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 14, 2012

REFERENCE NO.: 240366

PROJECT NAME: 999 San Pablo Avenue, Albany

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

RECEIVED
10:46 am, Aug 20, 2012
Alameda County
Environmental Health

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

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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – Second Quarter 2012

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

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

Copy to: Denis Brown, Shell Oil Products US, (electronic copy)
Gregg Biggs (property owner), 3640 Valley Road, Casper, WY 82604
Sam Anabi (lessee), CAR Enterprises, 1040 North Benson Avenue, Upland, CA 91786-2157
Larry Turner, CAR Enterprises (electronic copy)

Completed by: Peter Schaefer Signed: Peter Schaefer

Filing: **Correspondence File**

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

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

Re: Shell-branded Service Station
999 San Pablo Avenue
Albany, California
SAP Code 135037
Incident No. 98995143
ACEH Case No. RO0000121

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.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Denis L. Brown
Senior Program Manager

GROUNDWATER MONITORING REPORT – SECOND QUARTER 2012

SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE
ALBANY, CALIFORNIA

SAP CODE	135037
INCIDENT NO.	98995143
AGENCY NO.	RO0000121

Prepared by:
Conestoga-Rovers & Associates

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

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AUGUST 14, 2012
REF. NO. 240366 (10)
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1.0 INTRODUCTION

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

1.1 SITE INFORMATION

Site Address	999 San Pablo Avenue, Albany
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.	RO0000121
Shell SAP Code	135037
Shell Incident No.	98995143

Date of most recent agency correspondence was January 26, 2012 (electronic).

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

CRA's January 26, 2012 electronic correspondence to Alameda County Environmental Health (ACEH) requested suspending analysis of groundwater samples from wells S-2, S-3, and S-8 for di-isopropyl ether, ethyl tertiary-butyl ether, and tertiary-amyl methyl ether. ACEH's January 26, 2012 electronic correspondence approved our request.

Blaine Tech Services, Inc. (Blaine) gauged and sampled the wells according to the established monitoring program for this site. Blaine was unable to coordinate groundwater monitoring with adjacent ARCO Station No. 2035 located at 1001 San Pablo Avenue, Albany. Blaine gauged and sampled the Shell site wells on June 5, 2012, and the ARCO wells were gauged and sampled on June 15, 2012.

CRA prepared a vicinity map (Figure 1), a groundwater contour and chemical concentration map (Figure 2), and a groundwater data table (Table 1). Blaine's field

notes are presented in Appendix A, and the laboratory reports are presented in Appendix B. The groundwater monitoring data tables for the ARCO site are included in Appendix C.

Blaine installed a hydrocarbon-absorbent canister in well S-8 on February 10, 2011 and has replaced the canisters quarterly since then. During the February 28, 2012 gauging event, Blaine did not measure any separate-phase hydrocarbons (SPHs) in well S-8. Approximately 0.61 pounds of SPHs (weight of the canister upon removal minus the dry weight of the canister) were removed from S-8 with the SPH canister during first quarter 2012. During the June 5, 2012 monitoring event, Blaine did not measure any SPHs in well S-8. Approximately 0.78 pounds of SPHs were removed from S-8 with the SPH canister during fourth quarter 2011. A total of approximately 1.39 pounds of SPHs were removed from S-8 during this period. An SPH removal summary is provided below.

SPH REMOVAL SUMMARY	
This Period (pounds)	*Cumulative Removal (pounds)*
1.39	19.3

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Variable, but predominantly westerly
Hydraulic Gradient	Variable
Depth to Water	6.71 to 10.17 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 discussed above and will coordinate the sampling event with ARCO station No. 2035. This site is monitored semiannually during the second and fourth quarters, and CRA will issue groundwater monitoring reports semiannually following the sampling events. In addition, Blaine will replace the SPH-absorbent canister in well S-8 quarterly. If no SPHs are recovered for four consecutive quarters, the SPH-absorbent canister will be removed.

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

Peter Schaefer, CHG, CEG

Aubrey K. Cool, PG

FIGURES

01/28/10

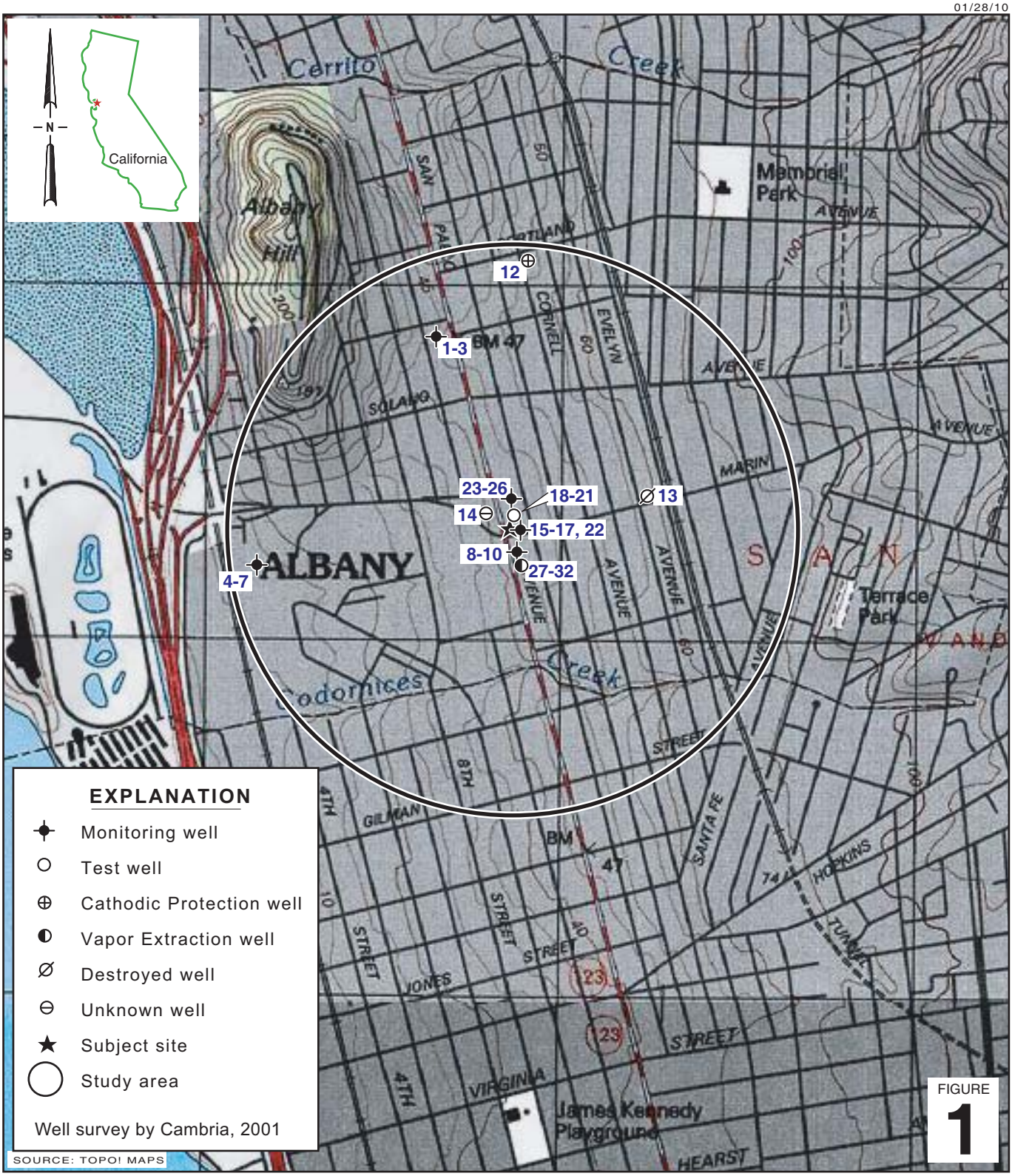


FIGURE
1

0 1/8 1/4 1/2 1

SCALE (MILES)

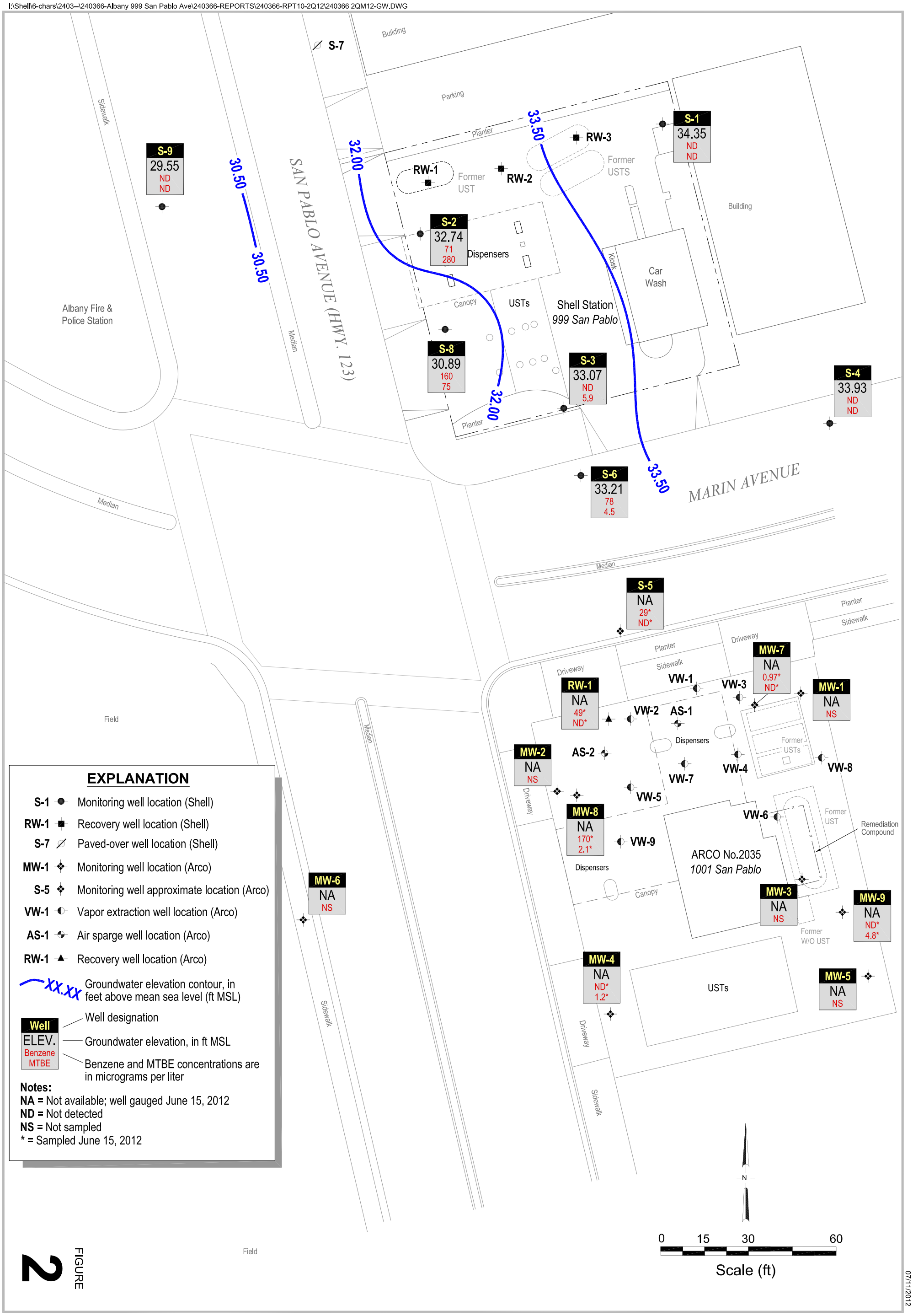
I:\Shell\6-chars\2403-\240366-Albany 999 San Pablo Ave\240366-FIGURES\240366 VICINITY.AI

Shell-branded Service Station
999 San Pablo Avenue
Albany, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

I:\Shell\6-chars\2403--\240366-Albany 999 San Pablo Ave\240366-REPORTS\240366-RPT10-2Q12\240366 2QM12-GW.DWG



EXPLANATION

- S-1 — Monitoring well location (Shell)
- RW-1 — Recovery well location (Shell)
- S-7 — Paved-over well location (Shell)
- MW-1 — Monitoring well location (Arco)
- S-5 — Monitoring well approximate location (Arco)
- VW-1 — Vapor extraction well location (Arco)
- AS-1 — Air sparge well location (Arco)
- RW-1 — Recovery well location (Arco)
- XX.XX — Groundwater elevation contour, in feet above mean sea level (ft MSL)

Well
ELEV.
Benzene
MTBE

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

Notes:
NA = Not available; well gauged June 15, 2012
ND = Not detected
NS = Not sampled
* = Sampled June 15, 2012

FIGURE 2

07/11/2012

Shell-branded Service Station

999 San Pablo Avenue
Albany, California

CONESTOGA-ROVERS & ASSOCIATES

Groundwater Contour and Chemical Concentration Map

June 5, 2012

TABLE

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-1	05/13/1991	1,500	20	2.6	86	74	---	---	---	---	---	---	42.73	8.24	34.49	---	---
S-1	08/23/1991	2,900	27	<2.5	75	18	---	---	---	---	---	---	42.73	8.37	34.36	---	---
S-1	11/07/1991	2,900	8.0	2.5	46	26	---	---	---	---	---	---	42.73	8.30	34.43	---	---
S-1	01/28/1992	2,000	11	<2.5	60	20	---	---	---	---	---	---	42.73	7.84	34.89	---	---
S-1	05/06/1992	1,200	5.5	<2.5	80	36	---	---	---	---	---	---	42.73	7.95	34.78	---	---
S-1	08/26/1992	2,000	9.4	<2.5	130	<2.5	---	---	---	---	---	---	42.73	8.24	34.49	---	---
S-1	10/28/1992	1,300	27	3.2	72	13	---	---	---	---	---	---	42.73	8.52	34.21	---	---
S-1	01/19/1993	1,500	13	3.0	29	31	---	---	---	---	---	---	42.73	6.54	36.19	---	---
S-1	04/29/1993	2,000	15	<2.5	82	<6.5	---	---	---	---	---	---	42.73	7.93	34.80	---	---
S-1	07/22/1993	620	1.1	4.2	3.5	13	---	---	---	---	---	---	42.73	8.09	34.64	---	---
S-1	10/21/1993	1,200	34	25	15	9.5	---	---	---	---	---	---	42.73	9.43	33.30	---	---
S-1	01/04/1994	860	<2.5	<2.5	5.7	5.3	---	---	---	---	---	---	42.73	8.25	34.48	---	---
S-1	04/13/1994	---	---	---	---	---	---	---	---	---	---	---	42.73	8.02	34.71	---	---
S-1	07/25/1994	1,200	8.3	7.4	15	20	---	---	---	---	---	---	42.73	8.22	34.51	---	---
S-1	10/10/1994	---	---	---	---	---	---	---	---	---	---	---	42.73	8.29	34.44	---	---
S-1	01/26/1995	1,000	12	0.60	12	420	---	---	---	---	---	---	42.73	6.88	35.85	---	---
S-1	04/21/1995	---	---	---	---	---	---	---	---	---	---	---	42.73	7.65	35.08	---	---
S-1	07/28/1995	660	7.2	1.0	11	8.9	---	---	---	---	---	---	42.73	7.90	34.83	---	4
S-1	10/31/1995	---	---	---	---	---	---	---	---	---	---	---	42.73	7.72	35.01	---	---
S-1	01/10/1996	1,100	3.5	7.0	5.1	9.4	---	---	---	---	---	---	42.73	8.24	34.49	---	7.4
S-1	04/25/1996	---	---	---	---	---	---	---	---	---	---	---	42.73	7.74	34.99	---	---
S-1	07/23/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	42.73	7.92	34.81	---	2.7
S-1	12/10/1996	---	---	---	---	---	---	---	---	---	---	---	42.73	7.56	35.17	---	0.6
S-1	02/20/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	42.73	7.95	34.78	---	3
S-1	05/22/1997	---	---	---	---	---	---	---	---	---	---	---	42.73	8.11	34.62	---	0.5
S-1	08/22/1997	810	18	<2.0	5.1	4.4	18	---	---	---	---	---	42.73	7.86	34.87	---	3
S-1	11/03/1997	---	---	---	---	---	---	---	---	---	---	---	42.73	8.35	34.38	---	1.1
S-1	02/20/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	42.73	6.09	36.64	---	2.9
S-1	05/18/1998	---	---	---	---	---	---	---	---	---	---	---	42.73	7.69	35.04	---	1.1
S-1	08/20/1998	390	6.7	<0.50	0.64	<0.50	14	---	---	---	---	---	42.73	8.20	34.53	---	1.9
S-1	11/06/1998	---	---	---	---	---	---	---	---	---	---	---	42.73	8.23	34.50	---	---
S-1	02/16/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	42.73	7.47	35.26	---	1.5
S-1	05/28/1999	---	---	---	---	---	---	---	---	---	---	---	42.73	7.60	35.13	---	1.3
S-1	08/24/1999	72.4	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	42.73	7.95	34.78	---	1.4
S-1	11/16/1999	---	---	---	---	---	---	---	---	---	---	---	42.73	7.87	34.86	---	1.3

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-1	02/02/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	42.73	7.26	35.47	---	1.4
S-1	05/09/2000	---	---	---	---	---	---	---	---	---	---	---	42.73	8.13	34.60	---	1.0
S-1	08/03/2000	209	6.42	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	42.73	8.12	34.61	---	1.4
S-1	11/15/2000	---	---	---	---	---	---	---	---	---	---	---	42.73	8.06	34.67	---	1.0
S-1	02/14/2001	179	4.46	<0.500	<0.500	<0.500	8.72	---	---	---	---	---	42.73	8.08	34.65	---	1.1
S-1	05/31/2001	---	---	---	---	---	---	---	---	---	---	---	42.73	8.05	34.68	---	1.0
S-1	08/15/2001	270	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	42.73	8.40	34.33	---	1.3
S-1	12/31/2001	---	---	---	---	---	---	---	---	---	---	---	42.73	7.42	35.31	---	0.4
S-1	02/06/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	42.73	7.60	35.13	---	2.2
S-1	06/04/2002	---	---	---	---	---	---	---	---	---	---	---	42.73	8.16	34.57	---	0.8
S-1	07/25/2002	230	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	42.57	7.84	34.73	---	0.9
S-1	11/27/2002	---	---	---	---	---	---	---	---	---	---	---	42.57	8.01	34.56	---	0.6
S-1	01/30/2003	310	<0.50	<0.50	3.6	1.6	---	<5.0	---	---	---	---	42.57	7.56	35.01	---	1.5
S-1	06/03/2003	---	---	---	---	---	---	---	---	---	---	---	42.57	7.87	34.70	---	1.6
S-1	08/08/2003	730	<0.50	<0.50	12	6.4	---	<0.50	---	---	---	---	42.57	7.95	34.62	---	1.3
S-1	11/13/2003	---	---	---	---	---	---	---	---	---	---	---	42.57	7.90	34.67	---	0.8
S-1	02/04/2004	220	<0.50	<0.50	1.8	1.1	---	<0.50	---	---	---	---	42.57	7.37	35.20	---	1.2
S-1	05/12/2004	---	---	---	---	---	---	---	---	---	---	---	42.57	8.05	34.52	---	1.1
S-1	08/23/2004	110 d	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	42.57	8.10	34.47	---	0.6
S-1	12/01/2004	---	---	---	---	---	---	---	---	---	---	---	42.57	7.84	34.73	---	---
S-1	02/07/2005	53 d	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	42.57	7.48	35.09	---	0.49
S-1	05/02/2005	---	---	---	---	---	---	---	---	---	---	---	42.57	8.05	34.52	---	---
S-1	08/04/2005	850	<0.50	<0.50	4.5	1.0	---	<0.50	---	---	---	---	42.57	8.05	34.52	---	0.01
S-1	11/16/2005	---	---	---	---	---	---	---	---	---	---	---	42.57	8.19	34.38	---	---
S-1	03/02/2006	170	<0.50	<0.50	2.4	0.91	---	<0.50	---	---	---	---	42.57	7.58	34.99	---	0.32
S-1	05/31/2006	---	---	---	---	---	---	---	---	---	---	---	42.57	8.03	34.54	---	---
S-1	08/29/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	42.57	7.99	34.58	---	1.05
S-1	12/06/2006	---	---	---	---	---	---	---	---	---	---	---	42.57	8.07	34.50	---	0.4
S-1	01/30/2007	640	<0.50	<0.50	1.9	<1.0	---	<0.50	---	---	---	---	42.57	8.32	34.25	---	1.20
S-1	05/15/2007	---	---	---	---	---	---	---	---	---	---	---	42.57	7.85	34.72	---	0.16
S-1	08/29/2007	980 f	0.37 g	<1.0	3.3	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	42.57	7.87	34.70	---	2.54
S-1	11/29/2007	---	---	---	---	---	---	---	---	---	---	---	42.57	8.18	34.39	---	0.28
S-1	02/21/2008	430 f	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	42.57	7.94	34.63	---	0.27
S-1	05/06/2008	---	---	---	---	---	---	---	---	---	---	---	42.57	8.00	34.57	---	0.1
S-1	08/27/2008	170	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	42.57	8.45	34.12	---	0.21

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-1	11/24/2008	---	---	---	---	---	---	---	---	---	---	---	42.57	8.49	34.08	---	0.06
S-1	01/28/2009	390	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	42.57	8.29	34.28	---	1.70
S-1	05/26/2009	---	---	---	---	---	---	---	---	---	---	---	42.57	8.11	34.46	---	---
S-1	11/24/2009	230	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	42.57	8.34	34.23	---	1.47
S-1	05/26/2010	490	<0.50	<1.0	1.3	2.1	---	<1.0	---	---	---	---	42.57	7.99	34.58	---	0.38
S-1	11/30/2010	220	1.7	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	42.57	7.98	34.59	---	0.65
S-1	05/11/2011	<50	<0.50	<0.50	<0.50	1.0	---	<1.0	---	---	---	---	42.57	8.19	34.38	---	1.49
S-1	11/28/2011	56	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	42.57	7.97	34.60	---	1.62
S-1	**06/05/2012**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<0.50**	**---**	**---**	**---**	**---**	**42.57**	**8.22**	**34.35**	**---**	**1.46**
S-2	05/13/1991	23,000	3,900	230	1,100	3,200	---	---	---	---	---	---	40.73	8.50	32.23	---	---
S-2	08/23/1991	23,000	4,400	260	1,900	2,400	---	---	---	---	---	---	40.73	8.80	31.93	---	---
S-2	11/07/1991	40,000	4,000	160	1,020	3,400	---	---	---	---	---	---	40.73	8.61	32.12	---	---
S-2	01/28/1992	22,000	1,600	70	420	1,700	---	---	---	---	---	---	40.73	7.80	32.93	---	---
S-2	05/06/1992	20,000	2,600	110	860	1,900	---	---	---	---	---	---	40.73	8.10	32.63	---	---
S-2	08/26/1992	42,000	5,000	160	1,100	3,500	---	---	---	---	---	---	40.73	8.37	32.36	---	---
S-2	10/28/1992	34,000	4,800	330	1,600	2,900	---	---	---	---	---	---	40.73	8.64	32.09	---	---
S-2	01/19/1993	20,000	2,300	370	660	1,300	---	---	---	---	---	---	40.73	5.82	34.91	---	---
S-2	04/29/1993	40,000	2,000	67	900	1,900	---	---	---	---	---	---	40.73	7.70	33.03	---	---
S-2	07/22/1993	22,000	3,000	120	1,000	1,600	---	---	---	---	---	---	40.73	8.38	32.35	---	---
S-2 (D)	07/22/1993	17,000	3,000	110	1,000	1,500	---	---	---	---	---	---	40.73	8.38	32.35	---	---
S-2	10/21/1993	14,000	2,800	74	870	1,100	---	---	---	---	---	---	40.73	8.58	32.15	---	---
S-2 (D)	10/21/1993	13,000	3,200	53	960	820	---	---	---	---	---	---	40.73	8.58	32.15	---	---
S-2	01/04/1994	21,000	2,100	67	990	770	---	---	---	---	---	---	40.73	7.70	33.03	---	---
S-2 (D)	01/04/1994	22,000	2,000	64	910	750	---	---	---	---	---	---	40.73	7.70	33.03	---	---
S-2	04/13/1994	---	---	---	---	---	---	---	---	---	---	---	40.73	7.62	33.11	---	---
S-2	07/25/1994	43,000	2,600	490	990	1,300	---	---	---	---	---	---	40.73	7.86	32.87	---	---
S-2	10/10/1994	---	---	---	---	---	---	---	---	---	---	---	40.73	8.12	32.61	---	---
S-2	01/26/1995	21,000	790	12	290	570	---	---	---	---	---	---	40.73	6.38	34.35	---	5.5
S-2	04/21/1995	---	---	---	---	---	---	---	---	---	---	---	40.73	7.01	33.72	---	---
S-2	07/28/1995	14,000	2,400	360	960	370	---	---	---	---	---	---	40.73	7.82	32.91	---	4
S-2	10/31/1995	---	---	---	---	---	---	---	---	---	---	---	40.73	7.57	33.16	---	---
S-2	01/10/1996	17,000	1,400	<50	480	170	---	---	---	---	---	---	40.73	8.13	32.60	---	7.2
S-2	04/25/1996	---	---	---	---	---	---	---	---	---	---	---	40.73	7.72	33.01	---	---
S-2	07/23/1996	16,000	2,700	69	1,100	110	9,500	---	---	---	---	---	40.73	8.10	32.63	---	2.2

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-2 (D)	07/23/1996	11,000	2,600	68	1,000	96	10,000	11,000	---	---	---	---	40.73	8.10	32.63	---	2.2
S-2	12/10/1996	---	---	---	---	---	---	---	---	---	---	---	40.73	8.57	32.16	---	0.5
S-2	02/20/1997	10,000	500	<10	90	130	6,400	---	---	---	---	---	40.73	8.15	32.58	---	4
S-2	05/22/1997	---	---	---	---	---	---	---	---	---	---	---	40.73	8.79	31.94	---	1.1
S-2	08/22/1997	23,000	1,300	65	740	290	4,500	---	---	---	---	---	40.73	8.05	32.68	---	3.2
S-2 (D)	08/22/1997	20,000	1,200	<100	630	250	3,900	---	---	---	---	---	40.73	8.05	32.68	---	3.2
S-2	11/03/1997	---	---	---	---	---	---	---	---	---	---	---	40.73	8.75	31.98	---	1.2
S-2	02/20/1998	450	28	1.3	7.4	12	35	---	---	---	---	---	40.73	6.34	34.39	---	0.4
S-2	05/18/1998	---	---	---	---	---	---	---	---	---	---	---	40.73	7.95	32.78	---	0.8
S-2	08/20/1998	22,000	290	44	420	410	7,300	---	---	---	---	---	40.73	7.73	33.00	---	1.9
S-2	11/06/1998	---	---	---	---	---	---	---	---	---	---	---	40.73	8.47	32.26	---	---
S-2	02/16/1999	27,000	200	<200	770	840	5,400	---	---	---	---	---	40.73	7.24	33.49	---	1.4
S-2	05/28/1999	---	---	---	---	---	---	---	---	---	---	---	40.73	7.82	32.91	---	1.3
S-2	08/24/1999	13,400	196	<25.0	439	113	597	---	---	---	---	---	40.73	8.61	32.12	---	1.2
S-2	11/16/1999	---	---	---	---	---	---	---	---	---	---	---	40.73	8.17	32.56	---	1.1
S-2	02/02/2000	7,850	176	88.0	134	111	540	---	---	---	---	---	40.73	7.57	33.16	---	1.2
S-2	05/09/2000	---	---	---	---	---	---	---	---	---	---	---	40.73	7.94	32.79	---	1.3
S-2	08/03/2000	35,000	255	122	842	224	905	726 b	---	---	---	---	40.73	8.07	32.66	---	1.1
S-2	11/15/2000	---	---	---	---	---	---	---	---	---	---	---	40.73	8.13	32.60	---	1.3
S-2	02/14/2001	13,000	147	<25.0	309	54.4	581	---	---	---	---	---	40.73	6.39	34.34	---	1.4
S-2	05/31/2001	---	---	---	---	---	---	---	---	---	---	---	40.73	7.21	33.52	---	1.5
S-2	08/15/2001	15,000	67	4.1	220	33	---	440	---	---	---	---	40.73	8.27	32.46	---	0.6
S-2	12/31/2001	---	---	---	---	---	---	270	---	---	---	---	40.73	6.07	34.66	---	0.2
S-2	02/06/2002	15,000	53	2.8	120	31	---	220	---	---	---	---	40.73	7.98	32.75	---	1.8
S-2	06/04/2002	---	---	---	---	---	---	---	---	---	---	---	40.73	6.70	34.03	---	0.2
S-2	07/25/2002	9,000	75	4.0	180	24	---	460	---	---	---	---	40.63	7.67	32.96	---	0.9
S-2	11/27/2002	---	---	---	---	---	---	---	---	---	---	---	40.63	7.84	32.79	---	0.7
S-2	01/30/2003	15,000	26	<2.5	92	22	---	210	---	---	---	---	40.63	7.29	33.34	---	15.6
S-2	06/03/2003	17,000	<25	<25	130	<50	---	290	---	---	---	---	40.63	7.87	32.76	---	5.4
S-2	08/08/2003	4,500	<2.5	<2.5	9.4	<5.0	---	140	---	---	---	---	40.63	8.18	32.45	---	16.2
S-2	11/13/2003	10,000	18	<10	47	21	---	180	---	---	---	---	40.63	7.98	32.65	---	19.5
S-2	02/04/2004	5,700	54	<10	54	<20	---	270	---	---	---	---	40.63	7.21	33.42	---	>15
S-2	05/12/2004	8,200	18	<10	<10	<20	---	250	---	---	---	---	40.63	8.07	32.56	---	3.1
S-2	08/23/2004	4,100	<10	<10	<10	<20	---	84	<100	<40	<40	<40	40.63	8.52	32.11	---	10.7
S-2	12/01/2004	2,000	3.4	<2.5	6.2	<5.0	---	77	---	---	---	---	40.63	8.70	31.93	---	11.8

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-2	02/07/2005	7,400	32	1.6	29	3.1	---	210	---	---	---	---	40.63	7.58	33.05	---	0.11
S-2	05/02/2005	8,100	84	4.9	83	5.5	---	320	---	---	---	---	40.63	7.45	33.18	---	0.6
S-2	08/04/2005	4,900	48	2.1	19	2.8	---	330	55	<4.0	<4.0	<4.0	40.63	7.90	32.73	---	0.4
S-2	11/16/2005	13,700	43.8	2.79	25.1	5.92	---	156	---	---	---	---	40.63	8.33	32.30	---	0.5
S-2	03/02/2006	5,800	44	3.2	20	5.6	---	190	---	---	---	---	40.63	6.74	33.89	---	0.63
S-2	05/31/2006	11,100	72.0	4.20	22.4	5.36	---	308	---	---	---	---	40.63	7.46	33.17	---	0.6
S-2	08/29/2006	37,400	72.1	5.08	39.6	6.89	---	377	46.7	<0.500	<0.500	<0.500	40.63	8.02	32.61	---	0.70
S-2	12/06/2006	5,000	41	3.2	11	5.2	---	170	---	---	---	---	40.63	8.04	32.59	---	0.5
S-2	01/30/2007	4,200	24	1.7	5.9	2.3	---	140	---	---	---	---	40.63	8.08	32.55	---	0.11
S-2	05/15/2007	8,100 f	48	3.5	19	6.2 g	---	180	---	---	---	---	40.63	8.05	32.58	---	0.11
S-2	08/29/2007	8,400 f	60	3.8	12	4.68 g	---	270	64	<4.0	<4.0	<4.0	40.63	8.01	32.62	---	1.02
S-2	11/29/2007	4,100 f	48	4.8 h	11	12.3	---	280	---	---	---	---	40.63	8.25	32.38	---	0.55
S-2	02/21/2008	7,300 f	57	4.0	13	4.7	---	250	---	---	---	---	40.63	7.25	33.38	---	0.40
S-2	05/06/2008	8,900	42	3.1	9.8	4.1	---	270	---	---	---	---	40.63	6.30	34.34	0.01	0.10/2.0
S-2	08/27/2008	9,400	67	<5.0	27	6.0	---	240	67	<10	<10	<10	40.63	8.33	32.30	---	0.15
S-2	11/24/2008	7,100	55	<5.0	9.3	<5.0	---	210	---	---	---	---	40.63	8.43	32.20	---	0.7
S-2	01/28/2009	6,000	29	<5.0	6.5	<5.0	---	130	---	---	---	---	40.63	8.19	32.44	---	0.15
S-2	05/26/2009	20,000	52	3.2	13	6.0	---	330	---	---	---	---	40.63	7.85	32.78	---	0.43
S-2	11/24/2009	5,200	19	<2.0	6.8	4.7	---	120	80	<4.0	<4.0	<4.0	40.63	8.32	32.31	---	0.18
S-2	05/26/2010	7,500	78	<5.0	11	<5.0	---	330	---	---	---	---	40.63	7.62	33.01	---	0.34
S-2	11/30/2010	7,000	32	2.7	4.5	5.0	---	170	86	<4.0	<4.0	<4.0	40.63	7.74	32.89	---	0.65
S-2	05/11/2011	13,000	61	4.0	16	7.0	---	210	---	---	---	---	40.63	7.60	33.03	---	0.97
S-2	11/28/2011	4,800	31.0	2.65	5.73	7.13	---	143	<10.0	<0.500	<0.500	<0.500	40.63	7.70	32.93	---	1.08
S-2	**06/05/2012**	**9,100**	**71**	**4.6**	**16**	**8.3**	**---**	**280**	**---**	**---**	**---**	**---**	**40.63**	**7.89**	**32.74**	**---**	**0.88**
S-3	05/13/1991	3,300	30	3.6	26	13	---	---	---	---	---	---	41.46	7.90	33.56	---	---
S-3	08/23/1991	2,000	25	4.0	9.3	4.5	---	---	---	---	---	---	41.46	8.14	33.32	---	---
S-3	11/07/1991	4,000	20	3.9	5.0	4.9	---	---	---	---	---	---	41.46	7.91	33.55	---	---
S-3	01/28/1992	2,100	21	7.6	6.7	15	---	---	---	---	---	---	41.46	7.53	33.93	---	---
S-3 (D)	01/28/1992	2,100	18	6.1	7.1	14	---	---	---	---	---	---	41.46	7.53	33.93	---	---
S-3	05/06/1992	6,600	38	51	45	65	---	---	---	---	---	---	41.46	7.55	33.91	---	---
S-3	08/26/1992	5,800	18	12	29	60	---	---	---	---	---	---	41.46	7.53	33.93	---	---
S-3	10/28/1992	3,000	55	11	16	32	---	---	---	---	---	---	41.46	7.95	33.51	---	---
S-3	01/19/1993	3,100	<5	5.1	11	16	---	---	---	---	---	---	41.46	6.12	35.34	---	---
S-3	04/29/1993	3,000	31	22	<5	14	---	---	---	---	---	---	41.46	7.27	34.19	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-3	07/22/1993	2,600	3.1	43	23	53	---	---	---	---	---	---	41.46	7.62	33.84	---	---
S-3	10/21/1993	2,500	73	14	16	32	---	---	---	---	---	---	41.46	7.81	33.65	---	---
S-3	01/04/1994	4,800	13	21	<12.5	33	---	---	---	---	---	---	41.46	7.49	33.97	---	---
S-3	04/13/1994	---	---	---	---	---	---	---	---	---	---	---	41.46	7.32	34.14	---	---
S-3	07/25/1994	2,600	6.1	4.0	3.8	12	---	---	---	---	---	---	41.46	7.66	33.80	---	---
S-3	10/10/1994	---	---	---	---	---	---	---	---	---	---	---	41.46	7.49	33.97	---	---
S-3	01/26/1995	3,600	30	6.8	5.6	19	---	---	---	---	---	---	41.46	6.50	34.96	---	---
S-3 (D)	01/26/1995	2,200	9.9	15	14	22	---	---	---	---	---	---	41.46	6.50	34.96	---	---
S-3	04/21/1995	---	---	---	---	---	---	---	---	---	---	---	41.46	6.79	34.67	---	---
S-3	07/28/1995	3,700	27	9.3	20	34	---	---	---	---	---	---	41.46	7.28	34.18	---	4
S-3	10/31/1995	---	---	---	---	---	---	---	---	---	---	---	41.46	6.74	34.72	---	---
S-3	01/10/1996	4,000	10	<0.50	13	28	---	---	---	---	---	---	41.46	7.48	33.98	---	6.1
S-3	04/25/1996	---	---	---	---	---	---	---	---	---	---	---	41.46	6.90	34.56	---	---
S-3	07/23/1996	2,100	20	<0.50	<0.50	<0.50	<25	---	---	---	---	---	41.46	7.04	34.42	---	2.1
S-3	12/10/1996	---	---	---	---	---	---	---	---	---	---	---	41.46	7.96	33.50	---	0.7
S-3	02/20/1997	3,500	83	<5.0	18	16	130	---	---	---	---	---	41.46	7.44	34.02	---	3
S-3 (D)	02/20/1997	3,000	69	<5.0	14	12	70	---	---	---	---	---	41.46	7.44	34.02	---	3
S-3	05/22/1997	---	---	---	---	---	---	---	---	---	---	---	41.46	7.13	34.33	---	0.6
S-3	08/22/1997	4,700	60	12	19	21	40	---	---	---	---	---	41.46	6.81	34.65	---	2.9
S-3	11/03/1997	---	---	---	---	---	---	---	---	---	---	---	41.46	7.40	34.06	---	0.9
S-3	02/20/1998	3,400	<10	<10	14	18	85	---	---	---	---	---	41.46	6.55	34.91	---	0.8
S-3 (D)	02/20/1998	3,100	8.6	7.8	12	16	57	---	---	---	---	---	41.46	6.55	34.91	---	0.8
S-3	05/18/1998	---	---	---	---	---	---	---	---	---	---	---	41.46	6.81	34.65	---	0.7
S-3	08/20/1998	4,400	67	23	9.8	22	240	---	---	---	---	---	41.46	6.98	34.48	---	2.2
S-3	11/06/1998	---	---	---	---	---	---	---	---	---	---	---	41.46	6.96	34.50	---	---
S-3	02/16/1999	2,000	6.9	6.2	3.7	4.8	47	---	---	---	---	---	41.46	6.93	34.53	---	2.0
S-3	05/28/1999	---	---	---	---	---	---	---	---	---	---	---	41.46	6.74	34.72	---	1.8
S-3	08/24/1999	4,170	54.8	14.2	6.65	13.7	43.4	---	---	---	---	---	41.46	9.05	32.41	---	1.9
S-3	11/16/1999	---	---	---	---	---	---	---	---	---	---	---	41.46	7.09	34.37	---	1.6
S-3	02/02/2000	2,410	133	112	24.9	104	46.0	---	---	---	---	---	41.46	6.59	34.87	---	1.9
S-3	05/09/2000	---	---	---	---	---	---	---	---	---	---	---	41.46	7.13	34.33	---	1.9
S-3	08/03/2000	3,890	17.2	21.9	<10.0	<10.0	166	---	---	---	---	---	41.46	6.82	34.64	---	1.8
S-3	11/15/2000	---	---	---	---	---	---	---	---	---	---	---	41.46	6.98	34.48	---	1.6
S-3	02/14/2001	2,800	35.8	5.57	3.83	2.94	1,070	1,250	---	---	---	---	41.46	6.57	34.89	---	1.1
S-3	05/31/2001	---	---	---	---	---	---	---	---	---	---	---	41.46	6.72	34.74	---	1.6

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-3	08/15/2001	2,700	2.0	0.52	<0.50	2.0	---	140	---	---	---	---	41.46	7.44	34.02	---	0.6
S-3	12/31/2001	2,300	<2.0	<2.0	<2.0	<2.0	---	470	---	---	---	---	41.46	6.62	34.84	---	0.6
S-3	02/06/2002	2,000	2.6	1.6	4.3	7.8	---	170	---	---	---	---	41.46	7.22	34.24	---	2.2
S-3	06/04/2002	2,400	1.0	1.1	0.54	4.5	---	120	---	---	---	---	41.46	7.34	34.12	---	0.5
S-3	07/25/2002	3,100	0.86	<0.50	<0.50	2.0	---	92	---	---	---	---	41.37	6.98	34.39	---	1.0
S-3	11/27/2002	2,600	2.0	0.55	<0.50	2.1	---	44	---	---	---	---	41.37	7.62	33.75	---	0.7
S-3	01/30/2003	1,200	2.1	1.3	1.6	3.4	---	42	---	---	---	---	41.37	7.14	34.23	---	13.6
S-3	06/03/2003	2,700	2.9	<0.50	0.50	2.8	---	43	---	---	---	---	41.37	7.25	34.12	---	1.7
S-3	08/08/2003	1,400	2.4	0.71	<0.50	2.2	---	32	---	---	---	---	41.37	7.67	33.70	---	>20
S-3	11/13/2003	5,200	5.1	2.4	<1.0	5.6	---	69	---	---	---	---	41.37	7.56	33.81	---	19.6
S-3	02/04/2004	2,800	1.9	<1.0	1.0	2.6	---	20	---	---	---	---	41.37	7.12	34.25	---	>15
S-3	05/12/2004	1,900	2.8	<1.0	<1.0	2.2	---	9.7	---	---	---	---	41.37	7.94	33.43	---	4.0
S-3	08/23/2004	1,400	7.6	1.1	<1.0	2.9	---	13	<10	<4.0	<4.0	<4.0	41.37	8.09	33.28	---	13.3
S-3	12/01/2004	950	1.9	<1.0	<1.0	<2.0	---	5.6	---	---	---	---	41.37	8.21	33.16	---	13.0
S-3	02/07/2005	1,800	1.4	<1.0	<1.0	2.1	---	9.9	---	---	---	---	41.37	7.69	33.68	---	0.25
S-3	05/02/2005	4,000	2.3	1.1	1.6	3.0	---	9.9	---	---	---	---	41.37	7.20	34.17	---	0.5
S-3	08/04/2005	3,600	2.1	<1.0	<2.0	3.6	---	8.5	33	<4.0	<4.0	<4.0	41.37	8.14	33.23	---	0.2
S-3	11/16/2005	6,000	2.24	0.800	0.660	3.35	---	3.83	---	---	---	---	41.37	8.39	32.98	---	0.6
S-3	03/02/2006	1,500	1.3	<0.50	0.57	2.0	---	5.1	---	---	---	---	41.37	7.09	34.28	---	0.52
S-3	05/31/2006	5,560	1.71	0.730	1.24	3.89	---	8.01 e	---	---	---	---	41.37	7.95	33.42	---	0.5
S-3	08/29/2006	4,850	1.82	0.680	1.19	2.22	---	3.16	<10.0	<0.500	<0.500	<0.500	41.37	6.35	35.02	---	0.88
S-3	12/06/2006	2,900	1.1	<0.50	<0.50	2.2	---	<0.50	---	---	---	---	41.37	8.41	32.96	---	0.3
S-3	01/30/2007	2,100	1.0	<0.50	0.53	1.8	---	5.7	---	---	---	---	41.37	8.31	33.06	---	0.36
S-3	05/15/2007	3,500 f	1.1	0.51 g	0.76 g	2.38 g	---	8.0	---	---	---	---	41.37	7.60	33.77	---	0.11
S-3	08/29/2007	<50 f	1.5	0.48 g	0.50 g	2.81 g	---	<1.0	<10	<2.0	<2.0	<2.0	41.37	8.64	32.73	---	0.57
S-3	11/29/2007	3,800 f	1.8	0.80 g,h	0.65 g	3.34 g	---	5.9	---	---	---	---	41.37	8.36	33.01	---	0.22
S-3	02/21/2008	2,900 f	0.60	<1.0	<1.0	1.2	---	5.0	---	---	---	---	41.37	7.35	34.02	---	0.44
S-3	05/06/2008	2,400	1.2	<1.0	<1.0	1.7	---	<1.0	---	---	---	---	41.37	8.00	33.37	---	0.2/1.4
S-3	08/27/2008	3,100	1.5	<1.0	<1.0	2.3	---	<1.0	<10	<2.0	<2.0	<2.0	41.37	8.56	32.81	---	0.13
S-3	11/24/2008	2,900	1.5	<1.0	<1.0	2.2	---	<1.0	---	---	---	---	41.37	8.71	32.66	---	0.32
S-3	01/28/2009	3,900	1.4	<1.0	<1.0	2.2	---	<1.0	---	---	---	---	41.37	8.22	33.15	---	0.48
S-3	05/26/2009	3,600	1.1	<1.0	<1.0	1.5	---	5.2	---	---	---	---	41.37	8.23	33.14	---	1.54
S-3	11/24/2009	2,200	0.98	<1.0	<1.0	1.7	---	<1.0	<10	<2.0	<2.0	<2.0	41.37	8.71	32.66	---	0.42
S-3	05/26/2010	2,800	1.0	<1.0	<1.0	2.4	---	7.8	---	---	---	---	41.37	7.80	33.57	---	0.32
S-3	11/30/2010	3,800	0.94	<1.0	<1.0	1.9	---	4.5	<10	<2.0	<2.0	<2.0	41.37	7.65	33.72	---	0.87

GROUNDWATER DATA
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Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-3	05/11/2011	3,000	0.77	0.51	<0.50	1.8	---	7.4	---	---	---	---	41.37	8.01	33.36	---	0.80
S-3	11/28/2011	1,800	0.720	0.500	<0.500	2.51	---	4.20	<10.0	<0.500	<0.500	<0.500	41.37	7.84	33.53	---	0.73
S-3	**06/05/2012**	**2,700**	**<0.50**	**<0.50**	**<0.50**	**1.2**	**---**	**5.9**	**---**	**---**	**---**	**---**	**41.37**	**8.30**	**33.07**	**---**	**0.65**
S-4	05/13/1991	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	7.44	33.66	---	---
S-4	08/23/1991	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	8.32	32.78	---	---
S-4	11/07/1991	260	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	8.32	32.78	---	---
S-4	01/28/1992	110 d	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	7.40	33.70	---	---
S-4	05/06/1992	54	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	7.21	33.89	---	---
S-4	08/26/1992	67	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	8.13	32.97	---	---
S-4	10/28/1992	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	8.73	32.37	---	---
S-4	01/19/1993	86	1.2	0.70	2.7	15	---	---	---	---	---	---	41.10	5.86	35.24	---	---
S-4	04/29/1993	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	7.02	34.08	---	---
S-4 (D)	04/29/1993	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	7.02	34.08	---	---
S-4	07/22/1993	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	7.76	33.34	---	---
S-4	10/21/1993	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	8.53	32.57	---	---
S-4	01/04/1994	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	7.92	33.18	---	---
S-4	04/13/1994	---	---	---	---	---	---	---	---	---	---	---	41.10	7.71	33.39	---	---
S-4	07/25/1994	---	---	---	---	---	---	---	---	---	---	---	41.10	7.82	33.28	---	---
S-4	10/10/1994	---	---	---	---	---	---	---	---	---	---	---	41.10	8.15	32.95	---	---
S-4	01/26/1995	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	41.10	5.73	35.37	---	---
S-4	04/21/1995	---	---	---	---	---	---	---	---	---	---	---	41.10	6.26	34.84	---	---
S-4	07/28/1995	---	---	---	---	---	---	---	---	---	---	---	41.10	7.80	33.30	---	---
S-4	10/31/1995	---	---	---	---	---	---	---	---	---	---	---	41.10	8.45	32.65	---	---
S-4	01/10/1996	<50	1.0	2.8	<0.50	2.1	---	---	---	---	---	---	41.10	8.26	32.84	---	2.8
S-4	04/25/1996	---	---	---	---	---	---	---	---	---	---	---	41.10	7.14	33.96	---	---
S-4	07/23/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	41.10	8.18	32.92	---	3.8
S-4	12/10/1996	---	---	---	---	---	---	---	---	---	---	---	41.10	7.04	34.06	---	3.9
S-4	02/20/1997	<50	<0.50	<0.50	<0.50	<0.50	6.7	---	---	---	---	---	41.10	7.07	34.03	---	5
S-4	05/22/1997	---	---	---	---	---	---	---	---	---	---	---	41.10	6.63	34.47	---	0.8
S-4	08/22/1997	---	---	---	---	---	---	---	---	---	---	---	41.10	7.69	33.41	---	3.7
S-4	11/03/1997	---	---	---	---	---	---	---	---	---	---	---	41.10	8.26	32.84	---	1.3
S-4	02/20/1998	130	6.9	4.6	5.2	17	2.8	---	---	---	---	---	41.10	5.57	35.53	---	1.8
S-4	05/18/1998	---	---	---	---	---	---	---	---	---	---	---	41.10	7.13	33.97	---	1.4
S-4	08/20/1998	---	---	---	---	---	---	---	---	---	---	---	41.10	7.77	33.33	---	4.0

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
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Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-4	11/06/1998	---	---	---	---	---	---	---	---	---	---	---	41.10	7.85	33.25	---	---
S-4	02/16/1999	<50	<0.50	<0.50	<0.50	<0.50	23	---	---	---	---	---	41.10	6.51	34.59	---	3.6
S-4	05/28/1999	---	---	---	---	---	---	---	---	---	---	---	41.10	7.00	34.10	---	3.2
S-4	08/24/1999	---	---	---	---	---	---	---	---	---	---	---	41.10	9.13	31.97	---	1.9
S-4	11/16/1999	---	---	---	---	---	---	---	---	---	---	---	41.10	7.79	33.31	---	1.7
S-4	02/02/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	41.10	7.19	33.91	---	1.9
S-4	05/09/2000	---	---	---	---	---	---	---	---	---	---	---	41.10	7.51	33.59	---	1.8
S-4	08/03/2000	---	---	---	---	---	---	---	---	---	---	---	41.10	7.83	33.27	---	1.9
S-4	11/15/2000	---	---	---	---	---	---	---	---	---	---	---	41.10	7.69	33.41	---	1.5
S-4	02/14/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	41.10	6.20	34.90	---	1.6
S-4	05/31/2001	---	---	---	---	---	---	---	---	---	---	---	41.10	6.56	34.54	---	1.6
S-4	08/15/2001	---	---	---	---	---	---	---	---	---	---	---	41.10	7.90	33.20	---	0.6
S-4	12/31/2001	---	---	---	---	---	---	---	---	---	---	---	41.10	5.62	35.48	---	2.7
S-4	02/06/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	41.10	7.29	33.81	---	0.2
S-4	06/04/2002	---	---	---	---	---	---	---	---	---	---	---	41.10	7.45	33.65	---	0.6
S-4	07/25/2002	---	---	---	---	---	---	---	---	---	---	---	41.04	7.39	33.65	---	0.8
S-4	11/27/2002	---	---	---	---	---	---	---	---	---	---	---	41.04	7.60	33.44	---	---
S-4	01/30/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	41.04	8.45	32.59	---	---
S-4	06/03/2003	---	---	---	---	---	---	---	---	---	---	---	41.04	6.82	34.22	---	---
S-4	08/08/2003	---	---	---	---	---	---	---	---	---	---	---	41.04	7.36	33.68	---	---
S-4	11/13/2003	---	---	---	---	---	---	---	---	---	---	---	41.04	7.56	33.48	---	---
S-4	02/04/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	41.04	6.47	34.57	---	---
S-4	05/12/2004	---	---	---	---	---	---	---	---	---	---	---	41.04	7.10	33.94	---	---
S-4	08/23/2004	---	---	---	---	---	---	---	---	---	---	---	41.04	7.60	33.44	---	---
S-4	12/01/2004	---	---	---	---	---	---	---	---	---	---	---	41.04	7.23	33.81	---	---
S-4	02/07/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	41.04	6.12	34.92	---	---
S-4	05/02/2005	---	---	---	---	---	---	---	---	---	---	---	41.04	6.50	34.54	---	---
S-4	08/04/2005	---	---	---	---	---	---	---	---	---	---	---	41.04	7.13	33.91	---	---
S-4	11/16/2005	---	---	---	---	---	---	---	---	---	---	---	41.04	7.43	33.61	---	---
S-4	03/02/2006	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	41.04	6.05	34.99	---	---
S-4	05/31/2006	---	---	---	---	---	---	---	---	---	---	---	41.04	6.64	34.40	---	---
S-4	08/29/2006	---	---	---	---	---	---	---	---	---	---	---	41.04	7.25	33.79	---	---
S-4	12/06/2006	---	---	---	---	---	---	---	---	---	---	---	41.04	7.39	33.65	---	---
S-4	01/30/2007	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	41.04	7.24	33.80	---	---
S-4	05/15/2007	---	---	---	---	---	---	---	---	---	---	---	41.04	6.60	34.44	---	---

GROUNDWATER DATA
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Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-4	08/29/2007	---	---	---	---	---	---	---	---	---	---	---	41.04	7.42	33.62	---	---
S-4	11/29/2007	---	---	---	---	---	---	---	---	---	---	---	41.04	7.22	33.82	---	---
S-4	02/21/2008	<50 f	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	41.04	6.20	34.84	---	---
S-4	05/06/2008	---	---	---	---	---	---	---	---	---	---	---	41.04	7.19	33.85	---	---
S-4	08/27/2008	---	---	---	---	---	---	---	---	---	---	---	41.04	7.52	33.52	---	---
S-4	11/24/2008	---	---	---	---	---	---	---	---	---	---	---	41.04	7.73	33.31	---	---
S-4	01/28/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	41.04	7.21	33.83	---	---
S-4	05/26/2009	---	---	---	---	---	---	---	---	---	---	---	41.04	6.95	34.09	---	---
S-4	11/24/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	41.04	7.43	33.61	---	---
S-4	05/26/2010	---	---	---	---	---	---	---	---	---	---	---	41.04	6.68	34.36	---	---
S-4	11/30/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	41.04	6.87	34.17	---	---
S-4	05/11/2011	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	41.04	6.90	34.14	---	---
S-4	11/28/2011	<50	<0.500	<0.500	<0.500	<0.500	---	4.76	---	---	---	---	41.04	7.00	34.04	---	---
S-4	**06/05/2012**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<0.50**	**---**	**---**	**---**	**---**	**41.04**	**7.11**	**33.93**	**---**	**---**
S-5	05/13/1991	---	---	---	---	---	---	---	---	---	---	---	39.99	14.60	30.57	6.48	---
S-5	08/23/1991	---	---	---	---	---	---	---	---	---	---	---	39.99	15.14	29.25	5.50	---
S-5	11/07/1991	---	---	---	---	---	---	---	---	---	---	---	39.99	15.10	29.17	5.35	---
S-5	01/28/1992	---	---	---	---	---	---	---	---	---	---	---	39.99	14.05	29.86	4.90	---
S-5	05/06/1992	---	---	---	---	---	---	---	---	---	---	---	39.99	14.31	30.21	5.66	---
S-5	08/26/1992	---	---	---	---	---	---	---	---	---	---	---	39.99	14.26	28.77	3.80	---
S-5	10/28/1992	---	---	---	---	---	---	---	---	---	---	---	39.99	14.22	28.82	3.81	---
S-5	01/19/1993	---	---	---	---	---	---	---	---	---	---	---	39.99	12.36	30.80	3.96	---
S-5	04/29/1993	---	---	---	---	---	---	---	---	---	---	---	39.99	9.64	31.07	0.90	---
S-5	07/22/1993	---	---	---	---	---	---	---	---	---	---	---	39.99	9.55	31.16	0.90	---
S-5	10/21/1993	---	---	---	---	---	---	---	---	---	---	---	39.99	11.23	29.34	0.73	---
S-5	01/04/1994	---	---	---	---	---	---	---	---	---	---	---	39.99	11.69	29.82	1.90	---
S-5	04/13/1994	---	---	---	---	---	---	---	---	---	---	---	39.99	11.42	29.87	1.62	---
S-5	07/25/1994	---	---	---	---	---	---	---	---	---	---	---	39.99	12.01	29.41	1.79	---
S-5	10/10/1994	---	---	---	---	---	---	---	---	---	---	---	39.99	12.05	29.38	1.80	---
S-5	01/26/1995	---	---	---	---	---	---	---	---	---	---	---	39.99	8.42	32.95	1.72	---
S-5	04/21/1995	---	---	---	---	---	---	---	---	---	---	---	39.99	10.03	30.90	1.17	---
S-5	07/28/1995	---	---	---	---	---	---	---	---	---	---	---	39.99	11.42	30.07	1.87	---
S-5	10/31/1995	---	---	---	---	---	---	---	---	---	---	---	39.99	13.21	27.21	0.54	---
S-5	01/10/1996	---	---	---	---	---	---	---	---	---	---	---	39.99	12.05	28.04	0.13	---

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SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-5	04/25/1996	---	---	---	---	---	---	---	---	---	---	---	39.99	9.68	30.33	0.03	---
S-5	07/23/1996	---	---	---	---	---	---	---	---	---	---	---	39.99	9.82	30.20	0.04	---
S-5	12/10/1996	270,000	8,800	29,000	5,200	37,000	<2,500	---	---	---	---	---	39.99	9.10	30.91	0.03	---
S-5 (D)	12/10/1996	400,000	9,200	32,000	7,200	50,000	<2,500	---	---	---	---	---	39.99	9.10	30.91	0.03	---
S-5	02/20/1997	88,000	2,000	11,000	1,600	19,000	<500	---	---	---	---	---	39.99	8.93	31.06	---	5
S-5	05/22/1997	---	---	---	---	---	---	---	---	---	---	---	39.99	10.07	29.94	0.02	---
S-5	08/22/1997	---	---	---	---	---	---	---	---	---	---	---	39.99	10.24	29.77	0.02	---
S-5	11/03/1997	---	---	---	---	---	---	---	---	---	---	---	39.99	10.91	29.10	0.02	---
S-5	02/20/1998	---	---	---	---	---	---	---	---	---	---	---	39.99	7.81	32.20	0.03	---
S-5	05/18/1998	---	---	---	---	---	---	---	---	---	---	---	39.99	9.64	30.37	0.02	---
S-5	05/31/2001	---	---	---	---	---	---	---	---	---	---	---	39.99	10.13	29.86	---	---
S-6	05/13/1991	13,000	600	140	210	310	---	---	---	---	---	---	40.12	7.82	32.30	---	---
S-6	08/23/1991	9,800	480	80	120	150	---	---	---	---	---	---	40.12	9.58	30.54	---	---
S-6	11/07/1991	6,200	240	23	25	27	---	---	---	---	---	---	40.12	10.86	29.26	---	---
S-6	01/28/1992	5,600	250	15	41	36	---	---	---	---	---	---	40.12	8.97	31.15	---	---
S-6	05/06/1992	7,100	330	29	110	210	---	---	---	---	---	---	40.12	8.27	31.85	---	---
S-6	08/26/1992	13,000	240	<50	56	780	---	---	---	---	---	---	40.12	9.57	31.55	---	---
S-6	10/28/1992	10,000	470	210	67	170	---	---	---	---	---	---	40.12	8.90	32.22	---	---
S-6	01/19/1993	4,800	100	26	27	45	---	---	---	---	---	---	40.12	4.84	35.28	---	---
S-6	04/29/1993	7,000	430	20	<12.5	42	---	---	---	---	---	---	40.12	5.61	34.51	---	---
S-6	07/22/1993	5,800	260	120	65	150	---	---	---	---	---	---	40.12	6.56	33.56	---	---
S-6	10/21/1993	5,500	270	69	120	140	---	---	---	---	---	---	40.12	8.73	31.39	---	---
S-6	01/04/1994	7,100	180	58	63	62	---	---	---	---	---	---	40.12	7.14	32.98	---	---
S-6	04/13/1994	---	---	---	---	---	---	---	---	---	---	---	40.12	7.21	32.91	---	---
S-6	07/25/1994	12,000	190	52	30	39	---	---	---	---	---	---	40.12	6.85	33.27	---	---
S-6 (D)	07/25/1994	7,200	170	32	31	34	---	---	---	---	---	---	40.12	6.85	33.27	---	---
S-6	10/10/1994	---	---	---	---	---	---	---	---	---	---	---	40.12	6.20	33.92	---	---
S-6	01/26/1995	5,800	120	23	24	44	---	---	---	---	---	---	40.12	4.89	35.23	---	---
S-6	04/21/1995	---	---	---	---	---	---	---	---	---	---	---	40.12	5.61	34.51	---	---
S-6	07/28/1995	4,400	210	23	34	60	---	---	---	---	---	---	40.12	5.30	34.82	---	3
S-6 (D)	07/28/1995	6,100	230	20	38	59	---	---	---	---	---	---	40.12	5.30	34.82	---	3
S-6	10/31/1995	---	---	---	---	---	---	---	---	---	---	---	40.12	4.98	35.14	---	---
S-6	01/10/1996	6,800	170	87	35	105	---	---	---	---	---	---	40.12	5.67	34.45	---	2.2
S-6 (D)	01/10/1996	7,800	230	120	50	210	---	---	---	---	---	---	40.12	5.67	34.45	---	2.2

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-6	04/25/1996	---	---	---	---	---	---	---	---	---	---	---	40.12	5.23	34.89	---	---
S-6	07/23/1996	2,600	170	<0.50	<0.50	8.5	<25	---	---	---	---	---	40.12	5.40	34.72	---	1.4
S-6	12/10/1996	---	---	---	---	---	---	---	---	---	---	---	40.12	6.68	33.44	---	0.7
S-6	02/20/1997	6,300	160	7.7	14	31	77	---	---	---	---	---	40.12	5.70	34.42	---	2
S-6	05/22/1997	---	---	---	---	---	---	---	---	---	---	---	40.12	5.49	34.63	---	0.9
S-6	08/22/1997	6,200	160	26	15	27	49	---	---	---	---	---	40.12	5.71	34.41	---	2.8
S-6	11/03/1997	---	---	---	---	---	---	---	---	---	---	---	40.12	6.15	33.97	---	1.4
S-6	02/20/1998	4,100	150	<10	<10	15	55	---	---	---	---	---	40.12	5.25	34.87	---	0.4
S-6	05/18/1998	---	---	---	---	---	---	---	---	---	---	---	40.12	5.69	34.43	---	0.4
S-6	08/20/1998	7,800	240	38	16	39	110	---	---	---	---	---	40.12	6.04	34.08	---	1.5
S-6 (D)	08/20/1998	8,400	270	30	19	31	130	---	---	---	---	---	40.12	6.04	34.08	---	1.5
S-6	11/06/1998	---	---	---	---	---	---	---	---	---	---	---	40.12	6.10	34.02	---	---
S-6	02/16/1999	6,000	190	19	14	20	<2.5	---	---	---	---	---	40.12	5.84	34.28	---	1.7
S-6	05/28/1999	---	---	---	---	---	---	---	---	---	---	---	40.12	9.51	30.61	---	1.9
S-6	08/24/1999	6,870	193	32.1	18.8	36.4	<25.0	---	---	---	---	---	40.12	8.29	31.83	---	2.7
S-6	11/16/1999	---	---	---	---	---	---	---	---	---	---	---	40.12	5.93	34.19	---	2.6
S-6	02/02/2000	2,310	164	122	28.6	133	63.1	---	---	---	---	---	40.12	5.33	34.79	---	2.6
S-6	05/09/2000	---	---	---	---	---	---	---	---	---	---	---	40.12	6.41	33.71	---	2.4
S-6	08/03/2000	5,600	188	27.4	<10.0	25.2	174	---	---	---	---	---	40.12	5.84	34.28	---	2.7
S-6	11/15/2000	---	---	---	---	---	---	---	---	---	---	---	40.12	5.58	34.54	---	2.3
S-6	02/14/2001	6,140	126	13.2	8.01	18.0	205	---	---	---	---	---	40.12	5.50	34.62	---	1.3
S-6	05/31/2001	---	---	---	---	---	---	---	---	---	---	---	40.12	5.52	34.60	---	1.2
S-6	08/15/2001	6,000	160	9.1	5.8	24	---	51	---	---	---	---	40.12	6.04	34.08	---	0.4
S-6	12/31/2001	6,900	120	12	6.6	24	---	44	---	---	---	---	40.12	5.52	34.60	---	0.4
S-6	02/06/2002	4,300	110	7.3	4.8	18	---	39	---	---	---	---	40.12	6.34	33.78	---	0.5
S-6	06/04/2002	4,300	140	8.4	4.9	22	---	26	---	---	---	---	40.12	6.19	33.93	---	0.4
S-6	07/25/2002	3,900	140	9.0	5.5	23	---	31	---	---	---	---	39.92	6.05	33.87	---	0.7
S-6	11/27/2002	5,200	160	9.6	4.9	24	---	26	---	---	---	---	39.92	6.26	33.66	---	---
S-6	01/30/2003	4,700	200	9.6	5.5	25	---	30	---	---	---	---	39.92	5.73	34.19	---	---
S-6	06/03/2003	3,900	160	10	<10	25	---	30	---	---	---	---	39.92	5.52	34.40	---	---
S-6	08/08/2003	2,900	150	8.8	3.6	18	---	18	---	---	---	---	39.92	6.14	33.78	---	---
S-6	11/13/2003	8,300	220	19	11	35	---	28	---	---	---	---	39.92	5.85	34.07	---	---
S-6	02/04/2004	7,400	310	17	10	31	---	30	---	---	---	---	39.92	5.51	34.41	---	---
S-6	05/12/2004	4,000	230	10	5.5	24	---	21	---	---	---	---	39.92	6.10	33.82	---	---
S-6	08/23/2004	6,000	260	16	9.0	32	---	19	---	---	---	---	39.92	6.38	33.54	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-6	12/01/2004	9,600	280	23	11	47	---	24	---	---	---	---	39.92	6.41	33.51	---	---
S-6	02/07/2005	7,100	300	14	8.4	35	---	21	---	---	---	---	39.92	5.94	33.98	---	---
S-6	05/02/2005	6,100	250	12	8.1	30	---	16	---	---	---	---	39.92	5.90	34.02	---	---
S-6	08/04/2005	5,200	180	13	8.0	31	---	15	---	---	---	---	39.92	6.67	33.25	---	---
S-6	11/16/2005	9,950	147	15.3	9.82	32.3	---	10.8	---	---	---	---	39.92	6.64	33.28	---	---
S-6	03/02/2006	2,400	72	9.2	7.0	21	---	6.4	---	---	---	---	39.92	5.92	34.00	---	---
S-6	05/31/2006	9,460	182	13.6	8.80	33.5	---	11.4 e	---	---	---	---	39.92	6.28	33.64	---	---
S-6	08/29/2006	8,840	108	26.6	12.4	37.7	---	10.1	---	---	---	---	39.92	7.19	32.73	---	---
S-6	12/06/2006	4,900	130	17	8.2	35	---	9.4	---	---	---	---	39.92	7.06	32.86	---	---
S-6	01/30/2007	4,500	100	22	12	38	---	8.1	---	---	---	---	39.92	6.94	32.98	---	---
S-6	05/15/2007	6,900 f	120	9.2	6.7	27.6	---	6.4	---	---	---	---	39.92	6.30	33.62	---	---
S-6	08/29/2007	9,300 f	110	30	14	52	---	6.4	<50	5.3 g	<10	<10	39.92	7.27	32.65	---	---
S-6	11/29/2007	4,300 f	110	19 h	14	53	---	8.7	---	---	---	---	39.92	6.87	33.05	---	---
S-6	02/21/2008	5,600 f	110	8.6	5.0	28.3	---	6.4	---	---	---	---	39.92	5.75	34.17	---	---
S-6	05/06/2008	5,900	110	12	7.5	30.1	---	<1.0	---	---	---	---	39.92	6.60	33.32	---	---
S-6	08/27/2008	6,200	58	15	7.0	27.9	---	<2.0	---	---	---	---	39.92	7.40	32.52	---	---
S-6	11/24/2008	6,100	80	20	12	40	---	<2.0	---	---	---	---	39.92	7.30	32.62	---	---
S-6	11/24/2008	6,100	80	20	12	40	---	<2.0	---	---	---	---	39.92	7.30	32.62	---	---
S-6	01/28/2009	5,300	80	10	6.3	26	---	<1.0	---	---	---	---	39.92	6.61	33.31	---	---
S-6	05/26/2009	6,600	130	6.6	4.4	21	---	4.9	---	---	---	---	39.92	6.70	33.22	---	---
S-6	11/24/2009	6,200	69	13	8.4	32	---	4.5	---	---	---	---	39.92	7.03	32.89	---	---
S-6	05/26/2010	5,100	130	8.3	4.8	27	---	6.1	---	---	---	---	39.92	6.24	33.68	---	---
S-6	11/30/2010	5,500	74	10	6.2	32	---	5.6	---	---	---	---	39.92	6.12	33.80	---	---
S-6	05/11/2011	8,900	73	7.8	6.8	31	---	4.2	---	---	---	---	39.92	6.30	33.62	---	---
S-6	11/28/2011	3,300	74.1	7.49	5.33	30.0	---	4.17	---	---	---	---	39.92	6.45	33.47	---	---
S-6	**06/05/2012**	**5,000**	**78**	**11**	**8.6**	**38**	**---**	**4.5**	**---**	**---**	**---**	**---**	**39.92**	**6.71**	**33.21**	**---**	**---**
S-7	05/13/1991	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	10.56	29.54	---	---
S-7	08/23/1991	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	11.16	28.94	---	---
S-7	11/07/1991	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	11.48	28.62	---	---
S-7	01/28/1992	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	10.72	29.38	---	---
S-7	05/06/1992	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	10.34	29.76	---	---
S-7	08/26/1992	160	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	11.13	28.97	---	---
S-7	10/28/1992	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	11.52	28.58	---	---
S-7	01/19/1993	50	1.1	0.60	1.9	9.2	---	---	---	---	---	---	40.10	8.68	31.42	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-7	04/29/1993	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	9.90	30.20	---	---
S-7	07/22/1993	Well inaccessible		---	---	---	---	---	---	---	---	---	40.10	---	---	---	---
S-7	10/21/1993	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	11.10	29.00	---	---
S-7	01/04/1994	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	10.40	29.70	---	---
S-7	04/13/1994	<50	1.4	0.61	<0.50	0.64	---	---	---	---	---	---	40.10	10.20	29.90	---	---
S-7 (D)	04/13/1994	<50	1.4	0.61	<0.50	0.66	---	---	---	---	---	---	40.10	10.20	29.90	---	---
S-7	07/25/1994	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	10.48	29.62	---	---
S-7 a	10/10/1994	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	10.64	29.46	---	---
S-7	01/26/1995	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	7.75	32.35	---	4.6
S-7	04/21/1995	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	8.51	31.59	---	---
S-7	07/28/1995	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	10.20	29.90	---	3
S-7	10/31/1995	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	40.10	10.86	29.24	---	4.9
S-7	01/10/1996	<50	<0.50	2.0	<0.50	2.6	---	---	---	---	---	---	40.10	10.33	29.77	---	7.6
S-7	04/25/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	40.10	9.13	30.97	---	6.2
S-7	07/23/1996	<50	<0.50	<0.50	<0.50	<0.50	14	---	---	---	---	---	40.10	10.18	29.92	---	3.7
S-7	12/10/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	40.10	9.04	31.06	---	4.6
S-7	02/20/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	40.10	9.60	30.50	---	5
S-7	05/22/1997	<50	1.3	<0.50	<0.50	<0.50	5.5	---	---	---	---	---	40.10	10.63	29.47	---	0.8
S-7	08/22/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	40.10	10.95	29.15	---	2.6
S-7	11/03/1997	<50	2.2	1.7	0.58	3.4	<2.5	---	---	---	---	---	40.10	11.29	28.81	---	2.6
S-7	02/20/1998	350	23	13	14	42	3.8	---	---	---	---	---	40.10	7.73	32.37	---	4.6
S-7	05/18/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	40.10	10.29	29.81	---	4.4
S-7	08/20/1998	Well inaccessible		---	---	---	---	---	---	---	---	---	40.10	11.00	29.10	---	5.4
S-7	11/06/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	40.10	11.19	28.91	---	5.2
S-7	02/16/1999	Well inaccessible		---	---	---	---	---	---	---	---	---	40.10	---	---	---	---
S-7	05/28/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	40.10	9.76	30.34	---	2.7
S-7	08/24/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	40.10	10.61	29.49	---	2.1
S-7	11/16/1999	<50.0	<0.500	<0.500	<0.500	<0.500	3.68	---	---	---	---	---	40.10	10.90	29.20	---	2.3
S-7	02/02/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	40.10	10.30	29.80	---	2.1
S-7	05/09/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	40.10	10.25	29.85	---	2.7
S-7	08/03/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	40.10	10.65	29.45	---	2.5
S-7	11/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	40.10	10.53	29.57	---	4.6
S-7	02/14/2001	Well inaccessible		---	---	---	---	---	---	---	---	---	40.10	---	---	---	---
S-7	05/31/2001	<50	<0.50	<0.50	<0.50	0.77	---	4.6	---	---	---	---	40.10	9.46	30.64	---	2.1
S-7	08/15/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	40.10	10.93	29.17	---	2.0

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-7	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	---	6.0	---	---	---	---	40.10	9.14	30.96	---	3.0
S-7	02/06/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	40.10	8.61	31.49	---	3.2
S-7	06/04/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	40.10	10.41	29.69	---	0.9
S-7	07/25/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	39.91	10.37	29.54	---	1.1
S-7	11/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	39.91	10.52	29.39	---	---
S-7	01/30/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	39.91	9.38	30.53	---	---
S-7	06/03/2003	<50	<0.50	<0.50	<0.50	<1.0	---	0.72	---	---	---	---	39.91	10.18	29.73	---	---
S-7	08/08/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.91	10.43	29.48	---	---
S-7	11/13/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.91	10.39	29.52	---	---
S-7	02/04/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.91	9.17	30.74	---	---
S-7	05/12/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.91	10.20	29.71	---	---
S-7	08/23/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.72 c	10.53	29.19	---	---
S-7	12/01/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.72	10.36	29.36	---	---
S-7	02/07/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.72	8.78	30.94	---	---
S-7	05/02/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.72	9.46	30.26	---	---
S-7	08/04/2005	Well paved over		---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8	05/10/2004	---	---	---	---	---	---	---	---	---	---	---	40.52	10.85	29.67	---	---
S-8	05/12/2004	<1,300	<13	<13	<13	<25	---	2,500	---	---	---	---	40.52	10.95	29.57	---	---
S-8	08/23/2004	1,300	15	<13	<13	<25	---	2,500	570	<50	<50	<50	40.52	11.40	29.12	---	---
S-8	12/01/2004	1,400 d	<13	<13	<13	<25	---	2,700	---	---	---	---	40.52	11.10	29.42	---	---
S-8	02/07/2005	6,400	240	27	290	100	---	370	---	---	---	---	40.52	10.22	30.30	---	---
S-8	05/02/2005	6,300	160	25	200	74	---	190	---	---	---	---	40.52	10.05	30.47	---	---
S-8	08/04/2005	2,500	130	7.5	<6.0	14	---	290	92	<8.0	<8.0	<8.0	40.52	10.88	29.64	---	---
S-8	11/16/2005	27,700	43.2	4.36	637	1,200	---	638	---	---	---	---	40.52	11.28	29.24	---	---
S-8	03/02/2006	9,900	160	13	490	530	---	110	---	---	---	---	40.52	8.85	31.67	---	---
S-8	05/31/2006	14,300	270	53.1	283	246	---	102 e	---	---	---	---	40.52	10.34	30.18	---	---
S-8	08/29/2006	14,700	107	9.42	196	195	---	278	36.1	<0.500	<0.500	<0.500	40.52	11.17	29.35	---	---
S-8	12/06/2006	7,800	150	8.6	120	110	---	200	---	---	---	---	40.52	11.21	29.31	---	---
S-8	01/30/2007	7,500	220	18	180	96	---	170	---	---	---	---	40.52	10.72	29.80	---	---
S-8	05/15/2007	9,600 f	---	24	160	112	---	130	---	---	---	---	40.52	10.50	30.02	---	---
S-8	08/29/2007	---	---	---	---	---	---	---	---	---	---	---	40.52	11.44	29.11	0.04	---
S-8	08/30/2007	6,100 f	35	2.7	140	234	---	170	820	<4.0	<4.0	<4.0	40.52	11.37	29.25	0.13	---
S-8	09/25/2007	---	---	---	---	---	---	---	---	---	---	---	40.52	11.56	29.22	0.32	---
S-8	10/29/2007	---	---	---	---	---	---	---	---	---	---	---	40.52	11.23	29.50	0.26	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-8	11/29/2007	---	---	---	---	---	---	---	---	---	---	---	40.52	11.08	29.60	0.20	---
S-8	12/11/2007	---	---	---	---	---	---	---	---	---	---	---	40.52	10.61	30.03	0.15	---
S-8	01/24/2008	---	---	---	---	---	---	---	---	---	---	---	40.52	9.61	30.97	0.08	---
S-8	02/21/2008	---	---	---	---	---	---	---	---	---	---	---	40.52	9.11	31.43	0.03	---
S-8	03/20/2008	---	---	---	---	---	---	---	---	---	---	---	40.52	10.22	30.40	0.12	---
S-8	04/30/2008	---	---	---	---	---	---	---	---	---	---	---	40.52	10.91	29.67	0.07	---
S-8	05/06/2008	---	---	---	---	---	---	---	---	---	---	---	40.52	10.50	30.05	0.04	---
S-8	06/04/2008	---	---	---	---	---	---	---	---	---	---	---	40.52	11.34	29.24	0.07	---
S-8	07/29/2008	---	---	---	---	---	---	---	---	---	---	---	40.52	11.83	28.71	0.03	---
S-8	08/27/2008	---	---	---	---	---	---	---	---	---	---	---	40.52	11.40	29.14	0.03	---
S-8	09/30/2008	---	---	---	---	---	---	---	---	---	---	---	40.52	12.08	28.46	0.03	---
S-8	10/31/2008	---	---	---	---	---	---	---	---	---	---	---	40.52	11.35	29.37	0.25	---
S-8	11/24/2008	---	---	---	---	---	---	---	---	---	---	---	40.52	10.79	29.89	0.20	---
S-8	12/30/2008	---	---	---	---	---	---	---	---	---	---	---	40.52	8.90	31.75	0.16	---
S-8	01/14/2009	---	---	---	---	---	---	---	---	---	---	---	40.52	9.87	30.83	0.22	---
S-8	01/28/2009	---	---	---	---	---	---	---	---	---	---	---	40.52	9.52	31.10	0.13	---
S-8	03/31/2009	---	---	---	---	---	---	---	---	---	---	---	40.52	8.56	32.11	0.19	---
S-8	04/21/2009	---	---	---	---	---	---	---	---	---	---	---	40.52	8.90	31.75	0.16	---
S-8	05/26/2009	---	---	---	---	---	---	---	---	---	---	---	40.52	9.04	31.57	0.11	---
S-8	06/30/2009	---	---	---	---	---	---	---	---	---	---	---	40.52	10.28	30.32	0.10	---
S-8	07/23/2009	---	---	---	---	---	---	---	---	---	---	---	40.52	10.37	30.25	0.13	---
S-8	08/31/2009	---	---	---	---	---	---	---	---	---	---	---	40.52	10.78	29.80	0.08	---
S-8	11/24/2009	---	---	---	---	---	---	---	---	---	---	---	40.52	9.73	30.84	0.06	---
S-8	05/26/2010	59,000	150	32	2,100	4,400	---	78	---	---	---	---	40.52	7.59	32.93	0.00	---
S-8	11/30/2010	---	---	---	---	---	---	---	---	---	---	---	40.52	8.34	32.23	0.06	---
S-8	02/10/2011	---	---	---	---	---	---	---	---	---	---	---	40.52	8.28	32.30	0.08	---
S-8	05/11/2011	---	---	---	---	---	---	---	---	---	---	---	40.52	8.39	32.15	0.02	---
S-8	08/10/2011	---	---	---	---	---	---	---	---	---	---	---	40.52	8.72	31.81	0.01	---
S-8	11/28/2011	25,000	169	11.8	874	1,170	---	101	<10.0	<0.500	<0.500	<0.500	40.52	8.97	31.55	---	---
S-8	**02/28/2012**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**40.52**	**8.64**	**31.88**	**---**	**---**
S-8	**06/05/2012**	**32,000**	**160**	**15**	**600**	**660**	**---**	**75**	**---**	**---**	**---**	**---**	**40.52**	**9.63**	**30.89**	**---**	**---**
S-9	05/10/2004	---	---	---	---	---	---	---	---	---	---	---	39.72	10.34	29.38	---	---
S-9	05/12/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.72	10.42	29.30	---	---
S-9	08/23/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.72	11.32	28.40	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)
S-9	12/01/2004	Unable to locate		---	---	---	---	---	---	---	---	---	39.72	---	---	---	---
S-9	02/07/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.72	8.74	30.98	---	---
S-9	05/02/2005	Well inaccessible		---	---	---	---	---	---	---	---	---	39.72	---	---	---	---
S-9	08/04/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.72	8.79	30.93	---	---
S-9	11/16/2005	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	39.72	10.30	29.42	---	---
S-9	03/02/2006	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	39.72	5.86	33.86	---	---
S-9	05/31/2006	<50.0	<0.500	<0.500	<0.500	0.540	---	<0.500	---	---	---	---	39.72	9.85	29.87	---	---
S-9	08/29/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	39.72	10.75	28.97	---	---
S-9	12/06/2006	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.72	10.60	29.12	---	---
S-9	01/30/2007	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	39.72	10.45	29.27	---	---
S-9	05/15/2007	61 d,f	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	39.72	10.15	29.57	---	---
S-9	08/29/2007	71 f	<0.50	<1.0	1.3	2.1	---	<1.0	<10	<2.0	<2.0	<2.0	39.72	10.96	28.76	---	---
S-9	11/29/2007	Well inaccessible		---	---	---	---	---	---	---	---	---	39.72	---	---	---	---
S-9	02/21/2008	<50 f	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	39.72	7.36	32.36	---	---
S-9	05/06/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	39.72	10.49	29.23	---	---
S-9	08/27/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	39.72	11.19	28.53	---	---
S-9	11/24/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	39.72	10.91	28.81	---	---
S-9	01/28/2009	Well inaccessible			---	---	---	---	---	---	---	---	39.72	---	---	---	---
S-9	05/26/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	39.72	10.20	29.52	---	---
S-9	11/24/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	39.72	10.52	29.20	---	---
S-9	05/26/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	39.72	7.09	32.63	---	---
S-9	11/30/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	39.72	7.42	32.30	---	---
S-9	05/11/2011	Well inaccessible		---	---	---	---	---	---	---	---	---	39.72	---	---	---	---
S-9	11/28/2011	Well inaccessible		---	---	---	---	---	---	---	---	---	39.72	---	---	---	---
S-9	12/02/2011	<50	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	39.72	8.80	30.92	---	---
S-9	**06/05/2012**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<0.50**	**---**	**---**	**---**	**---**	**39.72**	**10.17**	**29.55**	**---**	**---**

Notes:
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8015 unless otherwise noted.
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary-butyl ether analyzed by method noted
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
999 SAN PABLO AVENUE, ALBANY, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	SPH Thickness (ft)	DO Reading (mg/L)

TOC = Top of casing elevation, in feet relative to mean sea level
SPH = Separate-phase hydrocarbon
GW = Groundwater
DO = Dissolved oxygen
µg/L = Micrograms per liter
ft = Feet
MSL = Mean sea level
mg/L = Milligrams per liter
<x = Not detected at reporting limit x
--- = Not analyzed or not available
(D) = Duplicate sample

a = Sample analyzed for total dissolved solids (450 mg/L).
b = Concentration is an estimated value above the linear quantitation range.
c = TOC lowered 0.19 feet due to wellhead maintenance.
d = Hydrocarbon reported does not match the laboratory standard.
e = Secondary ion abundances were outside method requirements. Identification based on analytical judgment.
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.
h = Analyte was present in the associated method blank.

When SPHs are present, GW elevation is adjusted using the relation:
Corrected GW elevation = TOC - depth to water + (0.8 x hydrocarbon thickness).
Since April 2002 well S-5 has been monitored by Arco.
Prior to July 25, 2002 depth to water referenced to top of well box.
Site wells surveyed January 9, 2002 by Virgil Chavez Land Surveying
Wells S-8 and S-9 surveyed May 11, 2004 by Virgil Chavez Land Surveying

APPENDIX A

BLAINE TECH SERVICES, INC. – FIELD NOTES

WELL GAUGING DATA

Project # 120228-BW2 Date 2/28/12 Client SHELL

Site 999 San Pablo Ave Albany

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
S-8	1503	4	Odor	—	—	—	8.64	—	↓	ABS SOCKS

SHELL WELL MONITORING DATA SHEET

BTS #: 120228-BW2	Site: 98995143
Sampler: B. Weeks	Date: 2/28/12
Well I.D.: S-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): —	Depth to Water (DTW): 8.64
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: ___

___ (Gals.) X ___ = ___ 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
* No product detected w/ Interface Probe						
* Removed 2 socks from well. Total weight: 0.567 Kg (1.25 lbs)						
* Installed 2 new socks in well				Total weight: 0.298 Kg (0.66 lbs)		

Did well dewater? Yes No — Gallons actually evacuated:

Sampling Date: — Sampling Time: — Depth to Water:

Sample I.D.: — Laboratory: Test America Other ___

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

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

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

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

WELL GAUGING DATA

Project # 120605-SK1 Date 6/5/12 Client Shell

Site 999 San Pablo Ave Albany 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
S-1	0832	3					8.22 ~~8.32~~ GW	11.35		
S-2	0835	3					7.89	11.75		
S-3	0838	3					8.30	11.90		
S-4	0822	3					7.11	13.70		
S-6	1012	3					6.71	14.70		
S-7	—									
S-8	0853	4	odor				9.63	15.72		ABS SOCKS
S-9	1025	2					10.17	15.84		

SHELL WELL MONITORING DATA SHEET

BTS #: 120605-SK	Site: 98995143
Sampler: SK	Date: 6/5/12
Well I.D.: S-1	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 11.35	Depth to Water (DTW): 8.22
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.84	

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1049	65.4	6.67	437	>1000	1.1	
Well	dewatered		@ 1.5 gal		DTW=	10.06
1325	64.5	6.78	516	>1000		

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

Sampling Date: 6/5/12 Sampling Time: 1325 Depth to Water: 9.63 (2hrs+)

Sample I.D.: S-1 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:	1.46 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120605-SK	Site: 98995143
Sampler: SK	Date: 6/5/12
Well I.D.: S-2	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 11.75	Depth to Water (DTW): 7.89
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.66	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1104	66.1	6.77	451	>1000	1.4	
Well	dewatered	@	1.5 gal			DTW = 9.49
1338	65.0	6.80	772	>1000		

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

Sampling Date: 6/5/12 Sampling Time: 1338 Depth to Water: 8.89 (2 hrs)

Sample I.D.: S-2 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:	0.98 mg/L	Post-purge:		mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120605-SK	Site: 98995143
Sampler: SK	Date: 6/5/12
Well I.D.: S - 3	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 11.96	Depth to Water (DTW): 8.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.02	

Purge Method: (Bailer) Waterra — Sampling Method: (Bailer)
Disposable Bailer — Peristaltic — Disposable Bailer
Positive Air Displacement — Extraction Pump — Extraction Port
Electric Submersible — Other ____ — Dedicated Tubing
Other: ____

1.3 (Gals.) X	3	=	3.9 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
1117	65.9	6.71	563	722	1.3	
Well	dewatered	@	2.0 gal			DTW = 9.93
1350	65.0	6.86	571	74		

Did well dewater? (Yes) No — Gallons actually evacuated: 2.0

Sampling Date: 6/5/12 — Sampling Time: 1350 — Depth to Water: 8.44

Sample I.D.: S - 3 — 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:	0.65 mg/L	Post-purge:		mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120605-SK	Site: 98995143
Sampler: SK	Date: 6/5/12
Well I.D.: S-4	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 13.70	Depth to Water (DTW): 7.11
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]: 8.42	

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

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

2.4 (Gals.) X	3	=	7.2 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0931	66.9	6.43	340	668	2.4	
Well	dewatered	@		3.0	gal	DTW=11.24
1247	69.4	6.51	347	510		

Did well dewater? (Yes) No Gallons actually evacuated: 3.0

Sampling Date: 6/5/12 Sampling Time: 1247 Depth to Water: 9.21 (2hrs)

Sample I.D.: S-4 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 #: 120605-SK	Site: 98995143
Sampler: SK	Date: 6/5/12
Well I.D.: S-6	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 14.70	Depth to Water (DTW): 6.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.30	

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

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

1 Case Volume		Specified Volumes		Calculated Volume
2.9	(Gals.) X	3	=	8.7 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
1015	69.4	6.69	899	>1000	2.9	
Well	dewatered	@	3.0 gal			DTW = 11.41
1255	69.5	7.06	841	156		

Did well dewater? (Yes) No Gallons actually evacuated: 3.0

Sampling Date: 6/5/12 Sampling Time: 1255 Depth to Water: 6.90

Sample I.D.: S-6 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 #: 120605-SKI	Site: 98995143
Sampler: SK	Date: 6/5/12
Well I.D.: S-7	Well Diameter: 2 3 4 6 8 ____
Total Well Depth (TD): —	Depth to Water (DTW): —
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: —	

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

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

_____ (Gals.) X _____ = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
		- WELL PAVED OVER				
			NO SAMPLE TAKEN			

Did well dewater? Yes No — Gallons actually evacuated:

Sampling Date: — Sampling Time: — Depth to Water:

Sample I.D.: — Laboratory: Test America Other _____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120605-SK	Site: 98995143
Sampler: SK	Date: 6/5/12
Well I.D.: S-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 15.72	Depth to Water (DTW): 9.63
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.89	

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: _____

4.0 (Gals.) X	3	=	12.0 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
* No Product	detected (SK)		detected	(use interface probe)		
* Removed * Installed	2 Sock 2 new	from sock	well in well	Total weight : 0.66kg Total weight : 0.30 kg		(1.44 lbs) (0.66 lbs)
1129	65.9	6.55	672	959	4.0	
Well	de	watered	@	4.0	gal	DTW = 11.89
1405	64.4	6.56	680	160		

Did well dewater? (Yes) No Gallons actually evacuated: 4.0

Sampling Date: 6/5/12 Sampling Time: 1405 Depth to Water: 11.23 (2 hrs)

Sample I.D.: S-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 #: 120605-SK1	Site: 98995143
Sampler: SK	Date: 6/5/12
Well I.D.: S-9	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 15.84	Depth to Water (DTW): 10.17
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]: 11.30	

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

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

1 Case Volume	Specified Volumes	Calculated Volume
0.9 (Gals.) X	3	= 2.7 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
1027	65.4	7.00	447	956	0.9	
1028	64.5	6.71	432	822	1.8	
1029	64.3	6.64	425	>1000	2.7	DTW = 13.28

Did well dewater? Yes (No) Gallons actually evacuated: 2.7

Sampling Date: 6/5/12 Sampling Time: 1315 Depth to Water: 13.04

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

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

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

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

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

INCIDENT # 98995143

ADDRESS 999 San Pablo Ave

DATE: 6/5/12

CITY & STATE Albany CA

Well ID	Observations Upon Arrival: Manway Cover, Type, Condition & Size					Well Labeled / Painted Properly*		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition		Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM Initials
S-1	Standpipe	(Flush)	(G)	P	Size (inch) 12	(Y)	N	(G)	R	(G)	R	NL	(G)	P		Y	N	
S-2	Standpipe	(Flush)	(G)	P	Size (inch) 12	(Y)	N	(G)	R	(G)	R	NL	(G)	P		Y	N	
S-3	Standpipe	(Flush)	(G)	P	Size (inch) 12	(Y)	N	(G)	R	(G)	R	NL	(G)	P		Y	N	
S-4	Standpipe	(Flush)	(G)	P	Size (inch) 8	(Y)	N	(G)	R	(G)	R	NL	(G)	P	Christy Box	Y	N	
S-6	Standpipe	(Flush)	(G)	P	Size (inch) 8	(Y)	N	(G)	R	(G)	R	NL	(G)	P	Christy Box	Y	N	
~~S-7~~	~~Standpipe~~	~~Flush~~	~~G~~	~~P~~	Size (inch)	~~Y~~	~~N~~	~~G~~	~~R~~	~~G~~	~~R~~	~~NL~~	~~G~~	~~P~~		~~Y~~	~~N~~	
S-8	Standpipe	(Flush)	(G)	P	Size (inch) 12	(Y)	N	(G)	R	(G)	R	NL	(G)	P		Y	N	
S-9	Standpipe	(Flush)	(G)	~~P~~ (G)	Size (inch) 12	(Y)	N	(G)	R	(G)	R	NL	(G)	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	

TOTAL # CAPS REPLACED = 0 | 0 = TOTAL # OF LOCKS REPLACED

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

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

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

G = Good (Acceptable) R = Replaced

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

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

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

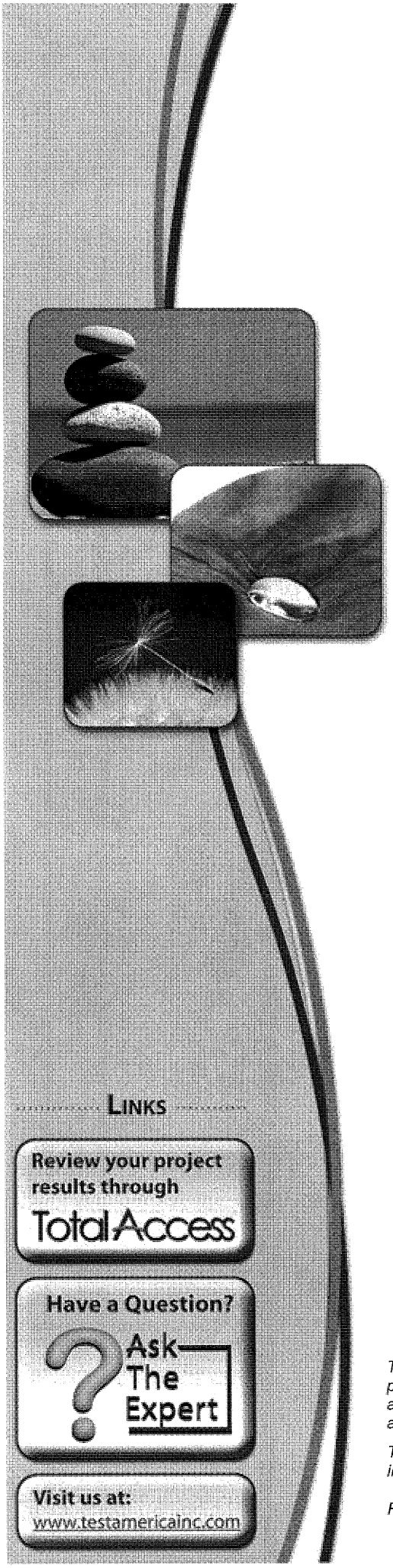
Version 2.4, March 2008

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

Print or type Name of Field Personnel & Consultant Company

APPENDIX B

TESTAMERICA LABORATORIES, INC. – ANALYTICAL REPORT



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 440-14028-1
Client Project/Site: 999 San Pablo Ave., Albany, CA

For:
Conestoga-Rovers & Associates, Inc.
19449 Riverside Drive, Suite 230
Sonoma, California 95476

Attn: Peter Schaefer

Philip Sanelle

Authorized for release by:
6/22/2012 2:20:49 PM

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

Table of Contents

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-14028-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-14028-1	S-1	Water	06/05/12 13:25	06/07/12 09:50
440-14028-2	S-2	Water	06/05/12 13:38	06/07/12 09:50
440-14028-3	S-3	Water	06/05/12 13:50	06/07/12 09:50
440-14028-4	S-4	Water	06/05/12 12:47	06/07/12 09:50
440-14028-5	S-6	Water	06/05/12 12:55	06/07/12 09:50
440-14028-6	S-8	Water	06/05/12 14:05	06/07/12 09:50
440-14028-7	S-9	Water	06/05/12 13:15	06/07/12 09:50

Job ID: 440-14028-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-14028-1

Comments
No additional comments.

Receipt
The samples were received on 6/7/2012 9:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

GC/MS VOA
Method(s) 8260B/CA_LUFTMS: Surrogate recovery for the following sample(s) was outside control limits: S-8 (440-14028-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: S-8 (440-14028-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample ID: S-1

Date Collected: 06/05/12 13:25
Date Received: 06/07/12 09:50

Lab Sample ID: 440-14028-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			06/13/12 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*80 - 120*		*06/13/12 21:18*	*1*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*06/13/12 21:18*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*06/13/12 21:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/13/12 21:18	1
Toluene	ND		0.50		ug/L			06/13/12 21:18	1
Ethylbenzene	ND		0.50		ug/L			06/13/12 21:18	1
Xylenes, Total	ND		1.0		ug/L			06/13/12 21:18	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/13/12 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*06/13/12 21:18*	*1*
Dibromofluoromethane (Surr)	*92*		*80 - 120*		*06/13/12 21:18*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*06/13/12 21:18*	*1*

Client Sample ID: S-2

Date Collected: 06/05/12 13:38
Date Received: 06/07/12 09:50

Lab Sample ID: 440-14028-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**9100**		250		ug/L			06/14/12 16:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*06/14/12 16:10*	*5*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*06/14/12 16:10*	*5*
Toluene-d8 (Surr)	*107*		*80 - 120*		*06/14/12 16:10*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**71**		2.5		ug/L			06/14/12 16:10	5
Toluene	**4.6**		2.5		ug/L			06/14/12 16:10	5
Ethylbenzene	**16**		2.5		ug/L			06/14/12 16:10	5
Xylenes, Total	**8.3**		5.0		ug/L			06/14/12 16:10	5
Methyl-t-Butyl Ether (MTBE)	**280**		2.5		ug/L			06/14/12 16:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*06/14/12 16:10*	*5*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*06/14/12 16:10*	*5*
Toluene-d8 (Surr)	*107*		*80 - 120*		*06/14/12 16:10*	*5*

Client Sample ID: S-3

Lab Sample ID: 440-14028-3

Date Collected: 06/05/12 13:50
Date Received: 06/07/12 09:50

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	2700		50		ug/L			06/13/12 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*06/13/12 22:37*	*1*
4-Bromofluorobenzene (Surr)	*117*		*80 - 120*		*06/13/12 22:37*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*06/13/12 22:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/13/12 22:37	1
Toluene	ND		0.50		ug/L			06/13/12 22:37	1
Ethylbenzene	ND		0.50		ug/L			06/13/12 22:37	1
Xylenes, Total	1.2		1.0		ug/L			06/13/12 22:37	1
Methyl-t-Butyl Ether (MTBE)	5.9		0.50		ug/L			06/13/12 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*80 - 120*		*06/13/12 22:37*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*06/13/12 22:37*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*06/13/12 22:37*	*1*

Client Sample ID: S-4

Lab Sample ID: 440-14028-4

Date Collected: 06/05/12 12:47
Date Received: 06/07/12 09:50

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			06/13/12 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*06/13/12 23:04*	*1*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*		*06/13/12 23:04*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*06/13/12 23:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/13/12 23:04	1
Toluene	ND		0.50		ug/L			06/13/12 23:04	1
Ethylbenzene	ND		0.50		ug/L			06/13/12 23:04	1
Xylenes, Total	ND		1.0		ug/L			06/13/12 23:04	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/13/12 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*		*06/13/12 23:04*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*06/13/12 23:04*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*06/13/12 23:04*	*1*

Client Sample ID: S-6

Lab Sample ID: 440-14028-5

Date Collected: 06/05/12 12:55
Matrix: Water
Date Received: 06/07/12 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	5000		130		ug/L			06/14/12 14:49	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*06/14/12 14:49*	*2.5*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*		*06/14/12 14:49*	*2.5*
Toluene-d8 (Surr)	*103*		*80 - 120*		*06/14/12 14:49*	*2.5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	78		1.3		ug/L			06/14/12 14:49	2.5
Toluene	11		1.3		ug/L			06/14/12 14:49	2.5
Ethylbenzene	8.6		1.3		ug/L			06/14/12 14:49	2.5
Xylenes, Total	38		2.5		ug/L			06/14/12 14:49	2.5
Methyl-t-Butyl Ether (MTBE)	4.5		1.3		ug/L			06/14/12 14:49	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*		*06/14/12 14:49*	*2.5*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*06/14/12 14:49*	*2.5*
Toluene-d8 (Surr)	*103*		*80 - 120*		*06/14/12 14:49*	*2.5*

Client Sample ID: S-8

Lab Sample ID: 440-14028-6

Date Collected: 06/05/12 14:05
Matrix: Water
Date Received: 06/07/12 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	32000		500		ug/L			06/14/12 00:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*06/14/12 00:51*	*10*
4-Bromofluorobenzene (Surr)	*122*	*X*	*80 - 120*		*06/14/12 00:51*	*10*
Toluene-d8 (Surr)	*106*		*80 - 120*		*06/14/12 00:51*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	160		5.0		ug/L			06/14/12 00:51	10
Toluene	15		5.0		ug/L			06/14/12 00:51	10
Ethylbenzene	600		5.0		ug/L			06/14/12 00:51	10
Xylenes, Total	660		10		ug/L			06/14/12 00:51	10
Methyl-t-Butyl Ether (MTBE)	75		5.0		ug/L			06/14/12 00:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*	*X*	*80 - 120*		*06/14/12 00:51*	*10*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*06/14/12 00:51*	*10*
Toluene-d8 (Surr)	*106*		*80 - 120*		*06/14/12 00:51*	*10*

Client Sample ID: S-9

Lab Sample ID: 440-14028-7

Date Collected: 06/05/12 13:15
Matrix: Water
Date Received: 06/07/12 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			06/13/12 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*06/13/12 23:31*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*06/13/12 23:31*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*06/13/12 23:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/13/12 23:31	1
Toluene	ND		0.50		ug/L			06/13/12 23:31	1
Ethylbenzene	ND		0.50		ug/L			06/13/12 23:31	1
Xylenes, Total	ND		1.0		ug/L			06/13/12 23:31	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/13/12 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*06/13/12 23:31*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*06/13/12 23:31*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*06/13/12 23:31*	*1*

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-14028-1

Client Sample ID: S-1

Lab Sample ID: 440-14028-1

Date Collected: 06/05/12 13:25
Date Received: 06/07/12 09:50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	32680	06/13/12 21:18	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	32681	06/13/12 21:18	RM	TAL IRV

Client Sample ID: S-2

Lab Sample ID: 440-14028-2

Date Collected: 06/05/12 13:38
Date Received: 06/07/12 09:50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	10 mL	10 mL	32761	06/14/12 16:10	AL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		5	10 mL	10 mL	32762	06/14/12 16:10	AL	TAL IRV

Client Sample ID: S-3

Lab Sample ID: 440-14028-3

Date Collected: 06/05/12 13:50
Date Received: 06/07/12 09:50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	32680	06/13/12 22:37	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	32681	06/13/12 22:37	RM	TAL IRV

Client Sample ID: S-4

Lab Sample ID: 440-14028-4

Date Collected: 06/05/12 12:47
Date Received: 06/07/12 09:50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	32680	06/13/12 23:04	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	32681	06/13/12 23:04	RM	TAL IRV

Client Sample ID: S-6

Lab Sample ID: 440-14028-5

Date Collected: 06/05/12 12:55
Date Received: 06/07/12 09:50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2.5	10 mL	10 mL	32761	06/14/12 14:49	AL	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		2.5	10 mL	10 mL	32762	06/14/12 14:49	AL	TAL IRV

Client Sample ID: S-8

Lab Sample ID: 440-14028-6

Date Collected: 06/05/12 14:05
Date Received: 06/07/12 09:50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	10 mL	10 mL	32680	06/14/12 00:51	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		10	10 mL	10 mL	32681	06/14/12 00:51	RM	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-14028-1

Client Sample ID: S-9
Date Collected: 06/05/12 13:15
Date Received: 06/07/12 09:50

Lab Sample ID: 440-14028-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	32680	06/13/12 23:31	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	32681	06/13/12 23:31	RM	TAL IRV

Laboratory References:

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

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

Lab Sample ID: MB 440-32680/4
Matrix: Water
Analysis Batch: 32680

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/13/12 19:57	1
Toluene	ND		0.50		ug/L			06/13/12 19:57	1
Ethylbenzene	ND		0.50		ug/L			06/13/12 19:57	1
Xylenes, Total	ND		1.0		ug/L			06/13/12 19:57	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/13/12 19:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*06/13/12 19:57*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*06/13/12 19:57*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*06/13/12 19:57*	*1*

Lab Sample ID: LCS 440-32680/5
Matrix: Water
Analysis Batch: 32680

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	25.0		ug/L		100	70 - 120
Toluene	25.0	27.0		ug/L		108	70 - 120
Ethylbenzene	25.0	26.9		ug/L		108	75 - 125
m,p-Xylene	50.0	51.5		ug/L		103	75 - 125
o-Xylene	25.0	27.7		ug/L		111	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	27.1		ug/L		108	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-14028-1 MS
Matrix: Water
Analysis Batch: 32680

Client Sample ID: S-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	25.4		ug/L		102	65 - 125
Toluene	ND		25.0	25.8		ug/L		103	70 - 125
Ethylbenzene	ND		25.0	26.6		ug/L		106	65 - 130
m,p-Xylene	ND		50.0	54.2		ug/L		108	65 - 130
o-Xylene	ND		25.0	26.2		ug/L		105	65 - 125
Methyl-t-Butyl Ether (MTBE)	ND		25.0	28.0		ug/L		112	55 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

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

Lab Sample ID: 440-14028-1 MSD
Matrix: Water
Analysis Batch: 32680

Client Sample ID: S-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	24.9		ug/L		100	65 - 125	2	20
Toluene	ND		25.0	24.8		ug/L		99	70 - 125	4	20
Ethylbenzene	ND		25.0	27.7		ug/L		111	65 - 130	4	20
m,p-Xylene	ND		50.0	54.6		ug/L		109	65 - 130	1	25
o-Xylene	ND		25.0	27.6		ug/L		110	65 - 125	5	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	28.1		ug/L		112	55 - 145	0	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 440-32761/15
Matrix: Water
Analysis Batch: 32761

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/14/12 14:23	1
Toluene	ND		0.50		ug/L			06/14/12 14:23	1
Ethylbenzene	ND		0.50		ug/L			06/14/12 14:23	1
Xylenes, Total	ND		1.0		ug/L			06/14/12 14:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/14/12 14:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*06/14/12 14:23*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*06/14/12 14:23*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*06/14/12 14:23*	*1*

Lab Sample ID: LCS 440-32761/5
Matrix: Water
Analysis Batch: 32761

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	26.1		ug/L		104	70 - 120
Toluene	25.0	27.2		ug/L		109	70 - 120
Ethylbenzene	25.0	26.6		ug/L		106	75 - 125
m,p-Xylene	50.0	56.8		ug/L		114	75 - 125
o-Xylene	25.0	26.7		ug/L		107	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	28.4		ug/L		114	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

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

Lab Sample ID: 440-14028-5 MS
Matrix: Water
Analysis Batch: 32761

Client Sample ID: S-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	78		62.5	133		ug/L		89	65 - 125
Toluene	11		62.5	76.7		ug/L		106	70 - 125
Ethylbenzene	8.6		62.5	72.8		ug/L		103	65 - 130
m,p-Xylene	29		125	163		ug/L		107	65 - 130
o-Xylene	9.0		62.5	75.5		ug/L		106	65 - 125
Methyl-t-Butyl Ether (MTBE)	4.5		62.5	72.7		ug/L		109	55 - 145

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

Lab Sample ID: 440-14028-5 MSD
Matrix: Water
Analysis Batch: 32761

Client Sample ID: S-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	78		62.5	136		ug/L		93	65 - 125	2	20
Toluene	11		62.5	77.6		ug/L		107	70 - 125	1	20
Ethylbenzene	8.6		62.5	73.8		ug/L		104	65 - 130	1	20
m,p-Xylene	29		125	162		ug/L		106	65 - 130	1	25
o-Xylene	9.0		62.5	70.6		ug/L		99	65 - 125	7	20
Methyl-t-Butyl Ether (MTBE)	4.5		62.5	74.8		ug/L		113	55 - 145	3	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

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

Lab Sample ID: MB 440-32681/4
Matrix: Water
Analysis Batch: 32681

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			06/13/12 19:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*06/13/12 19:57*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*06/13/12 19:57*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*06/13/12 19:57*	*1*

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

Lab Sample ID: LCS 440-32681/6
Matrix: Water
Analysis Batch: 32681

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	472		ug/L		94	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 440-14028-1 MS
Matrix: Water
Analysis Batch: 32681

Client Sample ID: S-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1240		ug/L		70	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 440-14028-1 MSD
Matrix: Water
Analysis Batch: 32681

Client Sample ID: S-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1220		ug/L		68	50 - 145	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 440-32762/15
Matrix: Water
Analysis Batch: 32762

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			06/14/12 14:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*06/14/12 14:23*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*06/14/12 14:23*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*06/14/12 14:23*	*1*

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

Lab Sample ID: LCS 440-32762/6
Matrix: Water
Analysis Batch: 32762

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Volatile Fuel Hydrocarbons (C4-C12)			500	439		ug/L		88	55 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 440-14028-5 MS
Matrix: Water
Analysis Batch: 32762

Client Sample ID: S-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Volatile Fuel Hydrocarbons (C4-C12)	5000		1250	7850	F	ug/L		231	50 - 145		

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

Lab Sample ID: 440-14028-5 MSD
Matrix: Water
Analysis Batch: 32762

Client Sample ID: S-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	5000		1250	7570	F	ug/L		208	50 - 145	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-14028-1

GC/MS VOA

Analysis Batch: 32680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-14028-1	S-1	Total/NA	Water	8260B	
440-14028-1 MS	S-1	Total/NA	Water	8260B	
440-14028-1 MSD	S-1	Total/NA	Water	8260B	
440-14028-3	S-3	Total/NA	Water	8260B	
440-14028-4	S-4	Total/NA	Water	8260B	
440-14028-6	S-8	Total/NA	Water	8260B	
440-14028-7	S-9	Total/NA	Water	8260B	
LCS 440-32680/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-32680/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 32681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-14028-1	S-1	Total/NA	Water	8260B/CA_LUFT MS	
440-14028-1 MS	S-1	Total/NA	Water	8260B/CA_LUFT MS	
440-14028-1 MSD	S-1	Total/NA	Water	8260B/CA_LUFT MS	
440-14028-3	S-3	Total/NA	Water	8260B/CA_LUFT MS	
440-14028-4	S-4	Total/NA	Water	8260B/CA_LUFT MS	
440-14028-6	S-8	Total/NA	Water	8260B/CA_LUFT MS	
440-14028-7	S-9	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-32681/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-32681/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 32761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-14028-2	S-2	Total/NA	Water	8260B	
440-14028-5	S-6	Total/NA	Water	8260B	
440-14028-5 MS	S-6	Total/NA	Water	8260B	
440-14028-5 MSD	S-6	Total/NA	Water	8260B	
LCS 440-32761/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-32761/15	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 32762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-14028-2	S-2	Total/NA	Water	8260B/CA_LUFT MS	
440-14028-5	S-6	Total/NA	Water	8260B/CA_LUFT MS	
440-14028-5 MS	S-6	Total/NA	Water	8260B/CA_LUFT MS	
440-14028-5 MSD	S-6	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-32762/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-32762/15	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-14028-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
X	Surrogate is outside control limits

Glossary

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

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 999 San Pablo Ave., Albany, CA

TestAmerica Job ID: 440-14028-1

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

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

Shell Oil Products Chain Of Custody Record

138716

LAB (LOCATION)
- [ ] CALSCIENCE
- [ ] SPL Houston
- [ ] XENCO
- [x] TESTAMERICA (IRVINE)
- [ ] OTHER

Please Check Appropriate Box:
- [x] ENV SERVICES
- [ ] MOTIVA RETAIL
- [x] SHELL RETAIL
- [ ] MOTIVA SUPPLY & TRADING
- [ ] CONSULTANT
- [ ] LUBES
- [x] SHELL PIPELINE
- [ ] OTHER

Prime Bill To Contact Name: 240366 Peter Schaefer

INCIDENT # (ENV SERVICES): 9181989151914139 5 1 4 3 — [ ] CHECK IF NO INCIDENT # APPLIES

DATE: 6/5/12

PAGE: 1 of 1

PO #

SAP #: 1131530315 0 3 7

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

SITE ADDRESS: Street and City: 999 San Pablo Ave., Albany

State: CA

GLOBAL ID NO.: T0600102177

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.: 240366-95-11.02

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

TELEPHONE: (310) 885-4455 x 108

FAX: (310) 637-5802

E-MAIL: lking@blainetech.com

SAMPLER NAME(S) (Print): Kenneth Sim

LAB USE ONLY: 440-14028

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

- [ ] LA- RWQCB REPORT FORMAT
- [ ] UST AGENCY:

REQUESTED ANALYSES

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

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

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

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

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

LAB USE ONLY	SAMPLE ID	PROJECT NUMBER	DATE (MM/DD/YY)	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 REC: 2.5°C	Container PID Readings or Laboratory Notes
	WG	120605SH	060512	SK	S-1	1325	WG	X					3	X			X										
					S-2	1338	WG	X					3	X			X										
					S-3	1350	WG	X					3	X			X										
					S-4	1247	WG	X					3	X			X										
					S-6	1255	WG	X					3	X			X										
					S-8	1405	WG	X					3	X			X										
					S-9	1315	WG	X					3	X			X										

Relinquished by: (Signature) — Received by: (Signature) — Sample Custodian — Date: 6/5/12 — Time: 1620

Relinquished by: (Signature) (Sample Custodian) — Received by: (Signature) (TASF) — Date: 6/6/12 — Time: 1645

Relinquished by: (Signature) (TASF) 06/06/12 1725 — Received by: (Signature) TestAmerica 3.0°C — Date: 6/6/12 — Time: 17:25

Joan Muller 6-6-12 1730 — Rec'd by: VuBanh 6/7/12 9:50 (CS) 2.5°C

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-14028-1

Login Number: 14028
List Number: 1
Creator: Escalante, Maria

List Source: TestAmerica Irvine

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

APPENDIX C

BROADBENT & ASSOCIATES, INC. – GROUNDWATER MONITORING DATA TABLES FOR ARCO STATION NO. 2035

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L						DO (mg/L)	pH	Footnote
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
MW-1														
4/11/2002	P	41.41	10.73	0.00	30.68	800	360	<5.0	<5.0	<5.0	<50	--	--	
11/27/2002	P		10.22	0.00	31.19	<50	<0.50	<0.50	<0.50	<0.50	1.7	1.1	--	
6/3/2003	--		9.14	0.00	32.27	1,700	430	<5.0	24	11	8.6	1.7	--	
11/13/2003	P	43.55	10.17	0.00	33.38	<50	<0.50	<0.50	<0.50	<0.50	0.95	2.3	6.5	a
05/12/2004	P		9.28	0.00	34.27	120	7.2	<0.50	<0.50	<0.50	3.0	1.6	6.0	
12/01/2004	P		9.16	0.00	34.39	<50	0.94	<0.50	<0.50	1.1	2.4	5.2	6.6	
05/02/2005	P		8.58	0.00	34.97	1,300	390	<5.0	12	6.4	8.8	2.8	6.5	
11/16/2005	P		9.50	0.00	34.05	<50	<0.50	<0.50	<0.50	0.54	0.92	1.7	6.4	
5/31/2006	P		7.36	0.00	36.19	850	200	<2.5	5.4	<2.5	4.0	2.4	6.5	
12/6/2006	P		9.91	0.00	33.64	<50	0.52	<0.50	<0.50	<0.50	0.72	4.50	6.99	
5/15/2007	P		9.65	0.00	33.90	67	6.6	<0.50	<0.50	<0.50	1.8	2.43	6.96	
11/29/2007	P		9.11	0.00	34.44	<50	<0.50	<0.50	<0.50	<0.50	0.98	4.51	6.81	
5/6/2008	P		8.25	0.00	35.30	890	140	0.53	5.4	5.8	<0.50	1.89	6.61	
11/24/2008	P		10.55	0.00	33.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.83	6.67	
4/9/2009	--		9.02	0.00	34.53	--	--	--	--	--	--	--	--	d
11/24/2009	--		9.24	0.00	34.31	--	--	--	--	--	--	--	--	
5/26/2010	--		8.47	0.00	35.08	--	--	--	--	--	--	--	--	
11/30/2010	--		8.62	0.00	34.93	--	--	--	--	--	--	--	--	
2/16/2011	P		8.64	0.00	34.91	--	--	--	--	--	--	--	--	
5/11/2011	--		8.24	0.00	35.31	--	--	--	--	--	--	--	--	
11/28/2011	--		9.48	0.00	34.07	--	--	--	--	--	--	--	--	
6/15/2012	--		**8.62**	**0.00**	**34.93**	--	--	--	--	--	--	--	--	
MW-2														
4/11/2002	P	40.38	11.05	0.00	29.33	<50	<0.50	<0.50	<0.50	<0.50	24	--	--	
11/27/2002	P		10.51	0.00	29.87	<50	<0.50	<0.50	<0.50	<0.50	5.4	2.6	--	
6/3/2003	--		9.78	0.00	30.60	<50	<0.50	<0.50	<0.50	<0.50	23	1.7	--	
11/13/2003	P	42.52	10.69	0.00	31.83	<50	<0.50	<0.50	<0.50	<0.50	9.5	2.3	6.5	a
05/12/2004	P		10.34	0.00	32.18	<250	<2.5	<2.5	<2.5	<2.5	27	2.2	6.6	
12/01/2004	P		10.28	0.00	32.24	<50	<0.50	<0.50	<0.50	0.70	17	3.9	6.6	
05/02/2005	P		9.50	0.00	33.02	<50	<0.50	<0.50	<0.50	<0.50	25	3.1	6.6	

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L						DO (mg/L)	pH	Footnote
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
MW-2 Cont.														
11/16/2005	P	42.52	10.50	0.00	32.02	<50	<0.50	<0.50	<0.50	0.50	7.6	2.8	6.4	
5/31/2006	P		10.03	0.00	32.49	<50	<0.50	<0.50	<0.50	<0.50	24	2.0	6.6	
12/6/2006	P		10.28	0.00	32.24	<50	<0.50	<0.50	<0.50	<0.50	1.6	3.72	6.91	
5/15/2007	P		10.00	0.00	32.52	<50	<0.50	<0.50	<0.50	<0.50	44	2.90	6.69	
11/29/2007	P		10.13	0.00	32.39	<50	<0.50	<0.50	<0.50	<0.50	1.9	4.83	6.89	
5/6/2008	P		9.55	0.00	32.97	<50	<0.50	<0.50	<0.50	<0.50	35	1.88	6.62	
11/24/2008	P		10.70	0.00	31.82	<50	<0.50	<0.50	<0.50	<0.50	4.3	1.83	6.74	
4/9/2009	--	42.57	9.68	0.00	32.89	--	--	--	--	--	--	--	--	d
11/24/2009	--		10.48	0.00	32.09	--	--	--	--	--	--	--	--	
5/26/2010	--		9.65	0.00	32.92	--	--	--	--	--	--	--	--	
11/30/2010	--		9.84	0.00	32.73	--	--	--	--	--	--	--	--	
2/16/2011	P		9.39	0.00	33.18	--	--	--	--	--	--	--	--	
5/11/2011	--		9.68	0.00	32.89	--	--	--	--	--	--	--	--	
11/28/2011	--		10.12	0.00	32.45	--	--	--	--	--	--	--	--	
6/15/2012	--		**10.20**	**0.00**	**32.37**	--	--	--	--	--	--	--	--	
MW-3														
4/11/2002	P	41.44	11.05	0.00	30.39	250	9.4	<0.50	<0.50	<0.50	120	--	--	
11/27/2002	P		10.49	0.00	30.95	<100	<1.0	<1.0	<1.0	2.5	56	2.2	--	
6/3/2003	--		9.44	0.00	32.00	130	<0.50	<0.50	<0.50	<0.50	47	4.1	--	
11/13/2003	P	43.62	10.68	0.00	32.94	53	<0.50	<0.50	<0.50	<0.50	36	3.8	6.8	a
05/12/2004	P		9.95	0.00	33.67	65	<0.50	<0.50	<0.50	<0.50	39	4.2	6.9	
12/01/2004	P		10.32	0.00	33.30	140	<0.50	<0.50	<0.50	<0.50	37	4.3	6.9	
05/02/2005	P		9.12	0.00	34.50	140	<0.50	<0.50	<0.50	<0.50	23	3.1	6.7	
11/16/2005	P		10.58	0.00	33.04	<50	<0.50	<0.50	<0.50	<0.50	32	4.1	6.5	
5/31/2006	P		9.41	0.00	34.21	<50	<0.50	<0.50	<0.50	<0.50	20	4.3	6.8	
12/6/2006	P		10.25	0.00	33.37	<50	<0.50	<0.50	<0.50	<0.50	20	2.71	7.00	
5/15/2007	P		9.70	0.00	33.92	<50	<0.50	<0.50	<0.50	<0.50	40	5.89	7.07	
11/29/2007	P		10.08	0.00	33.54	90	<0.50	<0.50	<0.50	<0.50	35	4.74	6.61	
5/6/2008	P		10.02	0.00	33.60	<50	<0.50	<0.50	<0.50	<0.50	14	2.05	6.61	
11/24/2008	P		10.80	0.00	32.82	<50	<1.0	<1.0	<1.0	<1.0	28	1.98	6.77	

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ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L						DO (mg/L)	pH	Footnote
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
MW-3 Cont.														
4/9/2009	--	43.63	9.55	0.00	34.08	--	--	--	--	--	--	--	--	d
11/24/2009	--		10.29	0.00	33.34	--	--	--	--	--	--	--	--	
5/26/2010	--		9.76	0.00	33.87	--	--	--	--	--	--	--	--	
11/30/2010	--		10.15	0.00	33.48	--	--	--	--	--	--	--	--	
2/16/2011	P		9.22	0.00	34.41	--	--	--	--	--	--	--	--	
5/11/2011	--		9.55	0.00	34.08	--	--	--	--	--	--	--	--	
11/28/2011	--		10.06	0.00	33.57	--	--	--	--	--	--	--	--	
6/15/2012	--		**9.92**	**0.00**	**33.71**	--	--	--	--	--	--	--	--	
MW-4														
4/11/2002	NP	40.33	10.81	0.00	29.52	<50	<0.50	<0.50	<0.50	<0.50	11	--	--	
11/27/2002	NP		10.09	0.00	30.24	<50	<0.50	<0.50	<0.50	<0.50	6.5	1.8	--	
6/3/2003	--		8.62	0.00	31.71	<250	<2.5	<2.5	<2.5	<2.5	120	1.1	--	
11/13/2003	NP	42.48	9.98	0.00	32.50	<50	<0.50	<0.50	<0.50	<0.50	20	1.3	6.2	a
05/12/2004	P		9.48	0.00	33.00	<250	<2.5	<2.5	<2.5	<2.5	79	2.9	6.6	
12/01/2004	NP		9.60	0.00	32.88	<50	<0.50	<0.50	<0.50	<0.50	1.8	1.9	6.7	
05/02/2005	NP		8.67	0.00	33.81	<50	<0.50	<0.50	<0.50	<0.50	11	2.8	6.6	
11/16/2005	NP		10.00	0.00	32.48	<50	<0.50	<0.50	<0.50	<0.50	0.93	1.7	6.3	
5/31/2006	NP		8.52	0.00	33.96	<50	<0.50	<0.50	<0.50	<0.50	2.4	1.0	7.0	
12/6/2006	NP		9.90	0.00	32.58	<50	<0.50	<0.50	<0.50	<0.50	7.8	0.85	7.10	
5/15/2007	NP		9.18	0.00	33.30	<50	<0.50	<0.50	<0.50	<0.50	2.2	1.37	6.85	
11/29/2007	NP		9.10	0.00	33.38	<50	<0.50	<0.50	<0.50	<0.50	9.1	1.81	7.14	
5/6/2008	P		9.40	0.00	33.08	<50	<0.50	<0.50	<0.50	<0.50	10	2.61	6.91	
11/24/2008	NP		10.20	0.00	32.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.67	6.88	
4/9/2009	P	42.51	9.00	0.00	33.51	<50	<0.50	<0.50	<0.50	<0.50	12	2.51	7.11	d
11/24/2009	P		9.89	0.00	32.62	<50	<0.50	<0.50	<0.50	<0.50	1.7	0.80	6.58	
5/26/2010	P		8.79	0.00	33.72	<50	<0.50	<0.50	<0.50	<0.50	1.4	0.98	6.0	
11/30/2010	P		9.31	0.00	33.20	--	--	--	--	--	--	1.40	6.4	f
2/16/2011	P		8.50	0.00	34.01	<50	<0.50	<0.50	<0.50	<0.50	2.1	0.91	7.1	
5/11/2011	P		8.80	0.00	33.71	<50	<0.50	<0.50	<0.50	<0.50	0.75	1.43	6.8	
11/28/2011	P		9.53	0.00	32.98	<50	<0.50	0.61	<0.50	0.69	0.67	0.75	6.8	

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Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L						DO (mg/L)	pH	Footnote
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
MW-4 Cont.														
6/15/2012	**P**	**42.51**	**9.40**	**0.00**	**33.11**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**1.2**	**1.66**	**6.67**	
MW-5														
4/11/2002	NP	41.84	10.63	0.00	31.21	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	
11/27/2002	NP		10.65	0.00	31.19	--	--	--	--	--	--	--	--	
6/3/2003	--		8.92	0.00	32.92	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	--	
11/13/2003	NP	44.03	10.58	0.00	33.45	<50	<0.50	<0.50	<0.50	<0.50	0.79	1.4	5.7	a
05/12/2004	--		9.95	0.00	34.08	--	--	--	--	--	--	--	--	
12/01/2004	NP		10.05	0.00	33.98	<50	<0.50	<0.50	<0.50	<0.50	0.55	1.8	6.3	
05/02/2005	--		8.75	0.00	35.28	--	--	--	--	--	--	--	--	
11/16/2005	NP		10.37	0.00	33.66	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	6.2	
5/31/2006	--		9.07	0.00	34.96	--	--	--	--	--	--	--	--	
12/6/2006	NP		10.25	0.00	33.78	<50	<0.50	<0.50	<0.50	<0.50	0.99	1.24	6.88	
5/15/2007	--		9.51	0.00	34.52	--	--	--	--	--	--	--	--	
11/29/2007	NP		9.95	0.00	34.08	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.93	6.98	
5/6/2008	--		9.67	0.00	34.36	--	--	--	--	--	--	--	--	
11/24/2008	NP		10.62	0.00	33.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.43	6.52	
4/9/2009	--		12.00	0.00	32.03	--	--	--	--	--	--	--	--	d
11/24/2009	P		10.34	0.00	33.69	<50	<0.50	1.4	<0.50	<0.50	0.89	0.94	6.1	
5/26/2010	--		9.21	0.00	34.82	--	--	--	--	--	--	--	--	
11/30/2010	P		9.85	0.00	34.18	--	--	--	--	--	--	--	6.17	f
2/16/2011	P		9.01	0.00	35.02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.23	6.9	
5/11/2011	--		9.44	0.00	34.59	--	--	--	--	--	--	--	--	
11/28/2011	P		10.06	0.00	33.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.10	6.5	
6/15/2012	--		**9.88**	**0.00**	**34.15**	--	--	--	--	--	--	--	--	
MW-6														
4/11/2002	NP	40.13	11.42	0.00	28.71	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	
11/27/2002	NP		13.11	0.00	27.02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	--	
6/3/2003	--		12.48	0.00	27.65	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	--	
11/13/2003	NP	42.26	13.11	0.00	29.15	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.8	a

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						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
MW-6 Cont.														
05/12/2004	--	42.26	12.68	0.00	29.58	--	--	--	--	--	--	--	--	
12/01/2004	NP		12.68	0.00	29.58	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	7.3	
05/02/2005	--		12.25	0.00	30.01	--	--	--	--	--	--	--	--	
11/16/2005	NP		12.98	0.00	29.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.7	
5/31/2006	--		12.35	0.00	29.91	--	--	--	--	--	--	--	--	
12/6/2006	NP		12.98	0.00	29.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.24	6.86	
5/15/2007	--		12.55	0.00	29.71	--	--	--	--	--	--	--	--	
11/29/2007	NP		12.75	0.00	29.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	6.93	
5/6/2008	--		12.91	0.00	29.35	--	--	--	--	--	--	--	--	
11/24/2008	NP		13.20	0.00	29.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.28	7.25	
4/9/2009	--	42.31	12.52	0.00	29.79	--	--	--	--	--	--	--	--	d
11/24/2009	P		12.90	0.00	29.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.83	6.59	
5/26/2010	--		12.17	0.00	30.14	--	--	--	--	--	--	--	--	
11/30/2010	P		12.45	0.00	29.86	--	--	--	--	--	--	1.20	7.2	f
2/16/2011	P		11.95	0.00	30.36	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.02	6.9	
5/11/2011	--		12.35	0.00	29.96	--	--	--	--	--	--	--	--	
11/28/2011	P		12.62	0.00	29.69	<50	<0.50	0.74	<0.50	0.64	<0.50	0.91	7.2	
6/15/2012	--		**12.60**	**0.00**	**29.71**	--	--	--	--	--	--	--	--	
MW-7														
4/9/2009	P	43.18	6.73	0.00	36.45	4,100	5.2	1.7	21	21	<0.50	8.41	7.79	d
11/24/2009	P		8.31	0.00	34.87	2,700	4.1	1.1	3.3	3.0	<0.50	0.60	6.8	c
5/26/2010	P		6.62	0.00	36.56	1,800	1.2	0.53	2.2	0.84	<0.50	0.71	6.6	
11/30/2010	P		6.84	0.00	36.34	--	--	--	--	--	--	0.79	6.7	f
2/16/2011	P		5.44	0.00	37.74	2,000	1.4	0.84	8.0	1.4	<0.50	0.56	7.0	g
5/11/2011	P		6.98	0.00	36.20	84	<0.50	<0.50	<0.50	<0.50	<0.50	1.76	7.1	lw
11/28/2011	P		7.13	0.00	36.05	850	0.55	1.3	<0.50	2.5	<0.50	0.38	7.3	lw
6/15/2012	**P**		**7.65**	**0.00**	**35.53**	**1,300**	**0.97**	**0.59**	**0.95**	**0.64**	**<0.50**	**1.95**	**7.04**	
MW-8														
4/9/2009	P	42.36	9.50	0.00	32.86	4,300	940	260	150	590	110	2.09	7.62	d

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						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
MW-8 Cont.														
11/24/2009	P	42.36	10.25	0.00	32.11	28,000	9,900	670	1,300	2,200	<100	0.64	6.48	c
5/26/2010	P		9.25	0.00	33.11	1,400	420	<10	21	<10	<10	0.78	6.6	
11/30/2010	P		9.68	0.00	32.68	--	--	--	--	--	--	2.26	6.6	f
2/16/2011	P		8.95	0.00	33.41	960	270	<5.0	50	<5.0	<5.0	3.35	6.9	g
5/11/2011	P		9.43	0.00	32.93	1,200	290	<4.0	57	4.5	<4.0	0.94	7.2	lw
11/28/2011	P		9.85	0.00	32.51	<50	<0.50	0.59	<0.50	0.53	<0.50	3.64	7.2	
6/15/2012	**P**		**9.72**	**0.00**	**32.64**	**890**	**170**	**1.9**	**92**	**16**	**2.1**	**1.31**	**6.99**	
MW-9														
4/9/2009	P	43.77	8.95	0.00	34.82	<50	<0.50	<0.50	<0.50	<0.50	2.1	2.81	7.58	d
11/24/2009	P		10.11	0.00	33.66	<50	<0.50	<0.50	<0.50	<0.50	3.8	--	6.3	
5/26/2010	P		8.88	0.00	34.89	<50	<0.50	<0.50	<0.50	<0.50	1.9	0.66	5.7	
11/30/2010	P		9.56	0.00	34.21	--	--	--	--	--	--	0.64	6.3	f
2/16/2011	P		8.65	0.00	35.12	<50	<0.50	<0.50	<0.50	<0.50	3.8	0.55	6.6	
5/11/2011	P		9.06	0.00	34.71	<50	<0.50	<0.50	<0.50	<0.50	1.2	1.22	6.6	
11/28/2011	P		9.75	0.00	34.02	<50	<0.50	0.70	<0.50	0.72	9.1	0.50	6.8	
6/15/2012	**P**		**9.57**	**0.00**	**34.20**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**4.8**	**1.45**	**6.32**	
RW-1														
4/11/2002	P	40.33	9.20	0.00	31.13	15,000	750	2,000	380	2,000	1,500	--	--	
11/27/2002	P		10.31	0.00	30.02	<2,500	720	<25	<25	<25	<25	1.8	--	
6/3/2003	--		9.54	0.00	30.79	470	78	0.97	4.3	9	48	1.4	--	
11/13/2003	P	42.35	10.35	0.00	32.00	130	29	<0.50	<0.50	<0.50	44	1.3	6.6	a
05/12/2004	P		9.80	0.00	32.55	<250	66	<2.5	<2.5	<2.5	<2.5	1.9	6.9	
09/02/2004	--		10.42	0.00	31.93	--	--	--	--	--	--	--	--	
10/07/2004	--		10.36	0.00	31.99	--	--	--	--	--	--	--	--	
11/04/2004	--		9.93	0.00	32.42	--	--	--	--	--	--	--	--	
12/01/2004	P		10.02	0.00	32.33	<250	96	<2.5	<2.5	<2.5	16	1.8	6.7	
05/02/2005	P		9.20	0.00	33.15	230	100	<1.0	<1.0	<1.0	50	2.5	6.6	
11/16/2005	P		10.96	0.00	31.39	<100	28	<1.0	<1.0	<1.0	32	1.0	6.5	
5/31/2006	P		9.34	0.00	33.01	320	32	<0.50	<0.50	<0.50	28	1.3	6.8	

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						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
RW-1 Cont.														
12/6/2006	P	42.35	10.10	0.00	32.25	50	27	<0.50	<0.50	<0.50	19	1.49	7.54	
5/15/2007	P		9.42	0.00	32.93	280	32	<0.50	<0.50	<0.50	18	2.61	7.10	
11/29/2007	P		9.75	0.00	32.60	<50	14	<0.50	<0.50	<0.50	18	4.86	8.14	
5/6/2008	P		9.71	0.00	32.64	610	110	<2.5	<2.5	<2.5	2.6	2.48	6.95	
11/24/2008	P		10.48	0.00	31.87	73	31	<0.50	<0.50	<0.50	11	2.53	6.88	
4/9/2009	P	42.23	9.46	0.00	32.77	720	36	<0.50	1.0	1.2	4.0	2.58	7.73	d
11/24/2009	P		10.15	0.00	32.08	<50	2.0	<0.50	<0.50	<0.50	6.5	0.85	6.6	
5/26/2010	P		9.12	0.00	33.11	90	11	<0.50	<0.50	<0.50	0.94	1.46	6.4	
11/30/2010	P		9.38	0.00	32.85	--	--	--	--	--	--	2.10	7.2	f
2/16/2011	P		9.15	0.00	33.08	1,600	370	2.9	2.6	2.9	1.3	0.76	7.0	
5/11/2011	P		9.56	0.00	32.67	1,600	79	<2.0	<2.0	2.0	<2.0	0.91	7.4	lw
11/28/2011	P		9.69	0.00	32.54	<50	<0.50	0.54	<0.50	<0.50	<0.50	3.05	7.3	
6/15/2012	**P**		**9.63**	**0.00**	**32.60**	**1,000**	**49**	**1.3**	**<0.50**	**0.86**	**<0.50**	**1.43**	**6.75**	
S-5														
4/11/2002	P	40.33	10.17	0.00	30.16	30,000	390	1,400	410	7,400	<500	--	--	
11/27/2002	P		9.77	0.00	30.56	55,000	1,300	450	1,400	13,000	<50	4.3	--	
6/3/2003	--		9.12	0.00	31.21	44,000	680	260	1,100	9,900	<25	1.9	--	
6/3/2003	--		9.03	0.00	31.30	44,000	680	260	1,100	9,900	<25	1.9	--	
6/3/2003	--		9.12	0.00	31.21	--	--	--	--	--	<25	1.4	--	
6/3/2003	--		9.03	0.00	31.30	--	--	--	--	--	<25	1.4	--	
11/13/2003	P	41.83	9.12	0.00	32.71	31,000	520	120	690	5,900	<50	1.4	6.5	a
05/12/2004	P		9.95	0.00	31.88	28,000	760	79	910	5,000	<50	1.9	6.6	
12/01/2004	P		9.61	0.00	32.22	26,000	1,500	64	1,400	4,000	<25	--	6.5	b
05/02/2005	P		8.80	0.00	33.03	13,000	700	18	260	1,300	<5.0	1.8	6.4	
11/16/2005	P		9.80	0.00	32.03	15,000	1,400	25	570	850	<5.0	1.1	6.3	
5/31/2006	P		8.89	0.00	32.94	9,800	170	<5.0	490	390	<5.0	1.4	6.6	
12/6/2006	P		9.65	0.00	32.18	16,000	1,100	<25	1,700	970	<25	1.23	6.95	
5/15/2007	P		8.89	0.00	32.94	10,000	140	<5.0	340	310	<5.0	3.63	7.10	
11/29/2007	P		9.48	0.00	32.35	13,000	770	8.6	500	360	<2.5	5.42	7.28	c (Benzene)
5/6/2008	P		9.30	0.00	32.53	7,400	320	2.8	580	130	<0.50	3.37	6.88	

Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and Date Monitored	P/NP	TOC Elevation (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Water Level Elevation (feet)	Concentrations in µg/L						DO (mg/L)	pH	Footnote
						GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
S-5 Cont.														
11/24/2008	P	41.83	10.00	0.00	31.83	7,700	400	<10	390	14	<10	3.22	6.43	
4/9/2009	P		8.90	0.00	32.93	7,700	230	<10	370	35	<10	3.14	7.77	
11/24/2009	--		--	--	--	--	--	--	--	--	--	--	--	e
5/26/2010	--		--	--	--	--	--	--	--	--	--	--	--	e
11/30/2010	P		8.92	0.00	32.91	--	--	--	--	--	--	0.62	6.6	f
2/16/2011	P		8.57	0.00	33.26	2,700	26	<0.50	11	3.2	<0.50	1.34	7.5	
5/11/2011	P		8.85	0.00	32.98	1,500	19	0.58	9.7	2.2	<0.50	0.72	6.8	lw
11/28/2011	--		--	--	--	--	--	--	--	--	--	--	--	e
6/15/2012	**P**		**9.00**	**0.00**	**32.83**	**1,700**	**29**	**0.99**	**2.1**	**0.60**	**<0.50**	**1.44**	**6.68**	

Symbols & Abbreviations:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above laboratory reporting limit
ft bgs = Feet below ground surface
BTEX = Benzene, toluene, ethylbenzene and xylenes
DO = Dissolved oxygen
DTW = Depth to water in ft bgs
GRO = Gasoline range organics, range C4-C12
GWE = Groundwater elevation measured in ft
mg/L = Milligrams per liter
MTBE = Methyl tert butyl ether
NP = Not purged before sampling
P = Purged before sampling
TOC = Top of casing measured in ft
TPH-g = Total petroleum hydrocarbons as gasoline, analyzed using EPA Method 8015, Modified
µg/L = Micrograms per liter
SEQ/SEQM = Sequoia Analytical/Sequoia Morgan Hill Laboratories

Footnotes:
a = Site resurveyed by URS on 10/15/03 to NAVD '88
b = Sheen in well
c = Sample taken from VOA vial with air bubble >6mm
d = Well surveyed on 4/20/09
e = Well not monitored or sampled due to traffic control safety concerns
f = Samples were collected on 11/30/2010 but not able to be analyzed (frozen). Subsequent re-sampling could not occur in 4Q 2010
g = Quantitation of unknown hydrocarbon(s) in sample based on gasoline
lw = Quantitated against gasoline

Notes:
No sampling occurs at this site during the first and third quarters of each calendar year

TPH-g analyzed using EPA Method 8015, Modified and BTEX and MTBE by EPA method 8260B

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported

Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12

Values for DO and pH were obtained through field measurements

GRO analysis was completed by EPA method 8260B (C4-C12) for samples collected from the time period April 2006 through February 4, 2008. The analysis for GRO was changed to EPA method 8015B (C6-C12) for samples collected from the time period February 5, 2008 through the present

The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information

Table 2. Summary of Fuel Additives Analytical Data

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-1									
4/11/2002	--	--	<50	--	--	--	--	--	
11/27/2002	--	--	1.7	--	--	--	--	--	
6/3/2003	<1000	<200	8.6	<5.0	<5.0	<5.0	<5.0	<5.0	
11/13/2003	<100	<20	0.95	<0.50	<0.50	<0.50	--	--	
05/12/2004	<100	<20	3.0	<0.50	<0.50	<0.50	<0.50	<0.50	
12/01/2004	<100	<20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
05/02/2005	<1,000	220	8.8	<5.0	<5.0	<5.0	<5.0	<5.0	
11/16/2005	<100	<20	0.92	<0.50	<0.50	<0.50	<0.50	<0.50	a
5/31/2006	<1,500	<100	4.0	<2.5	<2.5	<2.5	<2.5	<2.5	a
12/6/2006	<300	<20	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	
5/15/2007	<300	<20	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	
11/29/2007	<300	<20	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-2									
4/11/2002	--	--	24	--	--	--	--	--	
11/27/2002	--	--	5.4	--	--	--	--	--	
6/3/2003	<100	<20	23	<0.50	<0.50	<0.50	0.94	<0.50	
11/13/2003	<100	<20	9.5	<0.50	<0.50	<0.50	--	--	
05/12/2004	<500	<100	27	<2.5	<2.5	<2.5	<2.5	<2.5	
12/01/2004	<100	<20	17	<0.50	<0.50	<0.50	0.74	<0.50	
05/02/2005	<100	75	25	<0.50	<0.50	<0.50	<0.50	<0.50	
11/16/2005	<100	<20	7.6	<0.50	<0.50	<0.50	0.79	<0.50	a
5/31/2006	<300	<20	24	<0.50	<0.50	<0.50	0.66	<0.50	a
12/6/2006	<300	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	a
5/15/2007	<300	<20	44	<0.50	<0.50	<0.50	1.2	<0.50	
11/29/2007	<300	<20	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2008	<300	<10	35	<0.50	<0.50	<0.50	0.93	<0.50	
11/24/2008	<300	<10	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-3									

Table 2. Summary of Fuel Additives Analytical Data

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-3 Cont.									
4/11/2002	--	--	120	--	--	--	--	--	
11/27/2002	--	--	56	--	--	--	--	--	
6/3/2003	<100	<20	47	<0.50	<0.50	<0.50	<0.50	<0.50	
11/13/2003	<100	<20	36	<0.50	<0.50	<0.50	--	--	
05/12/2004	<100	<20	39	<0.50	<0.50	<0.50	<0.50	<0.50	
12/01/2004	<100	<20	37	<0.50	<0.50	<0.50	<0.50	<0.50	
05/02/2005	<100	<20	23	<0.50	<0.50	<0.50	<0.50	<0.50	
11/16/2005	<100	<20	32	<0.50	<0.50	<0.50	<0.50	<0.50	a
5/31/2006	<300	<20	20	<0.50	<0.50	<0.50	<0.50	<0.50	a
12/6/2006	<300	<20	20	<0.50	<0.50	<0.50	<0.50	<0.50	a
5/15/2007	<300	<20	40	<0.50	<0.50	<0.50	<0.50	<0.50	
11/29/2007	<300	<20	35	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2008	<300	<10	14	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2008	<600	<20	28	<1.0	<1.0	<1.0	<1.0	<1.0	
MW-4									
4/11/2002	--	--	11	--	--	--	--	--	
11/27/2002	--	--	6.5	--	--	--	--	--	
6/3/2003	<500	<100	120	<2.5	<2.5	<2.5	<2.5	<2.5	
11/13/2003	<100	<20	20	<0.50	<0.50	<0.50	--	--	
05/12/2004	<500	<100	79	<2.5	<2.5	<2.5	<2.5	<2.5	
12/01/2004	<100	<20	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	
05/02/2005	<100	75	11	<0.50	<0.50	<0.50	<0.50	<0.50	
11/16/2005	<100	<20	0.93	<0.50	<0.50	<0.50	<0.50	<0.50	a
5/31/2006	<300	<20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	a
12/6/2006	<300	<20	7.8	<0.50	<0.50	<0.50	<0.50	<0.50	a
5/15/2007	<300	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
11/29/2007	<300	<20	9.1	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2008	<300	<10	10	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
4/9/2009	<300	<10	12	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2009	<300	<10	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-4 Cont.									
5/26/2010	<300	<10	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	<10	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
5/11/2011	<300	<10	0.75	<0.50	<0.50	<0.50	<0.50	<0.50	
11/28/2011	<300	<10	0.67	<0.50	<0.50	<0.50	<0.50	<0.50	
6/15/2012	**<300**	**<10**	**1.2**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-5									
4/11/2002	--	--	<5.0	--	--	--	--	--	
6/3/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/13/2003	<100	<20	0.79	<0.50	<0.50	<0.50	--	--	
12/01/2004	<100	<20	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	
11/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
12/6/2006	<300	<20	0.99	<0.50	<0.50	<0.50	<0.50	<0.50	a
11/29/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2009	<300	<10	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/28/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-6									
4/11/2002	--	--	<5.0	--	--	--	--	--	
11/27/2002	--	--	<0.50	--	--	--	--	--	
6/3/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/13/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
12/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
12/6/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
11/29/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/28/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-7									
4/9/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
5/26/2010	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/11/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/28/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/15/2012	**<300**	**<10**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-8									
4/9/2009	<300	330	110	5.5	<0.50	<0.50	34	<0.50	
11/24/2009	<60,000	<2,000	<100	<100	<100	<100	<100	<100	b
5/26/2010	<6,000	<200	<10	<10	<10	<10	<10	<10	
2/16/2011	<3,000	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
5/11/2011	<2,400	<80	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	
11/28/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/15/2012	**<300**	**38**	**2.1**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-9									
4/9/2009	<300	<10	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2009	<300	<10	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	
5/26/2010	<300	<10	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	<10	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	
5/11/2011	<300	<10	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	
11/28/2011	<300	<10	9.1	<0.50	<0.50	<0.50	<0.50	<0.50	
6/15/2012	**<300**	**<10**	**4.8**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
RW-1									
4/11/2002	--	--	1,500	--	--	--	--	--	
11/27/2002	--	--	<25	--	--	--	--	--	
6/3/2003	<100	22	48	<0.50	<0.50	<0.50	<0.50	<0.50	
11/13/2003	<100	<20	44	<0.50	<0.50	<0.50	--	--	
05/12/2004	<500	<100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
12/01/2004	<500	<100	16	<2.5	<2.5	<2.5	<2.5	<2.5	

Table 2. Summary of Fuel Additives Analytical Data

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
RW-1 Cont.									
05/02/2005	<200	<40	50	<1.0	<1.0	<1.0	<1.0	<1.0	
11/16/2005	<200	<40	32	<1.0	<1.0	<1.0	<1.0	<1.0	a
5/31/2006	<300	<20	28	<0.50	<0.50	<0.50	<0.50	<0.50	a
12/6/2006	<300	<20	19	<0.50	<0.50	<0.50	<0.50	<0.50	a
5/15/2007	<300	<20	18	<0.50	<0.50	<0.50	<0.50	<0.50	
11/29/2007	<300	<20	18	<0.50	<0.50	<0.50	<0.50	<0.50	
5/6/2008	<1,500	<50	2.6	<2.5	<2.5	<2.5	<2.5	<2.5	
11/24/2008	<300	<10	11	<0.50	<0.50	<0.50	<0.50	<0.50	
4/9/2009	<300	<10	4.0	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2009	<300	<10	6.5	<0.50	<0.50	<0.50	<0.50	<0.50	
5/26/2010	<300	<10	0.94	<0.50	<0.50	<0.50	<0.50	<0.50	
2/16/2011	<300	<10	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
5/11/2011	<1,200	<40	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
11/28/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/15/2012	**<300**	**<10**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
S-5									
4/11/2002	--	--	<500	--	--	--	--	--	
11/27/2002	--	--	<50	--	--	--	--	--	
6/3/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
6/3/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
6/3/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
6/3/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
11/13/2003	<10,000	<2,000	<50	<50	<50	<50	--	--	
05/12/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
12/01/2004	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
05/02/2005	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
11/16/2005	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	a
5/31/2006	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	a
12/6/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	a
5/15/2007	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
11/29/2007	<1,500	<100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	

Table 2. Summary of Fuel Additives Analytical Data

ARCO Service Station #2035, 1001 San Pablo Ave., Albany, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
S-5 Cont.									
5/6/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/24/2008	<6,000	<200	<10	<10	<10	<10	<10	<10	
4/9/2009	<6,000	<200	<10	<10	<10	<10	<10	<10	
2/16/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
5/11/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/15/2012	**<300**	**<10**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	

Symbols & Abbreviations:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above the laboratory reporting limit
1,2-DCA = 1,2-Dichloroethane
DIPE = Diisopropyl ether
EDB = 1,2-Dibromoethane
ETBE = Ethyl tert-butyl ether
MTBE = Methyl tert-butyl ether
TAME = tert-Amyl methyl ether
TBA = tert-Butyl alcohol
µg/L = Micrograms per Liter

Footnote:
a = Calibration verification for ethanol was within method limits but outside contract limits
b = Sample taken from VOA vial with air bubble > 6mm diameter
c = LW Quantitated against gasoline

Notes:
All volatile organic compounds analyzed using EPA Method 8260B

The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information