CONESTOGA-ROVERS & ASSOCIATES

5900 Hollis Street, Suite A
Emeryville, California 94608
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www.CRAworld.com

TRANSMITTAL

DATE: November 27, 2012

REFERENCE NO.: 240724

PROJECT NAME: 8999 San Ramon Road, Dublin

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

RECEIVED
5:55 pm, Nov 29, 2012
Alameda County
Environmental Health

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- ☐ Prints
- ☒ Final
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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – Third 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)
Colleen Winey, Zone 7 Water Agency (electronic copy)
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 - THIRD 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

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NOVEMBER 27, 2012
REF. NO. 240724 (10)
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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 modified monitoring program for this site outlined in CRA's August 28, 2012 *Groundwater Monitoring Report – Second Quarter 2012.*

CRA prepared a vicinity map (Figure 1), shallow-zone, intermediate-zone, and deeper-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	Easterly to southeasterly
Intermediate-Zone Groundwater Flow Direction	Easterly to southerly
Deeper-Zone Groundwater Flow Direction	Variable
Shallow-Zone Hydraulic Gradient	0.05
Intermediate-Zone Hydraulic Gradient	0.07
Deeper-Zone Hydraulic Gradient	Variable
Depth to Water	25.50 to 36.81 feet below top of well casing

2.3 PROPOSED ACTIVITIES

Blaine will gauge and sample wells according to the modified monitoring program for this site. This site will be monitored semiannually during the first and third quarters, and CRA will issue groundwater monitoring reports semiannually 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

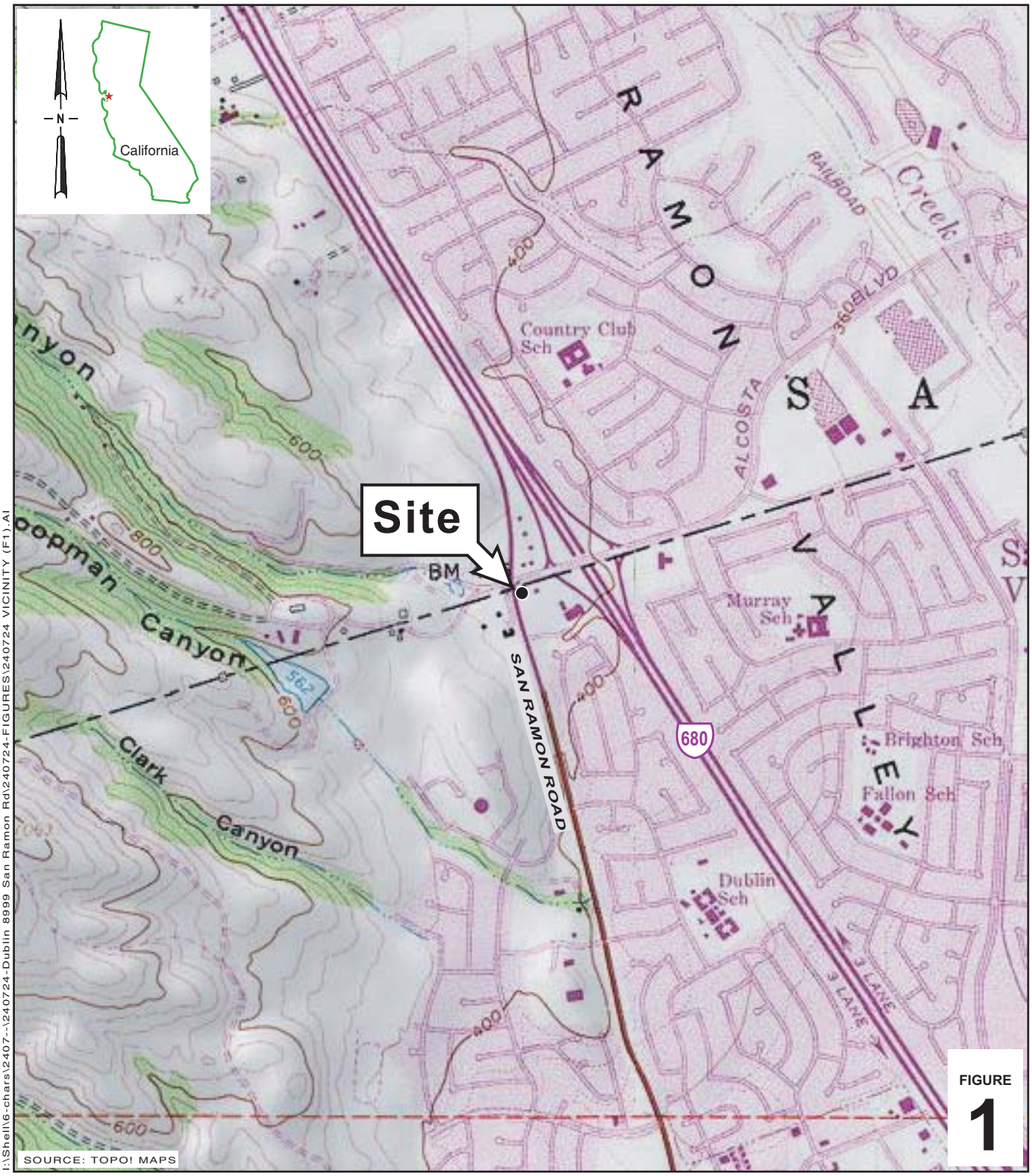


FIGURE
1

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

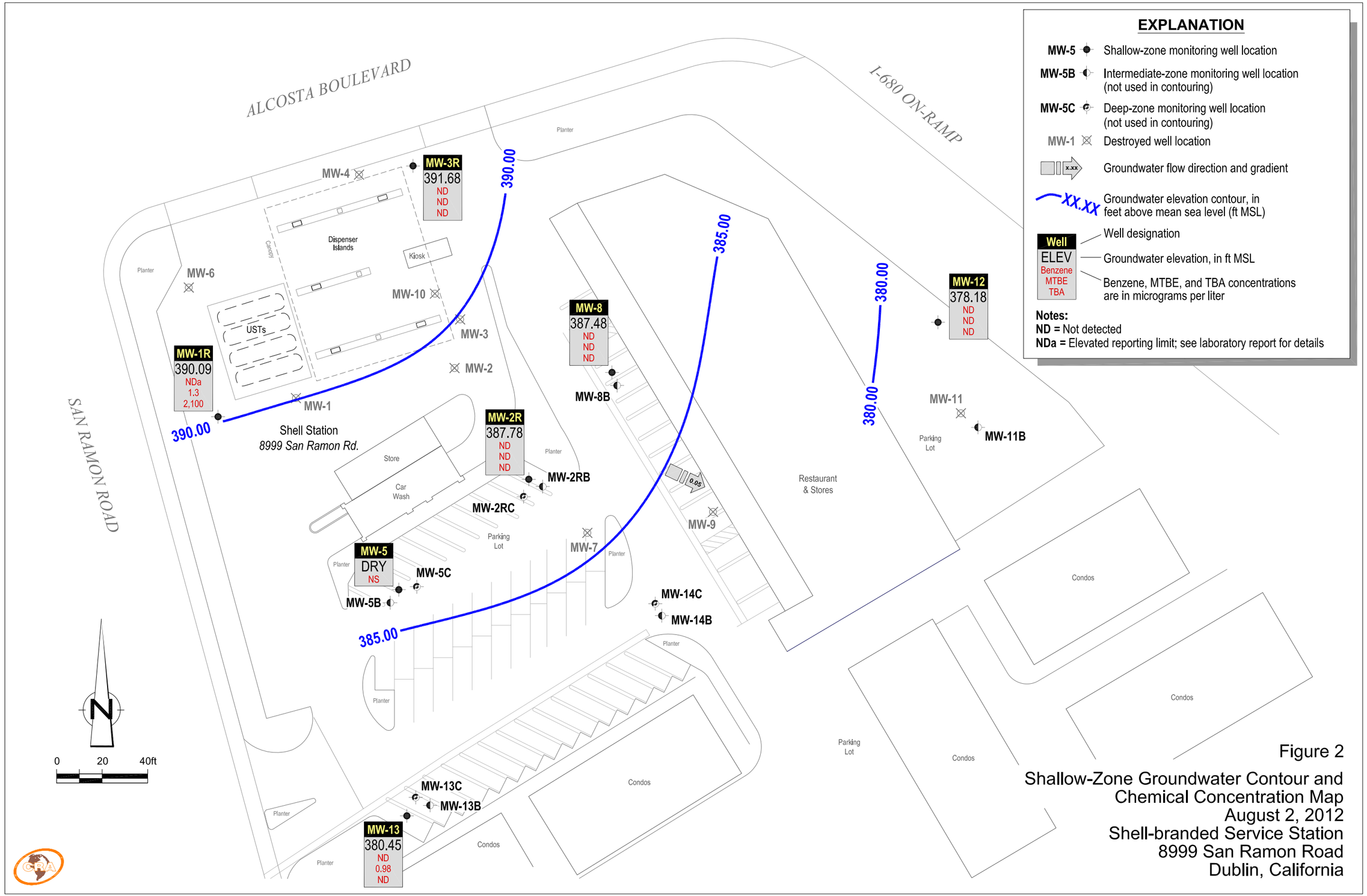
Shell-branded Service Station

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

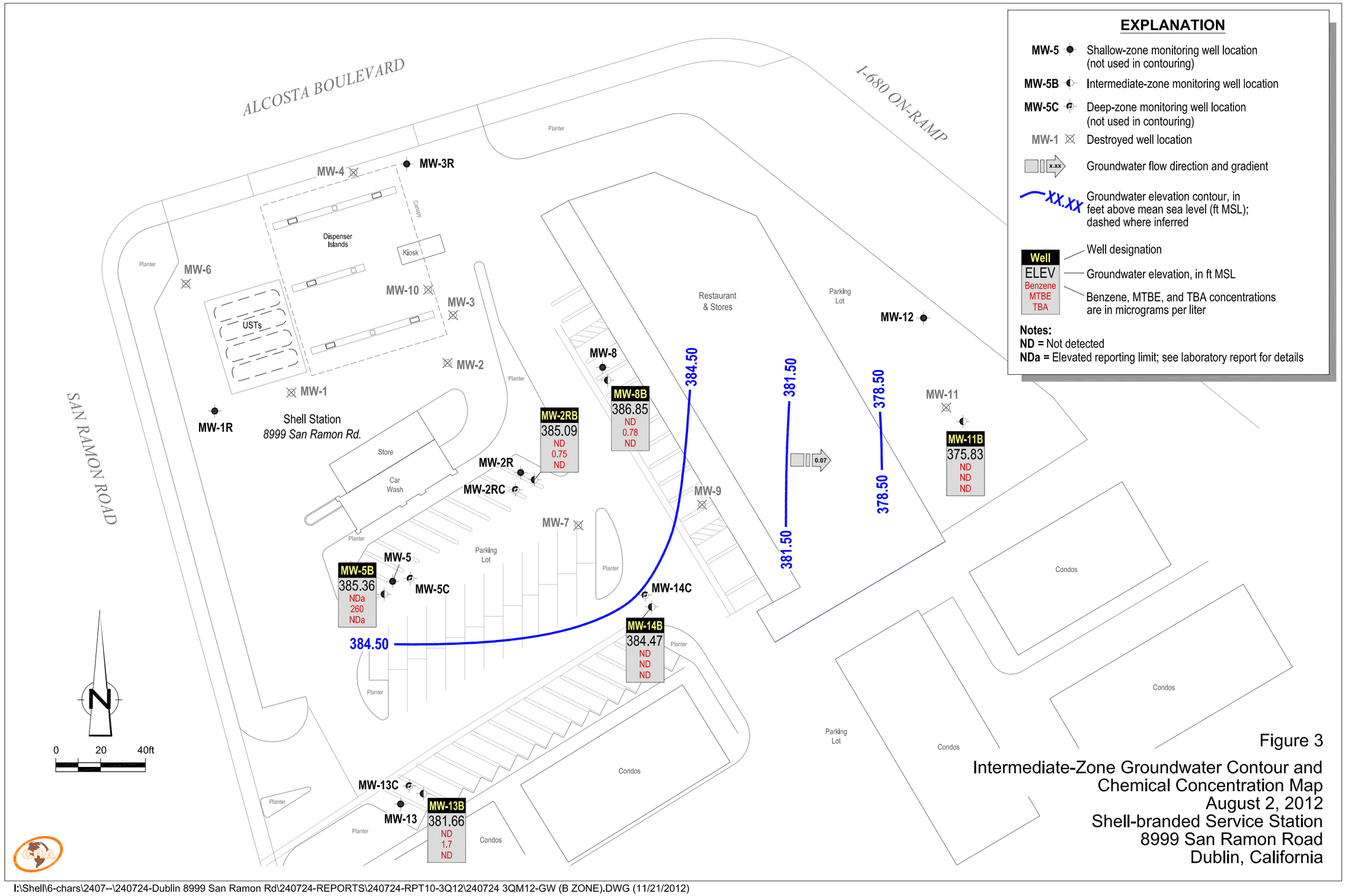
- Well designation
- Groundwater elevation, in ft MSL
- Benzene, MTBE, and TBA concentrations are in micrograms per liter

Notes:
ND = Not detected
NDa = Elevated reporting limit; see laboratory report for details

Figure 2

Shallow-Zone Groundwater Contour and Chemical Concentration Map
August 2, 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-RPT10-3Q12\240724 3QM12-GW (A ZONE).DWG (11/21/2012)



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
NDa = Elevated reporting limit; see laboratory report for details

Figure 3

Intermediate-Zone Groundwater Contour and Chemical Concentration Map
August 2, 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-RPT10-3Q12\240724 3QM12-GW (B ZONE).DWG (11/21/2012)

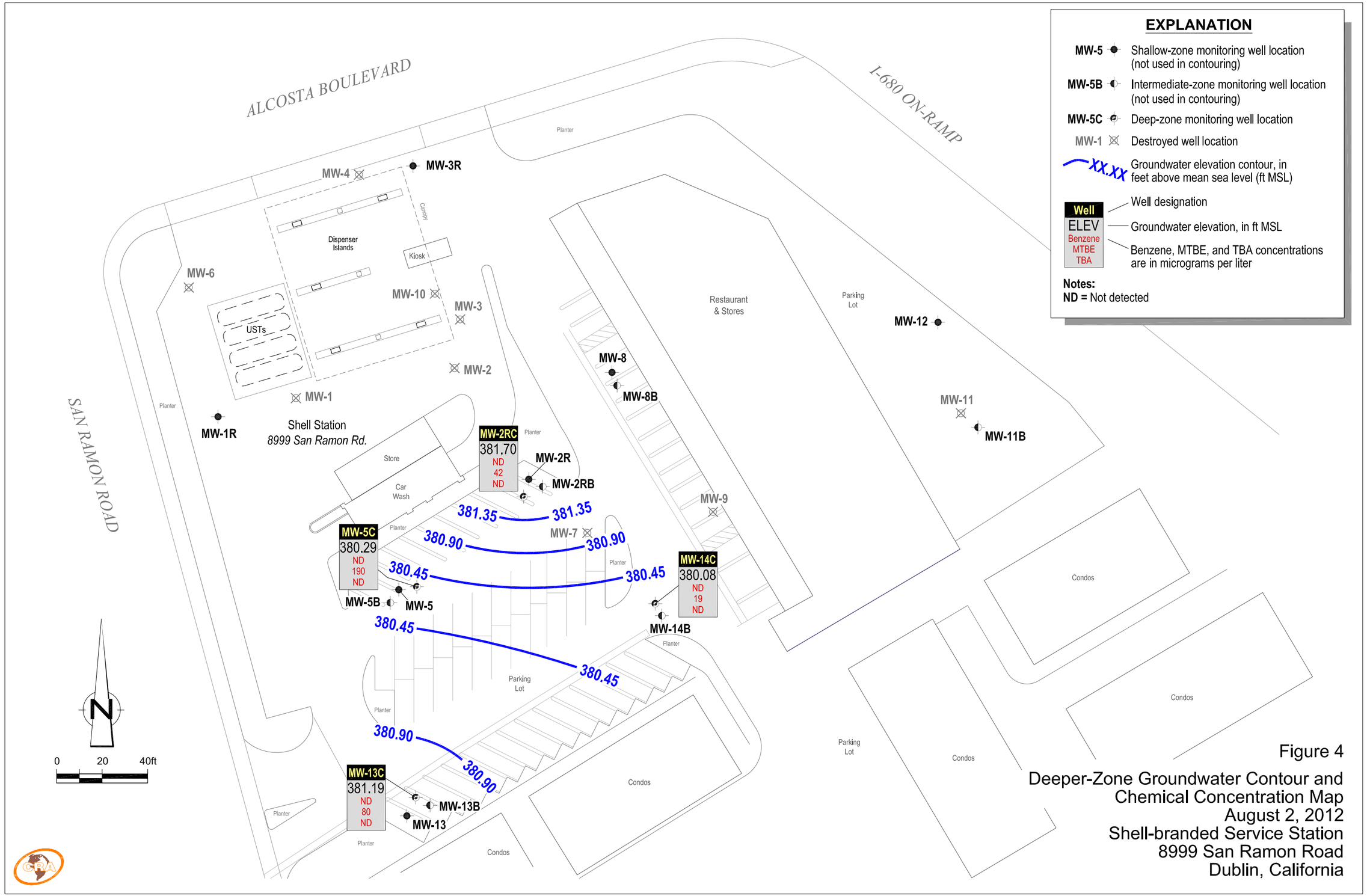


Figure 4

Deeper-Zone Groundwater Contour and Chemical Concentration Map
August 2, 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-RPT10-3Q12\240724 3QM12-GW (C ZONE).DWG (11/08/2012)

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-1R	05/11/2012	140	<50	<0.50	<0.50	<0.50	<1.0	0.87	610	<0.50	<0.50	<0.50	421.41	25.71	395.70
MW-1R	**08/02/2012**	**<48**	**<130**	**<1.3**	**<1.3**	**<1.3**	**<2.5**	**1.3**	**2,100**	**<1.3**	**<1.3**	**<1.3**	**421.41**	**31.32**	**390.09**
MW-2	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	20.72	---

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	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
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-2R	05/11/2012	64	1,200	<0.50	<0.50	<0.50	<1.0	1.1	310	<0.50	<0.50	<0.50	415.82	25.05	390.77
MW-2R	**08/02/2012**	**90 e**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**415.82**	**28.04**	**387.78**
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-2RB	05/11/2012	<48	490	<0.50	<0.50	<0.50	<1.0	1.1	<10	<0.50	<0.50	<0.50	415.66	26.83	388.83
MW-2RB	**08/02/2012**	**250 e**	**350 i**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**0.75**	**<10**	**<0.50**	**<0.50**	**<0.50**	**415.66**	**30.57**	**385.09**

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	05/11/2011	---	---	---	---	---	---	---	---	---	---	---	415.97	27.01	388.96
MW-2RC	05/13/2011	---	---	---	---	---	---	---	---	---	---	---	415.97	29.95	386.02
MW-2RC	05/23/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	31	14	<1.0	<1.0	<1.0	415.97	27.01	388.96
MW-2RC	07/26/2011	<49	69	<0.50	<0.50	<0.50	<1.0	32	<10	<1.0	<1.0	<1.0	415.97	28.22	387.75
MW-2RC	11/03/2011	---	---	---	---	---	---	---	---	---	---	---	415.97	35.65	380.32
MW-2RC	11/04/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	46	<10	<1.0	<1.0	<1.0	415.97	---	---
MW-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-2RC	05/11/2012	<47	<50	<0.50	<0.50	<0.50	<1.0	20	<10	<0.50	<0.50	<0.50	415.97	32.71	383.26
MW-2RC	**08/02/2012**	**95 e**	**54**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**42**	**<10**	**<0.50**	**<0.50**	**<0.50**	**415.97**	**34.27**	**381.70**
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	---

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-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
MW-3R	05/11/2012	55	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	417.18	22.25	394.93
MW-3R	**08/02/2012**	**60 e**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**417.18**	**25.50**	**391.68**
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

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	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	11/30/2007	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	28.39	388.49
MW-5	02/15/2008	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	27.55	389.33
MW-5	05/27/2008	83	<50	<0.50	<1.0	<1.0	<1.0	4.3	<10	<2.0	<2.0	<2.0	416.88	26.68	390.20
MW-5	08/05/2008	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	11/17/2008	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	28.48	388.40
MW-5	02/05/2009	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	05/07/2009	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	27.78	389.10
MW-5	08/20/2009	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	11/10/2009	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	02/15/2010	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	416.88	26.18	390.70
MW-5	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	1.5	<10	<2.0	<2.0	<2.0	416.88	23.64	393.24
MW-5	08/09/2010	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	28.41	388.47
MW-5	11/08/2010	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	01/25/2011	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	05/23/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	1.3	<10	<1.0	<1.0	<1.0	416.88	21.31	395.57
MW-5	07/26/2011	<50	<50	<0.50	<0.50	<0.50	<1.0	1.4	<10	<1.0	<1.0	<1.0	416.88	22.87	394.01
MW-5	11/03/2011	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	01/26/2012	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	28.23	388.65
MW-5	05/11/2012	65	<50	<0.50	<0.50	<0.50	<1.0	0.56	<10	<0.50	<0.50	<0.50	416.88	25.93	390.95
MW-5	**08/02/2012**	**Well dry**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**416.88**	**---**	**---**
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

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	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	---	---
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-5B	05/11/2012	81	<50	<0.50	<0.50	<0.50	<1.0	34	<10	<0.50	<0.50	<0.50	417.66	27.19	390.47
MW-5B	**08/02/2012**	**<48**	**290 j**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**260**	**<20**	**<1.0**	**<1.0**	**<1.0**	**417.66**	**32.30**	**385.36**
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

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-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-5C	05/11/2012	<48	120	<0.50	<0.50	<0.50	<1.0	180	<10	<0.50	<0.50	<0.50	417.10	32.45	384.65
MW-5C	**08/02/2012**	**<48**	**180 j**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**190**	**<10**	**<0.50**	**<0.50**	**<0.50**	**417.10**	**36.81**	**380.29**
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
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

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

Well ID	*Date*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*
MW-7	08/05/2008	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	11/17/2008	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	02/05/2009	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	05/07/2009	Insufficient water		---	---	---	---	---	---	---	---	---	414.35	27.96	386.39
MW-7	08/20/2009	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	11/10/2009	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	02/15/2010	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	414.35	27.55	386.80
MW-7	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	414.35	25.02	389.33
MW-7	08/09/2010	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	11/08/2010	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	01/25/2011	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	02/16/2011	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---
MW-8	08/21/2006	---	---	---	---	---	---	---	---	---	---	---	414.54	23.02	391.52
MW-8	08/24/2006	74.5	110	<0.500	<0.500	<0.500	<0.500	4.62	6,610	<0.500	<0.500	<0.500	414.54	23.17	391.37
MW-8	11/02/2006	96	92	<0.50	<0.50	<0.50	<1.0	1.4	2,300	<2.0	<2.0	<2.0	414.54	27.69	386.85
MW-8	01/29/2007	<50	<50	<0.50	<0.50	<0.50	<1.0	0.51	350	<2.0	<2.0	<2.0	414.54	26.40	388.14
MW-8	06/05/2007	120	<50 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

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	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-8	05/11/2012	170	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	414.54	23.40	391.14
MW-8	**08/02/2012**	**250 e**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**414.54**	**27.06**	**387.48**
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
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

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	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-8B	05/11/2012	<48	<50	<0.50	<0.50	<0.50	<1.0	0.79	<10	<0.50	<0.50	<0.50	414.81	25.10	389.71
MW-8B	**08/02/2012**	**66 e**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**0.78**	**<10**	**<0.50**	**<0.50**	**<0.50**	**414.81**	**27.96**	**386.85**
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	---	---
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

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-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	---	---
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		---	---	---	---	---	---	---	---	---	---	---	---

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-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
MW-11B	05/11/2012	77	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	409.03	30.70	378.33
MW-11B	**08/02/2012**	**<48**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**409.03**	**33.20**	**375.83**
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

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	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-12	05/11/2012	<47	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	411.18	30.35	380.83
MW-12	**08/02/2012**	**<48**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**411.18**	**33.00**	**378.18**
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-13	05/11/2012	<47	<50	<0.50	<0.50	<0.50	<1.0	0.76	<10	<0.50	<0.50	<0.50	415.77	30.22	385.55
MW-13	**08/02/2012**	**57 e**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**0.98**	**<10**	**<0.50**	**<0.50**	**<0.50**	**415.77**	**35.32**	**380.45**
MW-13B	05/13/2011	---	---	---	---	---	---	---	---	---	---	---	415.39	23.40	391.99
MW-13B	05/23/2011	210	<50	<0.50	<0.50	<0.50	<1.0	17	<10	<1.0	<1.0	<1.0	415.39	23.04	392.35
MW-13B	07/26/2011	230	<50	<0.50	<0.50	<0.50	<1.0	42	<10	<1.0	<1.0	<1.0	415.39	25.01	390.38
MW-13B	11/03/2011	80	<50	<0.50	<0.50	<0.50	<1.0	2.0	<10	<1.0	<1.0	<1.0	415.39	31.49	383.90
MW-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-13B	05/11/2012	320	<50	<0.50	<0.50	<0.50	<1.0	24	<10	<0.50	<0.50	<0.50	415.39	31.83	383.56
MW-13B	**08/02/2012**	**1,200**	**140**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**1.7**	**<10**	**<0.50**	**<0.50**	**<0.50**	**415.39**	**33.73**	**381.66**

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-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-13C	05/11/2012	1,000	140	<0.50	<0.50	<0.50	<1.0	160	<10	<0.50	<0.50	<0.50	415.73	35.62	380.11
MW-13C	**08/02/2012**	**450 e**	**100 j**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**80**	**<10**	**<0.50**	**<0.50**	**<0.50**	**415.73**	**34.54**	**381.19**
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-14B	05/11/2012	63	<50	<0.50	<0.50	<0.50	<1.0	1.1	<10	<0.50	<0.50	<0.50	413.33	26.00	387.33
MW-14B	**08/02/2012**	**650 e**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**413.33**	**28.86**	**384.47**
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
MW-14C	05/11/2012	85	<50	<0.50	<0.50	<0.50	<1.0	12	<10	<0.50	<0.50	<0.50	413.10	31.94	381.16
MW-14C	**08/02/2012**	**890 e**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**19**	**<10**	**<0.50**	**<0.50**	**<0.50**	**413.10**	**33.02**	**380.08**

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

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)*

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
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
i = Concentration reported is due to the presence of discrete peaks tentatively identified as 2,2,4-trimethyl pentane and 2,3,4-trimethyl pentane.
j = Concentration reported is due to the presence of discrete peak of MTBE.

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 # 120302-MW1 Date 7/2/12 Client SHELL

Site 8999 SAN RAMON RD, DUBLIN, CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1R	0847	4					31.32	39.78		
MW-2R	0837	2					~~28.04~~ 30.57	~~45.14~~ 68.20		
MW-2RB	0835	2					30.57	68.20		
MW-2RC	0836	2					34.27	106.09		
MW-3R	0840	4					25.50	34.82		
MW-5	0830	4					DRY	28.50		
MW-5B	0835	4					32.30	66.65		
MW-5C	0850	4					36.81	98.40		
MW-8	0840	4					27.06	28.80		
MW-8B	0825	4					27.96	68.54		
MW-11B	0815	4					33.20	38.30		
MW-12	0820	4					33.00	38.80		
MW-13	0812	2					35.32	44.76		
MW-13B	0818	2					33.73	68.29		
MW-13C	0817	2					34.54	95.32		
MW-14B	0825	2					28.86	67.73		
MW-14C	0826	2					33.02	100.21	↓	

SHELL WELL MONITORING DATA SHEET

BTS #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: WW1 (EB)	Date: 8/2/12
Well I.D.: MW-1R	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 39.78	Depth to Water (DTW): 31.32
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]: 33.01	

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: ___

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
1040	71.5	6.65	846	210	5.5	
	DEWATERED @ 8.0 GALLONS			—	8.0	
1345	71.9	6.83	853	246	—	

Did well dewater? (Yes) No Gallons actually evacuated: 8.0

Sampling Date: 8/2/12 Sampling Time: 1345 Depth to Water: 31.34

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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: (GW) / CK	Date: 8/2/12
Well I.D.: MW-2R	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 45.14	Depth to Water (DTW): 28.04
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]: 31.46	

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: ____

2.7 (Gals.) X	3	=	8.1 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1135	70.2	6.90	791	469	2.7	
1141	70.9	6.88	790	523	5.4	
1147	70.9	6.87	788	547	8.1	

Did well dewater? Yes (No) Gallons actually evacuated: 8.1

Sampling Date: 8/2/12 Sampling Time: 1200 Depth to Water: 30.87

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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: (KW) / CK	Date: 8/2/12
Well I.D.: MW-2RB	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 68.20	Depth to Water (DTW): 30.57
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 38.10	

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: ____

6.0 (Gals.) X	3	=	18.0 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1300	73.0	7.72	801	>1000	6.0	
1305	72.4	6.86	817	>1000	12	
1311	71.9	7.06	814	>1000	18	

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

Sampling Date: 8/2/12 Sampling Time: 1320 Depth to Water: 33.44

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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: KW/CK	Date: 8/2/12
Well I.D.: MW-2RC	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 106.09	Depth to Water (DTW): 34.27
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]: 48.63	

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: ____

11.5 (Gals.) X	3	= 34.5 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 ~~uS~~)	Turbidity (NTUs)	Gals. Removed	Observations
1343	75.5	7.74	1181	355	11.5	
WELL	DEWATERED @ 16.5 GALS					
1545	75.2	7.98	1150	582	—	

Did well dewater? (Yes) No Gallons actually evacuated: 16.5

Sampling Date: 8/2/12 Sampling Time: 1545 Depth to Water: 83.45 (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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: WW1 (CK)	Date: 8/2/12
Well I.D.: MW-3R	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.82	Depth to Water (DTW): 25.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 27.36	

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: ___

6.1 (Gals.) X	3	=	18.3 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
0903	69.6	6.07	714	85	6.1	
	DEWATERED @ 9.0 gallons				9.0	
1215	70.6	6.99	625	99	—	

Did well dewater? (Yes) No Gallons actually evacuated: 9.0

Sampling Date: 8/2/12 Sampling Time: 1215 Depth to Water: 25.53

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: WW / CK	Date: 8/2/12
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.50	Depth to Water (DTW): DRY
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

____ (Gals.) X 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
*	WELL	DRY				
*	NO	SAMPLE	TAKEN			

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 8/2/12 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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: WW1 (CK)	Date: 8/2/12
Well I.D.: MW-5B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 66.65	Depth to Water (DTW): 32.30
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]: 39.17	

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:_____

22.3 (Gals.) X	3	=	66.9 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
1004	70.2	6.80	1029	61	22.5	
1009	70.2	6.79	1039	125	45.0	
1014	70.1	6.79	1051	396	67.5	

Did well dewater? Yes (No) Gallons actually evacuated: 67.5

Sampling Date: 8/2/12 Sampling Time: 1315 Depth to Water: 33.51

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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: WW1 (CK)	Date: 8/2/12
Well I.D.: MW-5C	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 98.40	Depth to Water (DTW): 36.81
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 49.13	

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: ___

1 Case Volume		Specified Volumes		Calculated Volume
40.0	(Gals.) X	3	=	120.0 Gals.

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1100	70.6	7.00	1199	579	40.0	
1108	70.6	6.97	1222	71000	80.0	
	DEWATERED	@ 81.0	gallons	—	81.0	
1400	70.2	7.02	1213	218	—	

Did well dewater? (Yes) No Gallons actually evacuated: 81.0

Sampling Date: 8/2/12 Sampling Time: ~~1345~~ 1400 Depth to Water: 39.92

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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: WW1 (CK)	Date: 8/2/12
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.80	Depth to Water (DTW): 27.06
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 27.41	

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: _____

1.1 (Gals.)	X 3	= 3.3 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
1026	70.3	6.87	692	71000	1.1	
	DEWATERED @ 1.5 gallons			—	1.5	
1330	74.0	6.87	708	768	—	

Did well dewater? (Yes) No Gallons actually evacuated: 1.5

Sampling Date: 8/2/12 Sampling Time: 1330 Depth to Water: 27.22

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

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) (Oxygenates (5)) Other: 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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: WW1 (CK)	Date: 8/2/12
Well I.D.: MW-9B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 68.54	Depth to Water (DTW): 27.96
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 36.08	

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: _____

26.4 (Gals.) X	3	=	79.2 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
0940	68.9	6.63	755	50	26.5	
	DELWATER @		47.5 gallons	—	47.5	
1300	70.2	6.91	722	69	—	

Did well dewater? (Yes) No Gallons actually evacuated: 47.5

Sampling Date: 8/2/12 Sampling Time: 1300 Depth to Water: 29.63

Sample I.D.: MW-8B 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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: WW1 (EB)	Date: 8/2/12
Well I.D.: MW-11B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 38.30	Depth to Water (DTW): 33.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.22	

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: _____

3.3 (Gals.) X	3	=	9.9 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
0912	69.3	6.30	584	99	3.3	
0914	68.5	6.27	582	207	6.6	
	DEWATERED @ 9.0 gallons				8.0	
1230	70.1	6.80	577	143	—	

Did well dewater? (Yes) No Gallons actually evacuated: 8.0

Sampling Date: 8/2/12 Sampling Time: 1230 Depth to Water: 33.22

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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: WW1 (CK)	Date: 8/2/12
Well I.D.: MW-12	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 38.80	Depth to Water (DTW): 33.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.16	

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

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

3.0 (Gals.) X	3	=	11.4 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0924	68.4	6.37	539	94	4.0	
	DEWATERED @	5.0 gallons	—		5.0	
1245	70.1	6.94	532	135	—	

Did well dewater? (Yes) No Gallons actually evacuated: 5.0

Sampling Date: 8/2/12 Sampling Time: 1245 Depth to Water: 33.04

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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: CW / CK	Date: 8/2/12
Well I.D.: MW-13	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 44.76	Depth to Water (DTW): 35.32
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]: 37.21	

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: ____

1.5 (Gals.) X	3	=	4.5 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0901	68.7	7.34	1062	>1000	1.5	
0904	67.7	7.21	1010	>1000	3	
0907	67.8	7.20	1007	>1000	4.5	

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 8/2/12 Sampling Time: 0915 Depth to Water: 35.43

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 #: 120802-WW1	Site: 6999 SAN RAMON RD, DUBLIN
Sampler: EW / CK	Date: 8/2/12
Well I.D.: MW-13B	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 68.29	Depth to Water (DTW): 33.73
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]: 40.64	

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:_____

5.5 (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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1214	75.3	7.73	1130	531	5.5	
1222	73.5	7.54	1152	415	11	
1230	72.9	7.52	1139	170	16.5	

Did well dewater? Yes (No) Gallons actually evacuated: 16.5

Sampling Date: 8/2/12 Sampling Time: 1240 Depth to Water: ~~37.46~~ 36.93

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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: CW / CK	Date: 8/2/12
Well I.D.: MW-13C	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 95.32	Depth to Water (DTW): 34.54
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 46.70	

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

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

9.7 (Gals.) X	3	=	29.1 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0944	67.2	7.54	1255	>1000	9.7	
0956	67.1	7.19	1254	219	19.4	
1009	66.4	7.39	1253	102	29.1	

Did well dewater? Yes (No) Gallons actually evacuated: 29.1

Sampling Date: 8/2/12 Sampling Time: 1220 Depth to Water: 37.40

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 #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: GW / CK	Date: 8/2/12
Well I.D.: MW-14B	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 67.73	Depth to Water (DTW): 28.86
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 36.63	

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:____

6.2 (Gals.) X	3	=	18.6 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1035	73.5	7.67	838	>1000	6.2	
1042	73.9	7.50	825	574	12.4	
1048	74.6	7.59	812	295	18.6	

Did well dewater? Yes (No) Gallons actually evacuated: 18.6

Sampling Date: 8/2/12 Sampling Time: 1100 Depth to Water: 32.92

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120802-WW1	Site: 8999 SAN RAMON RD, DUBLIN
Sampler: (EW) / CK	Date: 8/2/12
Well I.D.: MW-14C	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 100.21	Depth to Water (DTW): 33.02
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 46.46	

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: ____

10.8 (Gals.) X	3	= 32.4 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1113	73.0	7.56	1182	>1000	10.8	
1134	72.2	7.57	1126	177	21.6	
1145	80.2	7.41	1149	134	32.4	

Did well dewater? Yes (No) Gallons actually evacuated: 32.4

Sampling Date: 8/2/12 Sampling Time: 1150 Depth to Water: 44.64

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

INCIDENT # 97565995

ADDRESS 8999 SAN RAMON RD.

DATE: 8/2/12

CITY & STATE DUBLIN, CA

Well ID	Observations Upon Arrival: Manway Cover Type	Manway Cover Condition			Manway Cover Size (inch)	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-1R	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-2R	Standpipe	Flush	G	P	8	Y	N	G	R	G	R	NL	G	P	SUNKEN ANNULAR SEAL IN 2"	Y	N	
MW-2RR	Standpipe	Flush	G	P	8	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-2RC	Standpipe	Flush	G	P	8	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-3R	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-5	Standpipe	Flush	G	P	8	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-5B	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-5C	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-8	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-8B	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-11B	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P	1/2 BOLTS STRIPPED	Y	N	
TOTAL # CAPS REPLACED =									0		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:	Y	N	
	G				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		Drum is 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).

WILLIAM WONG / BLAINE TECH SERVICES

Print or type Name of Field Personnel & Consultant Company

INCIDENT # 97565795

ADDRESS 8999 SAN RAMON RD,

DATE: 8/21/12

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) 8	Y	N	G	R	G	R	NL	G	P	ANNULAR SEAL SUNKEN ~2'	Y	N	
MW-13B	Standpipe	Flush	G	P	Size (inch) 8	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-13C	Standpipe	Flush	G	P	Size (inch) 8	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 =								2			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:	Y	N	
	G				Y	N	

Remediation Compound Type (Check boxes that apply)		Condition of Enclosure			Condition of Area Inside Enclosure			Compound Security			Emergency Contact Info Visible			Cleaning / Repairs Recommended and Conducted	Photos of Condition		Repair Date and PM Initials
NA	✓	G	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

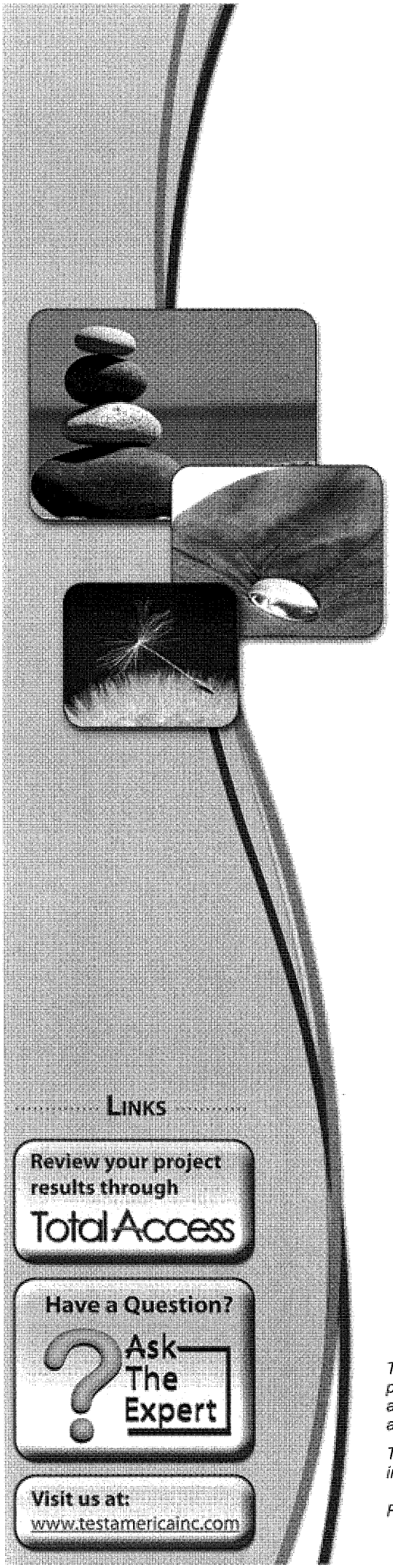
All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

WILLIAM WONG / BLAINE TECH SERVICES

Print or type Name of Field Personnel & Consultant Company

APPENDIX B

TESTAMERICA LABORATORIES, INC. - ANALYTICAL REPORT



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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: 440-19336-1
Client Project/Site: 8999 San Ramon Rd., Dublin, CA

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

Attn: Peter Schaefer

Authorized for release by:
8/13/2012 4:09:02 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: 440-19336-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-19336-1	MW-1R	Water	08/02/12 13:45	08/04/12 09:50
440-19336-2	MW-2R	Water	08/02/12 12:00	08/04/12 09:50
440-19336-3	MW-2RB	Water	08/02/12 13:20	08/04/12 09:50
440-19336-4	MW-2RC	Water	08/02/12 15:45	08/04/12 09:50
440-19336-5	MW-3R	Water	08/02/12 12:15	08/04/12 09:50
440-19336-6	MW-5B	Water	08/02/12 13:15	08/04/12 09:50
440-19336-7	MW-5C	Water	08/02/12 14:00	08/04/12 09:50
440-19336-8	MW-8	Water	08/02/12 13:30	08/04/12 09:50
440-19336-9	MW-8B	Water	08/02/12 13:00	08/04/12 09:50
440-19336-10	MW-11B	Water	08/02/12 12:30	08/04/12 09:50
440-19336-11	MW-12	Water	08/02/12 12:45	08/04/12 09:50
440-19336-12	MW-13	Water	08/02/12 09:15	08/04/12 09:50
440-19336-13	MW-13B	Water	08/02/12 12:40	08/04/12 09:50
440-19336-14	MW-13C	Water	08/02/12 12:20	08/04/12 09:50
440-19336-15	MW-14B	Water	08/02/12 11:00	08/04/12 09:50
440-19336-16	MW-14C	Water	08/02/12 11:50	08/04/12 09:50

Job ID: 440-19336-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-19336-1

Comments
No additional comments.

Receipt
The samples were received on 8/4/2012 9:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

GC/MS VOA
Method(s) 8260B/CA_LUFTMS: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: MW-2RB (440-19336-3), MW-13C (440-19336-14), MW-5B (440-19336-6), MW-5C (440-19336-7).

Method(s) 8260B/CA_LUFTMS: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: methyl tert-butyl ether MW-5B (440-19336-6), MW-5C (440-19336-7).

Method(s) 8260B: Due to the high concentration of 2-Methyl-2-propanol, the matrix spike / matrix spike duplicate (MS/MSD) for batch 43786 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: Hydrocarbon result partly due to individual peak(s) in quantitation range. MW-13 (440-19336-12), MW-2R (440-19336-2), MW-2RB (440-19336-3), MW-2RC (440-19336-4), MW-3R (440-19336-5), MW-8 (440-19336-8), MW-8B (440-19336-9).

Method(s) 8015B: Surrogate recovery for the following sample(s) was outside control limits: MW-2R (440-19336-2), MW-8 (440-19336-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed. Emulsion formed in extractions.

Method(s) 8015B: Insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch 43901. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method(s) 8015B: Hydrocarbon result partly due to individual peak(s) in quantitation range. MW-13C (440-19336-14), MW-14B (440-19336-15), MW-14C (440-19336-16).

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample ID: MW-1R

Lab Sample ID: 440-19336-1
Matrix: Water

Date Collected: 08/02/12 13:45
Date Received: 08/04/12 09:50

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		130		ug/L			08/08/12 10:36	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*08/08/12 10:36*	*2.5*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*08/08/12 10:36*	*2.5*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/08/12 10:36*	*2.5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.3		ug/L			08/08/12 10:36	2.5
Toluene	ND		1.3		ug/L			08/08/12 10:36	2.5
Ethylbenzene	ND		1.3		ug/L			08/08/12 10:36	2.5
Xylenes, Total	ND		2.5		ug/L			08/08/12 10:36	2.5
Methyl-t-Butyl Ether (MTBE)	**1.3**		1.3		ug/L			08/08/12 10:36	2.5
tert-Butyl alcohol (TBA)	**2100**		25		ug/L			08/08/12 10:36	2.5
Isopropyl Ether (DIPE)	ND		1.3		ug/L			08/08/12 10:36	2.5
Ethyl-t-butyl ether (ETBE)	ND		1.3		ug/L			08/08/12 10:36	2.5
Tert-amyl-methyl ether (TAME)	ND		1.3		ug/L			08/08/12 10:36	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*08/08/12 10:36*	*2.5*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*08/08/12 10:36*	*2.5*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/08/12 10:36*	*2.5*

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		48		ug/L		08/08/12 11:24	08/08/12 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*68*		*45 - 120*	*08/08/12 11:24*	*08/08/12 22:54*	*1*

Client Sample ID: MW-2R

Lab Sample ID: 440-19336-2
Matrix: Water

Date Collected: 08/02/12 12:00
Date Received: 08/04/12 09:50

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			08/07/12 07:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*119*		*80 - 120*		*08/07/12 07:13*	*1*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*		*08/07/12 07:13*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/07/12 07:13*	*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			08/07/12 07:13	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 07:13	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 07:13	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			08/07/12 07:13	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 07:13	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 07:13	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 07:13	1

Client Sample ID: MW-2R

Lab Sample ID: 440-19336-2

Date Collected: 08/02/12 12:00
Date Received: 08/04/12 09:50

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			08/07/12 07:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*		*08/07/12 07:13*	*1*
Dibromofluoromethane (Surr)	*119*		*80 - 120*		*08/07/12 07:13*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/07/12 07:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/11/12 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*08/11/12 00:36*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*08/11/12 00:36*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/11/12 00:36*	*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]	**90**		47		ug/L		08/08/12 11:24	08/09/12 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*44*	*X*	*45 - 120*	*08/08/12 11:24*	*08/09/12 01:17*	*1*

Client Sample ID: MW-2RB

Lab Sample ID: 440-19336-3

Date Collected: 08/02/12 13:20
Date Received: 08/04/12 09:50

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)	**350**		50		ug/L			08/07/12 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*08/07/12 22:25*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*08/07/12 22:25*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/07/12 22:25*	*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			08/07/12 22:25	1
Toluene	ND		0.50		ug/L			08/07/12 22:25	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 22:25	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 22:25	1
Methyl-t-Butyl Ether (MTBE)	**0.75**		0.50		ug/L			08/07/12 22:25	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 22:25	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 22:25	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 22:25	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/07/12 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*08/07/12 22:25*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*08/07/12 22:25*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/07/12 22:25*	*1*

Client Sample ID: MW-2RB

Lab Sample ID: 440-19336-3

Date Collected: 08/02/12 13:20
Date Received: 08/04/12 09:50

Matrix: Water

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]	250		48		ug/L		08/08/12 11:24	08/08/12 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*69*		*45 - 120*	*08/08/12 11:24*	*08/08/12 23:35*	*1*

Client Sample ID: MW-2RC

Lab Sample ID: 440-19336-4

Date Collected: 08/02/12 15:45
Date Received: 08/04/12 09:50

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)	54		50		ug/L			08/07/12 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*08/07/12 12:09*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/07/12 12:09*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/07/12 12:09*	*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			08/07/12 06:12	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 06:12	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 06:12	1
Methyl-t-Butyl Ether (MTBE)	42		0.50		ug/L			08/07/12 06:12	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 06:12	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 06:12	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 06:12	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/07/12 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*08/07/12 06:12*	*1*
Dibromofluoromethane (Surr)	*118*		*80 - 120*		*08/07/12 06:12*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/07/12 06:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/07/12 12:09*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*08/07/12 12:09*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/07/12 12:09*	*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]	95		47		ug/L		08/08/12 11:24	08/08/12 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*62*		*45 - 120*	*08/08/12 11:24*	*08/08/12 23:56*	*1*

Client Sample ID: MW-3R

Lab Sample ID: 440-19336-5

Date Collected: 08/02/12 12:15
Date Received: 08/04/12 09:50

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			08/07/12 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*08/07/12 05:41*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*08/07/12 05:41*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/07/12 05:41*	*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			08/07/12 05:41	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 05:41	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 05:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			08/07/12 05:41	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 05:41	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 05:41	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 05:41	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/07/12 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*08/07/12 05:41*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*08/07/12 05:41*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/07/12 05:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/07/12 15:43*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*08/07/12 15:43*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/07/12 15:43*	*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]	60		47		ug/L		08/08/12 11:24	08/09/12 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*63*		*45 - 120*	*08/08/12 11:24*	*08/09/12 00:16*	*1*

Client Sample ID: MW-5B

Lab Sample ID: 440-19336-6

Date Collected: 08/02/12 13:15
Date Received: 08/04/12 09:50

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)	290		100		ug/L			08/07/12 13:41	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*08/07/12 13:41*	*2*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/07/12 13:41*	*2*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/07/12 13:41*	*2*

Client Sample ID: MW-5B

Lab Sample ID: 440-19336-6

Date Collected: 08/02/12 13:15
Date Received: 08/04/12 09:50

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			08/07/12 05:11	2
Ethylbenzene	ND		1.0		ug/L			08/07/12 05:11	2
Xylenes, Total	ND		2.0		ug/L			08/07/12 05:11	2
Methyl-t-Butyl Ether (MTBE)	**260**		1.0		ug/L			08/07/12 05:11	2
tert-Butyl alcohol (TBA)	ND		20		ug/L			08/07/12 05:11	2
Isopropyl Ether (DIPE)	ND		1.0		ug/L			08/07/12 05:11	2
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/L			08/07/12 05:11	2
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/L			08/07/12 05:11	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*08/07/12 05:11*	*2*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*08/07/12 05:11*	*2*
Toluene-d8 (Surr)	*94*		*80 - 120*		*08/07/12 05:11*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0		ug/L			08/07/12 13:41	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/07/12 13:41*	*2*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*08/07/12 13:41*	*2*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/07/12 13:41*	*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]	ND		48		ug/L		08/08/12 11:24	08/09/12 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*72*		*45 - 120*	*08/08/12 11:24*	*08/09/12 00:36*	*1*

Client Sample ID: MW-5C

Lab Sample ID: 440-19336-7

Date Collected: 08/02/12 14:00
Date Received: 08/04/12 09:50

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)	**180**		50		ug/L			08/07/12 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*08/07/12 14:12*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/07/12 14:12*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/07/12 14:12*	*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			08/07/12 04:40	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 04:40	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 04:40	1
Methyl-t-Butyl Ether (MTBE)	**190**		0.50		ug/L			08/07/12 04:40	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 04:40	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 04:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 04:40	1

Client Sample ID: MW-5C

Lab Sample ID: 440-19336-7

Date Collected: 08/02/12 14:00
Date Received: 08/04/12 09:50

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			08/07/12 04:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*		*08/07/12 04:40*	*1*
Dibromofluoromethane (Surr)	*114*		*80 - 120*		*08/07/12 04:40*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/07/12 04:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/07/12 14:12*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*08/07/12 14:12*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/07/12 14:12*	*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		48		ug/L		08/08/12 11:24	08/09/12 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*64*		*45 - 120*	*08/08/12 11:24*	*08/09/12 00:57*	*1*

Client Sample ID: MW-8

Lab Sample ID: 440-19336-8

Date Collected: 08/02/12 13:30
Date Received: 08/04/12 09:50

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			08/07/12 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*08/07/12 04:10*	*1*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*08/07/12 04:10*	*1*
Toluene-d8 (Surr)	*86*		*80 - 120*		*08/07/12 04:10*	*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			08/07/12 04:10	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 04:10	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 04:10	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			08/07/12 04:10	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 04:10	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 04:10	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 04:10	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/07/12 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*08/07/12 04:10*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*08/07/12 04:10*	*1*
Toluene-d8 (Surr)	*86*		*80 - 120*		*08/07/12 04:10*	*1*

Client Sample ID: MW-8

Lab Sample ID: 440-19336-8

Date Collected: 08/02/12 13:30
Date Received: 08/04/12 09:50

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/07/12 16:13*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*08/07/12 16:13*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/07/12 16:13*	*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]	250		48		ug/L		08/08/12 11:24	08/08/12 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*44*	*X*	*45 - 120*	*08/08/12 11:24*	*08/08/12 23:15*	*1*

Client Sample ID: MW-8B

Lab Sample ID: 440-19336-9

Date Collected: 08/02/12 13:00
Date Received: 08/04/12 09:50

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			08/07/12 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*08/07/12 03:39*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*08/07/12 03:39*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/07/12 03:39*	*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			08/07/12 03:39	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 03:39	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 03:39	1
Methyl-t-Butyl Ether (MTBE)	**0.78**		0.50		ug/L			08/07/12 03:39	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 03:39	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 03:39	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 03:39	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/07/12 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*08/07/12 03:39*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*08/07/12 03:39*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/07/12 03:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/07/12 16:44*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*08/07/12 16:44*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/07/12 16:44*	*1*

Client Sample ID: MW-8B

Lab Sample ID: 440-19336-9

Date Collected: 08/02/12 13:00
Date Received: 08/04/12 09:50

Matrix: Water

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]	66		47		ug/L		08/08/12 11:24	08/09/12 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*74*		*45 - 120*	*08/08/12 11:24*	*08/09/12 01:37*	*1*

Client Sample ID: MW-11B

Lab Sample ID: 440-19336-10

Date Collected: 08/02/12 12:30
Date Received: 08/04/12 09:50

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			08/07/12 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*08/07/12 03:09*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*08/07/12 03:09*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/07/12 03:09*	*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			08/07/12 03:09	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 03:09	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 03:09	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			08/07/12 03:09	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 03:09	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 03:09	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 03:09	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/07/12 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*08/07/12 03:09*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*08/07/12 03:09*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/07/12 03:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*08/07/12 17:14*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*08/07/12 17:14*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/07/12 17:14*	*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		48		ug/L		08/08/12 11:24	08/09/12 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*74*		*45 - 120*	*08/08/12 11:24*	*08/09/12 01:58*	*1*

Client Sample ID: MW-12

Lab Sample ID: 440-19336-11
Matrix: Water

Date Collected: 08/02/12 12:45
Date Received: 08/04/12 09:50

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			08/07/12 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*08/07/12 02:38*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*08/07/12 02:38*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/07/12 02:38*	*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			08/07/12 02:38	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 02:38	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 02:38	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			08/07/12 02:38	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 02:38	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 02:38	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 02:38	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/07/12 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*08/07/12 02:38*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*08/07/12 02:38*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/07/12 02:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*08/07/12 17:45*	*1*
Dibromofluoromethane (Surr)	*113*		*80 - 120*		*08/07/12 17:45*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/07/12 17:45*	*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		48		ug/L		08/08/12 11:24	08/09/12 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*64*		*45 - 120*	*08/08/12 11:24*	*08/09/12 02:18*	*1*

Client Sample ID: MW-13

Lab Sample ID: 440-19336-12
Matrix: Water

Date Collected: 08/02/12 09:15
Date Received: 08/04/12 09:50

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			08/07/12 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*08/07/12 02:08*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*08/07/12 02:08*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/07/12 02:08*	*1*

Client Sample ID: MW-13

Lab Sample ID: 440-19336-12

Date Collected: 08/02/12 09:15
Date Received: 08/04/12 09:50

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			08/07/12 02:08	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 02:08	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 02:08	1
Methyl-t-Butyl Ether (MTBE)	**0.98**		0.50		ug/L			08/07/12 02:08	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 02:08	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 02:08	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 02:08	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/07/12 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*08/07/12 02:08*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*08/07/12 02:08*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/07/12 02:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/07/12 18:15*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*08/07/12 18:15*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/07/12 18:15*	*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]	57		48		ug/L		08/08/12 11:24	08/09/12 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*48*		*45 - 120*	*08/08/12 11:24*	*08/09/12 02:38*	*1*

Client Sample ID: MW-13B

Lab Sample ID: 440-19336-13

Date Collected: 08/02/12 12:40
Date Received: 08/04/12 09:50

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)	140		50		ug/L			08/07/12 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*08/07/12 14:42*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/07/12 14:42*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/07/12 14:42*	*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			08/07/12 01:37	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 01:37	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 01:37	1
Methyl-t-Butyl Ether (MTBE)	**1.7**		0.50		ug/L			08/07/12 01:37	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 01:37	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 01:37	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 01:37	1

Client Sample ID: MW-13B

Lab Sample ID: 440-19336-13

Date Collected: 08/02/12 12:40
Date Received: 08/04/12 09:50

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			08/07/12 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*08/07/12 01:37*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*08/07/12 01:37*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/07/12 01:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/07/12 14:42*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*08/07/12 14:42*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/07/12 14:42*	*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]	**1200**		48		ug/L		08/08/12 11:24	08/09/12 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*67*		*45 - 120*	*08/08/12 11:24*	*08/09/12 02:58*	*1*

Client Sample ID: MW-13C

Lab Sample ID: 440-19336-14

Date Collected: 08/02/12 12:20
Date Received: 08/04/12 09:50

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)	**100**		50		ug/L			08/07/12 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*08/07/12 15:13*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*08/07/12 15:13*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/07/12 15:13*	*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			08/07/12 01:07	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 01:07	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 01:07	1
Methyl-t-Butyl Ether (MTBE)	**80**		0.50		ug/L			08/07/12 01:07	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 01:07	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 01:07	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 01:07	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/07/12 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*08/07/12 01:07*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*08/07/12 01:07*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/07/12 01:07*	*1*

Client Sample ID: MW-13C

Lab Sample ID: 440-19336-14

Date Collected: 08/02/12 12:20
Date Received: 08/04/12 09:50

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*08/07/12 15:13*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*08/07/12 15:13*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/07/12 15:13*	*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]	450		48		ug/L		08/08/12 11:24	08/09/12 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*59*		*45 - 120*	*08/08/12 11:24*	*08/09/12 01:37*	*1*

Client Sample ID: MW-14B

Lab Sample ID: 440-19336-15

Date Collected: 08/02/12 11:00
Date Received: 08/04/12 09:50

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			08/07/12 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*08/07/12 00:36*	*1*
4-Bromofluorobenzene (Surr)	*81*		*80 - 120*		*08/07/12 00:36*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/07/12 00:36*	*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			08/07/12 00:36	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 00:36	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 00:36	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			08/07/12 00:36	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 00:36	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 00:36	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 00:36	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/07/12 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*80 - 120*		*08/07/12 00:36*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*08/07/12 00:36*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/07/12 00:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/07/12 18:46*	*1*
Dibromofluoromethane (Surr)	*117*		*80 - 120*		*08/07/12 18:46*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/07/12 18:46*	*1*

Client Sample ID: MW-14B

Lab Sample ID: 440-19336-15

Date Collected: 08/02/12 11:00
Date Received: 08/04/12 09:50

Matrix: Water

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]	650		48		ug/L		08/08/12 11:24	08/09/12 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*66*		*45 - 120*	*08/08/12 11:24*	*08/09/12 01:58*	*1*

Client Sample ID: MW-14C

Lab Sample ID: 440-19336-16

Date Collected: 08/02/12 11:50
Date Received: 08/04/12 09:50

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			08/06/12 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*08/06/12 23:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/06/12 23:04*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/06/12 23:04*	*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			08/06/12 23:04	1
Ethylbenzene	ND		0.50		ug/L			08/06/12 23:04	1
Xylenes, Total	ND		1.0		ug/L			08/06/12 23:04	1
Methyl-t-Butyl Ether (MTBE)	19		0.50		ug/L			08/06/12 23:04	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/06/12 23:04	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/06/12 23:04	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/06/12 23:04	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/06/12 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/06/12 23:04*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*08/06/12 23:04*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/06/12 23:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/07/12 22:05*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*08/07/12 22:05*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/07/12 22:05*	*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]	890		47		ug/L		08/08/12 11:24	08/09/12 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*70*		*45 - 120*	*08/08/12 11:24*	*08/09/12 02:18*	*1*

Lab Chronicle

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

TestAmerica Job ID: 440-19336-1

Client Sample ID: MW-1R

Lab Sample ID: 440-19336-1

Date Collected: 08/02/12 13:45
Date Received: 08/04/12 09:50

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		2.5	10 mL	10 mL	43786	08/08/12 10:36	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		2.5	10 mL	10 mL	43787	08/08/12 10:36	LB	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1040 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/08/12 22:54	RR	TAL IRV

Client Sample ID: MW-2R

Lab Sample ID: 440-19336-2

Date Collected: 08/02/12 12:00
Date Received: 08/04/12 09:50

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	43406	08/07/12 07:13	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43407	08/07/12 07:13	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	44596	08/11/12 00:36	WC	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1060 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/09/12 01:17	RR	TAL IRV

Client Sample ID: MW-2RB

Lab Sample ID: 440-19336-3

Date Collected: 08/02/12 13:20
Date Received: 08/04/12 09:50

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	43744	08/07/12 22:25	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43745	08/07/12 22:25	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/08/12 23:35	RR	TAL IRV

Client Sample ID: MW-2RC

Lab Sample ID: 440-19336-4

Date Collected: 08/02/12 15:45
Date Received: 08/04/12 09:50

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	43406	08/07/12 06:12	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	43502	08/07/12 12:09	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43503	08/07/12 12:09	WK	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1060 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/08/12 23:56	RR	TAL IRV

Client Sample ID: MW-3R

Lab Sample ID: 440-19336-5

Date Collected: 08/02/12 12:15
Date Received: 08/04/12 09:50

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	43406	08/07/12 05:41	SS	TAL IRV

Lab Chronicle

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

TestAmerica Job ID: 440-19336-1

Client Sample ID: MW-3R

Lab Sample ID: 440-19336-5

Date Collected: 08/02/12 12:15
Date Received: 08/04/12 09:50

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/CA_LUFTMS		1	10 mL	10 mL	43407	08/07/12 05:41	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	43502	08/07/12 15:43	WC	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1060 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/09/12 00:16	RR	TAL IRV

Client Sample ID: MW-5B

Lab Sample ID: 440-19336-6

Date Collected: 08/02/12 13:15
Date Received: 08/04/12 09:50

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	43406	08/07/12 05:11	SS	TAL IRV
Total/NA	Analysis	8260B	RA	2	10 mL	10 mL	43502	08/07/12 13:41	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		2	10 mL	10 mL	43503	08/07/12 13:41	WK	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/09/12 00:36	RR	TAL IRV

Client Sample ID: MW-5C

Lab Sample ID: 440-19336-7

Date Collected: 08/02/12 14:00
Date Received: 08/04/12 09:50

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	43406	08/07/12 04:40	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	43502	08/07/12 14:12	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43503	08/07/12 14:12	WK	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/09/12 00:57	RR	TAL IRV

Client Sample ID: MW-8

Lab Sample ID: 440-19336-8

Date Collected: 08/02/12 13:30
Date Received: 08/04/12 09:50

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	43406	08/07/12 04:10	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43407	08/07/12 04:10	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	43502	08/07/12 16:13	WC	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1045 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/08/12 23:15	RR	TAL IRV

Lab Chronicle

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

TestAmerica Job ID: 440-19336-1

Client Sample ID: MW-8B

Lab Sample ID: 440-19336-9

Date Collected: 08/02/12 13:00
Matrix: Water
Date Received: 08/04/12 09:50

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	43406	08/07/12 03:39	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43407	08/07/12 03:39	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	43502	08/07/12 16:44	WC	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1060 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/09/12 01:37	RR	TAL IRV

Client Sample ID: MW-11B

Lab Sample ID: 440-19336-10

Date Collected: 08/02/12 12:30
Matrix: Water
Date Received: 08/04/12 09:50

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	43406	08/07/12 03:09	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43407	08/07/12 03:09	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	43502	08/07/12 17:14	WC	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/09/12 01:58	RR	TAL IRV

Client Sample ID: MW-12

Lab Sample ID: 440-19336-11

Date Collected: 08/02/12 12:45
Matrix: Water
Date Received: 08/04/12 09:50

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	43406	08/07/12 02:38	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43407	08/07/12 02:38	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	43502	08/07/12 17:45	WC	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/09/12 02:18	RR	TAL IRV

Client Sample ID: MW-13

Lab Sample ID: 440-19336-12

Date Collected: 08/02/12 09:15
Matrix: Water
Date Received: 08/04/12 09:50

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	43406	08/07/12 02:08	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43407	08/07/12 02:08	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	43502	08/07/12 18:15	WC	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/09/12 02:38	RR	TAL IRV

Lab Chronicle

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

TestAmerica Job ID: 440-19336-1

Client Sample ID: MW-13B

Lab Sample ID: 440-19336-13

Date Collected: 08/02/12 12:40
Date Received: 08/04/12 09:50

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	43406	08/07/12 01:37	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	43502	08/07/12 14:42	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43503	08/07/12 14:42	WK	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44020	08/09/12 02:58	RR	TAL IRV

Client Sample ID: MW-13C

Lab Sample ID: 440-19336-14

Date Collected: 08/02/12 12:20
Date Received: 08/04/12 09:50

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	43406	08/07/12 01:07	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	43502	08/07/12 15:13	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43503	08/07/12 15:13	WK	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44019	08/09/12 01:37	RR	TAL IRV

Client Sample ID: MW-14B

Lab Sample ID: 440-19336-15

Date Collected: 08/02/12 11:00
Date Received: 08/04/12 09:50

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	43406	08/07/12 00:36	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43407	08/07/12 00:36	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	43502	08/07/12 18:46	WC	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1050 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44019	08/09/12 01:58	RR	TAL IRV

Client Sample ID: MW-14C

Lab Sample ID: 440-19336-16

Date Collected: 08/02/12 11:50
Date Received: 08/04/12 09:50

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	43406	08/06/12 23:04	SS	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	43407	08/06/12 23:04	SS	TAL IRV
Total/NA	Analysis	8260B	RA	1	10 mL	10 mL	43679	08/07/12 22:05	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			1060 mL	1 mL	43901	08/08/12 11:24	KW	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1			44019	08/09/12 02:18	RR	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 440-43406/4
Matrix: Water
Analysis Batch: 43406

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			08/06/12 21:33	1
Toluene	0.881		0.50		ug/L			08/06/12 21:33	1
Ethylbenzene	ND		0.50		ug/L			08/06/12 21:33	1
Xylenes, Total	ND		1.0		ug/L			08/06/12 21:33	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			08/06/12 21:33	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/06/12 21:33	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/06/12 21:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/06/12 21:33	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/06/12 21:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*80 - 120*		*08/06/12 21:33*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*08/06/12 21:33*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/06/12 21:33*	*1*

Lab Sample ID: LCS 440-43406/5
Matrix: Water
Analysis Batch: 43406

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
Toluene	25.0	24.2		ug/L		97	70 - 120
Ethylbenzene	25.0	24.7		ug/L		99	75 - 125
m,p-Xylene	50.0	49.6		ug/L		99	75 - 125
o-Xylene	25.0	24.0		ug/L		96	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	28.7		ug/L		115	60 - 135
tert-Butyl alcohol (TBA)	125	129		ug/L		104	70 - 135
Isopropyl Ether (DIPE)	25.0	28.1		ug/L		112	60 - 135
Ethyl-t-butyl ether (ETBE)	25.0	25.9		ug/L		104	65 - 135
Tert-amyl-methyl ether (TAME)	25.0	25.7		ug/L		103	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*
Dibromofluoromethane (Surr)	*118*		*80 - 120*
Toluene-d8 (Surr)	*93*		*80 - 120*

Lab Sample ID: 440-19336-16 MS
Matrix: Water
Analysis Batch: 43406

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	21.1		ug/L		84	65 - 125
Toluene	0.92		25.0	27.8		ug/L		108	70 - 125
Ethylbenzene	ND		25.0	25.8		ug/L		103	65 - 130
m,p-Xylene	ND		50.0	49.7		ug/L		99	65 - 130
o-Xylene	ND		25.0	25.9		ug/L		104	65 - 125
Methyl-t-Butyl Ether (MTBE)	19		25.0	47.3		ug/L		114	55 - 145
tert-Butyl alcohol (TBA)	ND		125	126		ug/L		101	65 - 140
Isopropyl Ether (DIPE)	ND		25.0	28.9		ug/L		116	60 - 140

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

Lab Sample ID: 440-19336-16 MS
Matrix: Water
Analysis Batch: 43406

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
Ethyl-t-butyl ether (ETBE)	ND		25.0	24.4		ug/L		98	60 - 135
Tert-amyl-methyl ether (TAME)	ND		25.0	23.1		ug/L		92	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-19336-16 MSD
Matrix: Water
Analysis Batch: 43406

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	21.1		ug/L		84	65 - 125	0	20
Toluene	0.92		25.0	27.2		ug/L		105	70 - 125	2	20
Ethylbenzene	ND		25.0	25.1		ug/L		101	65 - 130	3	20
m,p-Xylene	ND		50.0	51.2		ug/L		102	65 - 130	3	25
o-Xylene	ND		25.0	22.1		ug/L		88	65 - 125	16	20
Methyl-t-Butyl Ether (MTBE)	19		25.0	47.3		ug/L		114	55 - 145	0	25
tert-Butyl alcohol (TBA)	ND		125	126		ug/L		100	65 - 140	0	25
Isopropyl Ether (DIPE)	ND		25.0	26.6		ug/L		107	60 - 140	8	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	25.1		ug/L		100	60 - 135	3	25
Tert-amyl-methyl ether (TAME)	ND		25.0	25.3		ug/L		101	60 - 140	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*80 - 120*
Dibromofluoromethane (Surr)	*112*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: MB 440-43502/5
Matrix: Water
Analysis Batch: 43502

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 10:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/07/12 10:10*	*1*
Dibromofluoromethane (Surr)	*113*		*80 - 120*		*08/07/12 10:10*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/07/12 10:10*	*1*

Lab Sample ID: LCS 440-43502/6
Matrix: Water
Analysis Batch: 43502

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	25.0	26.4		ug/L		106	70 - 120

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

Lab Sample ID: LCS 440-43502/6
Matrix: Water
Analysis Batch: 43502

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	110		80 - 120
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 440-19336-4 MS
Matrix: Water
Analysis Batch: 43502

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	26.0		ug/L		104	65 - 125
Toluene	ND		25.0	27.0		ug/L		108	70 - 125
Ethylbenzene	ND		25.0	26.8		ug/L		107	65 - 130
m,p-Xylene	ND		50.0	50.8		ug/L		102	65 - 130
o-Xylene	ND		25.0	25.3		ug/L		101	65 - 125
Methyl-t-Butyl Ether (MTBE)	43		25.0	71.1		ug/L		111	55 - 145
tert-Butyl alcohol (TBA)	ND		125	118		ug/L		94	65 - 140
Isopropyl Ether (DIPE)	ND		25.0	27.4		ug/L		110	60 - 140
Ethyl-t-butyl ether (ETBE)	ND		25.0	26.3		ug/L		105	60 - 135
Tert-amyl-methyl ether (TAME)	ND		25.0	27.4		ug/L		109	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 440-19336-4 MSD
Matrix: Water
Analysis Batch: 43502

Client Sample ID: MW-2RC
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	26.5		ug/L		106	65 - 125	2	20
Toluene	ND		25.0	27.0		ug/L		108	70 - 125	0	20
Ethylbenzene	ND		25.0	26.2		ug/L		105	65 - 130	2	20
m,p-Xylene	ND		50.0	51.5		ug/L		103	65 - 130	1	25
o-Xylene	ND		25.0	25.4		ug/L		102	65 - 125	1	20
Methyl-t-Butyl Ether (MTBE)	43		25.0	70.6		ug/L		109	55 - 145	1	25
tert-Butyl alcohol (TBA)	ND		125	118		ug/L		94	65 - 140	0	25
Isopropyl Ether (DIPE)	ND		25.0	28.3		ug/L		113	60 - 140	3	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	27.1		ug/L		108	60 - 135	3	25
Tert-amyl-methyl ether (TAME)	ND		25.0	28.5		ug/L		114	60 - 140	4	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	99		80 - 120

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

Lab Sample ID: MB 440-43679/4
Matrix: Water
Analysis Batch: 43679

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/07/12 18:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/07/12 18:53*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*08/07/12 18:53*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/07/12 18:53*	*1*

Lab Sample ID: LCS 440-43679/5
Matrix: Water
Analysis Batch: 43679

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	25.0	25.9		ug/L		104	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 440-19281-A-1 MS
Matrix: Water
Analysis Batch: 43679

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
Toluene	ND		25.0	25.0		ug/L		100	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 440-19281-A-1 MSD
Matrix: Water
Analysis Batch: 43679

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
Toluene	ND		25.0	25.4		ug/L		102	70 - 125	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

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

Lab Sample ID: MB 440-43744/4
Matrix: Water
Analysis Batch: 43744

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			08/07/12 21:06	1
Toluene	ND		0.50		ug/L			08/07/12 21:06	1
Ethylbenzene	ND		0.50		ug/L			08/07/12 21:06	1
Xylenes, Total	ND		1.0		ug/L			08/07/12 21:06	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			08/07/12 21:06	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/07/12 21:06	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/07/12 21:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/07/12 21:06	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/07/12 21:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*08/07/12 21:06*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*08/07/12 21:06*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/07/12 21:06*	*1*

Lab Sample ID: LCS 440-43744/5
Matrix: Water
Analysis Batch: 43744

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	24.5		ug/L		98	70 - 120
Toluene	25.0	26.3		ug/L		105	70 - 120
Ethylbenzene	25.0	27.1		ug/L		108	75 - 125
m,p-Xylene	50.0	52.5		ug/L		105	75 - 125
o-Xylene	25.0	26.4		ug/L		106	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	24.5		ug/L		98	60 - 135
tert-Butyl alcohol (TBA)	125	146		ug/L		117	70 - 135
Isopropyl Ether (DIPE)	25.0	24.4		ug/L		97	60 - 135
Ethyl-t-butyl ether (ETBE)	25.0	23.3		ug/L		93	65 - 135
Tert-amyl-methyl ether (TAME)	25.0	24.0		ug/L		96	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*110*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 440-19336-3 MS
Matrix: Water
Analysis Batch: 43744

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	25.3		ug/L		101	65 - 125
Toluene	ND		25.0	26.6		ug/L		107	70 - 125
Ethylbenzene	ND		25.0	27.2		ug/L		109	65 - 130
m,p-Xylene	ND		50.0	49.8		ug/L		100	65 - 130
o-Xylene	ND		25.0	27.5		ug/L		110	65 - 125
Methyl-t-Butyl Ether (MTBE)	0.75		25.0	26.9		ug/L		105	55 - 145
tert-Butyl alcohol (TBA)	ND		125	137		ug/L		110	65 - 140
Isopropyl Ether (DIPE)	ND		25.0	24.1		ug/L		96	60 - 140

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

Lab Sample ID: 440-19336-3 MS
Matrix: Water
Analysis Batch: 43744

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
Ethyl-t-butyl ether (ETBE)	ND		25.0	23.7		ug/L		95	60 - 135
Tert-amyl-methyl ether (TAME)	ND		25.0	25.3		ug/L		101	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 440-19336-3 MSD
Matrix: Water
Analysis Batch: 43744

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	24.0		ug/L		96	65 - 125	5	20
Toluene	ND		25.0	25.4		ug/L		101	70 - 125	5	20
Ethylbenzene	ND		25.0	28.3		ug/L		113	65 - 130	4	20
m,p-Xylene	ND		50.0	53.2		ug/L		106	65 - 130	7	25
o-Xylene	ND		25.0	27.9		ug/L		112	65 - 125	2	20
Methyl-t-Butyl Ether (MTBE)	0.75		25.0	26.1		ug/L		101	55 - 145	3	25
tert-Butyl alcohol (TBA)	ND		125	144		ug/L		115	65 - 140	5	25
Isopropyl Ether (DIPE)	ND		25.0	23.4		ug/L		93	60 - 140	3	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	23.4		ug/L		93	60 - 135	1	25
Tert-amyl-methyl ether (TAME)	ND		25.0	22.8		ug/L		91	60 - 140	11	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Dibromofluoromethane (Surr)	*107*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 440-43786/4
Matrix: Water
Analysis Batch: 43786

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			08/08/12 09:09	1
Toluene	ND		0.50		ug/L			08/08/12 09:09	1
Ethylbenzene	ND		0.50		ug/L			08/08/12 09:09	1
Xylenes, Total	ND		1.0		ug/L			08/08/12 09:09	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			08/08/12 09:09	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/08/12 09:09	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			08/08/12 09:09	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			08/08/12 09:09	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			08/08/12 09:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*08/08/12 09:09*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*08/08/12 09:09*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/08/12 09:09*	*1*

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

Lab Sample ID: LCS 440-43786/5
Matrix: Water
Analysis Batch: 43786

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	28.5		ug/L		114	70 - 120
Toluene	25.0	28.5		ug/L		114	70 - 120
Ethylbenzene	25.0	28.2		ug/L		113	75 - 125
m,p-Xylene	50.0	56.3		ug/L		113	75 - 125
o-Xylene	25.0	27.5		ug/L		110	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	27.2		ug/L		109	60 - 135
tert-Butyl alcohol (TBA)	125	159		ug/L		127	70 - 135
Isopropyl Ether (DIPE)	25.0	28.2		ug/L		113	60 - 135
Ethyl-t-butyl ether (ETBE)	25.0	26.6		ug/L		107	65 - 135
Tert-amyl-methyl ether (TAME)	25.0	27.2		ug/L		109	60 - 135

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

Lab Sample ID: 440-19336-1 MS
Matrix: Water
Analysis Batch: 43786

Client Sample ID: MW-1R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		62.5	64.2		ug/L		103	65 - 125
Toluene	ND		62.5	64.2		ug/L		103	70 - 125
Ethylbenzene	ND		62.5	65.3		ug/L		104	65 - 130
m,p-Xylene	ND		125	132		ug/L		105	65 - 130
o-Xylene	ND		62.5	64.0		ug/L		102	65 - 125
Methyl-t-Butyl Ether (MTBE)	1.3		62.5	65.9		ug/L		103	55 - 145
tert-Butyl alcohol (TBA)	2100		313	2460	4	ug/L		109	65 - 140
Isopropyl Ether (DIPE)	ND		62.5	64.8		ug/L		104	60 - 140
Ethyl-t-butyl ether (ETBE)	ND		62.5	61.6		ug/L		99	60 - 135
Tert-amyl-methyl ether (TAME)	ND		62.5	61.6		ug/L		99	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 440-19336-1 MSD
Matrix: Water
Analysis Batch: 43786

Client Sample ID: MW-1R
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		62.5	67.7		ug/L		108	65 - 125	5	20
Toluene	ND		62.5	67.4		ug/L		108	70 - 125	5	20
Ethylbenzene	ND		62.5	64.5		ug/L		103	65 - 130	1	20
m,p-Xylene	ND		125	129		ug/L		103	65 - 130	2	25
o-Xylene	ND		62.5	64.0		ug/L		102	65 - 125	0	20
Methyl-t-Butyl Ether (MTBE)	1.3		62.5	70.9		ug/L		111	55 - 145	7	25
tert-Butyl alcohol (TBA)	2100		313	2460	4	ug/L		108	65 - 140	0	25

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

Lab Sample ID: 440-19336-1 MSD — **Client Sample ID: MW-1R**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 43786

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isopropyl Ether (DIPE)	ND		62.5	69.9		ug/L		112	60 - 140	8	25
Ethyl-t-butyl ether (ETBE)	ND		62.5	65.6		ug/L		105	60 - 135	6	25
Tert-amyl-methyl ether (TAME)	ND		62.5	67.4		ug/L		108	60 - 140	9	30

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

Lab Sample ID: MB 440-44596/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 44596

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50		ug/L			08/10/12 19:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*08/10/12 19:09*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*08/10/12 19:09*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/10/12 19:09*	*1*

Lab Sample ID: LCS 440-44596/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 44596

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	25.0	26.0		ug/L		104	70 - 120

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

Lab Sample ID: 440-19860-D-10 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 44596

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	ND		25.0	26.1		ug/L		105	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

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

Lab Sample ID: 440-19860-D-10 MSD
Matrix: Water
Analysis Batch: 44596

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
Toluene	ND		25.0	26.3		ug/L		105	70 - 125	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: MB 440-43407/4
Matrix: Water
Analysis Batch: 43407

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			08/06/12 21:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*08/06/12 21:33*	*1*
4-Bromofluorobenzene (Surr)	*83*		*80 - 120*		*08/06/12 21:33*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/06/12 21:33*	*1*

Lab Sample ID: LCS 440-43407/6
Matrix: Water
Analysis Batch: 43407

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	484		ug/L		97	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*117*		*80 - 120*
4-Bromofluorobenzene (Surr)	*85*		*80 - 120*
Toluene-d8 (Surr)	*116*		*80 - 120*

Lab Sample ID: 440-19336-16 MS
Matrix: Water
Analysis Batch: 43407

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		1730	1860		ug/L		106	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*109*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

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

Lab Sample ID: 440-19336-16 MSD
Matrix: Water
Analysis Batch: 43407

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		1730	1910		ug/L		108	50 - 145	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*112*		*80 - 120*
4-Bromofluorobenzene (Surr)	*85*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: MB 440-43503/5
Matrix: Water
Analysis Batch: 43503

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			08/07/12 10:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*80 - 120*		*08/07/12 10:10*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/07/12 10:10*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/07/12 10:10*	*1*

Lab Sample ID: LCS 440-43503/7
Matrix: Water
Analysis Batch: 43503

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	520		ug/L		104	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*106*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 440-19336-4 MS
Matrix: Water
Analysis Batch: 43503

Client Sample ID: MW-2RC
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)	54		1730	1420		ug/L		79	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

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

Lab Sample ID: 440-19336-4 MSD
Matrix: Water
Analysis Batch: 43503

Client Sample ID: MW-2RC
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)	54		1730	1420		ug/L		79	50 - 145	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 440-43745/4
Matrix: Water
Analysis Batch: 43745

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			08/07/12 21:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*08/07/12 21:06*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*08/07/12 21:06*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/07/12 21:06*	*1*

Lab Sample ID: LCS 440-43745/6
Matrix: Water
Analysis Batch: 43745

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	510		ug/L		102	55 - 130

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

Lab Sample ID: 440-19336-3 MS
Matrix: Water
Analysis Batch: 43745

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)	350		1730	1870		ug/L		88	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*109*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

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

Lab Sample ID: 440-19336-3 MSD
Matrix: Water
Analysis Batch: 43745

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)	350		1730	1810		ug/L		85	50 - 145	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*107*		*80 - 120*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 440-43787/4
Matrix: Water
Analysis Batch: 43787

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			08/08/12 09:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*08/08/12 09:09*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*08/08/12 09:09*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/08/12 09:09*	*1*

Lab Sample ID: LCS 440-43787/6
Matrix: Water
Analysis Batch: 43787

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	450		ug/L		90	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-19336-1 MS
Matrix: Water
Analysis Batch: 43787

Client Sample ID: MW-1R
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		4310	3770		ug/L		85	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: 440-19336-1 MSD
Matrix: Water
Analysis Batch: 43787

Client Sample ID: MW-1R
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		4310	3950		ug/L		89	50 - 145	5	20

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

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

Lab Sample ID: MB 440-43901/1-A
Matrix: Water
Analysis Batch: 44020

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 43901

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		08/08/12 11:24	08/08/12 21:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*59*		*45 - 120*	*08/08/12 11:24*	*08/08/12 21:53*	*1*

Lab Sample ID: LCS 440-43901/2-A
Matrix: Water
Analysis Batch: 44020

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 43901

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1000	618		ug/L		62	40 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*67*		*45 - 120*

Lab Sample ID: LCSD 440-43901/3-A
Matrix: Water
Analysis Batch: 44020

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 43901

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1000	594		ug/L		59	40 - 115	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane	*64*		*45 - 120*

GC/MS VOA

Analysis Batch: 43406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-2	MW-2R	Total/NA	Water	8260B	
440-19336-4	MW-2RC	Total/NA	Water	8260B	
440-19336-5	MW-3R	Total/NA	Water	8260B	
440-19336-6	MW-5B	Total/NA	Water	8260B	
440-19336-7	MW-5C	Total/NA	Water	8260B	
440-19336-8	MW-8	Total/NA	Water	8260B	
440-19336-9	MW-8B	Total/NA	Water	8260B	
440-19336-10	MW-11B	Total/NA	Water	8260B	
440-19336-11	MW-12	Total/NA	Water	8260B	
440-19336-12	MW-13	Total/NA	Water	8260B	
440-19336-13	MW-13B	Total/NA	Water	8260B	
440-19336-14	MW-13C	Total/NA	Water	8260B	
440-19336-15	MW-14B	Total/NA	Water	8260B	
440-19336-16	MW-14C	Total/NA	Water	8260B	
440-19336-16 MS	MW-14C	Total/NA	Water	8260B	
440-19336-16 MSD	MW-14C	Total/NA	Water	8260B	
LCS 440-43406/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-43406/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 43407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-2	MW-2R	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-5	MW-3R	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-8	MW-8	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-9	MW-8B	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-10	MW-11B	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-11	MW-12	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-12	MW-13	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-15	MW-14B	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-16	MW-14C	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-16 MS	MW-14C	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-16 MSD	MW-14C	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-43407/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-43407/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 43502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-4 - RA	MW-2RC	Total/NA	Water	8260B	
440-19336-4 MS	MW-2RC	Total/NA	Water	8260B	
440-19336-4 MSD	MW-2RC	Total/NA	Water	8260B	
440-19336-5 - RA	MW-3R	Total/NA	Water	8260B	
440-19336-6 - RA	MW-5B	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 43502 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-7 - RA	MW-5C	Total/NA	Water	8260B	
440-19336-8 - RA	MW-8	Total/NA	Water	8260B	
440-19336-9 - RA	MW-8B	Total/NA	Water	8260B	
440-19336-10 - RA	MW-11B	Total/NA	Water	8260B	
440-19336-11 - RA	MW-12	Total/NA	Water	8260B	
440-19336-12 - RA	MW-13	Total/NA	Water	8260B	
440-19336-13 - RA	MW-13B	Total/NA	Water	8260B	
440-19336-14 - RA	MW-13C	Total/NA	Water	8260B	
440-19336-15 - RA	MW-14B	Total/NA	Water	8260B	
LCS 440-43502/6	Lab Control Sample	Total/NA	Water	8260B	
MB 440-43502/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 43503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-4	MW-2RC	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-4 MS	MW-2RC	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-4 MSD	MW-2RC	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-6	MW-5B	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-7	MW-5C	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-13	MW-13B	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-14	MW-13C	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-43503/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-43503/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 43679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19281-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-19281-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-19336-16 - RA	MW-14C	Total/NA	Water	8260B	
LCS 440-43679/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-43679/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 43744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-3	MW-2RB	Total/NA	Water	8260B	
440-19336-3 MS	MW-2RB	Total/NA	Water	8260B	
440-19336-3 MSD	MW-2RB	Total/NA	Water	8260B	
LCS 440-43744/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-43744/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 43745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-3	MW-2RB	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-3 MS	MW-2RB	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 43745 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-3 MSD	MW-2RB	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-43745/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-43745/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 43786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-1	MW-1R	Total/NA	Water	8260B	
440-19336-1 MS	MW-1R	Total/NA	Water	8260B	
440-19336-1 MSD	MW-1R	Total/NA	Water	8260B	
LCS 440-43786/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-43786/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 43787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-1	MW-1R	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-1 MS	MW-1R	Total/NA	Water	8260B/CA_LUFT MS	
440-19336-1 MSD	MW-1R	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-43787/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-43787/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 44596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-2 - RA	MW-2R	Total/NA	Water	8260B	
440-19860-D-10 MS	Matrix Spike	Total/NA	Water	8260B	
440-19860-D-10 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-44596/4	Lab Control Sample	Total/NA	Water	8260B	
MB 440-44596/3	Method Blank	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 43901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-1	MW-1R	Silica Gel Cleanup	Water	3510C SGC	
440-19336-2	MW-2R	Silica Gel Cleanup	Water	3510C SGC	
440-19336-3	MW-2RB	Silica Gel Cleanup	Water	3510C SGC	
440-19336-4	MW-2RC	Silica Gel Cleanup	Water	3510C SGC	
440-19336-5	MW-3R	Silica Gel Cleanup	Water	3510C SGC	
440-19336-6	MW-5B	Silica Gel Cleanup	Water	3510C SGC	
440-19336-7	MW-5C	Silica Gel Cleanup	Water	3510C SGC	
440-19336-8	MW-8	Silica Gel Cleanup	Water	3510C SGC	
440-19336-9	MW-8B	Silica Gel Cleanup	Water	3510C SGC	
440-19336-10	MW-11B	Silica Gel Cleanup	Water	3510C SGC	
440-19336-11	MW-12	Silica Gel Cleanup	Water	3510C SGC	
440-19336-12	MW-13	Silica Gel Cleanup	Water	3510C SGC	
440-19336-13	MW-13B	Silica Gel Cleanup	Water	3510C SGC	
440-19336-14	MW-13C	Silica Gel Cleanup	Water	3510C SGC	

GC Semi VOA (Continued)

Prep Batch: 43901 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-15	MW-14B	Silica Gel Cleanup	Water	3510C SGC	
440-19336-16	MW-14C	Silica Gel Cleanup	Water	3510C SGC	
LCS 440-43901/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 440-43901/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 440-43901/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 44019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-14	MW-13C	Silica Gel Cleanup	Water	8015B	43901
440-19336-15	MW-14B	Silica Gel Cleanup	Water	8015B	43901
440-19336-16	MW-14C	Silica Gel Cleanup	Water	8015B	43901

Analysis Batch: 44020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-19336-1	MW-1R	Silica Gel Cleanup	Water	8015B	43901
440-19336-2	MW-2R	Silica Gel Cleanup	Water	8015B	43901
440-19336-3	MW-2RB	Silica Gel Cleanup	Water	8015B	43901
440-19336-4	MW-2RC	Silica Gel Cleanup	Water	8015B	43901
440-19336-5	MW-3R	Silica Gel Cleanup	Water	8015B	43901
440-19336-6	MW-5B	Silica Gel Cleanup	Water	8015B	43901
440-19336-7	MW-5C	Silica Gel Cleanup	Water	8015B	43901
440-19336-8	MW-8	Silica Gel Cleanup	Water	8015B	43901
440-19336-9	MW-8B	Silica Gel Cleanup	Water	8015B	43901
440-19336-10	MW-11B	Silica Gel Cleanup	Water	8015B	43901
440-19336-11	MW-12	Silica Gel Cleanup	Water	8015B	43901
440-19336-12	MW-13	Silica Gel Cleanup	Water	8015B	43901
440-19336-13	MW-13B	Silica Gel Cleanup	Water	8015B	43901
LCS 440-43901/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	43901
LCSD 440-43901/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	43901
MB 440-43901/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	43901

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside 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: 440-19336-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arizona	State Program	9	AZ0671	10-13-12
California	LA Cty Sanitation Districts	9	10256	01-31-13
California	NELAC	9	1108CA	01-31-13
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-23-13
Hawaii	State Program	9	N/A	01-31-13
Nevada	State Program	9	CA015312007A	07-31-12
New Mexico	State Program	6	N/A	01-31-12
Northern Mariana Islands	State Program	9	MP0002	01-31-13
Oregon	NELAC	10	4005	09-12-12
USDA	Federal		P330-09-00080	06-06-14

Shell Oil Products Chain Of Custody Record 440-19336

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: 8/2/12

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): WILLIAM WOMB / COREY KILPATRICK

LAB USE ONLY

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://cralabedduplod.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.

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

Run TPH-D with Silica Gel Clean Up

- ☑ 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

TEMPERATURE ON RECEIPT: 3.1°

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	120802-WW1	08 02 12	CK	MW-1R	1345	WG	3			2		5	X	X				X							
			CK	MW-2R	1200		3			2		5	X	X				X							
			WW	MW-2RS	1320		3			2		5	X	X				X							
			WW	MW-2RD	1545		3			2		5	X	X				X							
			CK	MW-3R	1215		3			2		5	X	X				X							
			CK	MW-5B	1315		3			2		5	X	X				X							
			CK	MW-5C	1400		3			2		5	X	X				X							
			CK	MW-8	1330		3			2		5	X	X				X							
			CK	MW-8B	1300		3			2		5	X	X				X							
			CK	MW-11B	1230		3			2		5	X	X				X							

Relinquished by: (Signature)	Received by: (Signature) SAMPLE RECEIVED WET ON ICE	Date: 8/2/12	Time: 1703
Relinquished by: (Signature)	Received by: (Signature)	Date: 8/3/12	Time: 1020
Relinquished by: (Signature) 8-3-12 16:00	Received by: (Signature)	Date: 08/04/12	Time: 09:50

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(R)

Shell Oil Products Chain Of Custody Record 440-19336

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: 8/2/12

PAGE: 2 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): WILLIAM WORD / COREY KILPATRICK

LAB USE ONLY

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

REQUESTED ANALYSIS

SPECIAL INSTRUCTIONS OR NOTES:
1) Please upload the "CRA EQuIS 4-file EDD" to the CRA Website (http://cralabedduploud.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.

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

Run TPH-D with Silica Gel Clean Up

- ☑ 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)

TEMPERATURE ON RECEIPT: 3.1 C

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	120802-MW1	080212	CK	MW-12	1245	WG	3			2		5	X	X				X							
				MW	MW-13	0915		3			2		5	X	X				X							
				MW	MW-3B	1240		3			2		5	X	X				X							
				MW	MW-13C	1220		3			2		5	X	X				X							
				MW	MW-14B	1100		3			2		5	X	X				X							
				MW	MW-14C	1150		3			2		5	X	X				X							

Relinquished by: (Signature)	Received by: (Signature) SAMPLE RECEIVED ON ICE	Date: 8/2/12	Time: 1703
Relinquished by: (Signature)	Received by: (Signature)	Date: 8/3/12	Time: 1020
Relinquished by: (Signature) 8-3-12 1610	Received by: (Signature)	Date: 08/04/12	Time: 09:50

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Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-19336-1

Login Number: 19336
List Number: 1
Creator: Chavez, Elizabeth

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.	N/A	
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	William Wong/Corey Rilpatick
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.	True	
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.	N/A	
Residual Chlorine Checked.	N/A	