CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: August 30, 2011

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
3:49 pm, Sep 06, 2011
Alameda County
Environmental Health

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
- ☐ Other

Sent via:
- ☐ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☒ Other GeoTracker and Alameda County FTP

QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – Second Quarter 2011

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

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

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

Mr. 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 2011

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

SAP CODE	135244
INCIDENT NO.	97565995
AGENCY NO.	RO0002744

Prepared by:
Conestoga-Rovers & Associates

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

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

web: http://www.CRAworld.com

AUGUST 30, 2011
REF. NO. 240724 (5)
This report is printed on recycled paper.

TABLE OF CONTENTS

		Page
1.0	INTRODUCTION	1
1.1	SITE INFORMATION	1
2.0	SITE ACTIVITIES, FINDINGS, AND DISCUSSION	1
2.1	CURRENT QUARTER'S ACTIVITIES	1
2.2	CURRENT QUARTER'S FINDINGS	2
2.3	PROPOSED ACTIVITIES	2

LIST OF FIGURES
(Following Text)

FIGURE 1 VICINITY MAP

FIGURE 2 SHALLOW-ZONE GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP

FIGURE 3 INTERMEDIATE-ZONE GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP

LIST OF TABLES
(Following Text)

TABLE 1 GROUNDWATER DATA

LIST OF APPENDICES

APPENDIX A BLAINE TECH SERVICES, INC. - FIELD NOTES

APPENDIX B TEST AMERICA - LABORATORY REPORT

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

During May 2011, Blaine Tech Services, Inc. (Blaine) developed seven new groundwater monitoring wells (MW-2R, MW-2RB, MW-2RC, MW-13, MW-13B, MW-13C, and MW-14B). Well MW-14C could not be developed and appeared to have been compromised during installation. During July 2011, CRA re-installed groundwater monitoring well MW-14C, and Cascade Drilling, L.P. developed the new well during August 2011.

Blaine gauged and sampled the wells according to the modified monitoring program for this site.

CRA prepared a vicinity map (Figure 1), a shallow-zone groundwater contour and chemical concentration map (Figure 2), an intermediate-zone groundwater contour and chemical concentration map (Figure 3), and a groundwater data table (Table 1). Due to

limited data (three wells), CRA did not prepare a deep-zone groundwater contour map. Deep-zone groundwater concentrations are included on Figures 2 and 3. 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	Generally easterly
Intermediate-Zone Groundwater Flow Direction	Southeasterly to easterly
Shallow-Zone Hydraulic Gradient	0.07
Intermediate-Zone Hydraulic Gradient	Variable
Depth to Water	18.31 to 27.98 feet below top of well casing

2.3 PROPOSED ACTIVITIES

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

As discussed above, well MW-14C was reinstalled and developed. CRA will include the new well in the groundwater monitoring program beginning with the third quarter 2011 sampling event, and that groundwater monitoring report will include a deep-zone groundwater contour and chemical concentration map.

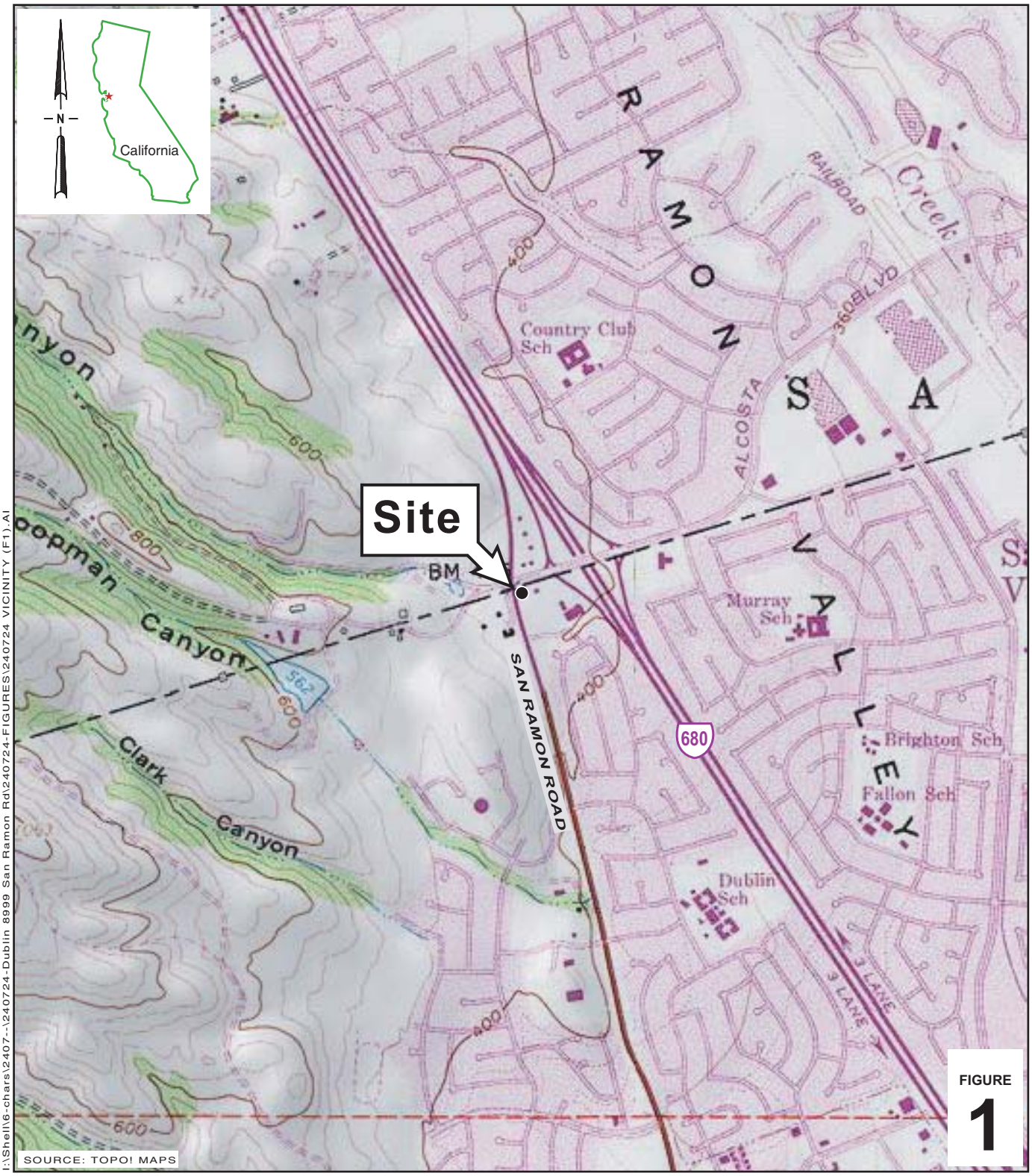
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Peter Schaefer, CHG, CEG

Aubrey K. Cool, PG

FIGURES

02/08/2011



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

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

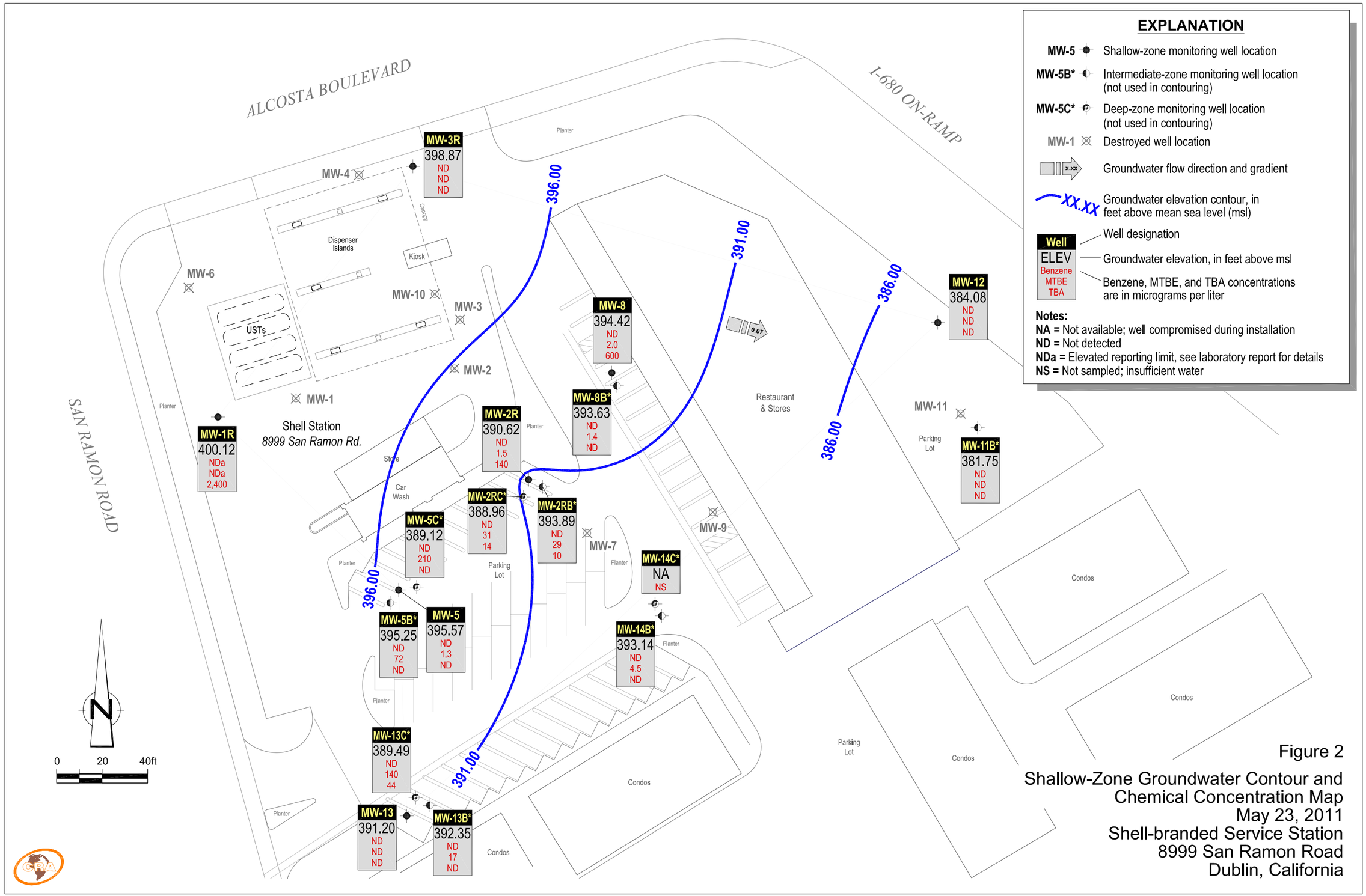
Shell-branded Service Station

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 (msl)

Well
ELEV
Benzene
MTBE
TBA

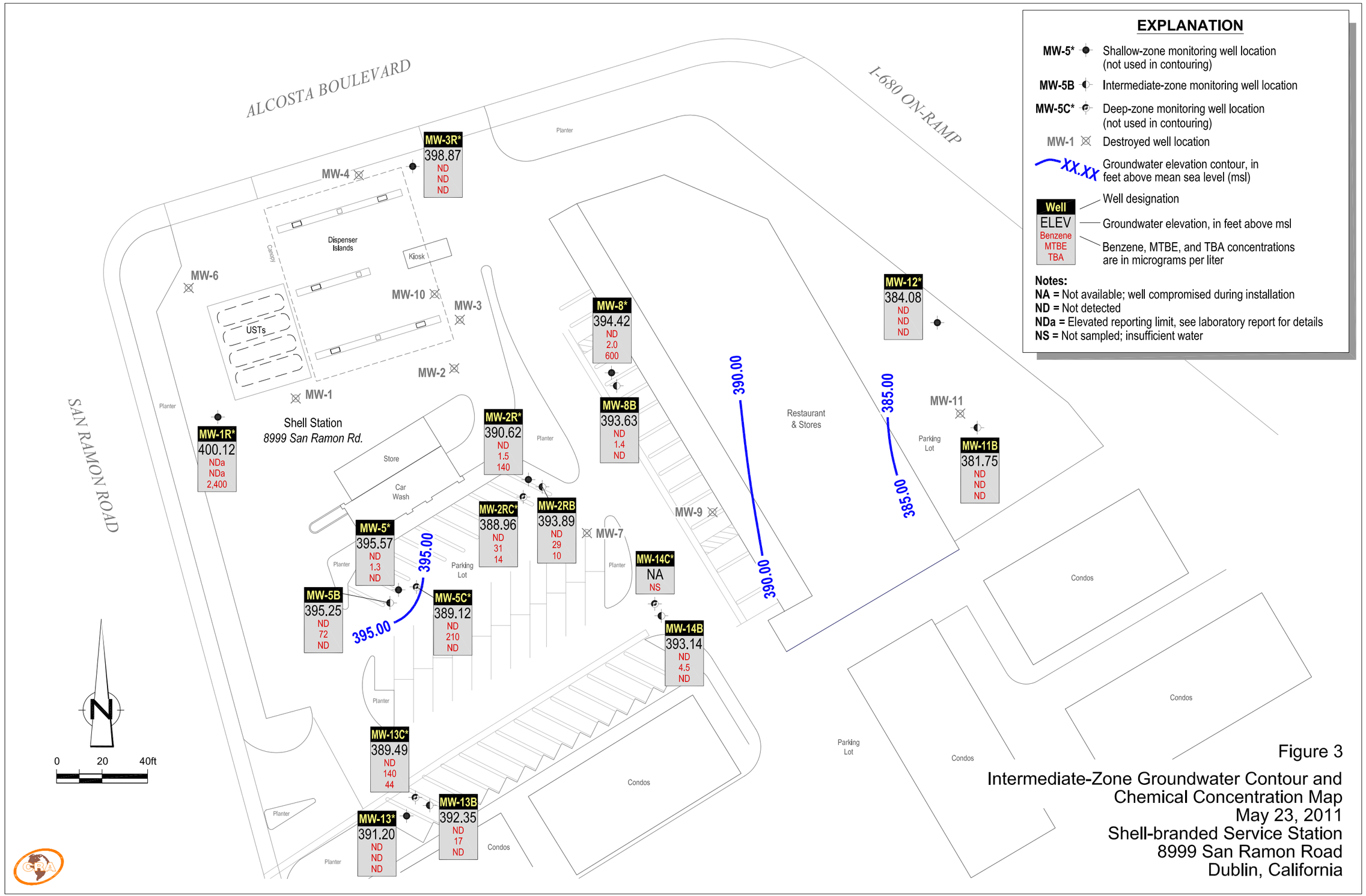
- Well designation
- Groundwater elevation, in feet above msl
- Benzene, MTBE, and TBA concentrations are in micrograms per liter

Notes:
NA = Not available; well compromised during installation
ND = Not detected
NDa = Elevated reporting limit, see laboratory report for details
NS = Not sampled; insufficient water

Figure 2

Shallow-Zone Groundwater Contour and Chemical Concentration Map
May 23, 2011
Shell-branded Service Station
8999 San Ramon Road
Dublin, California

I:\Shell\6-chars\2407--\240724-Dublin 8999 San Ramon Rd\240724-REPORTS\240724-RPT5-2Q11\240724 2QM11-GW (A ZONE).DWG (08/30/2011)



EXPLANATION

- **MW-5*** — Shallow-zone monitoring well location (not used in contouring)
- **MW-5B** — Intermediate-zone monitoring well location
- **MW-5C*** — Deep-zone monitoring well location (not used in contouring)
- **MW-1** — Destroyed well location
- **XX.XX** — Groundwater elevation contour, in feet above mean sea level (msl)

Well
ELEV
Benzene
MTBE
TBA

- Well designation
- Groundwater elevation, in feet above msl
- Benzene, MTBE, and TBA concentrations are in micrograms per liter

Notes:
NA = Not available; well compromised during installation
ND = Not detected
NDa = Elevated reporting limit, see laboratory report for details
NS = Not sampled; insufficient water

Figure 3

Intermediate-Zone Groundwater Contour and Chemical Concentration Map
May 23, 2011
Shell-branded Service Station
8999 San Ramon Road
Dublin, California

I:\Shell\6-chars\2407--\240724-Dublin 8999 San Ramon Rd\240724-REPORTS\240724-RPT5-2Q11\240724 2QM11-GW (B ZONE).DWG (08/30/2011)

TABLE

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 c,e	<5,000	<50	<50	<50	<100	1,400	57,000	<200	<200	<200	420.06	20.70	399.36
MW-1	08/15/2005	<50 c	<5,000	<50	<50	<50	<100	360	56,000	<200	<200	<200	420.06	23.98	396.08
MW-1	11/08/2005	Well dry	---	---	---	---	---	---	---	---	---	---	420.06	---	---
MW-1	01/30/2006	438 c	585	<0.500	<0.500	<0.500	<0.500	15.6	115,000	<0.500	<0.500	<0.500	420.06	26.39	393.67
MW-1	05/19/2006	279	2,940	<0.500	<0.500	<0.500	<0.500	150	49,500	<0.500	0.940	<0.500	420.06	23.10	396.96
MW-1	08/24/2006	85.6	812	<0.500	<0.500	<0.500	<0.500	33.0	30,700	<0.500	0.890	<0.500	420.06	23.94	396.12
MW-1	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	420.06	---	---
MW-1	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.06	---	---
MW-1	06/05/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.06	---	---
MW-1	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.06	---	---
MW-1	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.06	---	---
MW-1	02/15/2008	Insufficient water		---	---	---	---	---	---	---	---	---	420.06	26.45	393.61
MW-1	05/15/2008	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-2	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	20.72	---
MW-2	05/19/2005	<50 c	<500	<5.0	<5.0	<5.0	<10	11	4,200	<20	<20	<20	418.88	21.26	397.62
MW-2	08/15/2005	<50 c	<1,000	<10	<10	<10	<20	<10	7,500	<40	<40	<40	418.88	25.33	393.55
MW-2	11/08/2005	Well dry	---	---	---	---	---	---	---	---	---	---	418.88	---	---
MW-2	01/30/2006	401 c	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	1,310	<0.500	<0.500	<0.500	418.88	25.87	393.01
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

TABLE 1

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

Well ID	*Date*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*
MW-2	11/02/2006	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-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-2RC	**05/11/2011**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**415.97**	**27.01**	**388.96**
MW-2RC	**05/13/2011**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**415.97**	**29.95**	**386.02**
MW-2RC	**05/23/2011**	**<47**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**31**	**14**	**<1.0**	**<1.0**	**<1.0**	**415.97**	**27.01**	**388.96**
MW-3	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	19.08	---
MW-3	05/19/2005	120 c,e	<50	<0.50	<0.50	<0.50	<1.0	40	6.5	<2.0	<2.0	<2.0	417.24	19.08	398.16
MW-3	08/15/2005	73 c	<50	<0.50	<0.50	<0.50	<1.0	34	<5.0	<2.0	<2.0	<2.0	417.24	22.20	395.04
MW-3	11/08/2005	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	01/30/2006	412 c	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	417.24	23.64	393.60
MW-3	05/19/2006	183	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	417.24	19.00	398.24
MW-3	08/24/2006	214	<50.0	<0.500	<0.500	<0.500	<0.500	3.11	661	<0.500	<0.500	<0.500	417.24	21.84	395.40
MW-3	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	06/05/2007	230	<50 f	<0.50	<1.0	<1.0	<1.0	0.38 g	<10	<2.0	<2.0	<2.0	417.24	23.80	393.44
MW-3	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---
MW-3	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	417.24	---	---

TABLE 1

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

Well ID	*Date*	*TPHd* (µg/L)	*TPHg* (µg/L)	*B* (µg/L)	*T* (µg/L)	*E* (µg/L)	*X* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*DIPE* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*TOC* (ft MSL)	*Depth to Water* (ft TOC)	*GW Elevation* (ft MSL)
MW-3	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-4	05/09/2005	---	---	---	---	---	---	---	---	---	---	---	---	19.77	---
MW-4	05/19/2005	59 c,e	97	0.66	<0.50	<0.50	<1.0	4.8	8.2	<2.0	<2.0	<2.0	420.52	19.85	400.67
MW-4	08/15/2005	<50 c	67	<0.50	<0.50	<0.50	<1.0	0.86	<5.0	<2.0	<2.0	<2.0	420.52	23.34	397.18
MW-4	11/08/2005	Well dry	---	---	---	---	---	---	---	---	---	---	420.52	---	---
MW-4	01/30/2006	112 c	<50.0	<0.500	<0.500	<0.500	<0.500	1.63	<10.0	<0.500	<0.500	<0.500	420.52	24.13	396.39
MW-4	05/19/2006	<46.9	<50.0	<0.500	<0.500	<0.500	<0.500	1.08	<10.0	<0.500	<0.500	<0.500	420.52	19.79	400.73
MW-4	08/24/2006	<47.2	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	78.3	<0.500	<0.500	<0.500	420.52	22.50	398.02
MW-4	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	420.52	---	---
MW-4	01/29/2007	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	420.52	25.82	394.70
MW-4	06/05/2007	120	62 f	<0.50	<1.0	<1.0	<1.0	1.4	<10	<2.0	<2.0	<2.0	420.52	24.32	396.20
MW-4	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.52	---	---
MW-4	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	420.52	---	---
MW-4	02/15/2008	<50	56 f	<0.50	<1.0	<1.0	<1.0	2.9	<10	<2.0	<2.0	<2.0	420.52	24.34	396.18
MW-4	05/15/2008	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

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	06/05/2007	2,200 e	<50 f	<0.50	<1.0	<1.0	<1.0	0.56 g	<10	<2.0	<2.0	<2.0	416.88	27.72	389.16
MW-5	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	11/30/2007	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	28.39	388.49
MW-5	02/15/2008	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	27.55	389.33
MW-5	05/27/2008	83	<50	<0.50	<1.0	<1.0	<1.0	4.3	<10	<2.0	<2.0	<2.0	416.88	26.68	390.20
MW-5	08/05/2008	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	11/17/2008	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	28.48	388.40
MW-5	02/05/2009	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	05/07/2009	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	27.78	389.10
MW-5	08/20/2009	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	11/10/2009	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	02/15/2010	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	416.88	26.18	390.70
MW-5	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	1.5	<10	<2.0	<2.0	<2.0	416.88	23.64	393.24
MW-5	08/09/2010	Insufficient water		---	---	---	---	---	---	---	---	---	416.88	28.41	388.47
MW-5	11/08/2010	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	01/25/2011	Well dry	---	---	---	---	---	---	---	---	---	---	416.88	---	---
MW-5	**05/23/2011**	**<47**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**1.3**	**<10**	**<1.0**	**<1.0**	**<1.0**	**416.88**	**21.31**	**395.57**
MW-5B	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	417.66	29.74	387.92
MW-5B	02/15/2008	<50	110 e,f	<0.50	<1.0	<1.0	<1.0	1,700	250	<2.0	<2.0	<2.0	417.66	28.85	388.81
MW-5B	05/27/2008	<50	620	<2.5	<5.0	<5.0	<5.0	590	<50	<10	<10	<10	417.66	27.89	389.77
MW-5B	08/05/2008	140	470	<2.5	<5.0	<5.0	<5.0	430	<50	<10	<10	<10	417.66	32.21	385.45
MW-5B	11/17/2008	<50	1,100	<2.5	<5.0	<5.0	<5.0	830	<50	<10	<10	<10	417.66	35.25	382.41
MW-5B	02/05/2009	<50	1,100	<2.5	<5.0	<5.0	<5.0	1,000	<50	<10	<10	<10	417.66	34.94	382.72
MW-5B	05/07/2009	<50	680	<2.5	<5.0	<5.0	<5.0	780	<50	<10	<10	<10	417.66	28.58	389.08
MW-5B	08/20/2009	<50	800	<2.5	<5.0	<5.0	<5.0	840	<50	<10	<10	<10	417.66	32.66	385.00
MW-5B	11/10/2009	<50	790	<2.5	<5.0	<5.0	<5.0	750	<50	<10	<10	<10	417.66	34.64	383.02
MW-5B	02/15/2010	<50	710	<2.5	<5.0	<5.0	<5.0	730	<50	<10	<10	<10	417.66	30.20	387.46
MW-5B	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	417.66	27.39	390.27

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	05/07/2010	<50	230	<1.0	<2.0	<2.0	<2.0	330	<20	<4.0	<4.0	<4.0	417.66	26.13	391.53
MW-5B	08/09/2010	<50	310	<1.0	<2.0	<2.0	<2.0	360	<20	<4.0	<4.0	<4.0	417.66	30.31	387.35
MW-5B	11/08/2010	<50	340	<1.0	<2.0	<2.0	<2.0	370	<20	<4.0	<4.0	<4.0	417.66	24.80	392.86
MW-5B	01/25/2011	<480	120	<1.2	<1.2	<1.2	<2.5	210	200	<2.5	<2.5	<2.5	417.66	30.25	387.41
MW-5B	**05/23/2011**	**<47**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**72**	**<10**	**<1.0**	**<1.0**	**<1.0**	**417.66**	**22.41**	**395.25**
MW-5C	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	417.10	33.97	383.13
MW-5C	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	360	97	<2.0	<2.0	<2.0	417.10	34.25	382.85
MW-5C	05/27/2008	<50	350	<2.5	<5.0	<5.0	<5.0	290	<50	<10	<10	<10	417.10	33.97	383.13
MW-5C	08/05/2008	<50	210	<1.0	<2.0	<2.0	<2.0	180	<20	<4.0	<4.0	<4.0	417.10	37.30	379.80
MW-5C	11/17/2008	<50	180	<1.0	<2.0	<2.0	<2.0	120	<20	<4.0	<4.0	<4.0	417.10	40.23	376.87
MW-5C	02/05/2009	<50	180	<1.0	<2.0	<2.0	<2.0	150	<20	<4.0	<4.0	<4.0	417.10	39.70	377.40
MW-5C	05/07/2009	<50	150	<1.0	<2.0	<2.0	<2.0	160	<20	<4.0	<4.0	<4.0	417.10	33.91	383.19
MW-5C	08/20/2009	<50	150	<1.0	<2.0	<2.0	<2.0	130	<20	<4.0	<4.0	<4.0	417.10	38.82	378.28
MW-5C	11/10/2009	<50	190	<1.0	<2.0	<2.0	<2.0	170	<20	<4.0	<4.0	<4.0	417.10	40.44	376.66
MW-5C	02/15/2010	<50	150	<0.50	<1.0	<1.0	<1.0	160	<10	<2.0	<2.0	<2.0	417.10	35.41	381.69
MW-5C	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	417.10	33.08	384.02
MW-5C	05/07/2010	<50	110	<0.50	<1.0	<1.0	<1.0	150	<10	<2.0	<2.0	<2.0	417.10	31.84	385.26
MW-5C	08/09/2010	<50	160	0.73	<1.0	<1.0	<1.0	190	<10	<2.0	<2.0	<2.0	417.10	35.79	381.31
MW-5C	11/08/2010	66 e	150	<0.50	<1.0	<1.0	<1.0	160	<10	<2.0	<2.0	<2.0	417.10	39.50	377.60
MW-5C	01/25/2011	<480	<50	<0.50	<0.50	<0.50	<1.0	83	91	<1.0	<1.0	<1.0	417.10	35.28	381.82
MW-5C	**05/23/2011**	**<47**	**160 i**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**210**	**<10**	**<1.0**	**<1.0**	**<1.0**	**417.10**	**27.98**	**389.12**
MW-6	02/28/2006	---	---	---	---	---	---	---	---	---	---	---	422.50	23.55	398.95
MW-6	03/03/2006	104 c	<50.0	<0.500	<0.500	<0.500	<0.500	4.93	<10.0	<0.500	<0.500	<0.500	422.50	23.30	399.20
MW-6	05/19/2006	<46.9 c	<50.0	<0.500	<0.500	<0.500	<0.500	5.76	<10.0	<0.500	<0.500	<0.500	422.50	20.31	402.19
MW-6	08/24/2006	<47.2	<50.0	<0.500	<0.500	<0.500	<0.500	0.870	<10.0	<0.500	<0.500	<0.500	422.50	23.69	398.81
MW-6	11/02/2006	---	---	---	---	---	---	---	---	---	---	---	422.50	28.51	393.99
MW-6	01/29/2007	<50	<50	<0.50	<0.50	<0.50	<1.0	1.7	<5.0	<2.0	<2.0	<2.0	422.50	27.08	395.42
MW-6	06/05/2007	97	<50 f	<0.50	<1.0	<1.0	<1.0	1.1	<10	<2.0	<2.0	<2.0	422.50	25.77	396.73

TABLE 1

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

Well ID	*Date*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*
MW-6	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	422.50	---	---
MW-6	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	422.50	---	---
MW-6	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	9.0	<10	<2.0	<2.0	<2.0	422.50	25.56	396.94
MW-6	05/15/2008	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---
MW-7	08/21/2006	---	---	---	---	---	---	---	---	---	---	---	414.35	25.84	388.51
MW-7	08/24/2006	<47.2	<50.0	<0.500	<0.500	<0.500	<0.500	2.63	751	<0.500	<0.500	<0.500	414.35	26.21	388.14
MW-7	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	06/05/2007	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	02/15/2008	Insufficient water		---	---	---	---	---	---	---	---	---	414.35	27.95	386.40
MW-7	05/27/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	2.0	<10	<2.0	<2.0	<2.0	414.35	26.93	387.42
MW-7	08/05/2008	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	11/17/2008	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	02/05/2009	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	05/07/2009	Insufficient water		---	---	---	---	---	---	---	---	---	414.35	27.96	386.39
MW-7	08/20/2009	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	11/10/2009	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	02/15/2010	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	414.35	27.55	386.80
MW-7	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	414.35	25.02	389.33
MW-7	08/09/2010	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	11/08/2010	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	01/25/2011	Well dry	---	---	---	---	---	---	---	---	---	---	414.35	---	---
MW-7	02/16/2011	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---
MW-8	08/21/2006	---	---	---	---	---	---	---	---	---	---	---	414.54	23.02	391.52
MW-8	08/24/2006	74.5	110	<0.500	<0.500	<0.500	<0.500	4.62	6,610	<0.500	<0.500	<0.500	414.54	23.17	391.37

TABLE 1

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

Well ID	*Date*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*
MW-8	11/02/2006	96	92	<0.50	<0.50	<0.50	<1.0	1.4	2,300	<2.0	<2.0	<2.0	414.54	27.69	386.85
MW-8	01/29/2007	<50	<50	<0.50	<0.50	<0.50	<1.0	0.51	350	<2.0	<2.0	<2.0	414.54	26.40	388.14
MW-8	06/05/2007	120	<50 f	<0.50	<1.0	<1.0	<1.0	0.48 g	290	<2.0	<2.0	<2.0	414.54	25.17	389.37
MW-8	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	414.54	---	---
MW-8	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	414.54	---	---
MW-8	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	414.54	24.66	389.88
MW-8	05/27/2008	<50	58	<0.50	<1.0	<1.0	<1.0	1.4	520	<2.0	<2.0	<2.0	414.54	25.98	388.56
MW-8	08/05/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	34	<2.0	<2.0	<2.0	414.54	26.62	387.92
MW-8	11/17/2008	Well dry	---	---	---	---	---	---	---	---	---	---	414.54	---	---
MW-8	02/05/2009	Insufficient water		---	---	---	---	---	---	---	---	---	414.54	28.62	385.92
MW-8	05/07/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	414.54	24.20	390.34
MW-8	08/20/2009	Insufficient water		---	---	---	---	---	---	---	---	---	414.54	28.31	386.23
MW-8	11/10/2009	Insufficient water		---	---	---	---	---	---	---	---	---	414.54	28.52	386.02
MW-8	02/15/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	414.54	25.93	388.61
MW-8	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	414.54	23.89	390.65
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-8B	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	414.81	26.81	388.00
MW-8B	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	17	65	<2.0	<2.0	<2.0	414.81	26.23	388.58
MW-8B	05/27/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	23	33	<2.0	<2.0	<2.0	414.81	25.51	389.30
MW-8B	08/05/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	11	<10	<2.0	<2.0	<2.0	414.81	28.72	386.09
MW-8B	11/17/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	6.3	<10	<2.0	<2.0	<2.0	414.81	31.66	383.15
MW-8B	02/05/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	5.4	<10	<2.0	<2.0	<2.0	414.81	30.97	383.84
MW-8B	05/07/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	6.4	<10	<2.0	<2.0	<2.0	414.81	25.92	388.89
MW-8B	08/20/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	3.8	<10	<2.0	<2.0	<2.0	414.81	30.13	384.68
MW-8B	11/10/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	2.5	<10	<2.0	<2.0	<2.0	414.81	30.28	384.53

TABLE 1

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

Well ID	*Date*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*
MW-8B	02/15/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	2.2	<10	<2.0	<2.0	<2.0	414.81	27.54	387.27
MW-8B	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	414.81	25.36	389.45
MW-8B	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	1.9	<10	<2.0	<2.0	<2.0	414.81	23.18	391.63
MW-8B	08/09/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	2.0	<10	<2.0	<2.0	<2.0	414.81	27.90	386.91
MW-8B	11/08/2010	58 e	<50	<0.50	<1.0	<1.0	<1.0	1.4	<10	<2.0	<2.0	<2.0	414.81	31.22	383.59
MW-8B	01/25/2011	<500	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	414.81	27.44	387.37
MW-8B	**05/23/2011**	**<48**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**1.4**	**<10**	**<1.0**	**<1.0**	**<1.0**	**414.81**	**21.18**	**393.63**
MW-9	08/21/2006	---	---	---	---	---	---	---	---	---	---	---	412.69	27.75	384.94
MW-9	08/24/2006	69.9	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	86.8	<0.500	<0.500	<0.500	412.69	28.35	384.34
MW-9	11/02/2006	---	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	412.69	28.43	384.26
MW-9	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	06/05/2007	Insufficient water		---	---	---	---	---	---	---	---	---	412.69	28.72	383.97
MW-9	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	02/15/2008	Insufficient water		---	---	---	---	---	---	---	---	---	412.69	28.00	384.69
MW-9	05/27/2008	---	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	412.69	27.93	384.76
MW-9	08/05/2008	Insufficient water		---	---	---	---	---	---	---	---	---	412.69	28.40	384.29
MW-9	11/17/2008	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	02/05/2009	Insufficient water		---	---	---	---	---	---	---	---	---	412.69	28.54	384.15
MW-9	05/07/2009	Insufficient water		---	---	---	---	---	---	---	---	---	412.69	28.41	384.28
MW-9	08/20/2009	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	11/10/2009	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	02/15/2010	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	412.69	28.75	383.94
MW-9	05/07/2010	Insufficient water		---	---	---	---	---	---	---	---	---	412.69	28.35	384.34
MW-9	08/09/2010	330 e	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	412.69	28.03	384.66
MW-9	11/08/2010	730 e	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	412.69	28.50	384.19
MW-9	01/25/2011	Well dry	---	---	---	---	---	---	---	---	---	---	412.69	---	---
MW-9	02/16/2011	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---

TABLE 1

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

Well ID	*Date*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*
MW-10	08/21/2006	---	---	---	---	---	---	---	---	---	---	---	419.48	23.90	395.58
MW-10	08/24/2006	100	626	1.04	<0.500	1.22	<0.500	12.4	5,740	<0.500	<0.500	<0.500	419.48	24.02	395.46
MW-10	11/02/2006	---	---	---	---	---	---	---	---	---	---	---	419.48	28.50	390.98
MW-10	01/29/2007	<50	91	<0.50	<0.50	<0.50	<1.0	4.9	1,900	<2.0	<2.0	<2.0	419.48	27.30	392.18
MW-10	06/05/2007	150	82 f	<0.50	<1.0	<1.0	<1.0	1.3	540	<2.0	<2.0	<2.0	419.48	26.09	393.39
MW-10	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	419.48	---	---
MW-10	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	419.48	---	---
MW-10	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	1.6	500	<2.0	<2.0	<2.0	419.48	25.58	393.90
MW-11	08/21/2006	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/24/2006	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/02/2006	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	01/29/2007	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	06/05/2007	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/27/2007	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/30/2007	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	02/15/2008	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	05/27/2008	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/05/2008	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/17/2008	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	02/05/2009	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	05/07/2009	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/20/2009	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/10/2009	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	02/15/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	03/19/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	05/07/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	08/09/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	11/08/2010	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---

TABLE 1

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

Well ID	*Date*	*TPHd* (µg/L)	*TPHg* (µg/L)	*B* (µg/L)	*T* (µg/L)	*E* (µg/L)	*X* (µg/L)	*MTBE* (µg/L)	*TBA* (µg/L)	*DIPE* (µg/L)	*ETBE* (µg/L)	*TAME* (µg/L)	*TOC* (ft MSL)	*Depth to Water* (ft TOC)	*GW Elevation* (ft MSL)
MW-11	01/25/2011	Well dry	---	---	---	---	---	---	---	---	---	---	409.69	---	---
MW-11	02/17/2011	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---
MW-11B	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	409.03	31.47	377.56
MW-11B	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	31.53	377.50
MW-11B	05/27/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	30.83	378.20
MW-11B	08/05/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	33.51	375.52
MW-11B	11/17/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	35.80	373.23
MW-11B	02/05/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	36.11	372.92
MW-11B	05/07/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	31.21	377.82
MW-11B	08/20/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	34.68	374.35
MW-11B	11/10/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	35.74	373.29
MW-11B	02/15/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	32.30	376.73
MW-11B	03/19/2010	---	---	---	---	---	---	---	---	---	---	---	409.03	30.54	378.49
MW-11B	05/07/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	28.62	380.41
MW-11B	08/09/2010	<50	<50	5.6	<1.0	<1.0	1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	32.62	376.41
MW-11B	11/08/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	409.03	35.95	373.08
MW-11B	01/25/2011	<470	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	409.03	32.92	376.11
MW-11B	**05/23/2011**	**<47**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<1.0**	**<10**	**<1.0**	**<1.0**	**<1.0**	**409.03**	**27.28**	**381.75**
MW-12	02/07/2008	---	---	---	---	---	---	---	---	---	---	---	411.18	31.10	380.08
MW-12	02/15/2008	<50	<50 f	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	31.22	379.96
MW-12	05/27/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	30.53	380.65
MW-12	08/05/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	33.29	377.89
MW-12	11/17/2008	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	35.20	375.98
MW-12	02/05/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	35.12	376.06
MW-12	05/07/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	30.81	380.37
MW-12	08/20/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	34.21	376.97
MW-12	11/10/2009	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	34.75	376.43
MW-12	02/15/2010	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	411.18	31.99	379.19

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	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-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-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-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-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-14C	**05/11/2011**	**Well compromised during installation**					**---**	**---**	**---**	**---**	**---**	**---**	**413.48**	**---**	**---**
MW-14C	**05/23/2011**	**Well compromised during installation**					**---**	**---**	**---**	**---**	**---**	**---**	**413.48**	**---**	**---**

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

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)

TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
TOC = Top of casing elevation, in feet relative to mean sea level
GW = Groundwater
µg/L = Micrograms per liter
ft = Feet
MSL = Mean sea level
<x = Not detected at reporting limit x
--- = Not analyzed or available

c = TPHd analyzed without silica gel clean-up.
e = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
f = Analyzed by EPA Method 8015B (M)
g = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
i = Hydrocarbon result partly due to individual peak(s) in quantitation range

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, Inc.

APPENDIX A

BLAINE TECH SERVICES, INC. - FIELD NOTES

WELL GAUGING DATA

Project # 110511-DR1 Date 5/11/11 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-2R	1239	2					20.87	45.20		
MW-2RB	1235	2					22.28	67.51		
MW-2RC	1136	2					27.01	100.51		
MW-13	—	—					—	—		
MW-13B	—	—					—	—		
MW-13C	—	—					—	—		
MW-14B	0803	2					20.37	67.57		
MW-14C	0807	2					9.73	79.02	↓	

WELL DEVELOPMENT DATA SHEET

Project #: 110511-DR1	Client: Shell
Developer: (DR) / JP	Date Developed: 5/11/11
Well I.D. MW-2R	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 45.20 After 45.31	Depth to Water: Before 20.87 After 40.78
Reason not developed:	If Free Product, thickness:
Additional Notations: Achieved hard bottom on surge. W'd meter for Ph levels. Ga	

* Surged well for 15 minutes

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

3.9	X	10	=	39.0
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump ___

Other equipment used Surge block and nylon rope

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	DTW NOTATIONS:
1442	65.8	7.93	1011	>1000	3.9	30.48 Achieved hard b-Hom
1450	65.8	8.13	972.3	692	7.8	33.61
1458	65.2	8.32	969.4	307	11.7	35.42
1506	66.2	8.34	1013	235	15.6	37.00
1514	65.6	8.35	971.9	322	19.5	39.15
1522	66.0	8.31	969.0	309	23.4	39.98
1530	66.1	8.32	970.4	304	27.3	40.12
1538	66.1	8.29	967.7	316	31.2	40.54
1546	66.1	8.30	968.2	312	35.1	40.65
1554	66.0	8.30	967.9	308	39.0	40.91

Did Well Dewater? No	If yes, note above.	Gallons Actually Evacuated:	39.0

WELL DEVELOPMENT DATA SHEET

Project #: 110511-DR1	Client: Shell
Developer: (DR) / JP	Date Developed: 5/11/11
Well I.D. MW-2RB	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: Before 67.51 After 68.22	Depth to Water: Before 22.28 After 26.83
Reason not developed:	If Free Product, thickness:
Additional Notations: Achieved hard bottom on surge.	

* Surged well for 15 minutes

Volume Conversion Factor (VCF):	Well dia.		VCF
$\{12 \times (d^2/4) \times \pi\} / 231$	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
$\pi = 3.1416$	10"	=	4.08
231 = in 3/gal	12"	=	6.87

7.2	X	10	=	72.0
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump _____

Other equipment used Surge block and nylon rope

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	DTW	NOTATIONS:
1316	65.4	7.59	882.3	>1000	7.2	25.55	Achieved hard bottom
1323	66.0	7.32	877.2	796	14.4	25.80	
1331	66.1	7.82	874.3	464	21.6	26.38	
1338	66.0	7.81	884.7	322	28.8	26.74	
1345	66.1	7.86	888.6	309	36.0	26.83	
1352	66.3	7.76	887.9	229	43.2	26.88	
1359	66.1	7.77	891.7	207	50.4	26.89	
1406	66.0	7.78	902.3	199	57.6	26.90	
1413	65.8	7.70	902.7	178	64.8	26.90	
1420	65.7	7.69	901.3	169	72.0	26.90	

Did Well Dewater? No	If yes, note above.	Gallons Actually Evacuated:	72.0

WELL DEVELOPMENT DATA SHEET

Project #: 110511-DR1	Client: Shell
Developer: (DR) / JP	Date Developed: 5/11/11
Well I.D. MW-2AC	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: Before 100.51 After 105.60	Depth to Water: Before 27.01 After 96.58
Reason not developed:	If Free Product, thickness:
Additional Notations: Surged well for 15 minutes	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

11.8	X	10	=	118.0
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump _____

Other equipment used Surge block and nylon rope

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	DTW NOTATIONS:
1218	64.9	8.74	772.3	71000	11.8	92.22
* well	dewatered @		13.0 gal.	DTW=	96.58 TD=	105.06

Did Well Dewater? Yes	If yes, note above.	Gallons Actually Evacuated:	13.0

WELL DEVELOPMENT DATA SHEET

Project #: 110511-DR1	Client: Shell
Developer: (DR) / JP	Date Developed: 5/11/11
Well I.D. MW-14B	Well Diameter: (circle one) (2) 3 4 6 __
Total Well Depth: Before 67.57 After 68.05	Depth to Water: Before 20.37 After 26.29
Reason not developed:	If Free Product, thickness:
Additional Notations: Hard bottom achieved on surge / Surged well for 15 minutes	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

7.6	X	10	=	76.0
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump ____

Other equipment used Surge block and nylon rope

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	DTW NOTATIONS:
0902	64.7	6.73	968.6	>1000	7.6	24.01 Hard bottom achieved.
0911	64.3	6.75	956.3	>1000	15.2	24.53
0919	64.6	6.81	976.5	>1000	22.8	25.51
0927	64.8	6.80	969.7	>1000	30.4	26.54
0935	64.8	6.85	951.3	>1000	38.0	26.71
0942	64.8	6.89	957.2	468	45.6	26.74
0949	64.8	6.84	951.7	302	53.2	26.74
0957	64.9	6.86	949.2	229	60.8	26.74
1005	64.7	6.88	950.1	203	68.4	26.74
1012	64.7	6.89	950.7	196	76.0	26.74

Did Well Dewater? No	If yes, note above.	Gallons Actually Evacuated:	76.0

WELL DEVELOPMENT DATA SHEET

Project #: 110511-DR1	Client: Shell
Developer: DR/JP	Date Developed: 5/11/11
Well I.D. MW-14C	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: Before 79.02 After 80.90	Depth to Water: Before 9.73 After 79.12
Reason not developed:	If Free Product, thickness:
Additional Notations: w/d meter w/ Ph readings. All was good. Re-calibrated anyway. * Surged well for 15 minutes	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

11.1	X	10	=	111.0
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump _____
Other equipment used Surge block and nylon rope

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	DTW NOTATIONS:
1100	62.8	11.07	626.6	>1000	11.1	64.21
* well	dewatered @ 15.5 gal.			DTW=79.12	TD=80.90	

Did Well Dewater? Yes	If yes, note above.	Gallons Actually Evacuated:	15.5

WELL GAUGING DATA

Project # 110513-J01 Date 5-13-4 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-13	0710	2					24.60	45.00		
MW-13B	0713	2					23.40	68.25		
MW-13C	0716	2					26.55	93.13		
MW-14C	1000	2					29.20	80.75		
MW-28C	1020	2					29.95	103.69	↓	

WELL DEVELOPMENT DATA SHEET

Project #: 110513-001	Client: Shell
Developer: DR	Date Developed: 5/13/11
Well I.D. MW-2RC	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: Before 103.69 After 106.19	Depth to Water: Before 29.95 After 100.29
Reason not developed:	If Free Product, thickness:
Additional Notations: Achieved hard bottom. / Surged well for 15 minutes	

Volume Conversion Factor (VCF):	Well dia.		VCF
$\{12 \times (d^2/4) \times \pi\} / 231$	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
$\pi = 3.1416$	10"	=	4.08
231 = in 3/gal	12"	=	6.87

11.8	X	10	=	118.0
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump _____

Other equipment used Surge block w/ nylon rope 80% = 44.70

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	DTW NOTATIONS:
1115	66.7	7.91	1286	>1000	11.8	93.59
* well	dewatered @ 12.5 gal.			TD=104.74		
1152	66.9	7.84	1234	>1000	23.6	93.72 Achieved hard b. Hom
* well	dewatered @	24.0 gal.		TD=105.25		
* well	dewatered prior to 3rd			case volume.	TD=	106.19 30 gal. total

Did Well Dewater? Yes | If yes, note above. | Gallons Actually Evacuated: 30.0

WELL DEVELOPMENT DATA SHEET

Project #: 110593-301	Client: Shell
Developer: DM	Date Developed: 5-13-14
Well I.D. MW-13	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: Before 45.00 After 45.16	Depth to Water: Before 24.60 After 25.19
Reason not developed:	If Free Product, thickness:
Additional Notations: Surged and swabbed for 15 mins (1155)	

Volume Conversion Factor (VCF):	Well dia.		VCF
$\{12 \times (d^2/4) \times \pi\} /231$	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

3.3	X	10	=	33.0
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump _____
Other equipment used Surge block w/ nylon rope

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	DTW	NOTATIONS:
1221	67.2	6.89	1085	>1000	3.3	25.29	Achieved hard bottom.
1227	68.3	6.82	1068	>1000	6.6	25.36	
1233	68.4	6.88	1055	>1000	9.9	25.46	
1240	68.7	6.85	1050	>1000	13.2	25.49	
1246	68.6	6.97	1048	918	16.5	25.52	
1252	68.3	7.12	1048	746	19.8	25.52	
1258	69.9	7.13	1035	509	23.1	25.53	
1304	70.2	7.11	1029	474	26.4	25.53	
1310	70.4	7.09	1033	482	29.7	25.33	
1316	70.5	7.07	1034	479	33.0	25.33	

Did Well Dewater? No	If yes, note above.	Gallons Actually Evacuated:	33.0

WELL DEVELOPMENT DATA SHEET

Project #: 110513-101	Client: Shell
Developer: SO	Date Developed: 5-12-11
Well I.D. MW-13B	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 68.25 After 68.80	Depth to Water: Before 23.40 After 38.80
Reason not developed: —	If Free Product, thickness: —
Additional Notations: Surged and swabbed for 15 mins using 2" surge block (1040)	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

7.2	X	10	=	72 gals
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump ___
Other equipment used Surge Block

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1110	Begin	purging	with	Pump	agitated	well with pump
1121	65.4	7.55	1242	>1000	7.2	Hard Bottom
1131	65.4	7.42	1236	>1000	14.4	Brown / Silty
1137	65.0	7.23	1250	>1000	21.6	
1147	~~65.6~~ 65.6	7.17	1246	>1000	28.8	
1155	65.9	@ ~~7.~~ 7.12	1250	380	36.0	Clearing
1204	66.0	6.98	1240	334	43.2	
1205	66.8	7.00	1232	347	50.4	
1215	66.9	7.09	1238	264	57.6	
1224	66.9	7.02	1235	212	64.8	
1234	67.0	7.05	1231	211	72	

Did Well Dewater? NO If yes, note above. Gallons Actually Evacuated: 72

WELL DEVELOPMENT DATA SHEET

Project #: 110513.101	Client: Shell
Developer: JD	Date Developed: 5-12-11
Well I.D. MW-13C	Well Diameter: (circle one) (2) 3 4 6 __
Total Well Depth: Before 93.13 After 95.55	Depth to Water: Before 26.55 After 75.30
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

10.1	X	10	=	101
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump —
Other equipment used Surge Block

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
0915	- Surged w/ submersible for 15 mins				w/ 2"	surge block
0940	started purge w/ PAD - agitated bottom of well w/ pump					
0750	64.5	7.98	1284	>1000	10.1	Brown/silty semi Hard bottom
0905	64.9	7.20	1299	>1000	20.2	Hard Bottom Brown/silty
0818	58.7	7.12	1278	>1000	30.3	
0831	62.8	7.06	1291	>1000	40.4	
0844	62.3	7.12	1277	>1000	50.5	
0857	62.9	7.03	1267	984	60.6	
0910	62.3	7.07	1269	696	70.7	clearing
0923	62.6	7.10	1259	500	80.8	
0936	62.9	7.17	1267	386	90.9	
0949	62.7	7.15	1270	241	101.0	

Did Well Dewater? NO	If yes, note above.	Gallons Actually Evacuated:	101.0

WELL DEVELOPMENT DATA SHEET

Project #: 110513-J01	Client: SHELL
Developer: JO / DB	Date Developed: 5/13/11
Well I.D. MW-14C	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: Before 80.75 After 85.50	Depth to Water: Before 79.20 After 85.00
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

11.1	X	10	=	111
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump _____
Other equipment used 2" SURGE BLOCK / DI H_2O / Submersible teal pump

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1300	—	Insufficient water to continue development				
	—	Added ~20 gallons DI H_2O per client request				
1307	—	DI H_2O reached TOC				
1308	—	Surged well w/ 2" surge block for 10 minutes				
1324	—	Started purge w/ PAD pump - agitated bottom of well w/ pump				
1345	68.7	11.47	914	774	11.1	BTW = 72.65
1354	—	Well started to dewater, additional 25 gallons DI H_2O added				
1407	68.9	11.10	119.4	154	22.5	HARD BOTTOM REACHED
1425	—	Well dewatered @ 30 gallons				DTW = 85.00
1430						DTW = 84.95
1435						DTW = 84.90
1440						DTW = 84.89
	—	Insufficient recharge to continue development				
Did Well Dewater? YES		If yes, note above.		Gallons Actually Evacuated:		30

WELL GAUGING DATA

Project # 110523-PC1 Date 5/23/11 Client Shell

Site 8999 San Ramon Rd Dublin

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1R	0856	4					21.29	39.84		
MW-2R	0849	2					25.20	45.28		
MW-2RB	0841	2					21.77	68.41		
MW-2RC	0844	2					27.01	106.01		
MW-3R	0850	4					18.31	34.70		
MW-5	0856	4					21.31	28.50		
MW-5B	0900	4					22.41	66.68		
MW-5C	0852	4					27.98	98.59		
MW-8	0901	4					20.12	28.75		
MW-8B	0855	4					21.18	68.55		
MW-11B	0836	4					27.28	38.26		
MW-12	0842	4					27.10	38.67		
MW-13	0828	2					24.57	45.08		
MW-13B	0824	2					23.04	68.65		
MW-13C	0819	2					26.24	95.35		
MW-14B	0809	2					20.19	68.25		
MW-14C	0802	2					83.85	85.28		

SHELL WELL MONITORING DATA SHEET

BTS #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: (PC) / BP	Date: 5/23/11
Well I.D.: MW-1R	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 39.84	Depth to Water (DTW): 21.29
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]: 25.00	

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

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

12.1 (Gals.) X 3 = 36.3 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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0957	66.1	6.90	1032	201	12.1	
1000	66.8	6.77	1011	162	24.2	
1003	67.2	6.58	998.7	1000	36.3	

Did well dewater? Yes (No) Gallons actually evacuated: 36.3

Sampling Date: 5/23/11 Sampling Time: 1430 Depth to Water: 21.18 ✓✓

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: (PC) / BP	Date: 5/23/11
Well I.D.: MW-2R	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 45.28	Depth to Water (DTW): 25.20
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 29.22	

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

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

3.2 (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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or ~~uS~~)	Turbidity (NTUs)	Gals. Removed	Observations
1127	70.0	6.94	948.4	613	3.2	
1141	70.6	6.95	920.5	1000	6.4	
1148	70.8	6.95	875.3	830	9.6	

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

Sampling Date: 5/23/11 Sampling Time: 1200 Depth to Water: (cw) ~~9.6~~ 28.98

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: (PC) / BP	Date: 5/23/11
Well I.D.: MW-2RB	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 68.41	Depth to Water (DTW): 21.77
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 31.10	

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

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

7.4 (Gals.) X 3 = 22.2 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or uS)	Turbidity (NTUs)	Gals. Removed	Observations
1206	70.8	7.00	868.2	71000	7.4	
1215	69.5	7.06	875.8	71000	14.8	
1226	69.4	7.04	880.4	992	22.2	
(BB) 1505						

Did well dewater? Yes (No) Gallons actually evacuated: 22.2

Sampling Date: 5/23/11 Sampling Time: 1505 Depth to Water: 22.87

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: (PC) / BP	Date: 5/23/11
Well I.D.: MW-2RC	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 106.01	Depth to Water (DTW): 27.01
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 42.81	

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

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

1 Case Volume		Specified Volumes		Calculated Volume
12.6	(Gals.) X	3	=	37.8 Gals.

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
11:39	71.1	7.56	1211	>1000	12.6	
1151	well dewatered @		16.5 gallons			
1450	66.7	7.16	1232	524		

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

Sampling Date: 5/23/11 Sampling Time: 1450 Depth to Water: 88.22 (24)

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: (PC) / BP	Date: 5/23/11
Well I.D.: MW-3R	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.70	Depth to Water (DTW): 18.31
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]: 21.59	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- ✗ Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

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

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0936	67.3	9.79	681.4	36	10.7	
0939	67.3	7.01	635.1	91	21.4	
0941	67.9	7.26	637.4	722	32.1	

Did well dewater? Yes (No) Gallons actually evacuated: 32.1

Sampling Date: 5/23/11 Sampling Time: 1410 Depth to Water: 18.31

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: (PC) / BP	Date: 5/23/11
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.50	Depth to Water (DTW): 21.31
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]: 22.75	

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

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

4.7 (Gals.) X	3 =	14.1 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0914	70.1	6.34	1011	163	4.7	
0916	68.9	6.61	1018	76	9.4	
0917	well	dewatered @	10 gallons			
1418	67.9	6.80	1020	78		

Did well dewater? Yes No Gallons actually evacuated: 10

Sampling Date: 5/23/11 Sampling Time: 1418 Depth to Water: 21.31

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: (PC) / BP	Date: 5/23/11
Well I.D.: MW-5B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 66.68	Depth to Water (DTW): 22.41
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]: 31.26	

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

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

28.8 (Gals.) X	3	= 86.4 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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1051	70.8	7.05	1042	47	28.8	
1059	70.6	7.24	1051	84	57.6	
1105	72.3	6.97	1052	39	86.4	

Did well dewater? Yes (No) Gallons actually evacuated: 86.4

Sampling Date: 5/23/11 Sampling Time: 1452 Depth to Water: 23.05

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: (PC) / BP	Date: 5/23/11
Well I.D.: MW-5C	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 98.59	Depth to Water (DTW): 27.98
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 42.10	

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: _____

45.9 (Gals.) X 3 = 137.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or ~~µS~~)	Turbidity (NTUs)	Gals. Removed	Observations
1026	69.3	7.62	1159	503	46	
1035	71.8	7.24	1053	~~<1000~~ >1000	108 92	
1036	well dewatered	@ 100	gallons			
1440	67.3	7.12	1201	18	—	

Did well dewater? (Yes) No Gallons actually evacuated: 100

Sampling Date: 5/23/11 Sampling Time: 1440 Depth to Water: 29.30

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: PC / (BP)	Date: 5/23/11
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.75	Depth to Water (DTW): 20.12
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]: 21.84	

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

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

1 Case Volume		Specified Volumes		Calculated Volume
5.6	(Gals.) X	3	=	16.8 Gals.

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0946	67.5	6.77	482	801	5.6	
0947	Well Dewatered @			11.0 Gals	11.0	DTW: 26.25
1015	69.1	6.65	715	79	—	

Did well dewater? (Yes) No Gallons actually evacuated: 11.0

Sampling Date: 5/23/11 Sampling Time: 1015 Depth to Water: 21.75

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: PC / BP	Date: 5/23/11
Well I.D.: MW - 8B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 68.55	Depth to Water (DTW): 21.18
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]: 30.65	

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: _____

30.8 (Gals.) X	3	= 92.4 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0917	67.2	6.45	816	32	30.8	
0924	68.1	6.59	761	25	61.6	
0931	68.1	6.66	817	117	92.4	DTW: 56.31

Did well dewater? Yes (No) Gallons actually evacuated: 92.4

Sampling Date: 5/23/11 Sampling Time: 1005 Depth to Water: 30.22

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: (PC) / BP	Date: 5/23/11
Well I.D.: MW-11B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 38.26	Depth to Water (DTW): 27.28
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]: 29.48	

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

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

1 Case Volume	Specified Volumes	Calculated Volume
7.1 (Gals.) X	3 =	21.3 Gals.

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1323	68.8	7.04	612.7	160	7.1	
1324	68.3	6.92	627.9	106	14.2	
1326	67.8	7.01	630.1	157	21.3	

Did well dewater? Yes (No) Gallons actually evacuated: 21.3

Sampling Date: 5/23/11 Sampling Time: 1348 Depth to Water: 27.21 W

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: (PC) / BP	Date: 5/23/11
Well I.D.: MW-12	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 38.67	Depth to Water (DTW): 27.10
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]: 29.29	

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

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

7.1 (Gals.) X	3	=	21.3 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
1336	67.1	7.14	592.9	>1000	7.1	
1337	67.7	6.91	627.5	190	14.2	
1338	68.3	6.84	620.9	355	21.3	

Did well dewater? Yes (No) Gallons actually evacuated: 21.3

Sampling Date: 5/23/11 Sampling Time: 1356 Depth to Water: 27.28

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: PC / (BP)	Date: 5/23/11
Well I.D.: MW-13	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 45.08	Depth to Water (DTW): 24.57
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.67	

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

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

3.3 (Gals.) X	3	=	9.9 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1040	66.1	6.51	1068	71000	3.3	
1045	66.6	6.46	1068	71000	6.6	
1050	66.7	6.47	1066	71000	9.9	

Did well dewater? Yes (No) Gallons actually evacuated: 9.9

Sampling Date: 5/23/11 Sampling Time: 1055 Depth to Water: 24.65

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: PC / (BP)	Date: 5/23/11
Well I.D.: MW-13B	Well Diameter: 2 3 4 6 8 ___
Total Well Depth (TD): 68.65	Depth to Water (DTW): 23.04
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.16	

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

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

7.3 (Gals.) X	3	=	21.9 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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1157	66.0	6.99	1154	>1000	7.3	
1207	65.7	6.83	1223	333	14.6	
1218	65.1	6.88	1231	150	21.9	

Did well dewater? Yes (No) Gallons actually evacuated: 21.9

Sampling Date: 5/23/11 Sampling Time: 1235 Depth to Water: 26.10

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: PC / (BP)	Date: 5/23/11
Well I.D.: MW-13C	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 95.35	Depth to Water (DTW): 26.24
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 40.06	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1114	64.7	6.86	1287	327	11.1	
1130	64.5	6.89	1290	346	22.2	
1145	64.4	6.91	1282	351	33.3	DTW: 62.28

Did well dewater? Yes (No) Gallons actually evacuated: 33.3

Sampling Date: 5/23/11 Sampling Time: 1225 Depth to Water: 37.13

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: PC / (BP)	Date: 5/23/11
Well I.D.: MW-14B	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 68.25	Depth to Water (DTW): 20.19
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]: 29.80	

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: _____

7.7 (Gals.) X 3 = 23.1 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1405	68.6	6.92	927	>1000	7.7	
1416	67.8	6.87	928	400	15.4	
1426	67.4	6.86	929	193	23.1	

Did well dewater? Yes (No) Gallons actually evacuated: 23.1

Sampling Date: 5/23/11 Sampling Time: 1435 Depth to Water: 22.52

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 #: 110523-PC1	Site: 8999 San Ramon Rd Dublin
Sampler: PC / (BB)	Date: 5/23/11
Well I.D.: MW-14C	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 85.28	Depth to Water (DTW): 83.85
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]: 84.13	

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 ___

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

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1345	Attempted to purge well with teflon bailer					
	insufficient water to purge or sample					
	NO sample taken					

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Date: 5/23/11 Sampling Time: — Depth to Water: —

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

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 8999 San Ramon Rd. Dublin Ca. Date 5/11/11

Job Number 110511-DR1 Technician DR Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-2R	X				X				No tag. No lock. Lock added.
MW-2RB	X				X				No tag. No lock. Lock added.
MW-2RC	X				X				No tag. No lock. Lock added
MW-13									
MW-13B									
MW-13C									
MW-14B	X				X				No tag. No lock. Lock added.
MW-14C	X				X				No tag. No lock. Lock added.

*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12"or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

Notes:

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 8999 San Ramon Rd Dublin CA Date 5-13-14

Job Number 110513-J01 Technician SD / DR Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-13	X				X				No tag, NO lock
MW-13B	X				X				No tag NO lock
MW-13C	X				X				NO tag NO lock
MW-14C	X								NO tag
MW-2RC	X								NO tag

*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12"or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

Notes:

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 8999 San Ramon Rd Dublin Date 5/23/11

Job Number 110523-PC1 Technician PC / BP Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-1R	X	X							
MW-2R	X								Annular seal sunken; no tag
MW-2RB	X								NO TAG
MW-2RC	X								NO TAG
MW-3R	X	X							Tag says 'MW-3'
MW-5	X	X							
MW-5B	X	X							
MW-5C	X								Tag sitting in box
MW-8	X	X							
MW-8B	X	X							
MW-11B	X	X	X						
MW-12	X	X							
MW-13	X								No tag
MW-13B	X								No tag
MW-13C	X								No tag
MW-14B	X								No tag
MW-14C	X								No tag

*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12"or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

Notes:

APPENDIX B

TEST AMERICA –
LABORATORY REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

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

Project: 8999 San Ramon Rd., Dublin, CA

Sampled: 05/23/11
Received: 05/26/11
Issued: 06/10/11 14:23

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

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

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IUE2726-01	MW-1R	Water
IUE2726-02	MW-2R	Water
IUE2726-03	MW-2RB	Water
IUE2726-04	MW-2RC	Water
IUE2726-05	MW-3R	Water
IUE2726-06	MW-5	Water
IUE2726-07	MW-5B	Water
IUE2726-08	MW-5C	Water
IUE2726-09	MW-8	Water
IUE2726-10	MW-8B	Water
IUE2726-11	MW-11B	Water
IUE2726-12	MW-12	Water
IUE2726-13	MW-13	Water
IUE2726-14	MW-13B	Water
IUE2726-15	MW-13C	Water
IUE2726-16	MW-14B	Water

Reviewed By:

Philip Sanelle

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-01 (MW-1R - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	48	ND	0.952	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*76 %*				
Sample ID: IUE2726-02 (MW-2R - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	48	**140**	0.952	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*85 %*				
Sample ID: IUE2726-03 (MW-2RB - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	47	**61**	0.943	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*67 %*				
Sample ID: IUE2726-04 (MW-2RC - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	47	ND	0.943	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*76 %*				
Sample ID: IUE2726-05 (MW-3R - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	48	ND	0.952	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*69 %*				
Sample ID: IUE2726-06 (MW-5 - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	47	ND	0.943	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*72 %*				
Sample ID: IUE2726-07 (MW-5B - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	47	ND	0.943	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*76 %*				
Sample ID: IUE2726-08 (MW-5C - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	47	ND	0.943	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*73 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-09 (MW-8 - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	48	ND	0.952	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*47 %*				
Sample ID: IUE2726-10 (MW-8B - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	48	ND	0.952	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*72 %*				
Sample ID: IUE2726-11 (MW-11B - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	47	ND	0.943	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*71 %*				
Sample ID: IUE2726-12 (MW-12 - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	47	ND	0.943	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*81 %*				
Sample ID: IUE2726-13 (MW-13 - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	47	ND	0.943	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*71 %*				
Sample ID: IUE2726-14 (MW-13B - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	48	**210**	0.952	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*76 %*				
Sample ID: IUE2726-15 (MW-13C - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	47	**52**	0.943	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*80 %*				
Sample ID: IUE2726-16 (MW-14B - Water)								
Reporting Units: ug/l								
DRO (C10-C28)	EPA 8015B	11E3872	47	**58**	0.943	5/27/2011	5/28/2011	
Surrogate: n-Octacosane (45-120%)				*62 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

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

Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-01 (MW-1R - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0648	250	ND	5	6/6/2011	6/6/2011	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*87 %*				
Sample ID: IUE2726-02 (MW-2R - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0606	50	**1100**	1	6/5/2011	6/5/2011	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*99 %*				
Sample ID: IUE2726-03 (MW-2RB - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0606	50	ND	1	6/5/2011	6/5/2011	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Sample ID: IUE2726-04 (MW-2RC - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0606	50	ND	1	6/5/2011	6/5/2011	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Sample ID: IUE2726-05 (MW-3R - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0546	50	ND	1	6/4/2011	6/5/2011	
Surrogate: Dibromofluoromethane (80-120%)				*113 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				
Sample ID: IUE2726-06 (MW-5 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0606	50	ND	1	6/5/2011	6/5/2011	
Surrogate: Dibromofluoromethane (80-120%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-07 (MW-5B - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0650	50	ND	1	6/6/2011	6/6/2011	
Surrogate: Dibromofluoromethane (80-120%)				*95 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IUE2726-08 (MW-5C - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0546	50	**160**	1	6/4/2011	6/5/2011	QP1
Surrogate: Dibromofluoromethane (80-120%)				*113 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IUE2726-09 (MW-8 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0546	50	ND	1	6/4/2011	6/5/2011	
Surrogate: Dibromofluoromethane (80-120%)				*116 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				
Sample ID: IUE2726-10 (MW-8B - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0546	50	ND	1	6/4/2011	6/5/2011	
Surrogate: Dibromofluoromethane (80-120%)				*117 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Sample ID: IUE2726-11 (MW-11B - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0546	50	ND	1	6/4/2011	6/5/2011	
Surrogate: Dibromofluoromethane (80-120%)				*114 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*91 %*				
Sample ID: IUE2726-12 (MW-12 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0648	50	ND	1	6/6/2011	6/6/2011	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

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

Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-13 (MW-13 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0606	50	ND	1	6/5/2011	6/5/2011	
Surrogate: Dibromofluoromethane (80-120%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IUE2726-14 (MW-13B - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0606	50	ND	1	6/5/2011	6/5/2011	
Surrogate: Dibromofluoromethane (80-120%)				*103 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Sample ID: IUE2726-15 (MW-13C - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0606	50	**94**	1	6/5/2011	6/5/2011	
Surrogate: Dibromofluoromethane (80-120%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Sample ID: IUE2726-16 (MW-14B - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11F0606	50	ND	1	6/5/2011	6/5/2011	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*91 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-01 (MW-1R - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0648	2.5	ND	5	6/6/2011	6/6/2011	
Ethylbenzene	EPA 8260B	11F0648	2.5	ND	5	6/6/2011	6/6/2011	
Toluene	EPA 8260B	11F0648	2.5	ND	5	6/6/2011	6/6/2011	
Xylenes, Total	EPA 8260B	11F0648	5.0	ND	5	6/6/2011	6/6/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0648	5.0	ND	5	6/6/2011	6/6/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0648	5.0	ND	5	6/6/2011	6/6/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0648	5.0	ND	5	6/6/2011	6/6/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0648	5.0	ND	5	6/6/2011	6/6/2011	
tert-Butanol (TBA)	EPA 8260B	11F0648	50	**2400**	5	6/6/2011	6/6/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*87 %*				
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Sample ID: IUE2726-02 (MW-2R - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Toluene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0606	1.0	**1.5**	1	6/5/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0606	10	**140**	1	6/5/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*99 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-03 (MW-2RB - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Toluene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0606	1.0	**29**	1	6/5/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0606	10	**10**	1	6/5/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Sample ID: IUE2726-04 (MW-2RC - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Toluene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0606	1.0	**31**	1	6/5/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0606	10	**14**	1	6/5/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-05 (MW-3R - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Toluene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0546	10	ND	1	6/4/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				
Surrogate: Dibromofluoromethane (80-120%)				*113 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Sample ID: IUE2726-06 (MW-5 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Toluene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0606	1.0	**1.3**	1	6/5/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0606	10	ND	1	6/5/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Surrogate: Dibromofluoromethane (80-120%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-07 (MW-5B - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0650	0.50	ND	1	6/6/2011	6/6/2011	
Ethylbenzene	EPA 8260B	11F0650	0.50	ND	1	6/6/2011	6/6/2011	
Toluene	EPA 8260B	11F0650	0.50	ND	1	6/6/2011	6/6/2011	
Xylenes, Total	EPA 8260B	11F0650	1.0	ND	1	6/6/2011	6/6/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0650	1.0	ND	1	6/6/2011	6/6/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0650	1.0	ND	1	6/6/2011	6/6/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0650	1.0	**72**	1	6/6/2011	6/6/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0650	1.0	ND	1	6/6/2011	6/6/2011	
tert-Butanol (TBA)	EPA 8260B	11F0650	10	ND	1	6/6/2011	6/6/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Surrogate: Dibromofluoromethane (80-120%)				*95 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Sample ID: IUE2726-08 (MW-5C - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Toluene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0546	1.0	**210**	1	6/4/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0546	10	ND	1	6/4/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Surrogate: Dibromofluoromethane (80-120%)				*113 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-09 (MW-8 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Toluene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0546	1.0	**2.0**	1	6/4/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0546	10	**600**	1	6/4/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				
Surrogate: Dibromofluoromethane (80-120%)				*116 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Sample ID: IUE2726-10 (MW-8B - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Toluene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0546	1.0	**1.4**	1	6/4/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0546	10	ND	1	6/4/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Surrogate: Dibromofluoromethane (80-120%)				*117 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-11 (MW-11B - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Toluene	EPA 8260B	11F0546	0.50	ND	1	6/4/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0546	1.0	ND	1	6/4/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0546	10	ND	1	6/4/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*91 %*				
Surrogate: Dibromofluoromethane (80-120%)				*114 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Sample ID: IUE2726-12 (MW-12 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0648	0.50	ND	1	6/6/2011	6/6/2011	
Ethylbenzene	EPA 8260B	11F0648	0.50	ND	1	6/6/2011	6/6/2011	
Toluene	EPA 8260B	11F0648	0.50	ND	1	6/6/2011	6/6/2011	
Xylenes, Total	EPA 8260B	11F0648	1.0	ND	1	6/6/2011	6/6/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0648	1.0	ND	1	6/6/2011	6/6/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0648	1.0	ND	1	6/6/2011	6/6/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0648	1.0	ND	1	6/6/2011	6/6/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0648	1.0	ND	1	6/6/2011	6/6/2011	
tert-Butanol (TBA)	EPA 8260B	11F0648	10	ND	1	6/6/2011	6/6/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-13 (MW-13 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Toluene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0606	10	ND	1	6/5/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Surrogate: Dibromofluoromethane (80-120%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Sample ID: IUE2726-14 (MW-13B - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Toluene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0606	1.0	**17**	1	6/5/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0606	10	ND	1	6/5/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Surrogate: Dibromofluoromethane (80-120%)				*103 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

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

Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUE2726-15 (MW-13C - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Toluene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0606	1.0	**140**	1	6/5/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0606	10	**44**	1	6/5/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Surrogate: Dibromofluoromethane (80-120%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Sample ID: IUE2726-16 (MW-14B - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Ethylbenzene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Toluene	EPA 8260B	11F0606	0.50	ND	1	6/5/2011	6/5/2011	
Xylenes, Total	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11F0606	1.0	**4.5**	1	6/5/2011	6/5/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11F0606	1.0	ND	1	6/5/2011	6/5/2011	
tert-Butanol (TBA)	EPA 8260B	11F0606	10	ND	1	6/5/2011	6/5/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*91 %*				
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11E3872 Extracted: 05/27/11										
Blank Analyzed: 05/28/2011 (11E3872-BLK1)										
DRO (C10-C28)	ND	50	ug/l							
Surrogate: n-Octacosane	*96.1*		*ug/l*	*200*		*48*	*45-120*			
LCS Analyzed: 05/28/2011 (11E3872-BS1)										**MNR1**
DRO (C10-C28)	733	50	ug/l	1000		73	40-115			
Surrogate: n-Octacosane	*154*		*ug/l*	*200*		*77*	*45-120*			
LCS Dup Analyzed: 05/28/2011 (11E3872-BSD1)										
DRO (C10-C28)	775	50	ug/l	1000		77	40-115	6	25	
Surrogate: n-Octacosane	*163*		*ug/l*	*200*		*81*	*45-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11F0546 Extracted: 06/04/11										
Blank Analyzed: 06/04/2011 (11F0546-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
LCS Analyzed: 06/04/2011 (11F0546-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	599	50	ug/l	500		120	55-130			
Surrogate: Dibromofluoromethane	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*101*	*80-120*			
Matrix Spike Analyzed: 06/04/2011 (11F0546-MS1)					**Source: IUE2862-01**					
Volatile Fuel Hydrocarbons (C4-C12)	1580	50	ug/l	1720	ND	92	50-145			
Surrogate: Dibromofluoromethane	*27.7*		*ug/l*	*25.0*		*111*	*80-120*			
Surrogate: Toluene-d8	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Matrix Spike Dup Analyzed: 06/04/2011 (11F0546-MSD1)					**Source: IUE2862-01**					
Volatile Fuel Hydrocarbons (C4-C12)	1650	50	ug/l	1720	ND	96	50-145	4	20	
Surrogate: Dibromofluoromethane	*27.6*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Batch: 11F0606 Extracted: 06/05/11										
Blank Analyzed: 06/05/2011 (11F0606-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

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

Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11F0606 Extracted: 06/05/11										
LCS Analyzed: 06/05/2011 (11F0606-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	384	50	ug/l	500		77	55-130			
Surrogate: Dibromofluoromethane	*25.4*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*26.3*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
Matrix Spike Analyzed: 06/05/2011 (11F0606-MS1)					**Source: IUE2726-02**					
Volatile Fuel Hydrocarbons (C4-C12)	2240	50	ug/l	1720	1100	66	50-145			
Surrogate: Dibromofluoromethane	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: Toluene-d8	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Matrix Spike Dup Analyzed: 06/05/2011 (11F0606-MSD1)					**Source: IUE2726-02**					
Volatile Fuel Hydrocarbons (C4-C12)	2140	50	ug/l	1720	1100	60	50-145	5	20	
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*26.1*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Batch: 11F0648 Extracted: 06/06/11										
Blank Analyzed: 06/06/2011 (11F0648-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			
LCS Analyzed: 06/06/2011 (11F0648-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	571	50	ug/l	500		114	55-130			
Surrogate: Dibromofluoromethane	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: Toluene-d8	*25.4*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

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

Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11F0648 Extracted: 06/06/11										
Matrix Spike Analyzed: 06/06/2011 (11F0648-MS1)					**Source: IUE2751-05**					
Volatile Fuel Hydrocarbons (C4-C12)	1450	50	ug/l	1720	ND	84	50-145			
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*23.6*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*101*	*80-120*			
Matrix Spike Dup Analyzed: 06/06/2011 (11F0648-MSD1)					**Source: IUE2751-05**					
Volatile Fuel Hydrocarbons (C4-C12)	1510	50	ug/l	1720	ND	88	50-145	4	20	
Surrogate: Dibromofluoromethane	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
Batch: 11F0650 Extracted: 06/06/11										
Blank Analyzed: 06/06/2011 (11F0650-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.9*		*ug/l*	*25.0*		*96*	*80-120*			
LCS Analyzed: 06/06/2011 (11F0650-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	476	50	ug/l	500		95	55-130			
Surrogate: Dibromofluoromethane	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Matrix Spike Analyzed: 06/06/2011 (11F0650-MS1)					**Source: IUE2726-07**					
Volatile Fuel Hydrocarbons (C4-C12)	1120	50	ug/l	1720	42.9	62	50-145			
Surrogate: Dibromofluoromethane	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11F0650 Extracted: 06/06/11										
Matrix Spike Dup Analyzed: 06/06/2011 (11F0650-MSD1)					**Source: IUE2726-07**					
Volatile Fuel Hydrocarbons (C4-C12)	1110	50	ug/l	1720	42.9	62	50-145	0.6	20	
Surrogate: Dibromofluoromethane	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.1*		*ug/l*	*25.0*		*96*	*80-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11F0546 Extracted: 06/04/11										
Blank Analyzed: 06/04/2011 (11F0546-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	1.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
Surrogate: 4-Bromofluorobenzene	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
LCS Analyzed: 06/04/2011 (11F0546-BS1)										
Benzene	26.9	0.50	ug/l	25.0		108	70-120			
Ethylbenzene	29.1	0.50	ug/l	25.0		117	75-125			
Toluene	29.2	0.50	ug/l	25.0		117	70-120			
m,p-Xylenes	56.8	1.0	ug/l	50.0		114	75-125			
o-Xylene	30.0	0.50	ug/l	25.0		120	75-125			
Xylenes, Total	86.8	1.0	ug/l	75.0		116	70-125			
Di-isopropyl Ether (DIPE)	31.6	1.0	ug/l	25.0		126	60-135			
Ethyl tert-Butyl Ether (ETBE)	31.8	1.0	ug/l	25.0		127	65-135			
Methyl-tert-butyl Ether (MTBE)	25.1	1.0	ug/l	25.0		100	60-135			
tert-Amyl Methyl Ether (TAME)	28.8	1.0	ug/l	25.0		115	60-135			
tert-Butanol (TBA)	143	10	ug/l	125		114	70-135			
Surrogate: 4-Bromofluorobenzene	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: Dibromofluoromethane	*27.7*		*ug/l*	*25.0*		*111*	*80-120*			
Surrogate: Toluene-d8	*26.5*		*ug/l*	*25.0*		*106*	*80-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11F0546 Extracted: 06/04/11										
Matrix Spike Analyzed: 06/04/2011 (11F0546-MS1)					**Source: IUE2862-01**					
Benzene	25.1	0.50	ug/l	25.0	ND	100	65-125			
Ethylbenzene	27.7	0.50	ug/l	25.0	ND	111	65-130			
Toluene	26.2	0.50	ug/l	25.0	ND	105	70-125			
m,p-Xylenes	56.3	1.0	ug/l	50.0	ND	113	65-130			
o-Xylene	27.4	0.50	ug/l	25.0	ND	110	65-125			
Xylenes, Total	83.8	1.0	ug/l	75.0	ND	112	60-130			
Di-isopropyl Ether (DIPE)	33.9	1.0	ug/l	25.0	ND	135	60-140			
Ethyl tert-Butyl Ether (ETBE)	33.0	1.0	ug/l	25.0	ND	132	60-135			
Methyl-tert-butyl Ether (MTBE)	28.0	1.0	ug/l	25.0	ND	112	55-145			
tert-Amyl Methyl Ether (TAME)	30.5	1.0	ug/l	25.0	ND	122	60-140			
tert-Butanol (TBA)	142	10	ug/l	125	ND	114	65-140			
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*27.7*		*ug/l*	*25.0*		*111*	*80-120*			
Surrogate: Toluene-d8	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Matrix Spike Dup Analyzed: 06/04/2011 (11F0546-MSD1)					**Source: IUE2862-01**					
Benzene	27.7	0.50	ug/l	25.0	ND	111	65-125	10	20	
Ethylbenzene	30.8	0.50	ug/l	25.0	ND	123	65-130	11	20	
Toluene	28.0	0.50	ug/l	25.0	ND	112	70-125	7	20	
m,p-Xylenes	59.8	1.0	ug/l	50.0	ND	120	65-130	6	25	
o-Xylene	30.6	0.50	ug/l	25.0	ND	123	65-125	11	20	
Xylenes, Total	90.4	1.0	ug/l	75.0	ND	121	60-130	8	20	
Di-isopropyl Ether (DIPE)	35.3	1.0	ug/l	25.0	ND	141	60-140	4	25	*M1*
Ethyl tert-Butyl Ether (ETBE)	35.1	1.0	ug/l	25.0	ND	141	60-135	6	25	*M1*
Methyl-tert-butyl Ether (MTBE)	29.9	1.0	ug/l	25.0	ND	120	55-145	7	25	
tert-Amyl Methyl Ether (TAME)	32.8	1.0	ug/l	25.0	ND	131	60-140	7	30	
tert-Butanol (TBA)	148	10	ug/l	125	ND	119	65-140	4	25	
Surrogate: 4-Bromofluorobenzene	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Dibromofluoromethane	*27.6*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

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

Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11F0606 Extracted: 06/05/11										
Blank Analyzed: 06/05/2011 (11F0606-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	1.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
LCS Analyzed: 06/05/2011 (11F0606-BS1)										
Benzene	24.4	0.50	ug/l	25.0		98	70-120			
Ethylbenzene	25.4	0.50	ug/l	25.0		102	75-125			
Toluene	25.2	0.50	ug/l	25.0		101	70-120			
m,p-Xylenes	50.6	1.0	ug/l	50.0		101	75-125			
o-Xylene	25.6	0.50	ug/l	25.0		102	75-125			
Xylenes, Total	76.2	1.0	ug/l	75.0		102	70-125			
Di-isopropyl Ether (DIPE)	23.5	1.0	ug/l	25.0		94	60-135			
Ethyl tert-Butyl Ether (ETBE)	24.1	1.0	ug/l	25.0		96	65-135			
Methyl-tert-butyl Ether (MTBE)	22.7	1.0	ug/l	25.0		91	60-135			
tert-Amyl Methyl Ether (TAME)	26.0	1.0	ug/l	25.0		104	60-135			
tert-Butanol (TBA)	146	10	ug/l	125		117	70-135			
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

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

Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11F0606 Extracted: 06/05/11										
Matrix Spike Analyzed: 06/05/2011 (11F0606-MS1)					**Source: IUE2726-02**					
Benzene	22.4	0.50	ug/l	25.0	ND	90	65-125			
Ethylbenzene	23.8	0.50	ug/l	25.0	ND	95	65-130			
Toluene	24.7	0.50	ug/l	25.0	ND	99	70-125			
m,p-Xylenes	46.7	1.0	ug/l	50.0	ND	93	65-130			
o-Xylene	24.4	0.50	ug/l	25.0	ND	98	65-125			
Xylenes, Total	71.2	1.0	ug/l	75.0	ND	95	60-130			
Di-isopropyl Ether (DIPE)	24.2	1.0	ug/l	25.0	ND	97	60-140			
Ethyl tert-Butyl Ether (ETBE)	25.8	1.0	ug/l	25.0	ND	103	60-135			
Methyl-tert-butyl Ether (MTBE)	25.5	1.0	ug/l	25.0	1.49	96	55-145			
tert-Amyl Methyl Ether (TAME)	27.9	1.0	ug/l	25.0	ND	112	60-140			
tert-Butanol (TBA)	275	10	ug/l	125	144	105	65-140			
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Dibromofluoromethane	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: Toluene-d8	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Matrix Spike Dup Analyzed: 06/05/2011 (11F0606-MSD1)					**Source: IUE2726-02**					
Benzene	22.6	0.50	ug/l	25.0	ND	90	65-125	0.8	20	
Ethylbenzene	24.6	0.50	ug/l	25.0	ND	98	65-130	3	20	
Toluene	24.7	0.50	ug/l	25.0	ND	99	70-125	0.04	20	
m,p-Xylenes	48.3	1.0	ug/l	50.0	ND	97	65-130	3	25	
o-Xylene	24.7	0.50	ug/l	25.0	ND	99	65-125	1	20	
Xylenes, Total	73.0	1.0	ug/l	75.0	ND	97	60-130	3	20	
Di-isopropyl Ether (DIPE)	24.5	1.0	ug/l	25.0	ND	98	60-140	1	25	
Ethyl tert-Butyl Ether (ETBE)	26.1	1.0	ug/l	25.0	ND	104	60-135	1	25	
Methyl-tert-butyl Ether (MTBE)	26.2	1.0	ug/l	25.0	1.49	99	55-145	3	25	
tert-Amyl Methyl Ether (TAME)	28.8	1.0	ug/l	25.0	ND	115	60-140	3	30	
tert-Butanol (TBA)	287	10	ug/l	125	144	114	65-140	4	25	
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*26.1*		*ug/l*	*25.0*		*105*	*80-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

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

Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11F0648 Extracted: 06/06/11										
Blank Analyzed: 06/06/2011 (11F0648-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	1.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
Surrogate: 4-Bromofluorobenzene	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
LCS Analyzed: 06/06/2011 (11F0648-BS1)										
Benzene	24.0	0.50	ug/l	25.0		96	70-120			
Ethylbenzene	25.8	0.50	ug/l	25.0		103	75-125			
Toluene	25.8	0.50	ug/l	25.0		103	70-120			
m,p-Xylenes	55.2	1.0	ug/l	50.0		110	75-125			
o-Xylene	27.1	0.50	ug/l	25.0		109	75-125			
Xylenes, Total	82.3	1.0	ug/l	75.0		110	70-125			
Di-isopropyl Ether (DIPE)	27.9	1.0	ug/l	25.0		112	60-135			
Ethyl tert-Butyl Ether (ETBE)	26.8	1.0	ug/l	25.0		107	65-135			
Methyl-tert-butyl Ether (MTBE)	22.2	1.0	ug/l	25.0		89	60-135			
tert-Amyl Methyl Ether (TAME)	24.2	1.0	ug/l	25.0		97	60-135			
tert-Butanol (TBA)	118	10	ug/l	125		94	70-135			
Surrogate: 4-Bromofluorobenzene	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Dibromofluoromethane	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*25.6*		*ug/l*	*25.0*		*103*	*80-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11F0648 Extracted: 06/06/11										
Matrix Spike Analyzed: 06/06/2011 (11F0648-MS1)					**Source: IUE2751-05**					
Benzene	24.4	0.50	ug/l	25.0	ND	97	65-125			
Ethylbenzene	25.6	0.50	ug/l	25.0	ND	102	65-130			
Toluene	25.0	0.50	ug/l	25.0	ND	100	70-125			
m,p-Xylenes	50.7	1.0	ug/l	50.0	ND	101	65-130			
o-Xylene	26.7	0.50	ug/l	25.0	ND	107	65-125			
Xylenes, Total	77.4	1.0	ug/l	75.0	ND	103	60-130			
Di-isopropyl Ether (DIPE)	29.8	1.0	ug/l	25.0	ND	119	60-140			
Ethyl tert-Butyl Ether (ETBE)	30.3	1.0	ug/l	25.0	ND	121	60-135			
Methyl-tert-butyl Ether (MTBE)	24.8	1.0	ug/l	25.0	ND	99	55-145			
tert-Amyl Methyl Ether (TAME)	27.7	1.0	ug/l	25.0	ND	111	60-140			
tert-Butanol (TBA)	129	10	ug/l	125	ND	103	65-140			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*23.6*		*ug/l*	*25.0*		*94*	*80-120*			
Matrix Spike Dup Analyzed: 06/06/2011 (11F0648-MSD1)					**Source: IUE2751-05**					
Benzene	26.5	0.50	ug/l	25.0	ND	106	65-125	9	20	
Ethylbenzene	26.8	0.50	ug/l	25.0	ND	107	65-130	5	20	
Toluene	27.7	0.50	ug/l	25.0	ND	111	70-125	10	20	
m,p-Xylenes	56.1	1.0	ug/l	50.0	ND	112	65-130	10	25	
o-Xylene	26.3	0.50	ug/l	25.0	ND	105	65-125	1	20	
Xylenes, Total	82.4	1.0	ug/l	75.0	ND	110	60-130	6	20	
Di-isopropyl Ether (DIPE)	31.9	1.0	ug/l	25.0	ND	127	60-140	7	25	
Ethyl tert-Butyl Ether (ETBE)	31.3	1.0	ug/l	25.0	ND	125	60-135	3	25	
Methyl-tert-butyl Ether (MTBE)	26.5	1.0	ug/l	25.0	ND	106	55-145	6	25	
tert-Amyl Methyl Ether (TAME)	29.1	1.0	ug/l	25.0	ND	117	60-140	5	30	
tert-Butanol (TBA)	125	10	ug/l	125	ND	100	65-140	3	25	
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Dibromofluoromethane	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

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

Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11F0650 Extracted: 06/06/11										
Blank Analyzed: 06/06/2011 (11F0650-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	1.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
Surrogate: 4-Bromofluorobenzene	*23.9*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Dibromofluoromethane	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
LCS Analyzed: 06/06/2011 (11F0650-BS1)										
Benzene	20.7	0.50	ug/l	25.0		83	70-120			
Ethylbenzene	22.6	0.50	ug/l	25.0		90	75-125			
Toluene	21.2	0.50	ug/l	25.0		85	70-120			
m,p-Xylenes	45.2	1.0	ug/l	50.0		90	75-125			
o-Xylene	22.1	0.50	ug/l	25.0		88	75-125			
Xylenes, Total	67.3	1.0	ug/l	75.0		90	70-125			
Di-isopropyl Ether (DIPE)	19.8	1.0	ug/l	25.0		79	60-135			
Ethyl tert-Butyl Ether (ETBE)	21.6	1.0	ug/l	25.0		87	65-135			
Methyl-tert-butyl Ether (MTBE)	19.7	1.0	ug/l	25.0		79	60-135			
tert-Amyl Methyl Ether (TAME)	21.6	1.0	ug/l	25.0		87	60-135			
tert-Butanol (TBA)	110	10	ug/l	125		88	70-135			
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Toluene-d8	*25.6*		*ug/l*	*25.0*		*103*	*80-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726
Sampled: 05/23/11
Received: 05/26/11

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11F0650 Extracted: 06/06/11										
Matrix Spike Analyzed: 06/06/2011 (11F0650-MS1)					**Source: IUE2726-07**					
Benzene	20.8	0.50	ug/l	25.0	ND	83	65-125			
Ethylbenzene	23.0	0.50	ug/l	25.0	ND	92	65-130			
Toluene	21.3	0.50	ug/l	25.0	ND	85	70-125			
m,p-Xylenes	46.1	1.0	ug/l	50.0	ND	92	65-130			
o-Xylene	22.5	0.50	ug/l	25.0	ND	90	65-125			
Xylenes, Total	68.6	1.0	ug/l	75.0	ND	91	60-130			
Di-isopropyl Ether (DIPE)	20.2	1.0	ug/l	25.0	ND	81	60-140			
Ethyl tert-Butyl Ether (ETBE)	23.4	1.0	ug/l	25.0	ND	93	60-135			
Methyl-tert-butyl Ether (MTBE)	86.7	1.0	ug/l	25.0	71.8	60	55-145			
tert-Amyl Methyl Ether (TAME)	23.4	1.0	ug/l	25.0	ND	94	60-140			
tert-Butanol (TBA)	119	10	ug/l	125	ND	95	65-140			
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Matrix Spike Dup Analyzed: 06/06/2011 (11F0650-MSD1)					**Source: IUE2726-07**					
Benzene	20.6	0.50	ug/l	25.0	ND	82	65-125	1	20	
Ethylbenzene	22.4	0.50	ug/l	25.0	ND	89	65-130	3	20	
Toluene	21.1	0.50	ug/l	25.0	ND	84	70-125	0.8	20	
m,p-Xylenes	44.6	1.0	ug/l	50.0	ND	89	65-130	3	25	
o-Xylene	21.6	0.50	ug/l	25.0	ND	87	65-125	4	20	
Xylenes, Total	66.2	1.0	ug/l	75.0	ND	88	60-130	4	20	
Di-isopropyl Ether (DIPE)	20.0	1.0	ug/l	25.0	ND	80	60-140	1	25	
Ethyl tert-Butyl Ether (ETBE)	24.1	1.0	ug/l	25.0	ND	97	60-135	3	25	
Methyl-tert-butyl Ether (MTBE)	87.4	1.0	ug/l	25.0	71.8	62	55-145	0.8	25	
tert-Amyl Methyl Ether (TAME)	24.8	1.0	ug/l	25.0	ND	99	60-140	6	30	
tert-Butanol (TBA)	119	10	ug/l	125	ND	95	65-140	0.2	25	
Surrogate: 4-Bromofluorobenzene	*24.1*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Dibromofluoromethane	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

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

Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

DATA QUALIFIERS AND DEFINITIONS

M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
QP1	Hydrocarbon result partly due to individual peak(s) in quantitation range.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

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

For Volatile Fuel Hydrocarbons (C4-C12):

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

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

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

TestAmerica Irvine

Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

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

Project ID: 8999 San Ramon Rd., Dublin, CA
Report Number: IUE2726

Sampled: 05/23/11
Received: 05/26/11

Certification Summary

TestAmerica Irvine

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

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

TestAmerica Irvine

Philip Sanelle
Project Manager

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: 135244 Peter Schaefer
PO #: 4 0 - 4 0 3 4 9 7 3
INCIDENT # (ENV SERVICES): 9 7 5 6 5 9 9 5 ☐ CHECK IF NO INCIDENT # APPLIES
SAP #:
DATE: 5/23/11
PAGE: 1 of 2

SAMPLING COMPANY: Blaine Tech Services
LOG CODE: BTSS
SITE ADDRESS: Street and City: 8999 San Ramon Rd., Dublin
State: CA
GLOBAL ID NO.: 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.: 110523-P01
PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King
SAMPLER NAME(S) (Print): P.Lornish, B.Pannel
LAB USE ONLY: #UE2726
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://cralabedduplod.craworld.com/equis/default.aspx) and/or send it to the Shell-US-LabDataManagement@CRAworld.com email folder. 2) Please indicate that you have uploaded the EDD by including "EDD Uploaded to CRA website" in the body of the email used to deliver the final PDF report to the Shell-US-LabDataManagement@CRAworld.com email folder.

Copy final report to Shell.Lab.Billing@craworld.com, ShellEDF@craworld.com,Shell-US-LabDataManagement@CRAworld.com, and esyrstad@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 C°	Container PID Readings or Laboratory Notes
	WG	110523P01	052311	PK	MW-1R	1430	WG	X			X		5	X	X				X							1.0	
					MW-2R	1200		X			X			X	X				X								
					MW-2RB	1505		X			X			X	X				X								
					MW-2RC	1450		X			X			X	X				X								
					MW-3R	1410		X			X			X	X				X								
					MW-5	1418		X			X			X	X				X								
					MW-5B	1452		X			X			X	X				X								
					MW-5C	1440		X			X			X	X				X								
					MW-8	1015		X			X			X	X				X								
					MW-8B	1005		X			X			X	X				X								

0.0 5/27/11 5.4S

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		5/23/11	1620
		5/25/11	1400
5-25-11 16:00		05/26/11	11:10

#26 App (1)(C)

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: 135244 Peter Schaefer

PO #: 4040349733

INCIDENT # (ENV SERVICES): 97565995 ☐ CHECK IF NO INCIDENT # APPLIES

SAP #:

DATE: 5/23/11

PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

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

State: CA

GLOBAL ID NO.: 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.: 110523-R1

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

SAMPLER NAME(S) (Print): P. Cornish, B. Pennel

TELEPHONE: (310) 885-4455 x 108

FAX: (310) 637-5802

E-MAIL: lking@blainetech.com

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
- ☑ STANDARD (14 DAY)
- ☐ 5 DAYS
- ☐ 3 DAYS
- ☐ 2 DAYS
- ☐ 24 HOURS
- ☐ RESULTS NEEDED ON WEEKEND
- ☐ LA - RWQCB REPORT FORMAT
- ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

1) Please upload the "CRA EQuIS 4-file EDD" to the CRA Website (http://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 esyrstad@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 C°: 1.0C

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 110523-R1	052311	PC	MW-11	1348	WG	X			X		5	X	X				X							
				MW-12	1356		X			X		5	X	X				X							
				MW-13	1055		X			X		5	X	X				X							
				MW-18	1235		X			X		5	X	X				X							
				MW-13C	1225		X			X		5	X	X				X							
				MW-14	1435		X			X		5	X	X				X							

Relinquished by: (Signature) — Date: 5/23/11 — Time: 1620

Received by: (Signature)

Relinquished by: (Signature) — Date: 5/25/11 — Time: 1400

Received by: (Signature)

Relinquished by: (Signature) Gerald Hayden 5-25-11 16:00 — Date: 05/26/11 — Time: 11:10

Received by: (Signature)