CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: August 28, 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
3:46 pm, Aug 29, 2012
Alameda County
Environmental Health

Please find enclosed:
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- ☐ Prints
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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – Second 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 - SECOND 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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AUGUST 28, 2012
REF. NO. 240724 (9)
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TABLE OF CONTENTS

LIST OF FIGURES
(Following Text)

LIST OF TABLES
(Following Text)

LIST OF APPENDICES

1.0 INTRODUCTION

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

1.1 SITE INFORMATION

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

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

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

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

CRA prepared a vicinity map (Figure 1), shallow-zone, intermediate-zone, and 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	Southeasterly
Intermediate-Zone Groundwater Flow Direction	Easterly to southerly
Deeper-Zone Groundwater Flow Direction	Southeasterly
Shallow-Zone Hydraulic Gradient	0.05
Intermediate-Zone Hydraulic Gradient	0.07
Deeper-Zone Hydraulic Gradient	0.04
Depth to Water	22.25 to 35.62 feet below top of well casing

2.3 PROPOSED ACTIVITIES

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

2.4 DISCUSSION

CRA sampled all monitoring wells quarterly for one hydrologic cycle (1 year, through the second quarter of 2012) and, per State Water Resources Control Board Resolution 2009-0042 adopted May 19, 2009, we will implement a semiannual monitoring and reporting schedule at the site, with sampling conducted during the first and third quarters.

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

Peter Schaefer, CHG, CEG

Aubrey K. Cool, PG

FIGURES

02/08/2011

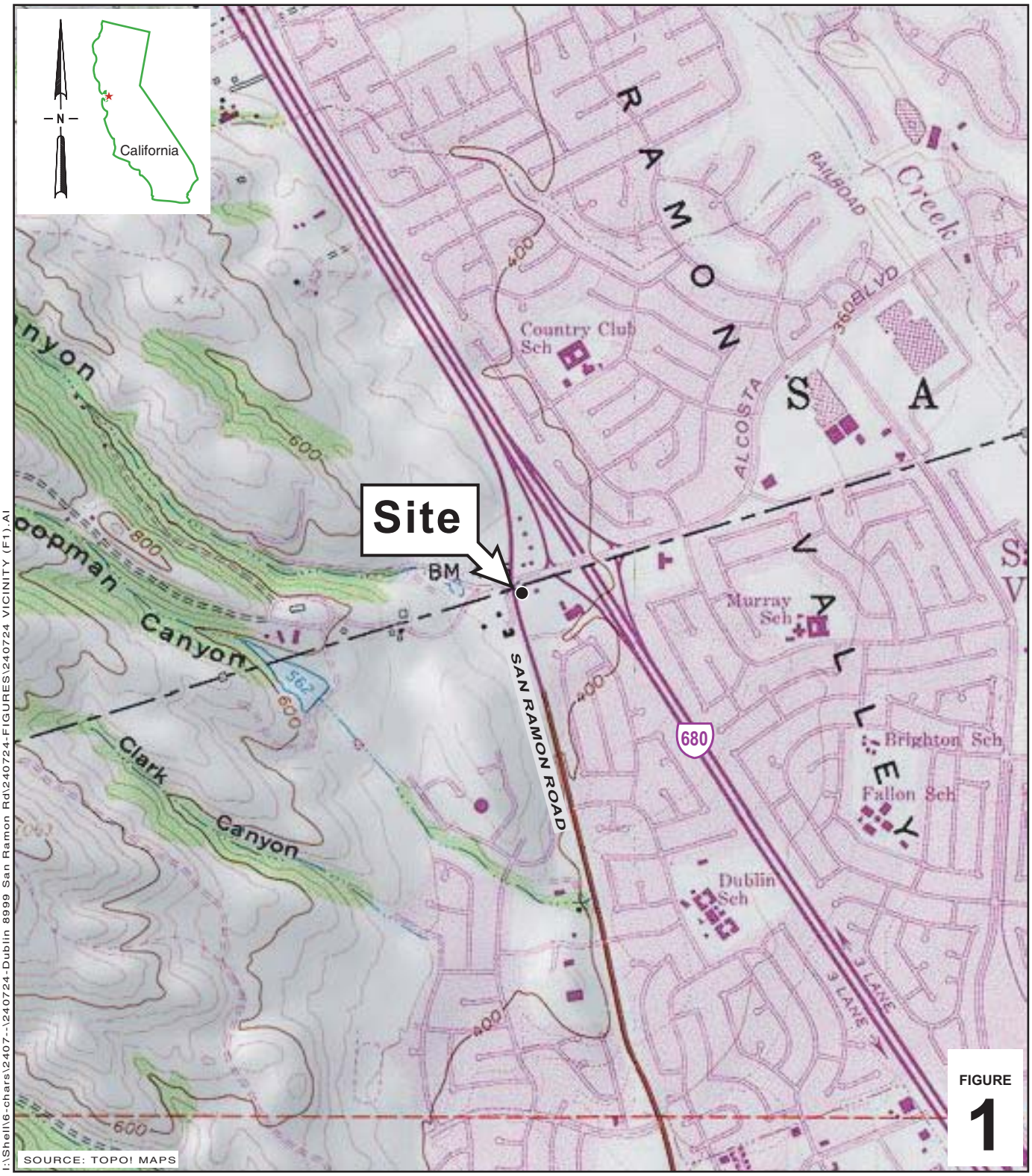

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FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

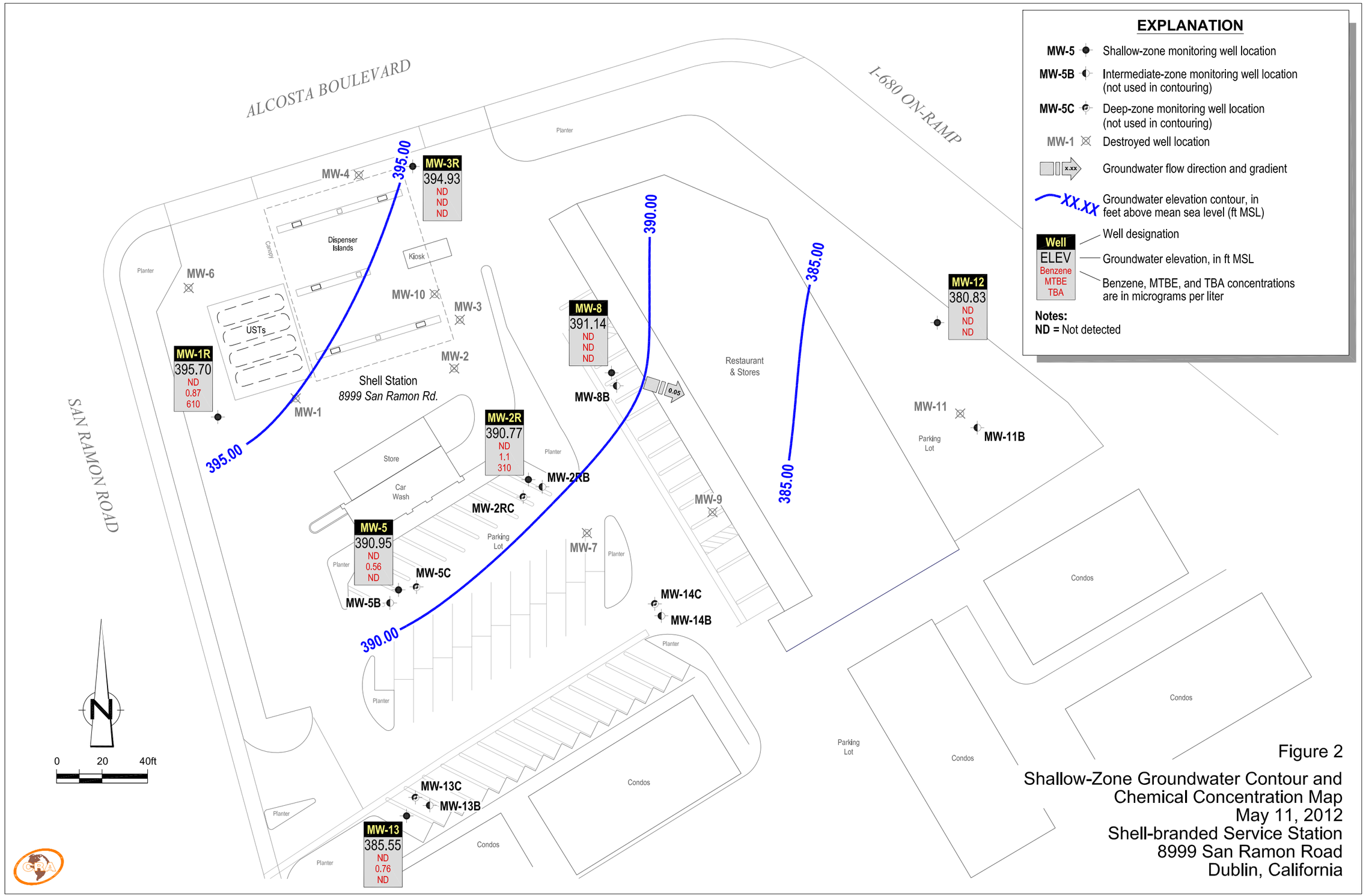
Shell-branded Service Station

8999 San Ramon Road

Dublin, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map



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

Figure 2

Shallow-Zone Groundwater Contour and Chemical Concentration Map
May 11, 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-RPT9-2Q12\240724 2QM12-GW (A ZONE).DWG (08/12/2012)

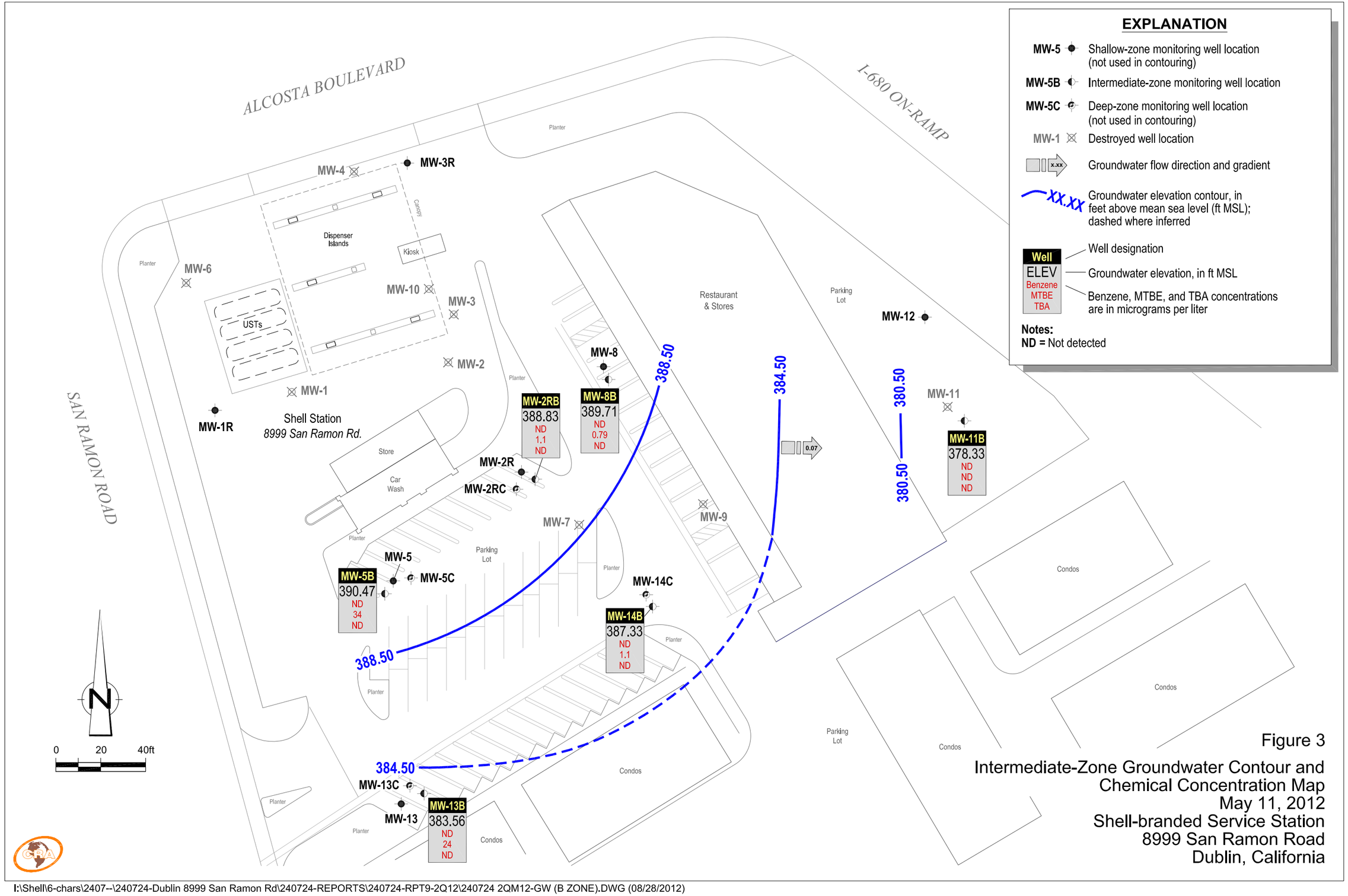


Figure 3

Intermediate-Zone Groundwater Contour and Chemical Concentration Map
May 11, 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-RPT9-2Q12\240724 2QM12-GW (B ZONE).DWG (08/28/2012)

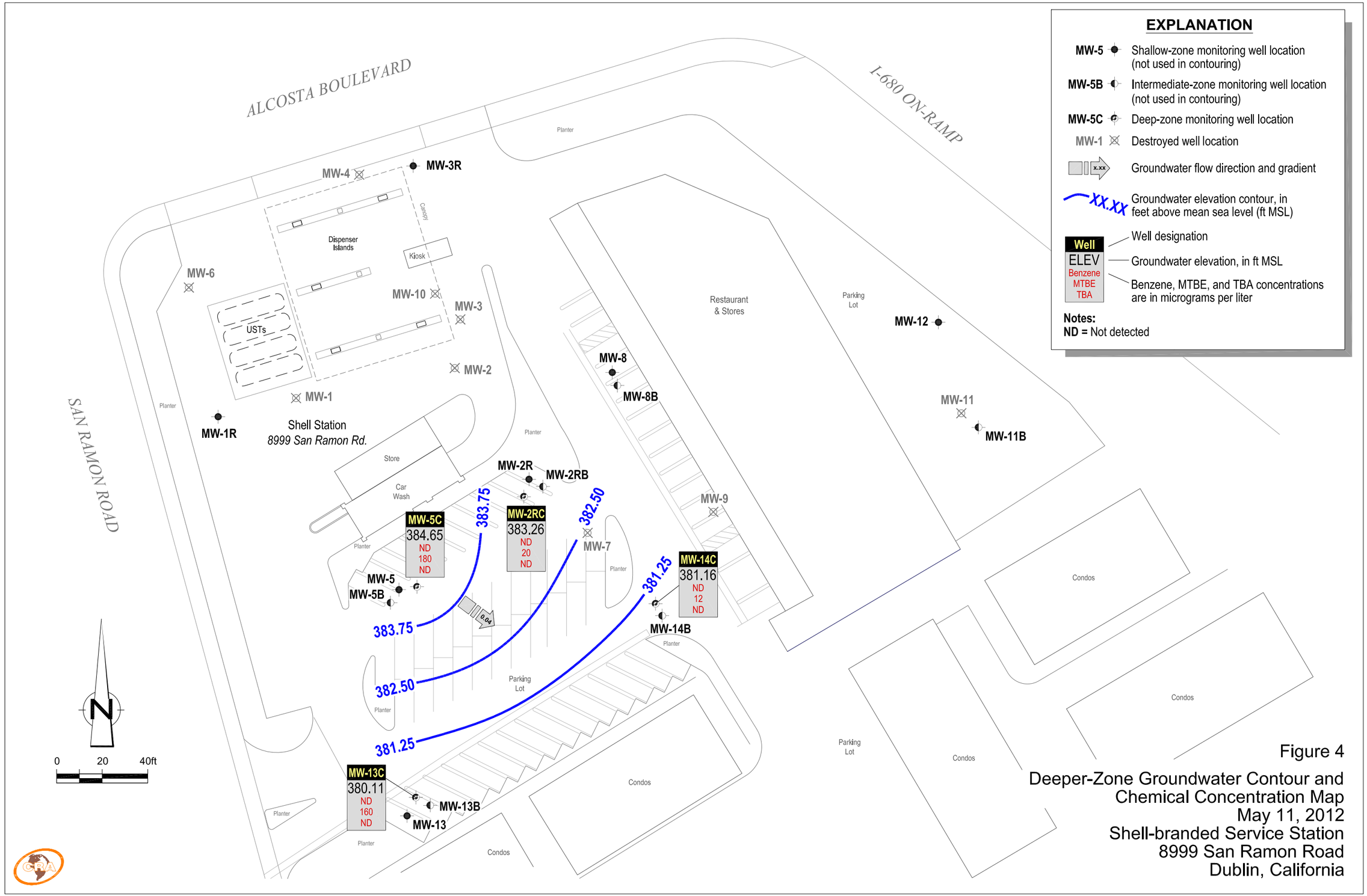


Figure 4

Deeper-Zone Groundwater Contour and Chemical Concentration Map
May 11, 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-RPT9-2Q12\240724 2QM12-GW (C ZONE).DWG (08/17/2012)

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-2	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	20.72	---
MW-2	05/19/2005	<50 a	<500	<5.0	<5.0	<5.0	<10	11	4,200	<20	<20	<20	418.88	21.26	397.62

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	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-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-2RC	05/11/2011	---	---	---	---	---	---	---	---	---	---	---	415.97	27.01	388.96
MW-2RC	05/13/2011	---	---	---	---	---	---	---	---	---	---	---	415.97	29.95	386.02

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	05/23/2011	<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-3	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	19.08	---
MW-3	05/19/2005	120 b	<50	<0.50	<0.50	<0.50	<1.0	40	6.5	<2.0	<2.0	<2.0	417.24	19.08	398.16
MW-3	08/15/2005	73 a	<50	<0.50	<0.50	<0.50	<1.0	34	<5.0	<2.0	<2.0	<2.0	417.24	22.20	395.04
MW-3	11/08/2005	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	01/30/2006	412 a	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	417.24	23.64	393.60
MW-3	05/19/2006	183	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	417.24	19.00	398.24
MW-3	08/24/2006	214	<50.0	<0.500	<0.500	<0.500	<0.500	3.11	661	<0.500	<0.500	<0.500	417.24	21.84	395.40
MW-3	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	06/05/2007	230	<50 c	<0.50	<1.0	<1.0	<1.0	0.38 d	<10	<2.0	<2.0	<2.0	417.24	23.80	393.44
MW-3	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	02/15/2008	Insufficient water		---	---	---	---	---	---	---	---	---	417.24	23.60	393.64
MW-3	05/15/2008	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---
MW-3R	03/11/2010	---	---	---	---	---	---	---	---	---	---	---	---	22.60	---
MW-3R	03/19/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	22.30	---
MW-3R	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	---	21.14	---
MW-3R	08/09/2010	<50	<50	4.7	<1.0	<1.0	1.2	<1.0	<10	<2.0	<2.0	<2.0	---	24.20	---
MW-3R	11/08/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	417.18	27.60	389.58
MW-3R	01/25/2011	<490	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	417.18	24.36	392.82
MW-3R	05/23/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	417.18	18.31	398.87
MW-3R	07/26/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	417.18	18.72	398.46

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	11/03/2011	---	---	---	---	---	---	---	---	---	---	---	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-4	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	19.77	---
MW-4	05/19/2005	59 b	97	0.66	<0.50	<0.50	<1.0	4.8	8.2	<2.0	<2.0	<2.0	420.52	19.85	400.67
MW-4	08/15/2005	<50 a	67	<0.50	<0.50	<0.50	<1.0	0.86	<5.0	<2.0	<2.0	<2.0	420.52	23.34	397.18
MW-4	11/08/2005	Well dry	---	---	---	---	---	---	---	---	---	---	420.52	---	---
MW-4	01/30/2006	112 a	<50.0	<0.500	<0.500	<0.500	<0.500	1.63	<10.0	<0.500	<0.500	<0.500	420.52	24.13	396.39
MW-4	05/19/2006	<46.9	<50.0	<0.500	<0.500	<0.500	<0.500	1.08	<10.0	<0.500	<0.500	<0.500	420.52	19.79	400.73
MW-4	08/24/2006	<47.2	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	78.3	<0.500	<0.500	<0.500	420.52	22.50	398.02
MW-4	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	420.52	---	---
MW-4	01/29/2007	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	420.52	25.82	394.70
MW-4	06/05/2007	120	62 c	<0.50	<1.0	<1.0	<1.0	1.4	<10	<2.0	<2.0	<2.0	420.52	24.32	396.20
MW-4	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.52	---	---
MW-4	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.52	---	---
MW-4	02/15/2008	<50	56 c	<0.50	<1.0	<1.0	<1.0	2.9	<10	<2.0	<2.0	<2.0	420.52	24.34	396.18
MW-4	05/15/2008	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---
MW-5	08/21/2006	---	---	---	---	---	---	---	---	---	---	---	416.88	25.25	391.63
MW-5	08/24/2006	108	<50.0	<0.500	<0.500	<0.500	<0.500	3.33	21.0	<0.500	<0.500	<0.500	416.88	25.70	391.18
MW-5	11/02/2006	---	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	416.88	28.00	388.88
MW-5	01/29/2007	66	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	416.88	27.80	389.08
MW-5	06/05/2007	2,200 b	<50 c	<0.50	<1.0	<1.0	<1.0	0.56 d	<10	<2.0	<2.0	<2.0	416.88	27.72	389.16
MW-5	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	11/30/2007	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	28.39	388.49
MW-5	02/15/2008	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	27.55	389.33
MW-5	05/27/2008	83	<50	<0.50	<1.0	<1.0	<1.0	4.3	<10	<2.0	<2.0	<2.0	416.88	26.68	390.20
MW-5	08/05/2008	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---

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	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-5B	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	417.66	29.74	387.92
MW-5B	02/15/2008	<50	110 b,c	<0.50	<1.0	<1.0	<1.0	1,700	250	<2.0	<2.0	<2.0	417.66	28.85	388.81
MW-5B	05/27/2008	<50	620	<2.5	<5.0	<5.0	<5.0	590	<50	<10	<10	<10	417.66	27.89	389.77
MW-5B	08/05/2008	140	470	<2.5	<5.0	<5.0	<5.0	430	<50	<10	<10	<10	417.66	32.21	385.45
MW-5B	11/17/2008	<50	1,100	<2.5	<5.0	<5.0	<5.0	830	<50	<10	<10	<10	417.66	35.25	382.41
MW-5B	02/05/2009	<50	1,100	<2.5	<5.0	<5.0	<5.0	1,000	<50	<10	<10	<10	417.66	34.94	382.72
MW-5B	05/07/2009	<50	680	<2.5	<5.0	<5.0	<5.0	780	<50	<10	<10	<10	417.66	28.58	389.08
MW-5B	08/20/2009	<50	800	<2.5	<5.0	<5.0	<5.0	840	<50	<10	<10	<10	417.66	32.66	385.00
MW-5B	11/10/2009	<50	790	<2.5	<5.0	<5.0	<5.0	750	<50	<10	<10	<10	417.66	34.64	383.02
MW-5B	02/15/2010	<50	710	<2.5	<5.0	<5.0	<5.0	730	<50	<10	<10	<10	417.66	30.20	387.46
MW-5B	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	417.66	27.39	390.27
MW-5B	05/07/2010	<50	230	<1.0	<2.0	<2.0	<2.0	330	<20	<4.0	<4.0	<4.0	417.66	26.13	391.53
MW-5B	08/09/2010	<50	310	<1.0	<2.0	<2.0	<2.0	360	<20	<4.0	<4.0	<4.0	417.66	30.31	387.35

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	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-5C	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	417.10	33.97	383.13
MW-5C	02/15/2008	<50	<50 c	<0.50	<1.0	<1.0	<1.0	360	97	<2.0	<2.0	<2.0	417.10	34.25	382.85
MW-5C	05/27/2008	<50	350	<2.5	<5.0	<5.0	<5.0	290	<50	<10	<10	<10	417.10	33.97	383.13
MW-5C	08/05/2008	<50	210	<1.0	<2.0	<2.0	<2.0	180	<20	<4.0	<4.0	<4.0	417.10	37.30	379.80
MW-5C	11/17/2008	<50	180	<1.0	<2.0	<2.0	<2.0	120	<20	<4.0	<4.0	<4.0	417.10	40.23	376.87
MW-5C	02/05/2009	<50	180	<1.0	<2.0	<2.0	<2.0	150	<20	<4.0	<4.0	<4.0	417.10	39.70	377.40
MW-5C	05/07/2009	<50	150	<1.0	<2.0	<2.0	<2.0	160	<20	<4.0	<4.0	<4.0	417.10	33.91	383.19
MW-5C	08/20/2009	<50	150	<1.0	<2.0	<2.0	<2.0	130	<20	<4.0	<4.0	<4.0	417.10	38.82	378.28
MW-5C	11/10/2009	<50	190	<1.0	<2.0	<2.0	<2.0	170	<20	<4.0	<4.0	<4.0	417.10	40.44	376.66
MW-5C	02/15/2010	<50	150	<0.50	<1.0	<1.0	<1.0	160	<10	<2.0	<2.0	<2.0	417.10	35.41	381.69
MW-5C	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	417.10	33.08	384.02
MW-5C	05/07/2010	<50	110	<0.50	<1.0	<1.0	<1.0	150	<10	<2.0	<2.0	<2.0	417.10	31.84	385.26
MW-5C	08/09/2010	<50	160	0.73	<1.0	<1.0	<1.0	190	<10	<2.0	<2.0	<2.0	417.10	35.79	381.31
MW-5C	11/08/2010	66 b	150	<0.50	<1.0	<1.0	<1.0	160	<10	<2.0	<2.0	<2.0	417.10	39.50	377.60
MW-5C	01/25/2011	<480	<50	<0.50	<0.50	<0.50	<1.0	83	91	<1.0	<1.0	<1.0	417.10	35.28	381.82
MW-5C	05/23/2011	<47	160 e	<0.50	<0.50	<0.50	<1.0	210	<10	<1.0	<1.0	<1.0	417.10	27.98	389.12
MW-5C	07/26/2011	110 i	210 e	<0.50	0.59	<0.50	1.7	190	14 f	<1.0	<1.0	<1.0	417.10	28.64	388.46
MW-5C	11/03/2011	---	---	---	---	---	---	---	---	---	---	---	417.10	36.92	380.18
MW-5C	11/04/2011	<47	170	<0.50	<0.50	<0.50	<1.0	200	<10	<1.0	<1.0	<1.0	417.10	---	---
MW-5C	01/26/2012	53	150	<0.50	0.54	0.82	6.0	160	<10	<0.50	<0.50	<0.50	417.10	37.77	379.33
MW-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**

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

Well ID	*Date*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*
MW-6	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
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

TABLE 1

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

Well ID	*Date*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*
MW-7	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
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

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

Well ID	*Date*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*
MW-8	11/04/2011	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-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
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-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

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

Well ID	*Date*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*
MW-9	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
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	---	---

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

Well ID	*Date*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*
MW-11	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	06/05/2007	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	02/15/2008	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	05/27/2008	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/05/2008	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/17/2008	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	02/05/2009	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	05/07/2009	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/20/2009	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/10/2009	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	02/15/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	03/19/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	05/07/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/09/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/08/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	01/25/2011	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	02/17/2011	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---
MW-11B	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	409.03	31.47	377.56
MW-11B	02/15/2008	<50	<50 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

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	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-12	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	411.18	31.10	380.08
MW-12	02/15/2008	<50	<50 c	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	31.22	379.96
MW-12	05/27/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	30.53	380.65
MW-12	08/05/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	33.29	377.89
MW-12	11/17/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	35.20	375.98
MW-12	02/05/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	35.12	376.06
MW-12	05/07/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	30.81	380.37
MW-12	08/20/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	34.21	376.97
MW-12	11/10/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	34.75	376.43
MW-12	02/15/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	31.99	379.19
MW-12	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	411.18	30.34	380.84
MW-12	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	28.58	382.60
MW-12	08/09/2010	<50	<50	6.0	<1.0	<1.0	1.2	<1.0	<10	<2.0	<2.0	<2.0	411.18	32.42	378.76
MW-12	11/08/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	35.18	376.00
MW-12	01/25/2011	<490	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	411.18	32.52	378.66
MW-12	05/23/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	411.18	27.10	384.08
MW-12	07/26/2011	<48	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	411.18	27.36	383.82
MW-12	11/03/2011	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	411.18	33.39	377.79
MW-12	01/26/2012	<47	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	411.18	34.30	376.88

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	**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-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-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-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-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**

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-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**

Notes:

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

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

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

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

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

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

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

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

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.

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)*

e = Hydrocarbon result partly due to individual peak(s) in quantitation range
f = Due to the low levels of analyte found in the sample, the analyte was qualitatively identified based on the presence of a single mass ion.
g = Sample received and analyzed without chemical preservation
h = Sample container contained headspace

Site wells surveyed May 10, 2005 by Mid Coast Engineers
Well MW-6 surveyed March 3, 2006 by Mid Coast Engineers
Wells MW-1R and MW3R surveyed March 22, 2010 by Mid Coast Engineers
Wells MW-1R, MW-2R, MW-2RB, MW-2RC, MW-13, MW-13B, MW-13C, MW-14B, and MW-14C surveyed April 28, 2011 by Virgil Chavez Land Surveying
Well MW-14C surveyed September 12, 2011 by Virgil Chavez Land Surveying

APPENDIX A

BLAINE TECH SERVICES, INC. – FIELD NOTES

WELL GAUGING DATA

Project # 120511-Rw1 Date 5/11/12 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	0700	4					25.71	39.75		
MW-2R	0733	2					25.05	45.31		
MW-2RB	0709	2					26.83	68.33		
MW-2RC	0714	2					32.71	106.20		
MW-3R	0706	4					22.25	34.74		
MW-5	0640	4					25.93	28.50		
MW-5B	0643	4					27.19	66.68		
MW-5C	0646	4					32.45	98.40		
MW-8	0658	4					23.40	28.80		
MW-8B	0651	4					25.10	68.50		
MW-11B	0657	4					30.70	38.22		
MW-12	0702	4					30.35	38.70		
MW-13	0643	2					30.22	44.83		
MW-13B	0727	2					31.85	68.37		
MW-13C	0646	2					35.62	95.25		
MW-14B	0720	2					26.00	68.40		
MW-14C	0723	2					31.94	100.50		

SHELL WELL MONITORING DATA SHEET

BTS #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: SK	Date: 5/11/12
Well I.D.: MW-1R	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 39.75	Depth to Water (DTW): 25.71
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.51	

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

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

9.1 (Gals.) X 3 = ~~18.3~~ 27.3 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
0955	67.4	6.56	664	132	9.1	
0957	68.3	6.56	699	374	18.2	
Well dewatered @				21 gal		DTW = 35.11
1210	70.7	6.79	793	232		

Did well dewater? (Yes) No Gallons actually evacuated: 21.0

Sampling Date: 5/11/12 Sampling Time: 1210 Depth to Water: 26.07

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: DW	Date: 5/11/12
Well I.D.: MW-2R	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 45.31	Depth to Water (DTW): 25.05
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 29.10	

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: _____

3.2 (Gals.) X 3 = 9.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1156	72.4	6.98	835.5	65	3.2	
1202	71.6	6.93	853.1	47	6.4	
1210	71.4	6.90	861.3	36	9.6	

Did well dewater? Yes (No) Gallons actually evacuated: 9.6

Sampling Date: 5/11/12 Sampling Time: 1300 Depth to Water: 24.91

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: DW	Date: 5/11/12
Well I.D.: MW-2RB	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 68.33	Depth to Water (DTW): 26.83
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 35.13	

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: ___

6.6 (Gals.) X	3	=	19.8 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1036	73.1	6.97	840.9	291	6.6	
1043	70.6	6.87	843.5	93	13.2	
1052	71.0	6.88	846.4	52	19.8	

Did well dewater? Yes (No) Gallons actually evacuated: 19.8

Sampling Date: 5/11/12 Sampling Time: 1100 Depth to Water: 28.91

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: DW	Date: 5/11/12
Well I.D.: MW-2RC	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 106.20	Depth to Water (DTW): 32.71
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 47.41	

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: _____

11.8 (Gals.) X 3 = 35.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1130	72.3	7.17	1210	68	11.8	
1138	well	dewatered	@ 18.0 gals			
1340	70.9	7.32	1191	52	Grab	

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

Sampling Date: 5/11/12 Sampling Time: 1340 Depth to Water: 88.52 (2nd)

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: SK	Date: 5/11/12
Well I.D.: MW-3R	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.74	Depth to Water (DTW): 22.25
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 24.75	

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

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

8.1 (Gals.) X 3 = 24.3 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
0722	67.1	7.51	561	729	8.1	
0726	67.2	6.80	509	193	16.2	
0728	67.1	6.79	621	155	24.3	

Did well dewater? Yes (No) Gallons actually evacuated: 24.3

Sampling Date: 5/11/12 Sampling Time: 0740 Depth to Water: 24.65

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: SK	Date: 5/11/12
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.50	Depth to Water (DTW): 25.93
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.44	

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

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

1.6 (Gals.) X 3 = 4.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0915	64.7	6.64	763	49	1.6	
well	dewatered @		1.6 gal		DTW = 27.60	
1225	72.0	6.84	763.7	71000	Grab	

Did well dewater? (Yes) No — Gallons actually evacuated: 1.6

Sampling Date: 5/11/12 — Sampling Time: 1225 — Depth to Water: 26.11

Sample I.D.: MW-5 — 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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: SK	Date: 5/11/12
Well I.D.: MW-5B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 66.68	Depth to Water (DTW): 27.19
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 35.08	

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

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

25.6 (Gals.) X 3 = 76.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0837	66.9	6.39	896	145	25.6	
0844	66.7	6.31	1030	126	51.2	
0851	66.4	6.31	1007	49	76.8	

Did well dewater? Yes (No) Gallons actually evacuated: 76.8

Sampling Date: 5/11/12 Sampling Time: 0910 Depth to Water: 34.91

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 #: 120511-0w1	Site: 8999 San Ramon Rd, Dublin
Sampler: SK	Date: 5/11/12
Well I.D.: MW-5C	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 98.40	Depth to Water (DTW): 32.45
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]: 45.64	

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: _____

42.8 (Gals.) X 3 = 128.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1017	69.3	6.55	629	493	42.8	
Well dewatered @ ~~50~~ 55 gal					~~85.6~~ SK	DTW = 92.50
1237	70.1	7.15	1233	60	Grab	

Did well dewater? (Yes) No — Gallons actually evacuated: 60.0

Sampling Date: 5/11/12 — Sampling Time: 1237 — Depth to Water: 34.90

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 #: 120511-Dw1	Site: 8999 San Ramon Rd, Dublin
Sampler: SK	Date: 5/11/12
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.80	Depth to Water (DTW): 23.40
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 24.48	

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

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

3.5 (Gals.) X 3 = 10.5 Gals.
1 Case Volume; Specified Volumes; Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1035	74.1	6.44	699	493	3.5	
Well	dewatered	@ 5.0	gal		DTW=	26.52
1225	74.5	7.01	756	376		

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

Sampling Date: 5/11/12 Sampling Time: 1225 Depth to Water: 23.66

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: SK	Date: 5/11/12
Well I.D.: MW-8B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 68.50	Depth to Water (DTW): 25.10
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.78	

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

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

28.2

~~28.25~~ (Gals.) X 3 = 84.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0928	66.2	7.01	640	28	28.2	
0936	67.1	6.59	706	23	56.4	
Well	dewatered	@	72	gal		DTW = 61.36
1045	72.2	6.83	711	25		

Did well dewater? (Yes) No Gallons actually evacuated: 72

Sampling Date: 5/11/12 Sampling Time: 1045 Depth to Water: 28.26

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: SK	Date: 5/11/12
Well I.D.: MW-11B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 38.22	Depth to Water (DTW): 30.70
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.20	

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

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

5.0 (Gals.) X 3 = 15.0 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0749	66.0	6.79	491	154	5.0	
0750	66.9	6.58	564	152	10.0	
0751	67.1	6.51	573	140	15.0	

Did well dewater? Yes (No) Gallons actually evacuated: 15.0

Sampling Date: 5/11/12 Sampling Time: 0755 Depth to Water: 31.80

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: SK	Date: 5/11/12
Well I.D.: MW-12	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 38.70	Depth to Water (DTW): 30.35
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]: 31.94	

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

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

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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0811	69.0	6.49	509	295	5.5	
0812	68.3	6.35	589	149	11.0	
0814	68.1	6.35	589	197	16.5	

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

Sampling Date: 5/11/12 Sampling Time: 08 20 Depth to Water: 31.64

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: DW	Date: 5/11/12
Well I.D.: MW-13	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 44.83	Depth to Water (DTW): 30.22
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]: 33.14	

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

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

2.3 (Gals.) X	3	= 6.9 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0935	68.8	6.84	995.7	71000	2.3	
0939	68.5	6.69	990.2	71000	4.6	
0943	68.8	6.66	985.5	71000	6.9	

Did well dewater? Yes (No) Gallons actually evacuated: 6.9

Sampling Date: 5/11/12 Sampling Time: 0948 Depth to Water: 30.57

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: SK	Date: 5/11/12
Well I.D.: MW-13B	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 68.37	Depth to Water (DTW): 31.83
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 39.14	

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

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

5.8 (Gals.) X 3 = 17.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1119	79.6	6.32	1175	583	5.8	
1125	74.4	6.25	1210	463	~~11.6~~ (11.6)	
1130	74.3	6.24	1231	420	17.4	

Did well dewater? Yes (No) Gallons actually evacuated: 17.4

Sampling Date: 5/11/12 Sampling Time: 1135 Depth to Water: 32.94

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: DW	Date: 5/11/12
Well I.D.: MW-13C	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 95.25	Depth to Water (DTW): 35.62
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 47.55	

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: ___

9.5 (Gals.) X 3 = 28.5 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
1008	70.9	7.09	1247	28	9.5	
1021	70.0	7.11	1251	154	19.0	
1033	70.2	7.14	1256	183	28.5	

Did well dewater? Yes (No) Gallons actually evacuated: 28.5

Sampling Date: 5/11/12 Sampling Time: 1105 Depth to Water: 40.70

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: DW	Date: 5/11/12
Well I.D.: MW-14B	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 68.40	Depth to Water (DTW): 26.00
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]: 34.48	

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: ___

6.8 (Gals.) X 3 = 20.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0855	66.3	7.04	859.8	68	6.8	
0904	66.8	7.00	854.0	29	13.6	
0914	66.5	6.98	854.2	20	20.4	

Did well dewater? Yes (No) Gallons actually evacuated: 20.4

Sampling Date: 5/11/12 Sampling Time: 0920 Depth to Water: 27.57

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 #: 120511-DW1	Site: 8999 San Ramon Rd, Dublin
Sampler: DW	Date: 5/11/12
Well I.D.: MW-14C	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 100.50	Depth to Water (DTW): 31.94
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]: 45.65	

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: ___

11.0 (Gals.) X 3 = 33.0 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
0750	66.8	6.97	1219	46	11.0	
0805	67.4	7.01	1219	34	22.0	
0821	67.7	7.00	1221	24	33.0	

Did well dewater? Yes (No) Gallons actually evacuated: 33.0

Sampling Date: 5/11/12 Sampling Time: 0828 Depth to Water: 39.81

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 # 94565995

ADDRESS 8999 San Ramon Rd., Dublin

DATE: 5/11/12

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-1R	Standpipe	Flush	G	P	Size (inch) 12		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-2R	Standpipe	Flush	G	P	Size (inch) 8		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-2RB	Standpipe	Flush	G	P	Size (inch) 8		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-2RC	Standpipe	Flush	G	P	Size (inch) 8		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-3R	Standpipe	Flush	G	P	Size (inch) 12		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-5	Standpipe	Flush	G	P	Size (inch) 8		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-5B	Standpipe	Flush	G	P	Size (inch) 12		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-5C	Standpipe	Flush	G	P	Size (inch) 12		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-8	Standpipe	Flush	G	P	Size (inch) 12		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-8B	Standpipe	Flush	G	P	Size (inch) 12		Y	N	G	R	G	R	NL	G	P		Y	N	
MW-11B	Standpipe	Flush	G	P	Size (inch) 12		Y	N	G	R	G	R	NL	G	P		Y	N	
TOTAL # CAPS REPLACED = 0											TOTAL # OF LOCKS REPLACED = 0								

Condition of Soil Boring Patches or Abandoned Monitoring Wells:	G	P	N/A	If POOR, Borings/Well IDs or Location Description:	Photos of Condition		Repair Date and PM Initials
					Y	N	

Remediation Compound Type (Check boxes that apply)		Condition of Enclosure			Condition of Area Inside Enclosure			Compound Security			Emergency Contact Info Visible			Cleaning / Repairs Recommended and Conducted	Photos of Condition		Repair Date and PM Initials
NA	X	G	P	N/A	G	P	N/A	G	P	N/A	Y	N	N/A		Y	N	
Building																	
Building w/ Fence Comp.																	
Fenced Compound																	
Trailer																	

Number of Drums On-site	Does the Label Reveal the Source of the Contents			Labeled Correctly and Writing Legible			Drum Condition			Confirm Drums Related to Environmental		Drums Located to Min Business Interference			Detailed Explanation of Any Issues Resolved	Photos of Drum Condition		Date Drums Removed from Site and PM Initials
0	Y	N	N/A	Y	N	N/A	G	P	N/A	Y	N	Y	N	N/A		Y	N	

G = Good (Acceptable) R = Replaced

P = Poor (needs attention) NL = No Lock Required

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

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

Version 2.4, March 2008

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

Daniel Allen, BTS

Print or type Name of Field Personnel & Consultant Company

INCIDENT # 97565995

ADDRESS 8997 San Ramon Rd

DATE: 5/11/12

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		Y	N	
MW-13B	Standpipe	Flush	G	P	Size (inch) 5		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 = 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	

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 & PM Initials
NA	X	G	P	N/A	G	P	N/A	G	P	N/A	Y	N	N/A		Y	N	
Building																	
Building w/ Fence Comp.																	
Fenced Compound																	
Trailer																	

Number of Drums On-site	Does the Label Reveal the Source of the Contents			Labeled Correctly and Writing Legible			Drum Condition			Confirm Drums Related to Environmental		Drums Located to Min Business Interference			Detailed Explanation of Any Issues Resolved	Photos of Drum Condition		Date Drums Removed from Site and PM Initials
0	Y	N	N/A	Y	N	N/A	G	P	N/A	Y	N	Y	N	N/A		Y	N	

G = Good (Acceptable) R = Replaced

P = Poor (needs attention) NL = No Lock Required

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

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

Version 2.4, March 2008

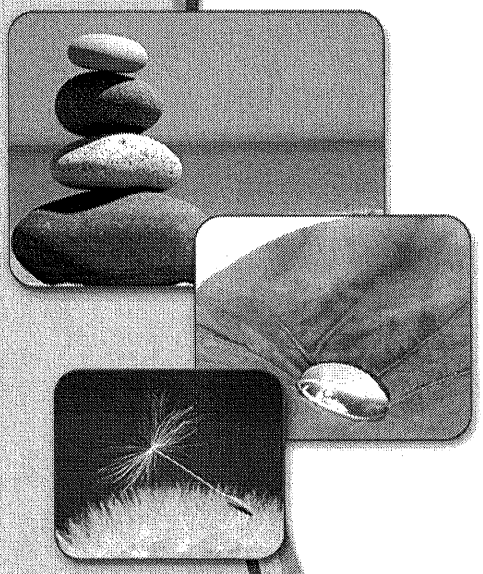
All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

Daniel Allen, BTS

Print or type Name of Field Personnel & Consultant Company

APPENDIX B

TESTAMERICA LABORATORIES, INC. - ANALYTICAL REPORT



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 440-11586-1
Client Project/Site: 8999 San Ramon Rd., Dublin, CA

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

Attn: Peter Schaefrer

Philip Sanelle

Authorized for release by:
5/30/2012 3:06:34 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: 440-11586-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-11586-1	MW-1R	Water	05/11/12 12:10	05/12/12 10:10
440-11586-2	MW-2R	Water	05/11/12 13:00	05/12/12 10:10
440-11586-3	MW-2RC	Water	05/11/12 13:40	05/12/12 10:10
440-11586-4	MW-3R	Water	05/11/12 07:40	05/12/12 10:10
440-11586-5	MW-5	Water	05/11/12 12:25	05/12/12 10:10
440-11586-6	MW-5B	Water	05/11/12 09:10	05/12/12 10:10
440-11586-7	MW-5C	Water	05/11/12 12:37	05/12/12 10:10
440-11586-8	MW-8	Water	05/11/12 12:25	05/12/12 10:10
440-11586-9	MW-8B	Water	05/11/12 10:45	05/12/12 10:10
440-11586-10	MW-11B	Water	05/11/12 07:55	05/12/12 10:10
440-11586-11	MW-12	Water	05/11/12 08:20	05/12/12 10:10
440-11586-12	MW-13	Water	05/11/12 09:48	05/12/12 10:10
440-11586-13	MW-13B	Water	05/11/12 11:35	05/12/12 10:10
440-11586-14	MW-13C	Water	05/11/12 11:05	05/12/12 10:10
440-11586-15	MW-14B	Water	05/11/12 09:20	05/12/12 10:10
440-11586-16	MW-14C	Water	05/11/12 08:28	05/12/12 10:10
440-11586-17	MW-2RB	Water	05/11/12 11:00	05/12/12 10:10

Client Sample ID: MW-1R

Lab Sample ID: 440-11586-1
Matrix: Water

Date Collected: 05/11/12 12:10
Date Received: 05/12/12 10:10

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			05/17/12 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*86*		*80 - 120*		*05/17/12 15:44*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*05/17/12 15:44*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/17/12 15:44*	*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			05/17/12 15:44	1
Toluene	ND		0.50		ug/L			05/17/12 15:44	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 15:44	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 15:44	1
Methyl-t-Butyl Ether (MTBE)	0.87		0.50		ug/L			05/17/12 15:44	1
tert-Butyl alcohol (TBA)	610		10		ug/L			05/17/12 15:44	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 15:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 15:44	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*05/17/12 15:44*	*1*
Dibromofluoromethane (Surr)	*86*		*80 - 120*		*05/17/12 15:44*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/17/12 15:44*	*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]	140		49		ug/L		05/17/12 12:10	05/18/12 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*78*		*45 - 120*	*05/17/12 12:10*	*05/18/12 00:00*	*1*

Client Sample ID: MW-2R

Lab Sample ID: 440-11586-2
Matrix: Water

Date Collected: 05/11/12 13:00
Date Received: 05/12/12 10:10

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)	1200		50		ug/L			05/16/12 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*05/16/12 22:06*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*05/16/12 22:06*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/16/12 22:06*	*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			05/16/12 22:06	1
Toluene	ND		0.50		ug/L			05/16/12 22:06	1
Ethylbenzene	ND		0.50		ug/L			05/16/12 22:06	1
Xylenes, Total	ND		1.0		ug/L			05/16/12 22:06	1
Methyl-t-Butyl Ether (MTBE)	1.1		0.50		ug/L			05/16/12 22:06	1
tert-Butyl alcohol (TBA)	310		10		ug/L			05/16/12 22:06	1

Client Sample ID: MW-2R

Lab Sample ID: 440-11586-2
Matrix: Water

Date Collected: 05/11/12 13:00
Date Received: 05/12/12 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/16/12 22:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/16/12 22:06	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/16/12 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*05/16/12 22:06*	*1*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*05/16/12 22:06*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/16/12 22:06*	*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]	64		48		ug/L		05/17/12 12:10	05/18/12 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*75*		*45 - 120*	*05/17/12 12:10*	*05/18/12 00:20*	*1*

Client Sample ID: MW-2RC

Lab Sample ID: 440-11586-3
Matrix: Water

Date Collected: 05/11/12 13:40
Date Received: 05/12/12 10:10

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			05/16/12 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*05/16/12 23:59*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*05/16/12 23:59*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/16/12 23:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			05/16/12 23:59	1
Toluene	ND		0.50		ug/L			05/16/12 23:59	1
Ethylbenzene	ND		0.50		ug/L			05/16/12 23:59	1
Xylenes, Total	ND		1.0		ug/L			05/16/12 23:59	1
Methyl-t-Butyl Ether (MTBE)	20		0.50		ug/L			05/16/12 23:59	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/16/12 23:59	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/16/12 23:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/16/12 23:59	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/16/12 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*05/16/12 23:59*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*05/16/12 23:59*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/16/12 23:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		47		ug/L		05/17/12 12:10	05/18/12 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*83*		*45 - 120*	*05/17/12 12:10*	*05/18/12 00:40*	*1*

Client Sample ID: MW-3R

Lab Sample ID: 440-11586-4
Matrix: Water

Date Collected: 05/11/12 07:40
Date Received: 05/12/12 10:10

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			05/17/12 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*05/17/12 00:27*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/17/12 00:27*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/17/12 00:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			05/17/12 00:27	1
Toluene	ND		0.50		ug/L			05/17/12 00:27	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 00:27	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 00:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			05/17/12 00:27	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 00:27	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 00:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 00:27	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/17/12 00:27*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*05/17/12 00:27*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/17/12 00:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	55		48		ug/L		05/17/12 12:10	05/18/12 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*84*		*45 - 120*	*05/17/12 12:10*	*05/18/12 01:41*	*1*

Client Sample ID: MW-5

Lab Sample ID: 440-11586-5
Matrix: Water

Date Collected: 05/11/12 12:25
Date Received: 05/12/12 10:10

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			05/17/12 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*05/17/12 00:56*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/17/12 00:56*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/17/12 00:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			05/17/12 00:56	1
Toluene	ND		0.50		ug/L			05/17/12 00:56	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 00:56	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 00:56	1
Methyl-t-Butyl Ether (MTBE)	0.56		0.50		ug/L			05/17/12 00:56	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 00:56	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 00:56	1

Client Sample ID: MW-5

Lab Sample ID: 440-11586-5
Matrix: Water

Date Collected: 05/11/12 12:25
Date Received: 05/12/12 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 00:56	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/17/12 00:56*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*05/17/12 00:56*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/17/12 00:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	65		48		ug/L		05/17/12 12:10	05/18/12 02:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*83*		*45 - 120*	*05/17/12 12:10*	*05/18/12 02:01*	*1*

Client Sample ID: MW-5B

Lab Sample ID: 440-11586-6
Matrix: Water

Date Collected: 05/11/12 09:10
Date Received: 05/12/12 10:10

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			05/17/12 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*05/17/12 16:11*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*05/17/12 16:11*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/17/12 16:11*	*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			05/17/12 16:11	1
Toluene	ND		0.50		ug/L			05/17/12 16:11	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 16:11	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 16:11	1
Methyl-t-Butyl Ether (MTBE)	34		0.50		ug/L			05/17/12 16:11	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 16:11	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 16:11	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 16:11	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*05/17/12 16:11*	*1*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*05/17/12 16:11*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/17/12 16:11*	*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]	81		47		ug/L		05/17/12 12:10	05/18/12 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*67*		*45 - 120*	*05/17/12 12:10*	*05/18/12 01:00*	*1*

Client Sample ID: MW-5C

Lab Sample ID: 440-11586-7
Matrix: Water

Date Collected: 05/11/12 12:37
Date Received: 05/12/12 10:10

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)	120		50		ug/L			05/17/12 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*80 - 120*		*05/17/12 16:39*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*05/17/12 16:39*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*05/17/12 16:39*	*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			05/17/12 16:39	1
Toluene	ND		0.50		ug/L			05/17/12 16:39	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 16:39	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 16:39	1
Methyl-t-Butyl Ether (MTBE)	180		0.50		ug/L			05/17/12 16:39	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 16:39	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 16:39	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 16:39	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*05/17/12 16:39*	*1*
Dibromofluoromethane (Surr)	*92*		*80 - 120*		*05/17/12 16:39*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*05/17/12 16:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		48		ug/L		05/17/12 12:10	05/18/12 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*77*		*45 - 120*	*05/17/12 12:10*	*05/18/12 01:21*	*1*

Client Sample ID: MW-8

Lab Sample ID: 440-11586-8
Matrix: Water

Date Collected: 05/11/12 12:25
Date Received: 05/12/12 10:10

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			05/17/12 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*05/17/12 02:21*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/17/12 02:21*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/17/12 02:21*	*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			05/17/12 02:21	1
Toluene	ND		0.50		ug/L			05/17/12 02:21	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 02:21	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 02:21	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			05/17/12 02:21	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 02:21	1

Client Sample ID: MW-8

Lab Sample ID: 440-11586-8
Matrix: Water
Date Collected: 05/11/12 12:25
Date Received: 05/12/12 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 02:21	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 02:21	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/17/12 02:21*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*05/17/12 02:21*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/17/12 02:21*	*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]	170		48		ug/L		05/17/12 12:10	05/18/12 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*79*		*45 - 120*	*05/17/12 12:10*	*05/18/12 02:21*	*1*

Client Sample ID: MW-8B

Lab Sample ID: 440-11586-9
Matrix: Water
Date Collected: 05/11/12 10:45
Date Received: 05/12/12 10:10

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			05/17/12 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*80 - 120*		*05/17/12 02:49*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/17/12 02:49*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/17/12 02:49*	*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			05/17/12 02:49	1
Toluene	ND		0.50		ug/L			05/17/12 02:49	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 02:49	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 02:49	1
Methyl-t-Butyl Ether (MTBE)	0.79		0.50		ug/L			05/17/12 02:49	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 02:49	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 02:49	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 02:49	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/17/12 02:49*	*1*
Dibromofluoromethane (Surr)	*113*		*80 - 120*		*05/17/12 02:49*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/17/12 02:49*	*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		05/17/12 12:10	05/18/12 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*77*		*45 - 120*	*05/17/12 12:10*	*05/18/12 03:22*	*1*

Client Sample ID: MW-11B

Lab Sample ID: 440-11586-10
Matrix: Water

Date Collected: 05/11/12 07:55
Date Received: 05/12/12 10:10

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			05/17/12 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*05/17/12 03:18*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/17/12 03:18*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/17/12 03:18*	*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			05/17/12 03:18	1
Toluene	ND		0.50		ug/L			05/17/12 03:18	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 03:18	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 03:18	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			05/17/12 03:18	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 03:18	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 03:18	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 03:18	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/17/12 03:18*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*05/17/12 03:18*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/17/12 03:18*	*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]	77		47		ug/L		05/17/12 12:10	05/18/12 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*80*		*45 - 120*	*05/17/12 12:10*	*05/18/12 03:42*	*1*

Client Sample ID: MW-12

Lab Sample ID: 440-11586-11
Matrix: Water

Date Collected: 05/11/12 08:20
Date Received: 05/12/12 10:10

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			05/17/12 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*05/17/12 03:46*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*05/17/12 03:46*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/17/12 03:46*	*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			05/17/12 03:46	1
Toluene	ND		0.50		ug/L			05/17/12 03:46	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 03:46	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 03:46	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			05/17/12 03:46	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 03:46	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 03:46	1

Client Sample ID: MW-12

Lab Sample ID: 440-11586-11
Matrix: Water
Date Collected: 05/11/12 08:20
Date Received: 05/12/12 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 03:46	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*05/17/12 03:46*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*05/17/12 03:46*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/17/12 03:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		47		ug/L		05/17/12 12:10	05/18/12 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*76*		*45 - 120*	*05/17/12 12:10*	*05/18/12 05:23*	*1*

Client Sample ID: MW-13

Lab Sample ID: 440-11586-12
Matrix: Water
Date Collected: 05/11/12 09:48
Date Received: 05/12/12 10:10

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			05/17/12 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*05/17/12 04:15*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*05/17/12 04:15*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/17/12 04:15*	*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			05/17/12 04:15	1
Toluene	ND		0.50		ug/L			05/17/12 04:15	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 04:15	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 04:15	1
Methyl-t-Butyl Ether (MTBE)	0.76		0.50		ug/L			05/17/12 04:15	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 04:15	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 04:15	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 04:15	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*05/17/12 04:15*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*05/17/12 04:15*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/17/12 04:15*	*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]	ND		47		ug/L		05/17/12 12:10	05/18/12 04:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*81*		*45 - 120*	*05/17/12 12:10*	*05/18/12 04:02*	*1*

Client Sample ID: MW-13B

Lab Sample ID: 440-11586-13
Matrix: Water

Date Collected: 05/11/12 11:35
Date Received: 05/12/12 10:10

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			05/17/12 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*05/17/12 04:31*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*05/17/12 04:31*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/17/12 04:31*	*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			05/17/12 04:31	1
Toluene	ND		0.50		ug/L			05/17/12 04:31	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 04:31	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 04:31	1
Methyl-t-Butyl Ether (MTBE)	24		0.50		ug/L			05/17/12 04:31	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 04:31	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 04:31	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 04:31	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*05/17/12 04:31*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*05/17/12 04:31*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/17/12 04:31*	*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]	320		47		ug/L		05/17/12 12:10	05/18/12 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*77*		*45 - 120*	*05/17/12 12:10*	*05/18/12 06:04*	*1*

Client Sample ID: MW-13C

Lab Sample ID: 440-11586-14
Matrix: Water

Date Collected: 05/11/12 11:05
Date Received: 05/12/12 10:10

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			05/17/12 04:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*80 - 120*		*05/17/12 04:58*	*1*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*05/17/12 04:58*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*05/17/12 04:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			05/17/12 04:58	1
Toluene	ND		0.50		ug/L			05/17/12 04:58	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 04:58	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 04:58	1
Methyl-t-Butyl Ether (MTBE)	160		0.50		ug/L			05/17/12 04:58	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 04:58	1

Client Sample ID: MW-13C

Lab Sample ID: 440-11586-14
Matrix: Water

Date Collected: 05/11/12 11:05
Date Received: 05/12/12 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 04:58	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 04:58	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 04:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*05/17/12 04:58*	*1*
Dibromofluoromethane (Surr)	*115*		*80 - 120*		*05/17/12 04:58*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*05/17/12 04:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1000		47		ug/L		05/17/12 12:10	05/18/12 06:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*74*		*45 - 120*	*05/17/12 12:10*	*05/18/12 06:24*	*1*

Client Sample ID: MW-14B

Lab Sample ID: 440-11586-15
Matrix: Water

Date Collected: 05/11/12 09:20
Date Received: 05/12/12 10:10

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			05/17/12 05:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*05/17/12 05:26*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*05/17/12 05:26*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/17/12 05:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			05/17/12 05:26	1
Toluene	ND		0.50		ug/L			05/17/12 05:26	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 05:26	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 05:26	1
Methyl-t-Butyl Ether (MTBE)	1.1		0.50		ug/L			05/17/12 05:26	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 05:26	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 05:26	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 05:26	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 05:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*05/17/12 05:26*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*05/17/12 05:26*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/17/12 05:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	63		47		ug/L		05/17/12 12:10	05/18/12 06:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*78*		*45 - 120*	*05/17/12 12:10*	*05/18/12 06:44*	*1*

Client Sample ID: MW-14C

Lab Sample ID: 440-11586-16
Matrix: Water

Date Collected: 05/11/12 08:28
Date Received: 05/12/12 10:10

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			05/17/12 05:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*05/17/12 05:53*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*05/17/12 05:53*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/17/12 05:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			05/17/12 05:53	1
Toluene	ND		0.50		ug/L			05/17/12 05:53	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 05:53	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 05:53	1
Methyl-t-Butyl Ether (MTBE)	12		0.50		ug/L			05/17/12 05:53	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 05:53	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 05:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 05:53	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 05:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*05/17/12 05:53*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*05/17/12 05:53*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/17/12 05:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	85		47		ug/L		05/17/12 12:10	05/18/12 05:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*76*		*45 - 120*	*05/17/12 12:10*	*05/18/12 05:43*	*1*

Client Sample ID: MW-2RB

Lab Sample ID: 440-11586-17
Matrix: Water

Date Collected: 05/11/12 11:00
Date Received: 05/12/12 10:10

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)	490		50		ug/L			05/17/12 06:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*80 - 120*		*05/17/12 06:20*	*1*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*05/17/12 06:20*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/17/12 06:20*	*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			05/17/12 06:20	1
Toluene	ND		0.50		ug/L			05/17/12 06:20	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 06:20	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 06:20	1
Methyl-t-Butyl Ether (MTBE)	1.1		0.50		ug/L			05/17/12 06:20	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 06:20	1

Client Sample ID: MW-2RB
Date Collected: 05/11/12 11:00
Date Received: 05/12/12 10:10

Lab Sample ID: 440-11586-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 06:20	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 06:20	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 06:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*05/17/12 06:20*	*1*
Dibromofluoromethane (Surr)	*115*		*80 - 120*		*05/17/12 06:20*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/17/12 06:20*	*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		05/17/12 12:10	05/18/12 07:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*78*		*45 - 120*	*05/17/12 12:10*	*05/18/12 07:04*	*1*

Lab Chronicle

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

TestAmerica Job ID: 440-11586-1

Client Sample ID: MW-1R

Lab Sample ID: 440-11586-1

Date Collected: 05/11/12 12:10
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26695	05/17/12 15:44	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26696	05/17/12 15:44	WC	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 00:00	ES	TAL IRV

Client Sample ID: MW-2R

Lab Sample ID: 440-11586-2

Date Collected: 05/11/12 13:00
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26599	05/16/12 22:06	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26600	05/16/12 22:06	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 00:20	ES	TAL IRV

Client Sample ID: MW-2RC

Lab Sample ID: 440-11586-3

Date Collected: 05/11/12 13:40
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26599	05/16/12 23:59	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26600	05/16/12 23:59	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 00:40	ES	TAL IRV

Client Sample ID: MW-3R

Lab Sample ID: 440-11586-4

Date Collected: 05/11/12 07:40
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26599	05/17/12 00:27	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26600	05/17/12 00:27	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 01:41	ES	TAL IRV

Client Sample ID: MW-5

Lab Sample ID: 440-11586-5

Date Collected: 05/11/12 12:25
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26599	05/17/12 00:56	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26600	05/17/12 00:56	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV

Lab Chronicle

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

TestAmerica Job ID: 440-11586-1

Client Sample ID: MW-5

Lab Sample ID: 440-11586-5

Date Collected: 05/11/12 12:25
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 02:01	ES	TAL IRV

Client Sample ID: MW-5B

Lab Sample ID: 440-11586-6

Date Collected: 05/11/12 09:10
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26695	05/17/12 16:11	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26696	05/17/12 16:11	WC	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 01:00	ES	TAL IRV

Client Sample ID: MW-5C

Lab Sample ID: 440-11586-7

Date Collected: 05/11/12 12:37
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26695	05/17/12 16:39	WC	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26696	05/17/12 16:39	WC	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 01:21	ES	TAL IRV

Client Sample ID: MW-8

Lab Sample ID: 440-11586-8

Date Collected: 05/11/12 12:25
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26599	05/17/12 02:21	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26600	05/17/12 02:21	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 02:21	ES	TAL IRV

Client Sample ID: MW-8B

Lab Sample ID: 440-11586-9

Date Collected: 05/11/12 10:45
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26599	05/17/12 02:49	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26600	05/17/12 02:49	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 03:22	ES	TAL IRV

Lab Chronicle

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

TestAmerica Job ID: 440-11586-1

Client Sample ID: MW-11B

Lab Sample ID: 440-11586-10
Matrix: Water

Date Collected: 05/11/12 07:55
Date Received: 05/12/12 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26599	05/17/12 03:18	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26600	05/17/12 03:18	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 03:42	ES	TAL IRV

Client Sample ID: MW-12

Lab Sample ID: 440-11586-11
Matrix: Water

Date Collected: 05/11/12 08:20
Date Received: 05/12/12 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26599	05/17/12 03:46	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26600	05/17/12 03:46	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 05:23	ES	TAL IRV

Client Sample ID: MW-13

Lab Sample ID: 440-11586-12
Matrix: Water

Date Collected: 05/11/12 09:48
Date Received: 05/12/12 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26599	05/17/12 04:15	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26600	05/17/12 04:15	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 04:02	ES	TAL IRV

Client Sample ID: MW-13B

Lab Sample ID: 440-11586-13
Matrix: Water

Date Collected: 05/11/12 11:35
Date Received: 05/12/12 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26578	05/17/12 04:31	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26579	05/17/12 04:31	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 06:04	ES	TAL IRV

Client Sample ID: MW-13C

Lab Sample ID: 440-11586-14
Matrix: Water

Date Collected: 05/11/12 11:05
Date Received: 05/12/12 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26578	05/17/12 04:58	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26579	05/17/12 04:58	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV

Lab Chronicle

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

TestAmerica Job ID: 440-11586-1

Client Sample ID: MW-13C

Lab Sample ID: 440-11586-14

Date Collected: 05/11/12 11:05
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 06:24	ES	TAL IRV

Client Sample ID: MW-14B

Lab Sample ID: 440-11586-15

Date Collected: 05/11/12 09:20
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26578	05/17/12 05:26	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26579	05/17/12 05:26	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 06:44	ES	TAL IRV

Client Sample ID: MW-14C

Lab Sample ID: 440-11586-16

Date Collected: 05/11/12 08:28
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26578	05/17/12 05:53	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26579	05/17/12 05:53	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 05:43	ES	TAL IRV

Client Sample ID: MW-2RB

Lab Sample ID: 440-11586-17

Date Collected: 05/11/12 11:00
Date Received: 05/12/12 10:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26578	05/17/12 06:20	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	26579	05/17/12 06:20	RM	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			26821	05/17/12 12:10	AV	TAL IRV
Silica Gel Cleanup	Analysis	8015B		1	26982	05/18/12 07:04	ES	TAL IRV

Laboratory References:

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

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

Lab Sample ID: MB 440-26578/4
Matrix: Water
Analysis Batch: 26578

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			05/16/12 20:23	1
Toluene	ND		0.50		ug/L			05/16/12 20:23	1
Ethylbenzene	ND		0.50		ug/L			05/16/12 20:23	1
Xylenes, Total	ND		1.0		ug/L			05/16/12 20:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			05/16/12 20:23	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/16/12 20:23	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/16/12 20:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/16/12 20:23	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/16/12 20:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*05/16/12 20:23*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*05/16/12 20:23*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*05/16/12 20:23*	*1*

Lab Sample ID: LCS 440-26578/5
Matrix: Water
Analysis Batch: 26578

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	23.6		ug/L		94	70 - 120
Toluene	25.0	24.0		ug/L		96	70 - 120
Ethylbenzene	25.0	24.4		ug/L		97	75 - 125
m,p-Xylene	50.0	49.0		ug/L		98	75 - 125
o-Xylene	25.0	23.8		ug/L		95	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	25.9		ug/L		104	60 - 135
tert-Butyl alcohol (TBA)	125	132		ug/L		106	70 - 135
Isopropyl Ether (DIPE)	25.0	27.0		ug/L		108	60 - 135
Ethyl-t-butyl ether (ETBE)	25.0	25.4		ug/L		102	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)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*108*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-11481-E-11 MS
Matrix: Water
Analysis Batch: 26578

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	1.0		25.0	26.2		ug/L		101	65 - 125
Toluene	ND		25.0	25.2		ug/L		101	70 - 125
Ethylbenzene	4.3		25.0	28.5		ug/L		97	65 - 130
m,p-Xylene	ND		50.0	49.7		ug/L		99	65 - 130
o-Xylene	ND		25.0	24.5		ug/L		98	65 - 125
Methyl-t-Butyl Ether (MTBE)	ND		25.0	29.0		ug/L		116	55 - 145
tert-Butyl alcohol (TBA)	ND		125	142		ug/L		114	65 - 140
Isopropyl Ether (DIPE)	ND		25.0	30.5		ug/L		122	60 - 140

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

Lab Sample ID: 440-11481-E-11 MS
Matrix: Water
Analysis Batch: 26578

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
Ethyl-t-butyl ether (ETBE)	ND		25.0	28.6		ug/L		114	60 - 135
Tert-amyl-methyl ether (TAME)	ND		25.0	28.7		ug/L		115	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*111*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 440-11481-E-11 MSD
Matrix: Water
Analysis Batch: 26578

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	1.0		25.0	25.8		ug/L		99	65 - 125	2	20
Toluene	ND		25.0	25.0		ug/L		100	70 - 125	1	20
Ethylbenzene	4.3		25.0	29.4		ug/L		101	65 - 130	3	20
m,p-Xylene	ND		50.0	50.6		ug/L		101	65 - 130	2	25
o-Xylene	ND		25.0	24.6		ug/L		99	65 - 125	1	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	28.0		ug/L		112	55 - 145	3	25
tert-Butyl alcohol (TBA)	ND		125	140		ug/L		112	65 - 140	2	25
Isopropyl Ether (DIPE)	ND		25.0	29.0		ug/L		116	60 - 140	5	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	27.6		ug/L		111	60 - 135	3	25
Tert-amyl-methyl ether (TAME)	ND		25.0	27.8		ug/L		111	60 - 140	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: MB 440-26599/4
Matrix: Water
Analysis Batch: 26599

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			05/16/12 20:41	1
Toluene	ND		0.50		ug/L			05/16/12 20:41	1
Ethylbenzene	ND		0.50		ug/L			05/16/12 20:41	1
Xylenes, Total	ND		1.0		ug/L			05/16/12 20:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			05/16/12 20:41	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/16/12 20:41	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/16/12 20:41	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/16/12 20:41	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/16/12 20:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*05/16/12 20:41*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*05/16/12 20:41*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/16/12 20:41*	*1*

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

Lab Sample ID: LCS 440-26599/5
Matrix: Water
Analysis Batch: 26599

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	22.8		ug/L		91	70 - 120
Toluene	25.0	22.9		ug/L		92	70 - 120
Ethylbenzene	25.0	24.0		ug/L		96	75 - 125
m,p-Xylene	50.0	51.7		ug/L		103	75 - 125
o-Xylene	25.0	26.4		ug/L		105	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	19.5		ug/L		78	60 - 135
tert-Butyl alcohol (TBA)	125	159		ug/L		128	70 - 135
Isopropyl Ether (DIPE)	25.0	22.0		ug/L		88	60 - 135
Ethyl-t-butyl ether (ETBE)	25.0	20.6		ug/L		83	65 - 135
Tert-amyl-methyl ether (TAME)	25.0	20.2		ug/L		81	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: 440-11586-2 MS
Matrix: Water
Analysis Batch: 26599

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	22.0		ug/L		88	65 - 125
Toluene	ND		25.0	23.3		ug/L		93	70 - 125
Ethylbenzene	ND		25.0	23.4		ug/L		94	65 - 130
m,p-Xylene	ND		50.0	50.5		ug/L		101	65 - 130
o-Xylene	ND		25.0	25.7		ug/L		103	65 - 125
Methyl-t-Butyl Ether (MTBE)	1.1		25.0	21.3		ug/L		81	55 - 145
tert-Butyl alcohol (TBA)	310		125	460		ug/L		123	65 - 140
Isopropyl Ether (DIPE)	ND		25.0	21.1		ug/L		84	60 - 140
Ethyl-t-butyl ether (ETBE)	ND		25.0	20.4		ug/L		82	60 - 135
Tert-amyl-methyl ether (TAME)	ND		25.0	20.8		ug/L		82	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*90*		*80 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 440-11586-2 MSD
Matrix: Water
Analysis Batch: 26599

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	22.3		ug/L		89	65 - 125	1	20
Toluene	ND		25.0	23.3		ug/L		93	70 - 125	0	20
Ethylbenzene	ND		25.0	23.7		ug/L		95	65 - 130	1	20
m,p-Xylene	ND		50.0	49.9		ug/L		100	65 - 130	1	25
o-Xylene	ND		25.0	25.5		ug/L		102	65 - 125	1	20
Methyl-t-Butyl Ether (MTBE)	1.1		25.0	22.0		ug/L		84	55 - 145	3	25
tert-Butyl alcohol (TBA)	310		125	473		ug/L		133	65 - 140	3	25

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

Lab Sample ID: 440-11586-2 MSD
Matrix: Water
Analysis Batch: 26599

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isopropyl Ether (DIPE)	ND		25.0	21.8		ug/L		87	60 - 140	3	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	20.8		ug/L		83	60 - 135	2	25
Tert-amyl-methyl ether (TAME)	ND		25.0	21.3		ug/L		84	60 - 140	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*92*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 440-26695/4
Matrix: Water
Analysis Batch: 26695

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			05/17/12 09:22	1
Toluene	ND		0.50		ug/L			05/17/12 09:22	1
Ethylbenzene	ND		0.50		ug/L			05/17/12 09:22	1
Xylenes, Total	ND		1.0		ug/L			05/17/12 09:22	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			05/17/12 09:22	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/17/12 09:22	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			05/17/12 09:22	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			05/17/12 09:22	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			05/17/12 09:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*05/17/12 09:22*	*1*
Dibromofluoromethane (Surr)	*81*		*80 - 120*		*05/17/12 09:22*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/17/12 09:22*	*1*

Lab Sample ID: LCS 440-26695/5
Matrix: Water
Analysis Batch: 26695

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	23.7		ug/L		95	70 - 120
Toluene	25.0	25.6		ug/L		102	70 - 120
Ethylbenzene	25.0	23.6		ug/L		94	75 - 125
m,p-Xylene	50.0	53.1		ug/L		106	75 - 125
o-Xylene	25.0	26.7		ug/L		107	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	22.1		ug/L		88	60 - 135
tert-Butyl alcohol (TBA)	125	115		ug/L		92	70 - 135
Isopropyl Ether (DIPE)	25.0	21.6		ug/L		86	60 - 135
Ethyl-t-butyl ether (ETBE)	25.0	21.8		ug/L		87	65 - 135
Tert-amyl-methyl ether (TAME)	25.0	23.8		ug/L		95	60 - 135

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

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

Lab Sample ID: 440-11383-A-8 MS
Matrix: Water
Analysis Batch: 26695

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	24.9		ug/L		100	65 - 125
Toluene	ND		25.0	26.5		ug/L		106	70 - 125
Ethylbenzene	ND		25.0	25.1		ug/L		100	65 - 130
m,p-Xylene	ND		50.0	56.5		ug/L		113	65 - 130
o-Xylene	ND		25.0	28.5		ug/L		114	65 - 125
Methyl-t-Butyl Ether (MTBE)	ND		25.0	24.3		ug/L		97	55 - 145
tert-Butyl alcohol (TBA)	ND		125	153		ug/L		122	65 - 140
Isopropyl Ether (DIPE)	ND		25.0	23.7		ug/L		95	60 - 140
Ethyl-t-butyl ether (ETBE)	ND		25.0	23.5		ug/L		94	60 - 135
Tert-amyl-methyl ether (TAME)	ND		25.0	25.9		ug/L		104	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*86*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-11383-A-8 MSD
Matrix: Water
Analysis Batch: 26695

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	24.2		ug/L		97	65 - 125	3	20
Toluene	ND		25.0	25.5		ug/L		102	70 - 125	4	20
Ethylbenzene	ND		25.0	24.0		ug/L		96	65 - 130	4	20
m,p-Xylene	ND		50.0	53.9		ug/L		108	65 - 130	5	25
o-Xylene	ND		25.0	27.2		ug/L		109	65 - 125	5	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	22.5		ug/L		90	55 - 145	8	25
tert-Butyl alcohol (TBA)	ND		125	152		ug/L		122	65 - 140	0	25
Isopropyl Ether (DIPE)	ND		25.0	22.4		ug/L		90	60 - 140	6	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	22.1		ug/L		88	60 - 135	6	25
Tert-amyl-methyl ether (TAME)	ND		25.0	23.8		ug/L		95	60 - 140	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*85*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

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

Lab Sample ID: MB 440-26579/4
Matrix: Water
Analysis Batch: 26579

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			05/16/12 20:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*05/16/12 20:23*	*1*

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

Lab Sample ID: MB 440-26579/4
Matrix: Water
Analysis Batch: 26579

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		80 - 120		05/16/12 20:23	1
Toluene-d8 (Surr)	102		80 - 120		05/16/12 20:23	1

Lab Sample ID: LCS 440-26579/6
Matrix: Water
Analysis Batch: 26579

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	534		ug/L		107	55 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	104		80 - 120
4-Bromofluorobenzene (Surr)	107		80 - 120
Toluene-d8 (Surr)	104		80 - 120

Lab Sample ID: 440-11481-E-11 MS
Matrix: Water
Analysis Batch: 26579

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	91		1730	1350		ug/L		73	50 - 145

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	111		80 - 120
4-Bromofluorobenzene (Surr)	102		80 - 120
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: 440-11481-E-11 MSD
Matrix: Water
Analysis Batch: 26579

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	91		1730	1290		ug/L		70	50 - 145	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	109		80 - 120
4-Bromofluorobenzene (Surr)	105		80 - 120
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: MB 440-26600/4
Matrix: Water
Analysis Batch: 26600

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			05/16/12 20:41	1

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

Lab Sample ID: MB 440-26600/4
Matrix: Water
Analysis Batch: 26600

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*05/16/12 20:41*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*05/16/12 20:41*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/16/12 20:41*	*1*

Lab Sample ID: LCS 440-26600/6
Matrix: Water
Analysis Batch: 26600

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	448		ug/L		90	55 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*93*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 440-11586-2 MS
Matrix: Water
Analysis Batch: 26600

Client Sample ID: MW-2R
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)	1200		1730	2400		ug/L		72	50 - 145

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	*90*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 440-11586-2 MSD
Matrix: Water
Analysis Batch: 26600

Client Sample ID: MW-2R
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)	1200		1730	2410		ug/L		73	50 - 145	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	*92*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 440-26696/4
Matrix: Water
Analysis Batch: 26696

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			05/17/12 09:22	1

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

Lab Sample ID: MB 440-26696/4
Matrix: Water
Analysis Batch: 26696

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	81		80 - 120		05/17/12 09:22	1
4-Bromofluorobenzene (Surr)	95		80 - 120		05/17/12 09:22	1
Toluene-d8 (Surr)	103		80 - 120		05/17/12 09:22	1

Lab Sample ID: LCS 440-26696/6
Matrix: Water
Analysis Batch: 26696

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	514		ug/L		103	55 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	81		80 - 120
4-Bromofluorobenzene (Surr)	96		80 - 120
Toluene-d8 (Surr)	105		80 - 120

Lab Sample ID: 440-11383-A-8 MS
Matrix: Water
Analysis Batch: 26696

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	510		1730	1750		ug/L		72	50 - 145

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	86		80 - 120
4-Bromofluorobenzene (Surr)	95		80 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: 440-11383-A-8 MSD
Matrix: Water
Analysis Batch: 26696

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	510		1730	1640		ug/L		65	50 - 145	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	85		80 - 120
4-Bromofluorobenzene (Surr)	93		80 - 120
Toluene-d8 (Surr)	103		80 - 120

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

Lab Sample ID: MB 440-26821/1-A
Matrix: Water
Analysis Batch: 26982

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 26821

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		05/17/12 12:10	05/17/12 22:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*76*		*45 - 120*	*05/17/12 12:10*	*05/17/12 22:59*	*1*

Lab Sample ID: LCS 440-26821/2-A
Matrix: Water
Analysis Batch: 26982

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 26821

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1000	690		ug/L		69	40 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*76*		*45 - 120*

Lab Sample ID: LCSD 440-26821/3-A
Matrix: Water
Analysis Batch: 26982

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 26821

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1000	704		ug/L		70	40 - 115	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane	*78*		*45 - 120*

QC Association Summary

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

TestAmerica Job ID: 440-11586-1

GC/MS VOA

Analysis Batch: 26578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11481-E-11 MS	Matrix Spike	Total/NA	Water	8260B	
440-11481-E-11 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-11586-13	MW-13B	Total/NA	Water	8260B	
440-11586-14	MW-13C	Total/NA	Water	8260B	
440-11586-15	MW-14B	Total/NA	Water	8260B	
440-11586-16	MW-14C	Total/NA	Water	8260B	
440-11586-17	MW-2RB	Total/NA	Water	8260B	
LCS 440-26578/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-26578/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 26579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11481-E-11 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-11481-E-11 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-13	MW-13B	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-14	MW-13C	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-15	MW-14B	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-16	MW-14C	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-17	MW-2RB	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-26579/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-26579/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 26599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11586-2	MW-2R	Total/NA	Water	8260B	
440-11586-2 MS	MW-2R	Total/NA	Water	8260B	
440-11586-2 MSD	MW-2R	Total/NA	Water	8260B	
440-11586-3	MW-2RC	Total/NA	Water	8260B	
440-11586-4	MW-3R	Total/NA	Water	8260B	
440-11586-5	MW-5	Total/NA	Water	8260B	
440-11586-8	MW-8	Total/NA	Water	8260B	
440-11586-9	MW-8B	Total/NA	Water	8260B	
440-11586-10	MW-11B	Total/NA	Water	8260B	
440-11586-11	MW-12	Total/NA	Water	8260B	
440-11586-12	MW-13	Total/NA	Water	8260B	
LCS 440-26599/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-26599/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 26600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11586-2	MW-2R	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-2 MS	MW-2R	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-2 MSD	MW-2R	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 26600 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11586-3	MW-2RC	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-4	MW-3R	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-5	MW-5	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-8	MW-8	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-9	MW-8B	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-10	MW-11B	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-11	MW-12	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-12	MW-13	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-26600/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-26600/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 26695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11383-A-8 MS	Matrix Spike	Total/NA	Water	8260B	
440-11383-A-8 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-11586-1	MW-1R	Total/NA	Water	8260B	
440-11586-6	MW-5B	Total/NA	Water	8260B	
440-11586-7	MW-5C	Total/NA	Water	8260B	
LCS 440-26695/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-26695/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 26696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11383-A-8 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-11383-A-8 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-1	MW-1R	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-6	MW-5B	Total/NA	Water	8260B/CA_LUFT MS	
440-11586-7	MW-5C	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-26696/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-26696/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Prep Batch: 26821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11586-1	MW-1R	Silica Gel Cleanup	Water	3510C SGC	
440-11586-2	MW-2R	Silica Gel Cleanup	Water	3510C SGC	
440-11586-3	MW-2RC	Silica Gel Cleanup	Water	3510C SGC	
440-11586-4	MW-3R	Silica Gel Cleanup	Water	3510C SGC	

GC Semi VOA (Continued)

Prep Batch: 26821 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11586-5	MW-5	Silica Gel Cleanup	Water	3510C SGC	
440-11586-6	MW-5B	Silica Gel Cleanup	Water	3510C SGC	
440-11586-7	MW-5C	Silica Gel Cleanup	Water	3510C SGC	
440-11586-8	MW-8	Silica Gel Cleanup	Water	3510C SGC	
440-11586-9	MW-8B	Silica Gel Cleanup	Water	3510C SGC	
440-11586-10	MW-11B	Silica Gel Cleanup	Water	3510C SGC	
440-11586-11	MW-12	Silica Gel Cleanup	Water	3510C SGC	
440-11586-12	MW-13	Silica Gel Cleanup	Water	3510C SGC	
440-11586-13	MW-13B	Silica Gel Cleanup	Water	3510C SGC	
440-11586-14	MW-13C	Silica Gel Cleanup	Water	3510C SGC	
440-11586-15	MW-14B	Silica Gel Cleanup	Water	3510C SGC	
440-11586-16	MW-14C	Silica Gel Cleanup	Water	3510C SGC	
440-11586-17	MW-2RB	Silica Gel Cleanup	Water	3510C SGC	
LCS 440-26821/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 440-26821/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 440-26821/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 26982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-11586-1	MW-1R	Silica Gel Cleanup	Water	8015B	26821
440-11586-2	MW-2R	Silica Gel Cleanup	Water	8015B	26821
440-11586-3	MW-2RC	Silica Gel Cleanup	Water	8015B	26821
440-11586-4	MW-3R	Silica Gel Cleanup	Water	8015B	26821
440-11586-5	MW-5	Silica Gel Cleanup	Water	8015B	26821
440-11586-6	MW-5B	Silica Gel Cleanup	Water	8015B	26821
440-11586-7	MW-5C	Silica Gel Cleanup	Water	8015B	26821
440-11586-8	MW-8	Silica Gel Cleanup	Water	8015B	26821
440-11586-9	MW-8B	Silica Gel Cleanup	Water	8015B	26821
440-11586-10	MW-11B	Silica Gel Cleanup	Water	8015B	26821
440-11586-11	MW-12	Silica Gel Cleanup	Water	8015B	26821
440-11586-12	MW-13	Silica Gel Cleanup	Water	8015B	26821
440-11586-13	MW-13B	Silica Gel Cleanup	Water	8015B	26821
440-11586-14	MW-13C	Silica Gel Cleanup	Water	8015B	26821
440-11586-15	MW-14B	Silica Gel Cleanup	Water	8015B	26821
440-11586-16	MW-14C	Silica Gel Cleanup	Water	8015B	26821
440-11586-17	MW-2RB	Silica Gel Cleanup	Water	8015B	26821
LCS 440-26821/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	26821
LCSD 440-26821/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	26821
MB 440-26821/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	26821

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: 440-11586-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Irvine	Arizona	State Program	9	AZ0671
TestAmerica Irvine	California	LA Cty Sanitation Districts	9	10256
TestAmerica Irvine	California	NELAC	9	1108CA
TestAmerica Irvine	California	State Program	9	2706
TestAmerica Irvine	Guam	State Program	9	Cert. No. 12.002r
TestAmerica Irvine	Hawaii	State Program	9	N/A
TestAmerica Irvine	Nevada	State Program	9	CA015312007A
TestAmerica Irvine	New Mexico	State Program	6	N/A
TestAmerica Irvine	Northern Mariana Islands	State Program	9	MP0002
TestAmerica Irvine	Oregon	NELAC	10	4005
TestAmerica Irvine	USDA	Federal		P330-09-00080

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

Shell Oil Products Chain Of Custody Record

138279

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

PO #:

SAP #: 1 3 5 2 4 4

DATE: 5/11/12

PAGE: 1 of 2

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS: Street and City: 8999 San Ramon Road, Dublin	State: CA	GLOBAL ID NO.: T0600159797
ADDRESS: 1680 Rogers Avenue, San Jose, CA		EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville, CA	PHONE NO.: 510-420-3343	E-MAIL: ShellEDF@CRAWorld.com; Shell-US-LabDataManagement@CRAworld.com	CONSULTANT PROJECT NO.: 240724-95-11.05
PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King		SAMPLER NAME(S) (Print): Daniel Allen, Ken Sim	LAB USE ONLY: 440-11586
TELEPHONE: (310) 885-4455 x 108	FAX: (310) 637-5802	E-MAIL: lking@blainetech.com	

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

1) Please upload the "CRA EQuIS 4-file EDD" to the CRA Website (http://cralabeddupload.craworld.com/equis/default.aspx) and/or send it to the Shell-US-LabDataManagement@CRAworld.com email folder. 2) Please indicate that you have uploaded the EDD by including "EDD Uploaded to CRA website" in the body of the email used to deliver the final PDF report to the Shell-US-LabDataManagement@CRAworld.com email folder.

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: 2.5, 3.3, 4.0 °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	120511-DW1	051112	SK	MW-1R	1210	WG	X					5	X	X	X			X							
			DW	MW-2R	1300		X					5	X	X				X							
			DW	MW-2RC	1340		X					5	X	X				X							
			SK	MW-3R	1340		X					5	X	X				X							
			SK	MW-5	1225		X					5	X	X				X							
			SK	MW-5B	0910		X					5	X	X				X							
			SK	MW-5C	1237		X					5	X	X				X							
			SK	MW-8	1225		X					5	X	X				X							
			SK	MW-8B	1045		X					5	X	X				X							
			SK	MW-11B	1755		X					5	X	X				X							

	Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		Test America	5/11/12	13:56
	FED-EX 4 coolers TEST AMERICA	FED-EX	5/11/12	15:50
	FED-EX			

Page 34 of 36

5/30/2012

Shell Oil Products Chain Of Custody Record

138279

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: 5/11/12

PO #:

SAP #: 1 3 5 2 4 4

PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS: Street and City: 8999 San Ramon Road, Dublin	State: CA
GLOBAL ID NO.: T0600159797			
ADDRESS: 1680 Rogers Avenue, San Jose, CA			
EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville, CA	PHONE NO.: 510-420-3343	E-MAIL: ShellEDF@CRAWorld.com; Shell-US-LabDataManagement@CRAworld.com	CONSULTANT PROJECT NO.: 240724-95-11.05
PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King		SAMPLER NAME(S) (Print): Daniel Allen, Ken Sim	LAB USE ONLY: 440-11586
TELEPHONE: (310) 885-4455 x 108	FAX: (310) 637-5802	E-MAIL: lking@blainetech.com	

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

1) Please upload the "CRA EQuIS 4-file EDD" to the CRA Website (http://cralabedduplosd.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

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)	TEMPERATURE ON RECEIPT	Container PID Readings or Laboratory Notes
	WG - 2058-MW1	051112	SK	MW-12	0920	WG	X					5	X	X				X								
	"	"	DW	MW-13	0948	"	X					5	X	X				X								
	"	"	SK	MW-8B	1135	"	X					5	X	X				X								
	"	"	DW	MW-13C	1165	"	X					5	X	X				X								
	"	"	DW	MW-14B	0920	"	X					5	X	X				X								
	"	"	DW	MW-14C	0828	"	X					5	X	X				X								
	"	"	DW	MW-2RB	1100	"	X					5	X	X				X								

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature] TEST AMERICA	5/11/12	13:56
[signature] 4 Coolers TEST AMERICA	FED-EX	5/11/12	15:50
FED-EX			

Page 35 of 36

5/30/2012

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-11586-1

Login Number: 11586
List Number: 1
Creator: Perez, Angel

List Source: TestAmerica Irvine

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