					31.42	68.30		
MW-2RC	0820	2					36.82	106.18		
MW-3R	0735	4					26.14	34.60		
MW-5	0756	4					28.23	28.55		
MW-5B	0808	4					33.58 ~~28.60~~	60.75		
MW-5C	0828	4					37.77	98.44		
MW-8	0831	4					27.82	28.78		
MW-8B	0752	4					29.30	68.99		
MW-11B	0741	4					34.95	38.20		
MW-12	0746	4					34.30	38.73		
MW-13	0750	2					36.25	45.14		
MW-13B	0814	2					36.08	68.65		
MW-13C	0802	2					43.24	95.43		
MW-14B	0900	2					29.74	68.38		
MW-14C	0806	2					33.80	100.47		

SHELL WELL MONITORING DATA SHEET

BTS #: 1201 Z6-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: BP (CK)	Date: 1-26-12
Well I.D.: MW-1R	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 39.80	Depth to Water (DTW): 31.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.29	

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: ____

5.3 (Gals.) X 3 = 15.9 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1155	67.1	6.70	717	125	5.3	
1156	67.9	6.69	718	935	10.6	
1157	68.0	6.68	725	781	15.9	

Did well dewater? Yes (No) Gallons actually evacuated: 15.9

Sampling Date: 1-26-12 Sampling Time: 1450 Depth to Water: 31.60

Sample I.D.: MW-1R Laboratory: (Test America) Other____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 12126-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: BP CK	Date: 1-26-12
Well I.D.: MW-2R	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 45.30	Depth to Water (DTW): 29.63
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]: 32.76	

Purge Method: Bailer; Disposable Bailer; (Positive Air Displacement); Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

2.5 (Gals.) X 3 = 7.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1339	64.4	7.80	887	97	2.5	slight odor
1342	64.8	7.73	885	115	5.0	↓
1346	64.5	7.74	874	182	7.5	↓
					NOT AT	80% DTW: 36.72

Did well dewater? Yes (No) Gallons actually evacuated: 7.5

Sampling Date: 1-26-12 Sampling Time: 1430 Depth to Water: 32.62

Sample I.D.: MW-2R Laboratory: (Test America) Other_____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 1201 26-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: (BP) CK	Date: 1-26-12
Well I.D.: MW-2RB	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 68.30	Depth to Water (DTW): 31.42
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]: 38.79	

Purge Method: Bailer; Disposable Bailer; (Positive Air Displacement); Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

5.9 (Gals.) X 3 = 17.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1239	65.9	7.30	877	>1000	6.0	
1248	66.7	7.05	878.3	>1000	12.0	
1258	66.7	7.05	877.0	>1000	18.0	

Did well dewater? Yes (No) Gallons actually evacuated: 18.0

Sampling Date: 1-26-12 Sampling Time: 1305 Depth to Water: 33.50

Sample I.D.: MW-2RB Laboratory: (Test America) Other_____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 12017G-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: BP CK	Date: 1-26-12
Well I.D.: MW-2RC	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 106.18	Depth to Water (DTW): 36.82
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]: 50.69	

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: _____

11.1 (Gals.) X 3 = 33.3 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1320	65.0	7.89	1204	490	11.5	
1325	Well Dewatered @			15.50		DTW 104.10
1530	63.1	7.61	1189	480	—	

Did well dewater? (Yes) No Gallons actually evacuated: 15.50

Sampling Date: 1-26-12 Sampling Time: 1530 Depth to Water: 94.36 (2hr)

Sample I.D.: MW-2RC Laboratory: (Test America) Other_____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120126-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: (BP), CK	Date: 1-26-12
Well I.D.: MW-3R	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.60	Depth to Water (DTW): 26.14
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.17	

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: ______

5.5 (Gals.) X 3 = 16.5 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0840	67.6	7.70	750.0	133	5.5	
0842	well dewatered @ 8.4 gallons DTW: 31.50					
0850	66.5	7.50	677	70	—	

Did well dewater? (Yes) No	Gallons actually evacuated: 8.4
Sampling Date: 1-26-12 Sampling Time: 0850	Depth to Water: 27.80
Sample I.D.: MW-3R	Laboratory: (Test America) Other ______
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5)	Other: SEE COC
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5)	Other:
D.O. (if req'd): Pre-purge: mg/L	Post-purge: mg/L
O.R.P. (if req'd): Pre-purge: mV	Post-purge: mV

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* Purged + sampled out of order access restrictions
GRIFFS OF CON DOWN HOLE EQUIPMENT

SHELL WELL MONITORING DATA SHEET

BTS #: 120126-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: BP (CK)	Date: 1-26-12
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 28.55	Depth to Water (DTW): 28.23
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.29	

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: ____

0.2 (Gals.) X 3 = 0.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
	* ATTEMPT TO PURGE W/ DISP. BAILER					
	INSUFFICIENT WATER TO PURGE & SAMPLE					
	* NO SAMPLE TAKEN					

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 1-26-12 Sampling Time: Depth to Water:

Sample I.D.: MW- Laboratory: (Test America) Other____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120126-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: BP (CR)	Date: 1-26-12
Well I.D.: MW-5B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 66.75	Depth to Water (DTW): 33.58
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]: 40.21	

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: _____

21.6 (Gals.) X 3 = 64.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1135	67.0	6.91	1080	109	21.6	
1140	67.5	6.90	1072	61	43.2	
1145	67.7	6.91	1072	49	64.8	

Did well dewater? Yes (No) Gallons actually evacuated: 64.8

Sampling Date: 1-26-12 Sampling Time: 1410 Depth to Water: 33.98

Sample I.D.: MW-5B Laboratory: (Test America) Other_____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120126-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: BP (CK)	Date: 1-26-12
Well I.D.: MW-5C	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 98.44	Depth to Water (DTW): ~~98.44~~ 37.77
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]: 49.90	

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: _____

39.4 (Gals.) X	3	= 118.2 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1220	66.9	6.99	1230	71000	40.0	
1228	67.6	7.00	1219	632	80.0	
1236	67.8	7.00	1242	71000	120	

Did well dewater? Yes (No) Gallons actually evacuated: 120

Sampling Date: 1-26-12 Sampling Time: 1430 Depth to Water: 70.92

Sample I.D.: MW-5C Laboratory: (Test America) Other_____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 12126-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: BP (CK)	Date: 1-26-12
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.78	Depth to Water (DTW): 27.82
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.01	

Purge Method: Bailer; (Disposable Bailer); Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: ~~Bailer~~; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

0.6 (Gals.) X	3	= 1.86 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0848	66.6	6.24	626	>1000	0.6	
	WELL	DEWATERED @		0.7 gallon	0.7	
0918	67.0	6.27	630	>1000	—	

Did well dewater? (Yes) No Gallons actually evacuated: 0.7

Sampling Date: 1-26-12 Sampling Time: 0920 Depth to Water: 27.84

Sample I.D.: MW-8 Laboratory: (Test America) Other_____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 1201 26-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: BP (CK)	Date: 1-26-12
Well I.D.: MW-9B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 68.49	Depth to Water (DTW): 29.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 37.14	

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: ___

~~25.5~~ 25.5 (Gals.) X 3 = 76.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0958	66.7	6.66	762	81	25.5	
0903	67.2	6.69	777	27	51.0	
0908	67.2	6.70	782	17	76.5	

Did well dewater? Yes (No) Gallons actually evacuated: 76.5

Sampling Date: 1-26-12 Sampling Time: 0940 Depth to Water: 36.90

Sample I.D.: MW-9B Laboratory: (Test America) Other ___

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120126-BP1	Site: 8999 Sunol Ramon Rd Dublin
Sampler: (BP) CK	Date: 1-26-12
Well I.D.: MW-11B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 38.26	Depth to Water (DTW): 34.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 35.60	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, ~~Electric Submersible~~, Waterra, Peristaltic, Extraction Pump, Other_____

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

2.1 (Gals.) X	3	= 6.3 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1030	67.2	6.95	622.5	650	2.1	
1032	67.9	6.83	616.9	227	4.2	
1035	68.1	6.76	614.4	87	6.5	

Did well dewater? Yes (No) Gallons actually evacuated: 6.5

Sampling Date: 1-26-12 Sampling Time: 1045 Depth to Water: 35.35

Sample I.D.: MW-11B Laboratory: (Test America) Other_____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120126-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: (BP) CK	Date: 1-26-12
Well I.D.: MW-12	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 38.73	Depth to Water (DTW): 34.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 35.18	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

2.9 (Gals.) X	3	= 8.7 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1105	66.6	6.93	536	521	2.9	
1107	67.3	6.61	550	817	5.8	
Well Dewatered @ 6.0 Gallons						DTW: 35.32
1120	67.0	6.63	548	>1000	—	

Did well dewater? (Yes) No Gallons actually evacuated: 6.0

Sampling Date: 1-26-12 Sampling Time: 1120 Depth to Water: 35.10

Sample I.D.: MW-12 Laboratory: (Test America) Other ____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120126-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: BP (CK)	Date: 1-26-12
Well I.D.: MW-13	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 45.14	Depth to Water (DTW): 36.25
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]: 38.03	

Purge Method: (Bailer)
Disposable Bailer
Positive Air Displacement
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other ____

Sampling Method: (Bailer)
Disposable Bailer
Extraction Port
Dedicated Tubing
Other: ____

1.4 (Gals.) X 3 = 4.2 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0956	66.5	6.61	990	71000	1.4	
0958	67.1	6.63	995	71000	2.8	
1000	66.9	6.64	983	71000	4.2	

Did well dewater? Yes (No) Gallons actually evacuated: 4.2

Sampling Date: 1-26-12 Sampling Time: 1010 Depth to Water: 36.40

Sample I.D.: MW-13 Laboratory: (Test America) Other ____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120126-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: BQ CK	Date: 1-26-12
Well I.D.: MW-13B	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 68.65	Depth to Water (DTW): 36.08
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]: 42.59	

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: ____

5.2 (Gals.) X 3 = 15.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1155	65.4	6.97	1212	584	5.2	
1200	65.5	7.05	1203	>1000	10.4	
1205	65.8	7.05	1200	>1000	15.6	

Did well dewater? Yes (No) Gallons actually evacuated: 16.0

Sampling Date: 1-26-12 Sampling Time: 1210 Depth to Water: 42.44

Sample I.D.: MW-13B Laboratory: (Test America) Other ____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 12126-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: BP (CK)	Date: 1-26-12
Well I.D.: MW-13C	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 95.43	Depth to Water (DTW): 43.24
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]: 53.68	

Purge Method: Bailer; Disposable Bailer; (Positive Air Displacement); Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ___

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ___

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1035	63.9	7.48	1264	>1000	8.4	
1050	64.2	7.50	1285	>1000	16.8	
1105	64.5	7.51	1298	>1000	25.2	

Did well dewater? Yes (No) Gallons actually evacuated: 25.2

Sampling Date: 1-26-12 Sampling Time: 1400 Depth to Water: 45.25

Sample I.D.: MW-13C Laboratory: (Test America) Other ___

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120126-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: (BP), CK	Date: 1-26-12
Well I.D.: MW-14B	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 68.38	Depth to Water (DTW): 29.74
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]: 37.46	

Purge Method: Bailer; Disposable Bailer; ~~Positive Air Displacement~~; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other________

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ________

6.18 (Gals.) X 3 = 18.54 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1000	68.5	7.02	958.6	>1000	6.18	Brown
1010	66.7	6.91	867.0	>1000	12.4	
1015	66.4	6.88	866.6	>1000	18.5	

Did well dewater? Yes (No)	Gallons actually evacuated: 18.5	
Sampling Date: 1-26-12	Sampling Time: 1020	Depth to Water: 33.30
Sample I.D.: MW-14B	Laboratory: (Test America) Other________	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5)	Other: SEE COC	
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5)	Other:	

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

*PURGED & SAMPLED OUT OF ORDER, ACCESS RESTRICTIONS.
[illegible] DOWN HOLE EQUIPMENT

SHELL WELL MONITORING DATA SHEET

BTS #: 120126-BP1	Site: 8999 San Ramon Rd Dublin
Sampler: (BP) CK	Date: 1-26-12
Well I.D.: MW-14C	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 100.47	Depth to Water (DTW): 33.80
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 47.13	

Purge Method: Bailer, Disposable Bailer, ~~Positive Air Displacement~~, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other________

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other: ________

10.7 (Gals.) X 3 = 32.1 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0923	64.8	7.22	1231	104	10.7	
0936	65.3	7.00	1223	82	21.4	
0950	65.2	7.00	1234	62	32.5	

Did well dewater? Yes (No)	Gallons actually evacuated: 32.5
Sampling Date: 1-26-12 Sampling Time: 0955	Depth to Water: 40.38
Sample I.D.: MW-14C	Laboratory: (Test America) Other________
Analyzed for: TPH-G BTEX MTBE TPH-D	Oxygenates (5) Other: SEE COC
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Oxygenates (5) Other:
D.O. (if req'd): Pre-purge: mg/L	Post-purge: mg/L
O.R.P. (if req'd): Pre-purge: mV	Post-purge: mV

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558

* Purged & sampled out of order access restrictions. [illegible] of [illegible] down hole equipment

1756-7715

DATE: 1-26-12

ADDRESS 8994 San Ramon Rd

CITY & STATE Dublin CA

Well ID	Manway Cover: Type	Condition	Size	Observations Upon Arrival: Well Labeled? Painted Property		Well Cap (Gripper) Condition		Well Lock Condition		Well Pad / Surface Condition		Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM Initials
MW-1R	Standpipe	Flush	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-2R	Standpipe	Flush	8	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-2RB	Standpipe	Flush	8	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-2RC	Standpipe	Flush	8	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-3R	Standpipe	Flush	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-5	Standpipe	Flush	8	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-5B	Standpipe	Flush	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-5C	Standpipe	Flush	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-8	Standpipe	Flush	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-8B	Standpipe	Flush	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-11B	Standpipe	Flush	12	Y	N	G	R	G	R	NL	G	P	½ tabs stripped	Y	N	
TOTAL # CAPS REPLACED =							0		0	= TOTAL # OF LOCKS REPLACED					

Condition of Soil Boring Patches or Abandoned Monitoring Wells	G	P	N/A	If POOR, Borings/Well IDs or Location Description	Photos of Condition		Repair Date and PM Initials
	G	P	N/A		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	X	G	P	N/A	G	P	N/A	G	P	N/A	Y	N	N/A		Y	N	
Building																	
Building w/ Fence Comp.																	
Fenced Compound																	
Trailer																	

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 Drum's 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).

Ben Panell / Blaine Tech Servi

Print or type Name of Field Personnel & Consultant Company

17503745

DATE: 1-26-12

ADDRESS 8999 San Ramon Rd

CITY & STATE Dublin CA

Well ID	Observations Upon Arrival: Manway Cover Type, Condition & Size						Well Labeled / Painted Properly		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition		Note Repairs Made / Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM Initials
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) 4		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-13B	Standpipe	Flush	G	P	Size (inch) 4		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-13C	Standpipe	Flush	G	P	Size (inch) 4		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-14B	Standpipe	Flush	G	P	Size (inch) 8		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-14C	Standpipe	Flush	G	P	Size (inch) 8		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 | 0 = TOTAL # OF LOCKS REPLACED

Condition of Soil Boring Patches or Abandoned Monitoring Wells	G	P	N/A	If POOR, Borings/Well IDs or Location Description			Photos of Condition		Repair Date and PM Initials
							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	X	G	P	N/A	G	P	N/A	G	P	N/A	Y	N	N/A		Y	N	
Building																	
Building w/ Fence Comp.																	
Fenced Compound																	
Trailer																	

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

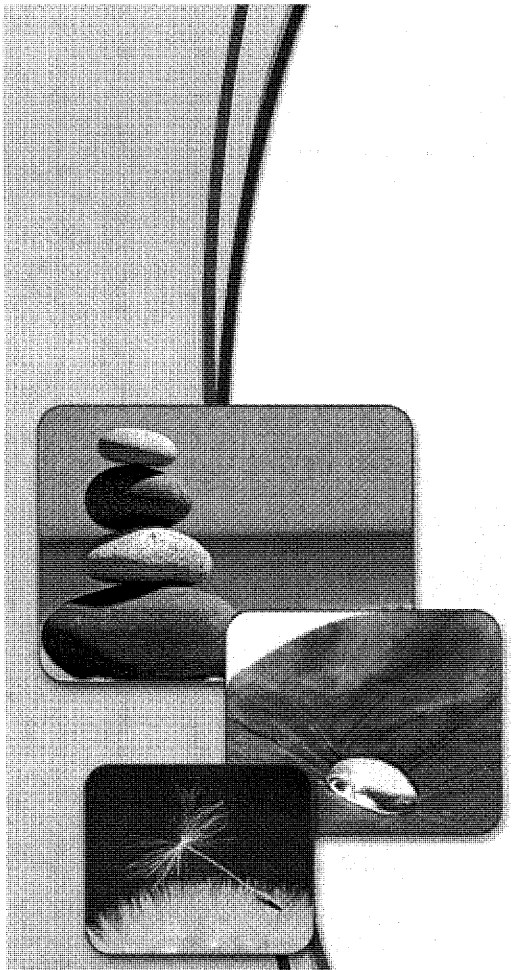
All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

Ben Panell / Blaine Tech Services

Print or type Name of Field Personnel & Consultant Company

APPENDIX B

TEST AMERICA – ANALYTICAL REPORT



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-841-1
Client Project/Site: 8999 San Ramon Rd., Dublin, CA

For:
Conestoga-Rovers & Associates, Inc.
5900 Hollis Street
Suite A
Emeryville, California 94608

Attn: Peter Schaefrer

Philip Sanelle

Authorized for release by:
2/14/2012 3:45:18 PM

Philip Sanelle
Project Manager I
philip.sanelle@testamericainc.com

Table of Contents

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 8999 San Ramon Rd., Dublin, CA

TestAmerica Job ID: 440-841-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-841-1	MW-1R	Water	01/26/12 14:50	01/28/12 11:45
440-841-2	MW-2R	Water	01/26/12 14:30	01/28/12 11:45
440-841-3	MW-2RB	Water	01/26/12 13:05	01/28/12 11:45
440-841-4	MW-2RC	Water	01/26/12 15:30	01/28/12 11:45
440-841-5	MW-3R	Water	01/26/12 08:50	01/28/12 11:45
440-841-6	MW-5B	Water	01/26/12 14:10	01/28/12 11:45
440-841-7	MW-5C	Water	01/26/12 14:30	01/28/12 11:45
440-841-8	MW-8	Water	01/26/12 09:20	01/28/12 11:45
440-841-9	MW-8B	Water	01/26/12 09:40	01/28/12 11:45
440-841-10	MW-11B	Water	01/26/12 10:45	01/28/12 11:45
440-841-11	MW-12	Water	01/26/12 11:20	01/28/12 11:45
440-841-12	MW-13	Water	01/26/12 10:10	01/28/12 11:45
440-841-13	MW-14B	Water	01/26/12 10:20	01/28/12 11:45
440-841-14	MW-13C	Water	01/26/12 14:00	01/28/12 11:45
440-841-15	MW-14C	Water	01/26/12 09:55	01/28/12 11:45
440-841-16	MW-13B	Water	01/26/12 12:10	01/28/12 11:45

Client Sample ID: MW-1R

Date Collected: 01/26/12 14:50
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-1

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			02/02/12 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*80 - 120*		*02/02/12 02:39*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*02/02/12 02:39*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*02/02/12 02:39*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/02/12 02:39	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			02/02/12 02:39	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			02/02/12 02:39	1
Ethylbenzene	ND		0.50		ug/L			02/02/12 02:39	1
Methyl-t-Butyl Ether (MTBE)	**2.9**		0.50		ug/L			02/02/12 02:39	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			02/02/12 02:39	1
tert-Butyl alcohol (TBA)	**770**		10		ug/L			02/02/12 02:39	1
Toluene	ND		0.50		ug/L			02/02/12 02:39	1
Xylenes, Total	**3.2**		1.0		ug/L			02/02/12 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*02/02/12 02:39*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 120*		*02/02/12 02:39*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*02/02/12 02:39*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		49		ug/L		01/30/12 10:41	01/31/12 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*79*		*45 - 120*	*01/30/12 10:41*	*01/31/12 03:13*	*1*

Client Sample ID: MW-2R

Date Collected: 01/26/12 14:30
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-2

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**1700**		100		ug/L			01/30/12 18:00	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*01/30/12 18:00*	*2*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*		*01/30/12 18:00*	*2*
Toluene-d8 (Surr)	*106*		*80 - 120*		*01/30/12 18:00*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			01/30/12 18:00	2
Isopropyl Ether (DIPE)	ND		1.0		ug/L			01/30/12 18:00	2
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/L			01/30/12 18:00	2
Ethylbenzene	ND		1.0		ug/L			01/30/12 18:00	2

Client Sample ID: MW-2R

Lab Sample ID: 440-841-2

Date Collected: 01/26/12 14:30
Matrix: Water
Date Received: 01/28/12 11:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	**2.2**		1.0		ug/L			01/30/12 18:00	2
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/L			01/30/12 18:00	2
tert-Butyl alcohol (TBA)	**460**		20		ug/L			01/30/12 18:00	2
Toluene	ND		1.0		ug/L			01/30/12 18:00	2
Xylenes, Total	ND		2.0		ug/L			01/30/12 18:00	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*		*01/30/12 18:00*	*2*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*01/30/12 18:00*	*2*
Toluene-d8 (Surr)	*106*		*80 - 120*		*01/30/12 18:00*	*2*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**100**		47		ug/L		01/30/12 10:41	01/31/12 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*93*		*45 - 120*	*01/30/12 10:41*	*01/31/12 03:33*	*1*

Client Sample ID: MW-2RB

Lab Sample ID: 440-841-3

Date Collected: 01/26/12 13:05
Matrix: Water
Date Received: 01/28/12 11:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 10:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*01/30/12 10:53*	*1*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*01/30/12 10:53*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*01/30/12 10:53*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 10:53	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 10:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 10:53	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 10:53	1
Methyl-t-Butyl Ether (MTBE)	**10**		0.50		ug/L			01/30/12 10:53	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 10:53	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 10:53	1
Toluene	ND		0.50		ug/L			01/30/12 10:53	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 10:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*01/30/12 10:53*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*01/30/12 10:53*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*01/30/12 10:53*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**150**		47		ug/L		01/30/12 10:41	01/31/12 03:53	1

Client Sample ID: MW-2RB

Lab Sample ID: 440-841-3

Date Collected: 01/26/12 13:05
Date Received: 01/28/12 11:45

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*88*		*45 - 120*	*01/30/12 10:41*	*01/31/12 03:53*	*1*

Client Sample ID: MW-2RC

Lab Sample ID: 440-841-4

Date Collected: 01/26/12 15:30
Date Received: 01/28/12 11:45

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*01/30/12 12:24*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/30/12 12:24*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/30/12 12:24*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 12:24	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 12:24	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 12:24	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 12:24	1
Methyl-t-Butyl Ether (MTBE)	**35**		0.50		ug/L			01/30/12 12:24	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 12:24	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 12:24	1
Toluene	ND		0.50		ug/L			01/30/12 12:24	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/30/12 12:24*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*01/30/12 12:24*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/30/12 12:24*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**47**		47		ug/L		01/30/12 10:41	01/31/12 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*83*		*45 - 120*	*01/30/12 10:41*	*01/31/12 04:13*	*1*

Client Sample ID: MW-3R

Lab Sample ID: 440-841-5

Date Collected: 01/26/12 08:50
Date Received: 01/28/12 11:45

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*01/30/12 12:55*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/30/12 12:55*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/30/12 12:55*	*1*

Client Sample ID: MW-3R

Date Collected: 01/26/12 08:50
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 12:55	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 12:55	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 12:55	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 12:55	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/30/12 12:55	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 12:55	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 12:55	1
Toluene	ND		0.50		ug/L			01/30/12 12:55	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/30/12 12:55*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*01/30/12 12:55*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/30/12 12:55*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**110**		48		ug/L		01/30/12 10:41	01/31/12 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*77*		*45 - 120*	*01/30/12 10:41*	*01/31/12 04:34*	*1*

Client Sample ID: MW-5B

Date Collected: 01/26/12 14:10
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-6

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*01/30/12 13:25*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*01/30/12 13:25*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/30/12 13:25*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 13:25	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 13:25	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 13:25	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 13:25	1
Methyl-t-Butyl Ether (MTBE)	**8.8**		0.50		ug/L			01/30/12 13:25	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 13:25	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 13:25	1
Toluene	ND		0.50		ug/L			01/30/12 13:25	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*01/30/12 13:25*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*01/30/12 13:25*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/30/12 13:25*	*1*

Client Sample ID: MW-5B

Lab Sample ID: 440-841-6

Date Collected: 01/26/12 14:10
Matrix: Water
Date Received: 01/28/12 11:45

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**120**		48		ug/L		01/30/12 10:41	01/31/12 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*89*		*45 - 120*	*01/30/12 10:41*	*01/31/12 04:54*	*1*

Client Sample ID: MW-5C

Lab Sample ID: 440-841-7

Date Collected: 01/26/12 14:30
Matrix: Water
Date Received: 01/28/12 11:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**150**		50		ug/L			01/30/12 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*01/30/12 13:55*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/30/12 13:55*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*01/30/12 13:55*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 13:55	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 13:55	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 13:55	1
Ethylbenzene	**0.82**		0.50		ug/L			01/30/12 13:55	1
Methyl-t-Butyl Ether (MTBE)	**160**		0.50		ug/L			01/30/12 13:55	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 13:55	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 13:55	1
Toluene	**0.54**		0.50		ug/L			01/30/12 13:55	1
Xylenes, Total	**6.0**		1.0		ug/L			01/30/12 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*01/30/12 13:55*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*01/30/12 13:55*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*01/30/12 13:55*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**53**		47		ug/L		02/02/12 08:41	02/02/12 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*91*		*45 - 120*	*02/02/12 08:41*	*02/02/12 20:47*	*1*

Client Sample ID: MW-8

Lab Sample ID: 440-841-8

Date Collected: 01/26/12 09:20
Matrix: Water
Date Received: 01/28/12 11:45

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			02/02/12 03:07	1

Client Sample ID: MW-8

Date Collected: 01/26/12 09:20
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-8

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*80 - 120*		*02/02/12 03:07*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*02/02/12 03:07*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*02/02/12 03:07*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/02/12 03:07	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			02/02/12 03:07	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			02/02/12 03:07	1
Ethylbenzene	ND		0.50		ug/L			02/02/12 03:07	1
Methyl-t-Butyl Ether (MTBE)	**0.95**		0.50		ug/L			02/02/12 03:07	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			02/02/12 03:07	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			02/02/12 03:07	1
Toluene	ND		0.50		ug/L			02/02/12 03:07	1
Xylenes, Total	ND		1.0		ug/L			02/02/12 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*02/02/12 03:07*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 120*		*02/02/12 03:07*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*02/02/12 03:07*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**270**		48		ug/L		02/02/12 08:41	02/03/12 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*75*		*45 - 120*	*02/02/12 08:41*	*02/03/12 04:04*	*1*

Client Sample ID: MW-8B

Date Collected: 01/26/12 09:40
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-9

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*01/30/12 14:26*	*1*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*01/30/12 14:26*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/30/12 14:26*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 14:26	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 14:26	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 14:26	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 14:26	1
Methyl-t-Butyl Ether (MTBE)	**1.3**		0.50		ug/L			01/30/12 14:26	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 14:26	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 14:26	1
Toluene	ND		0.50		ug/L			01/30/12 14:26	1

Client Sample ID: MW-8B

Date Collected: 01/26/12 09:40
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		1.0		ug/L			01/30/12 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*01/30/12 14:26*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*01/30/12 14:26*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/30/12 14:26*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**62**		48		ug/L		02/02/12 08:41	02/02/12 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*81*		*45 - 120*	*02/02/12 08:41*	*02/02/12 21:08*	*1*

Client Sample ID: MW-11B

Date Collected: 01/26/12 10:45
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-10

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*01/30/12 14:56*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/30/12 14:56*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/30/12 14:56*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 14:56	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 14:56	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 14:56	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 14:56	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/30/12 14:56	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 14:56	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 14:56	1
Toluene	ND		0.50		ug/L			01/30/12 14:56	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/30/12 14:56*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*01/30/12 14:56*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/30/12 14:56*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		47		ug/L		02/02/12 08:41	02/02/12 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*94*		*45 - 120*	*02/02/12 08:41*	*02/02/12 21:28*	*1*

Client Sample ID: MW-12

Date Collected: 01/26/12 11:20
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-11
Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*01/30/12 15:27*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/30/12 15:27*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/30/12 15:27*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 15:27	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 15:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 15:27	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 15:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/30/12 15:27	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 15:27	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 15:27	1
Toluene	ND		0.50		ug/L			01/30/12 15:27	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/30/12 15:27*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*01/30/12 15:27*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/30/12 15:27*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		47		ug/L		02/02/12 08:41	02/02/12 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*82*		*45 - 120*	*02/02/12 08:41*	*02/02/12 22:28*	*1*

Client Sample ID: MW-13

Date Collected: 01/26/12 10:10
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-12
Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*01/30/12 15:58*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/30/12 15:58*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/30/12 15:58*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 15:58	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 15:58	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 15:58	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 15:58	1
Methyl-t-Butyl Ether (MTBE)	**2.0**		0.50		ug/L			01/30/12 15:58	1

Client Sample ID: MW-13

Date Collected: 01/26/12 10:10
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-12

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 15:58	1
tert-Butyl alcohol (TBA)	**490**		10		ug/L			01/30/12 15:58	1
Toluene	ND		0.50		ug/L			01/30/12 15:58	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*01/30/12 15:58*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*01/30/12 15:58*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/30/12 15:58*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		49		ug/L		02/02/12 08:41	02/02/12 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*60*		*45 - 120*	*02/02/12 08:41*	*02/02/12 21:48*	*1*

Client Sample ID: MW-14B

Date Collected: 01/26/12 10:20
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-13

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*01/30/12 16:29*	*1*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*01/30/12 16:29*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*01/30/12 16:29*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 16:29	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 16:29	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 16:29	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 16:29	1
Methyl-t-Butyl Ether (MTBE)	**2.5**		0.50		ug/L			01/30/12 16:29	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 16:29	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 16:29	1
Toluene	ND		0.50		ug/L			01/30/12 16:29	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*01/30/12 16:29*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*01/30/12 16:29*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*01/30/12 16:29*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2500**		95		ug/L		02/02/12 08:41	02/07/12 02:06	2

Client Sample ID: MW-14B

Lab Sample ID: 440-841-13

Date Collected: 01/26/12 10:20
Date Received: 01/28/12 11:45

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*93*		*45 - 120*	*02/02/12 08:41*	*02/07/12 02:06*	*2*

Client Sample ID: MW-13C

Lab Sample ID: 440-841-14

Date Collected: 01/26/12 14:00
Date Received: 01/28/12 11:45

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*01/30/12 16:59*	*1*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*		*01/30/12 16:59*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*01/30/12 16:59*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 16:59	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 16:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 16:59	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 16:59	1
Methyl-t-Butyl Ether (MTBE)	**13**		0.50		ug/L			01/30/12 16:59	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 16:59	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 16:59	1
Toluene	ND		0.50		ug/L			01/30/12 16:59	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*		*01/30/12 16:59*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*01/30/12 16:59*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*01/30/12 16:59*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**48**		47		ug/L		02/02/12 08:41	02/02/12 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*82*		*45 - 120*	*02/02/12 08:41*	*02/02/12 22:55*	*1*

Client Sample ID: MW-14C

Lab Sample ID: 440-841-15

Date Collected: 01/26/12 09:55
Date Received: 01/28/12 11:45

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*01/30/12 21:59*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/30/12 21:59*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/30/12 21:59*	*1*

Client Sample ID: MW-14C

Lab Sample ID: 440-841-15

Date Collected: 01/26/12 09:55
Date Received: 01/28/12 11:45

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 21:59	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 21:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 21:59	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 21:59	1
Methyl-t-Butyl Ether (MTBE)	**3.2**		0.50		ug/L			01/30/12 21:59	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 21:59	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 21:59	1
Toluene	ND		0.50		ug/L			01/30/12 21:59	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/30/12 21:59*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*01/30/12 21:59*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/30/12 21:59*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**600**		47		ug/L		02/02/12 08:41	02/03/12 03:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*93*		*45 - 120*	*02/02/12 08:41*	*02/03/12 03:24*	*1*

Client Sample ID: MW-13B

Lab Sample ID: 440-841-16

Date Collected: 01/26/12 12:10
Date Received: 01/28/12 11:45

Matrix: Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**66**		50		ug/L			01/30/12 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*01/30/12 23:24*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/30/12 23:24*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/30/12 23:24*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 23:24	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 23:24	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 23:24	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 23:24	1
Methyl-t-Butyl Ether (MTBE)	**56**		0.50		ug/L			01/30/12 23:24	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 23:24	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 23:24	1
Toluene	ND		0.50		ug/L			01/30/12 23:24	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*01/30/12 23:24*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*01/30/12 23:24*	*1*

Client Sample ID: MW-13B
Date Collected: 01/26/12 12:10
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*01/30/12 23:24*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**99**		47		ug/L		02/02/12 08:41	02/03/12 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*76*		*45 - 120*	*02/02/12 08:41*	*02/03/12 00:03*	*1*

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 8999 San Ramon Rd., Dublin, CA

TestAmerica Job ID: 440-841-1

Client Sample ID: MW-1R

Date Collected: 01/26/12 14:50
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4686	02/02/12 02:39	MR	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4687	02/02/12 02:39	MR	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1020 mL	1 mL	4311	01/30/12 10:41	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4383	01/31/12 03:13	CP	TAL IRV

Client Sample ID: MW-2R

Date Collected: 01/26/12 14:30
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	10 mL	10 mL	4293	01/30/12 18:00	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		2	10 mL	10 mL	4294	01/30/12 18:00	SS	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1060 mL	1 mL	4311	01/30/12 10:41	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4383	01/31/12 03:33	CP	TAL IRV

Client Sample ID: MW-2RB

Date Collected: 01/26/12 13:05
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4293	01/30/12 10:53	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4294	01/30/12 10:53	SS	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1060 mL	1 mL	4311	01/30/12 10:41	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4383	01/31/12 03:53	CP	TAL IRV

Client Sample ID: MW-2RC

Date Collected: 01/26/12 15:30
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4293	01/30/12 12:24	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4294	01/30/12 12:24	SS	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1060 mL	1 mL	4311	01/30/12 10:41	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4383	01/31/12 04:13	CP	TAL IRV

Client Sample ID: MW-3R

Date Collected: 01/26/12 08:50
Date Received: 01/28/12 11:45

Lab Sample ID: 440-841-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4293	01/30/12 12:55	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4294	01/30/12 12:55	SS	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	4311	01/30/12 10:41	AV	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 8999 San Ramon Rd., Dublin, CA

TestAmerica Job ID: 440-841-1

Client Sample ID: MW-3R

Lab Sample ID: 440-841-5

Date Collected: 01/26/12 08:50

Matrix: Water

Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Silica Gel Cleanup	Analysis	8015B		1			4383	01/31/12 04:34	CP	TAL IRV

Client Sample ID: MW-5B

Lab Sample ID: 440-841-6

Date Collected: 01/26/12 14:10

Matrix: Water

Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4293	01/30/12 13:25	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4294	01/30/12 13:25	SS	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	4311	01/30/12 10:41	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4383	01/31/12 04:54	CP	TAL IRV

Client Sample ID: MW-5C

Lab Sample ID: 440-841-7

Date Collected: 01/26/12 14:30

Matrix: Water

Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4293	01/30/12 13:55	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4294	01/30/12 13:55	SS	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1055 mL	1 mL	4771	02/02/12 08:41	JM	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4851	02/02/12 20:47	ES	TAL IRV

Client Sample ID: MW-8

Lab Sample ID: 440-841-8

Date Collected: 01/26/12 09:20

Matrix: Water

Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4686	02/02/12 03:07	MR	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4687	02/02/12 03:07	MR	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1040 mL	1 mL	4771	02/02/12 08:41	JM	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4851	02/03/12 04:04	ES	TAL IRV

Client Sample ID: MW-8B

Lab Sample ID: 440-841-9

Date Collected: 01/26/12 09:40

Matrix: Water

Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4293	01/30/12 14:26	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4294	01/30/12 14:26	SS	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1040 mL	1 mL	4771	02/02/12 08:41	JM	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4851	02/02/12 21:08	ES	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 8999 San Ramon Rd., Dublin, CA

TestAmerica Job ID: 440-841-1

Client Sample ID: MW-11B

Lab Sample ID: 440-841-10

Date Collected: 01/26/12 10:45
Matrix: Water
Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4293	01/30/12 14:56	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4294	01/30/12 14:56	SS	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1055 mL	1 mL	4771	02/02/12 08:41	JM	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4851	02/02/12 21:28	ES	TAL IRV

Client Sample ID: MW-12

Lab Sample ID: 440-841-11

Date Collected: 01/26/12 11:20
Matrix: Water
Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4293	01/30/12 15:27	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4294	01/30/12 15:27	SS	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1055 mL	1 mL	4771	02/02/12 08:41	JM	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4851	02/02/12 22:28	ES	TAL IRV

Client Sample ID: MW-13

Lab Sample ID: 440-841-12

Date Collected: 01/26/12 10:10
Matrix: Water
Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4293	01/30/12 15:58	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4294	01/30/12 15:58	SS	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1020 mL	1 mL	4771	02/02/12 08:41	JM	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4851	02/02/12 21:48	ES	TAL IRV

Client Sample ID: MW-14B

Lab Sample ID: 440-841-13

Date Collected: 01/26/12 10:20
Matrix: Water
Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4293	01/30/12 16:29	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4294	01/30/12 16:29	SS	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1055 mL	1 mL	4771	02/02/12 08:41	JM	TAL IRV
Silica Gel Cleanup	Analysis	8015B		2			5510	02/07/12 02:06	CP	TAL IRV

Client Sample ID: MW-13C

Lab Sample ID: 440-841-14

Date Collected: 01/26/12 14:00
Matrix: Water
Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4293	01/30/12 16:59	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4294	01/30/12 16:59	SS	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1055 mL	1 mL	4771	02/02/12 08:41	JM	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 8999 San Ramon Rd., Dublin, CA

TestAmerica Job ID: 440-841-1

Client Sample ID: MW-13C

Lab Sample ID: 440-841-14

Date Collected: 01/26/12 14:00
Matrix: Water
Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Silica Gel Cleanup	Analysis	8015B		1			4851	02/02/12 22:55	ES	TAL IRV

Client Sample ID: MW-14C

Lab Sample ID: 440-841-15

Date Collected: 01/26/12 09:55
Matrix: Water
Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4363	01/30/12 21:59	GK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4364	01/30/12 21:59	GK	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1055 mL	1 mL	4771	02/02/12 08:41	JM	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4851	02/03/12 03:24	ES	TAL IRV

Client Sample ID: MW-13B

Lab Sample ID: 440-841-16

Date Collected: 01/26/12 12:10
Matrix: Water
Date Received: 01/28/12 11:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	4363	01/30/12 23:24	GK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	4364	01/30/12 23:24	GK	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1055 mL	1 mL	4771	02/02/12 08:41	JM	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			4851	02/03/12 00:03	ES	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-4293/4
Matrix: Water
Analysis Batch: 4293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 08:50	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 08:50	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 08:50	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 08:50	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/30/12 08:50	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 08:50	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 08:50	1
Toluene	ND		0.50		ug/L			01/30/12 08:50	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 08:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/30/12 08:50*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*01/30/12 08:50*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*01/30/12 08:50*	*1*

Lab Sample ID: LCS 440-4293/5
Matrix: Water
Analysis Batch: 4293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	22.9		ug/L		92	70 - 120
Isopropyl Ether (DIPE)	25.0	23.6		ug/L		94	60 - 135
Ethyl-t-butyl ether (ETBE)	25.0	23.1		ug/L		92	65 - 135
Ethylbenzene	25.0	23.7		ug/L		95	75 - 125
m,p-Xylene	50.0	47.6		ug/L		95	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	23.2		ug/L		93	60 - 135
o-Xylene	25.0	23.8		ug/L		95	75 - 125
Tert-amyl-methyl ether (TAME)	25.0	24.4		ug/L		98	60 - 135
tert-Butyl alcohol (TBA)	125	125		ug/L		100	70 - 135
Toluene	25.0	24.0		ug/L		96	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 440-841-3 MS
Matrix: Water
Analysis Batch: 4293

Client Sample ID: MW-2RB
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	26.9		ug/L		108	65 - 125
Isopropyl Ether (DIPE)	ND		25.0	24.1		ug/L		96	60 - 140
Ethyl-t-butyl ether (ETBE)	ND		25.0	23.0		ug/L		92	60 - 135
Ethylbenzene	ND		25.0	28.1		ug/L		112	65 - 130
m,p-Xylene	ND		50.0	56.8		ug/L		114	65 - 130
Methyl-t-Butyl Ether (MTBE)	10		25.0	30.5		ug/L		80	55 - 145
o-Xylene	ND		25.0	27.6		ug/L		110	65 - 125
Tert-amyl-methyl ether (TAME)	ND		25.0	23.3		ug/L		93	60 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-841-3 MS
Matrix: Water
Analysis Batch: 4293

Client Sample ID: MW-2RB
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butyl alcohol (TBA)	ND		125	142		ug/L		114	65 - 140
Toluene	ND		25.0	27.6		ug/L		110	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*93*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 440-841-3 MSD
Matrix: Water
Analysis Batch: 4293

Client Sample ID: MW-2RB
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	26.8		ug/L		107	65 - 125	0	20
Isopropyl Ether (DIPE)	ND		25.0	26.6		ug/L		106	60 - 140	10	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	26.0		ug/L		104	60 - 135	12	25
Ethylbenzene	ND		25.0	28.0		ug/L		112	65 - 130	0	20
m,p-Xylene	ND		50.0	54.6		ug/L		109	65 - 130	4	25
Methyl-t-Butyl Ether (MTBE)	10		25.0	36.3		ug/L		104	55 - 145	17	25
o-Xylene	ND		25.0	26.8		ug/L		107	65 - 125	3	20
Tert-amyl-methyl ether (TAME)	ND		25.0	28.8		ug/L		115	60 - 140	21	30
tert-Butyl alcohol (TBA)	ND		125	141		ug/L		113	65 - 140	1	25
Toluene	ND		25.0	27.6		ug/L		110	70 - 125	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: MB 440-4363/4
Matrix: Water
Analysis Batch: 4363

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/30/12 20:33	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			01/30/12 20:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			01/30/12 20:33	1
Ethylbenzene	ND		0.50		ug/L			01/30/12 20:33	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			01/30/12 20:33	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			01/30/12 20:33	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			01/30/12 20:33	1
Toluene	ND		0.50		ug/L			01/30/12 20:33	1
Xylenes, Total	ND		1.0		ug/L			01/30/12 20:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/30/12 20:33*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*01/30/12 20:33*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/30/12 20:33*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-4363/5
Matrix: Water
Analysis Batch: 4363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	22.2		ug/L		89	70 - 120
Isopropyl Ether (DIPE)	25.0	23.6		ug/L		94	60 - 135
Ethyl-t-butyl ether (ETBE)	25.0	25.2		ug/L		101	65 - 135
Ethylbenzene	25.0	23.1		ug/L		92	75 - 125
m,p-Xylene	50.0	47.8		ug/L		96	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	23.1		ug/L		92	60 - 135
o-Xylene	25.0	24.0		ug/L		96	75 - 125
Tert-amyl-methyl ether (TAME)	25.0	27.0		ug/L		108	60 - 135
tert-Butyl alcohol (TBA)	125	138		ug/L		111	70 - 135
Toluene	25.0	22.4		ug/L		90	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 440-841-15 MS
Matrix: Water
Analysis Batch: 4363

Client Sample ID: MW-14C
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	21.9		ug/L		88	65 - 125
Isopropyl Ether (DIPE)	ND		25.0	22.9		ug/L		92	60 - 140
Ethyl-t-butyl ether (ETBE)	ND		25.0	23.1		ug/L		92	60 - 135
Ethylbenzene	ND		25.0	23.3		ug/L		93	65 - 130
m,p-Xylene	ND		50.0	47.9		ug/L		96	65 - 130
Methyl-t-Butyl Ether (MTBE)	3.2		25.0	24.7		ug/L		86	55 - 145
o-Xylene	ND		25.0	24.3		ug/L		97	65 - 125
Tert-amyl-methyl ether (TAME)	ND		25.0	24.9		ug/L		100	60 - 140
tert-Butyl alcohol (TBA)	ND		125	145		ug/L		116	65 - 140
Toluene	ND		25.0	22.5		ug/L		90	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-841-15 MSD
Matrix: Water
Analysis Batch: 4363

Client Sample ID: MW-14C
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	22.0		ug/L		88	65 - 125	0	20
Isopropyl Ether (DIPE)	ND		25.0	23.1		ug/L		92	60 - 140	1	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	23.6		ug/L		94	60 - 135	2	25
Ethylbenzene	ND		25.0	23.0		ug/L		92	65 - 130	1	20
m,p-Xylene	ND		50.0	47.0		ug/L		94	65 - 130	2	25
Methyl-t-Butyl Ether (MTBE)	3.2		25.0	25.7		ug/L		90	55 - 145	4	25
o-Xylene	ND		25.0	24.2		ug/L		97	65 - 125	0	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-841-15 MSD — **Client Sample ID: MW-14C**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 4363

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tert-amyl-methyl ether (TAME)	ND		25.0	25.4		ug/L		102	60 - 140	2	30
tert-Butyl alcohol (TBA)	ND		125	140		ug/L		112	65 - 140	4	25
Toluene	ND		25.0	22.6		ug/L		90	70 - 125	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: MB 440-4686/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 4686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			02/01/12 19:25	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			02/01/12 19:25	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			02/01/12 19:25	1
Ethylbenzene	ND		0.50		ug/L			02/01/12 19:25	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			02/01/12 19:25	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			02/01/12 19:25	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			02/01/12 19:25	1
Toluene	ND		0.50		ug/L			02/01/12 19:25	1
Xylenes, Total	ND		1.0		ug/L			02/01/12 19:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*02/01/12 19:25*	*1*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*02/01/12 19:25*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*02/01/12 19:25*	*1*

Lab Sample ID: LCS 440-4686/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 4686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	26.8		ug/L		107	70 - 120
Isopropyl Ether (DIPE)	25.0	28.0		ug/L		112	60 - 135
Ethyl-t-butyl ether (ETBE)	25.0	29.6		ug/L		118	65 - 135
Ethylbenzene	25.0	24.9		ug/L		100	75 - 125
m,p-Xylene	50.0	51.9		ug/L		104	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	24.8		ug/L		99	60 - 135
o-Xylene	25.0	25.8		ug/L		103	75 - 125
Tert-amyl-methyl ether (TAME)	25.0	32.0		ug/L		128	60 - 135
tert-Butyl alcohol (TBA)	125	119		ug/L		95	70 - 135
Toluene	25.0	25.2		ug/L		101	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*91*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-822-B-4 MS
Matrix: Water
Analysis Batch: 4686

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	26.2		ug/L		104	65 - 125
Isopropyl Ether (DIPE)	ND		25.0	28.8		ug/L		115	60 - 140
Ethyl-t-butyl ether (ETBE)	ND		25.0	32.2		ug/L		129	60 - 135
Ethylbenzene	0.50		25.0	24.7		ug/L		97	65 - 130
m,p-Xylene	ND		50.0	49.6		ug/L		99	65 - 130
Methyl-t-Butyl Ether (MTBE)	86		25.0	112		ug/L		106	55 - 145
o-Xylene	ND		25.0	24.7		ug/L		99	65 - 125
Tert-amyl-methyl ether (TAME)	ND		25.0	35.5	F	ug/L		142	60 - 140
tert-Butyl alcohol (TBA)	300		125	414		ug/L		90	65 - 140
Toluene	ND		25.0	25.2		ug/L		101	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-822-B-4 MSD
Matrix: Water
Analysis Batch: 4686

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	27.4		ug/L		108	65 - 125	4	20
Isopropyl Ether (DIPE)	ND		25.0	28.7		ug/L		115	60 - 140	0	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	30.3		ug/L		121	60 - 135	6	25
Ethylbenzene	0.50		25.0	25.2		ug/L		99	65 - 130	2	20
m,p-Xylene	ND		50.0	51.6		ug/L		103	65 - 130	4	25
Methyl-t-Butyl Ether (MTBE)	86		25.0	108		ug/L		88	55 - 145	4	25
o-Xylene	ND		25.0	25.7		ug/L		103	65 - 125	4	20
Tert-amyl-methyl ether (TAME)	ND		25.0	33.1		ug/L		132	60 - 140	7	30
tert-Butyl alcohol (TBA)	300		125	426		ug/L		100	65 - 140	3	25
Toluene	ND		25.0	25.7		ug/L		103	70 - 125	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 440-4294/4
Matrix: Water
Analysis Batch: 4294

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 08:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*01/30/12 08:50*	*1*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 440-4294/4
Matrix: Water
Analysis Batch: 4294

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120		01/30/12 08:50	1
Toluene-d8 (Surr)	104		80 - 120		01/30/12 08:50	1

Lab Sample ID: LCS 440-4294/21
Matrix: Water
Analysis Batch: 4294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	483		ug/L		97	55 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	105		80 - 120
Toluene-d8 (Surr)	105		80 - 120

Lab Sample ID: 440-841-3 MS
Matrix: Water
Analysis Batch: 4294

Client Sample ID: MW-2RB
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1520		ug/L		87	50 - 145

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	93		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Toluene-d8 (Surr)	104		80 - 120

Lab Sample ID: 440-841-3 MSD
Matrix: Water
Analysis Batch: 4294

Client Sample ID: MW-2RB
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1610		ug/L		91	50 - 145	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	104		80 - 120
Toluene-d8 (Surr)	104		80 - 120

Lab Sample ID: MB 440-4364/4
Matrix: Water
Analysis Batch: 4364

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			01/30/12 20:33	1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 440-4364/4
Matrix: Water
Analysis Batch: 4364

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*01/30/12 20:33*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*01/30/12 20:33*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*01/30/12 20:33*	*1*

Lab Sample ID: LCS 440-4364/6
Matrix: Water
Analysis Batch: 4364

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	507		ug/L		101	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 440-841-15 MS
Matrix: Water
Analysis Batch: 4364

Client Sample ID: MW-14C
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	ND		2230	1420		ug/L		64	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-841-15 MSD
Matrix: Water
Analysis Batch: 4364

Client Sample ID: MW-14C
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	ND		2230	1440		ug/L		65	50 - 145	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: MB 440-4687/4
Matrix: Water
Analysis Batch: 4687

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			02/01/12 19:25	1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 440-4687/4
Matrix: Water
Analysis Batch: 4687

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	87		80 - 120		02/01/12 19:25	1
4-Bromofluorobenzene (Surr)	94		80 - 120		02/01/12 19:25	1
Toluene-d8 (Surr)	106		80 - 120		02/01/12 19:25	1

Lab Sample ID: LCS 440-4687/6
Matrix: Water
Analysis Batch: 4687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	469		ug/L		94	55 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	90		80 - 120
4-Bromofluorobenzene (Surr)	98		80 - 120
Toluene-d8 (Surr)	106		80 - 120

Lab Sample ID: 440-822-B-4 MS
Matrix: Water
Analysis Batch: 4687

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	240		1730	1570		ug/L		77	50 - 145

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	96		80 - 120
Toluene-d8 (Surr)	106		80 - 120

Lab Sample ID: 440-822-B-4 MSD
Matrix: Water
Analysis Batch: 4687

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	240		1730	1570		ug/L		78	50 - 145	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	96		80 - 120
Toluene-d8 (Surr)	106		80 - 120

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

Lab Sample ID: MB 440-4771/1-A
Matrix: Water
Analysis Batch: 4851

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 4771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/02/12 08:41	02/02/12 19:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*87*		*45 - 120*	*02/02/12 08:41*	*02/02/12 19:47*	*1*

Lab Sample ID: LCS 440-4771/2-A
Matrix: Water
Analysis Batch: 4851

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 4771

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1000	674		ug/L		67	40 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*81*		*45 - 120*

Lab Sample ID: LCSD 440-4771/3-A
Matrix: Water
Analysis Batch: 4851

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 4771

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1000	678		ug/L		68	40 - 115	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane	*81*		*45 - 120*

GC/MS VOA

Analysis Batch: 4293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-841-2	MW-2R	Total/NA	Water	8260B	
440-841-3	MW-2RB	Total/NA	Water	8260B	
440-841-3 MS	MW-2RB	Total/NA	Water	8260B	
440-841-3 MSD	MW-2RB	Total/NA	Water	8260B	
440-841-4	MW-2RC	Total/NA	Water	8260B	
440-841-5	MW-3R	Total/NA	Water	8260B	
440-841-6	MW-5B	Total/NA	Water	8260B	
440-841-7	MW-5C	Total/NA	Water	8260B	
440-841-9	MW-8B	Total/NA	Water	8260B	
440-841-10	MW-11B	Total/NA	Water	8260B	
440-841-11	MW-12	Total/NA	Water	8260B	
440-841-12	MW-13	Total/NA	Water	8260B	
440-841-13	MW-14B	Total/NA	Water	8260B	
440-841-14	MW-13C	Total/NA	Water	8260B	
LCS 440-4293/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-4293/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 4294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-841-2	MW-2R	Total/NA	Water	8260B/CA_LUFT MS	
440-841-3	MW-2RB	Total/NA	Water	8260B/CA_LUFT MS	
440-841-3 MS	MW-2RB	Total/NA	Water	8260B/CA_LUFT MS	
440-841-3 MSD	MW-2RB	Total/NA	Water	8260B/CA_LUFT MS	
440-841-4	MW-2RC	Total/NA	Water	8260B/CA_LUFT MS	
440-841-5	MW-3R	Total/NA	Water	8260B/CA_LUFT MS	
440-841-6	MW-5B	Total/NA	Water	8260B/CA_LUFT MS	
440-841-7	MW-5C	Total/NA	Water	8260B/CA_LUFT MS	
440-841-9	MW-8B	Total/NA	Water	8260B/CA_LUFT MS	
440-841-10	MW-11B	Total/NA	Water	8260B/CA_LUFT MS	
440-841-11	MW-12	Total/NA	Water	8260B/CA_LUFT MS	
440-841-12	MW-13	Total/NA	Water	8260B/CA_LUFT MS	
440-841-13	MW-14B	Total/NA	Water	8260B/CA_LUFT MS	
440-841-14	MW-13C	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-4294/21	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-4294/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 4363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-841-15	MW-14C	Total/NA	Water	8260B	
440-841-15 MS	MW-14C	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 4363 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-841-15 MSD	MW-14C	Total/NA	Water	8260B	
440-841-16	MW-13B	Total/NA	Water	8260B	
LCS 440-4363/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-4363/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 4364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-841-15	MW-14C	Total/NA	Water	8260B/CA_LUFT MS	
440-841-15 MS	MW-14C	Total/NA	Water	8260B/CA_LUFT MS	
440-841-15 MSD	MW-14C	Total/NA	Water	8260B/CA_LUFT MS	
440-841-16	MW-13B	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-4364/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-4364/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 4686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-822-B-4 MS	Matrix Spike	Total/NA	Water	8260B	
440-822-B-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-841-1	MW-1R	Total/NA	Water	8260B	
440-841-8	MW-8	Total/NA	Water	8260B	
LCS 440-4686/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-4686/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 4687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-822-B-4 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-822-B-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-841-1	MW-1R	Total/NA	Water	8260B/CA_LUFT MS	
440-841-8	MW-8	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-4687/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-4687/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Prep Batch: 4311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-841-1	MW-1R	Silica Gel Cleanup	Water	3510C SGC	
440-841-2	MW-2R	Silica Gel Cleanup	Water	3510C SGC	
440-841-3	MW-2RB	Silica Gel Cleanup	Water	3510C SGC	
440-841-4	MW-2RC	Silica Gel Cleanup	Water	3510C SGC	
440-841-5	MW-3R	Silica Gel Cleanup	Water	3510C SGC	
440-841-6	MW-5B	Silica Gel Cleanup	Water	3510C SGC	

GC Semi VOA (Continued)

Analysis Batch: 4383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-841-1	MW-1R	Silica Gel Cleanup	Water	8015B	4311
440-841-2	MW-2R	Silica Gel Cleanup	Water	8015B	4311
440-841-3	MW-2RB	Silica Gel Cleanup	Water	8015B	4311
440-841-4	MW-2RC	Silica Gel Cleanup	Water	8015B	4311
440-841-5	MW-3R	Silica Gel Cleanup	Water	8015B	4311
440-841-6	MW-5B	Silica Gel Cleanup	Water	8015B	4311

Prep Batch: 4771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-841-7	MW-5C	Silica Gel Cleanup	Water	3510C SGC	
440-841-8	MW-8	Silica Gel Cleanup	Water	3510C SGC	
440-841-9	MW-8B	Silica Gel Cleanup	Water	3510C SGC	
440-841-10	MW-11B	Silica Gel Cleanup	Water	3510C SGC	
440-841-11	MW-12	Silica Gel Cleanup	Water	3510C SGC	
440-841-12	MW-13	Silica Gel Cleanup	Water	3510C SGC	
440-841-13	MW-14B	Silica Gel Cleanup	Water	3510C SGC	
440-841-14	MW-13C	Silica Gel Cleanup	Water	3510C SGC	
440-841-15	MW-14C	Silica Gel Cleanup	Water	3510C SGC	
440-841-16	MW-13B	Silica Gel Cleanup	Water	3510C SGC	
LCS 440-4771/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 440-4771/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 440-4771/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 4851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-841-7	MW-5C	Silica Gel Cleanup	Water	8015B	4771
440-841-8	MW-8	Silica Gel Cleanup	Water	8015B	4771
440-841-9	MW-8B	Silica Gel Cleanup	Water	8015B	4771
440-841-10	MW-11B	Silica Gel Cleanup	Water	8015B	4771
440-841-11	MW-12	Silica Gel Cleanup	Water	8015B	4771
440-841-12	MW-13	Silica Gel Cleanup	Water	8015B	4771
440-841-14	MW-13C	Silica Gel Cleanup	Water	8015B	4771
440-841-15	MW-14C	Silica Gel Cleanup	Water	8015B	4771
440-841-16	MW-13B	Silica Gel Cleanup	Water	8015B	4771
LCS 440-4771/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	4771
LCSD 440-4771/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	4771
MB 440-4771/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	4771

Analysis Batch: 5510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-841-13	MW-14B	Silica Gel Cleanup	Water	8015B	4771

Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 8999 San Ramon Rd., Dublin, CA

TestAmerica Job ID: 440-841-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 8999 San Ramon Rd., Dublin, CA

TestAmerica Job ID: 440-841-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Irvine	Arizona	State Program	9	AZ0671
TestAmerica Irvine	California	State Program	9	2706
TestAmerica Irvine	Nevada	State Program	9	CA015312007A
TestAmerica Irvine	Oregon	NELAC	10	4005
TestAmerica Irvine	USDA	USDA		P330-09-00080

Accreditation may not be offered or required for all methods and analytes reported in this package . Please contact your project manager for the laboratory's current list of certified methods and analytes.

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: 240724 Peter Schaefer
PO #:
INCIDENT # (ENV SERVICES): 9 7 5 6 5 9 9 5
SAP #: 1 3 5 2 4 4
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 1-26-12
PAGE: 1 of 2

SAMPLING COMPANY: Blaine Tech Services
LOG CODE: BTSS
SITE ADDRESS: Street and City: 8999 San Ramon Road, Dublin
State: CA
GLOBAL ID NO.: T0600159797
ADDRESS: 1680 Rogers Avenue, San Jose, CA
EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville, CA
PHONE NO.: 510-420-3343
E-MAIL: ShellEDF@CRAWorld.com; Shell-US-LabDataManagement@CRAworld.com
CONSULTANT PROJECT NO.: 240724-95-11.05
PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King
TELEPHONE: (310) 885-4455 x 108
FAX: (310) 637-5802
E-MAIL: lking@blainetech.com
SAMPLER NAME(S) (Print): B. Pamell C. Kilpatrick
LAB USE ONLY: FVA 440-8491

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 4-file EDD" to the CRA Website (http://cralabeddupload.craworld.com/equis/default.aspx) and/or send it to the Shell-US-LabDataManagement@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-LabDataManagement@CRAworld.com email folder.

Run TPH-d with silica gel clean up

Copy final report to Shell.Lab.Billing@craworld.com, ShellEDF@craworld.com, Shell-US-LabDataManagement@CRAworld.com, and pschaefer@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)

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	PRESERVATIVE: HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	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)	Container PID Readings or Laboratory Notes
	WG -	120126-BP1	01 26 12	CK	MW-1R	1450	WG	X			X		5	X	X				X							
	WG -	120126-BP1	01 26 12	BP	MW-2R	1430	WG	X			X		5	X	X				X							
	WG -	120126-BP1	01 26 12	BP	MW-2RB	1305	WG	X			X		5	X	X				X							
	WG -	120126-BP1	01 26 12	BP	MW-2RC	1530	WG	X			X		5	X	X				X							
	WG -	120126-BP1	01 26 12	BP	MW-3R	0950	WG	X			X		5	X	X				X							
	WG -	120126-BP1	01 26 12	CK	MW-5		WG	X			X		5	X	X				X							
	WG -	120126-BP1	01 26 12	CK	MW-5B	1410	WG	X			X		5	X	X				X							
	WG -	120126-BP1	01 26 12	CK	MW-5C	1430	WG	X			X		5	X	X				X							
	WG -	120126-BP1	01 26 12	CK	MW-8	0920	WG	X			X		5	X	X				X							
	WG -	120126-BP1	01 26 12	CK	MW-8B	0940	WG	X			X		5	X	X				X							

TEMPERATURE ON REC: 4.4

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	(sample custodian)	1-26-12	1635
	(TAT 5)	1/27/12	0950
TAT 5		1/27/12	1145

Gerald Naylor 1-27-12 17:50

1/28/12 1145

Page 34 of 36

2/14/2012

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: 240724 Peter Schaefer

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

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 1-26-12

PAGE: 1 of 2

PO #:

SAP #: 1 3 5 2 4 4

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

SITE ADDRESS: Street and City: 8999 San Ramon Road, Dublin

State: CA

GLOBAL ID NO.: T0600159797

ADDRESS: 1680 Rogers Avenue, San Jose, CA

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

PHONE NO.: 510-420-3343

E-MAIL: ShellEDF@CRAWorld.com; Shell-US-LabDataManagement@CRAworld.com

CONSULTANT PROJECT NO.: 240724-95-11.05

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

TELEPHONE: (310) 885-4455 x 108

FAX: (310) 637-5802

E-MAIL: lking@blainetech.com

SAMPLER NAME(S) (Print): B. Pavell C. Kilpatrick

LAB USE ONLY: 440-841

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:
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Copy final report to Shell.Lab.Billing@craworld.com, ShellEDF@craworld.com, Shell-US-LabDataManagement@CRAworld.com, and pschaefer@CRAWorld.com

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

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

Run TPH-d with silica gel cleanup

Matrix Codes - WG (groundwater), WS (surface water), WP (drinking water source), W (Trip or Temp Blank)

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	PRESERVATIVE: HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	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)	Container PID Readings or Laboratory Notes
	WG - 120126-BP1	120126-BP1	01/26/12	BP	MW-11B	1045	WG	X			X		5	X	X				X							
	WG - 120126-BP1	120126-BP1	012612	BP	MW-12	1120	WG	X			X		5	X	X				X							
	WG - 120126-BP1	120126-BP1	012612	CK	MW-13	1010	WG	X			X		5	X	X				X							
	WG - 120126-BP1	120126-BP1	01/26/12	BP	MW-11B	1020	WG	X			X		5	X	X				X							
	WG - 120126-BP1	120126-BP1	01/26/12	CK	MW-13C	1400	WG	X			X		5	X	X				X							
	WG - 120126-BP1	120126-BP1	01/26/12	BP	MW14C	0955	WG	X			X		5	X	X				X							
	WG - 120126-BP1	120126-BP1	01/26/12	BP	MW-13B	1210	WG	X			X		5	X	X				X							

TEMPERATURE ON RECEIPT

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
B Pavell	B Pavell (sample custodian)	1-26-12	1635
[signature]	[signature] (TASE)	1/27/12	0950
[signature] TASE	[signature]	1/27/12	1145

[signature] 1-27-12 17:00

[signature] 1/28/12 1145

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-841-1

Login Number: 841
List Number: 1
Creator: Nguyen, Tuan

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	