CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: May 5, 2011

REFERENCE NO.: 240902

PROJECT NAME: 230 West MacArthur Boulevard, Oakland

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

RECEIVED
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Environmental Health

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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – First Quarter 2011

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

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

Copy to: Denis Brown, Shell Oil Products US (electronic copy)
SF Data Room (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
230 West MacArthur Boulevard
Oakland, California
SAP Code 135676
Incident No. 98995741
ACEH Case No. RO0000303

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 - FIRST QUARTER 2011

SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

SAP CODE	135676
INCIDENT NO.	98995741
AGENCY NO.	RO0000303

Prepared by:
Conestoga-Rovers & Associates

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

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MAY 5, 2011
REF. NO. 240902 (9)
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LIST OF APPENDICES

1.0 INTRODUCTION

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

1.1 SITE INFORMATION

Site Address	230 West MacArthur Boulevard, Oakland
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.	RO0000303
Shell SAP Code	135676
Shell Incident No.	98995741

Date of most recent agency correspondence was July 24, 2009.

2.0 SITE ACTIVITIES AND FINDINGS

2.1 CURRENT QUARTER'S ACTIVITIES

Blaine Tech Services, Inc. (Blaine) gauged and sampled the wells according to the established monitoring program for this site. Blaine coordinated groundwater sampling with the adjacent Oakland Auto Works located at 240 West MacArthur Boulevard, Oakland.

CRA prepared a vicinity map (Figure 1) a groundwater contour and chemical concentration map (Figure 2) including data from both sites, and a groundwater data table (Table 1). Blaine's field notes are presented in Appendix A, the laboratory report is presented in Appendix B, and the data tables for the Oakland Auto Works site are presented in Appendix C.

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Northwesterly
Hydraulic Gradient	0.04
Depth to Water	13.35 to 17.98 feet below top of well casing

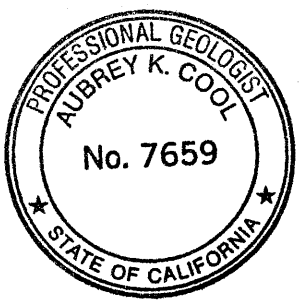
2.3 PROPOSED ACTIVITIES

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

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

Peter Schaefer, CEG, CHG

Aubrey K. Cool, PG



FIGURES

01/31/2011

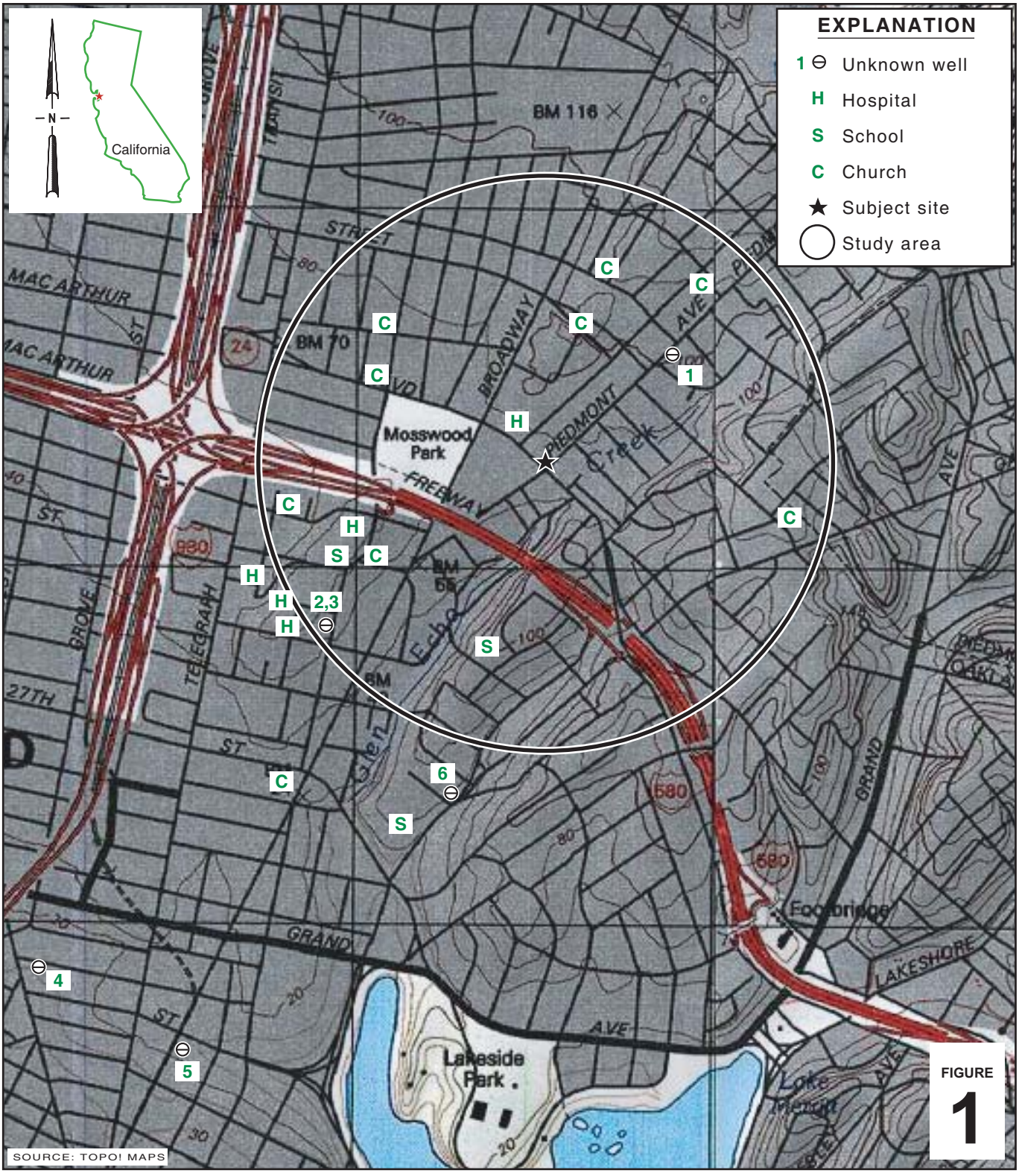


FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

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Shell-branded Service Station

230 West MacArthur Boulevard

Oakland, California

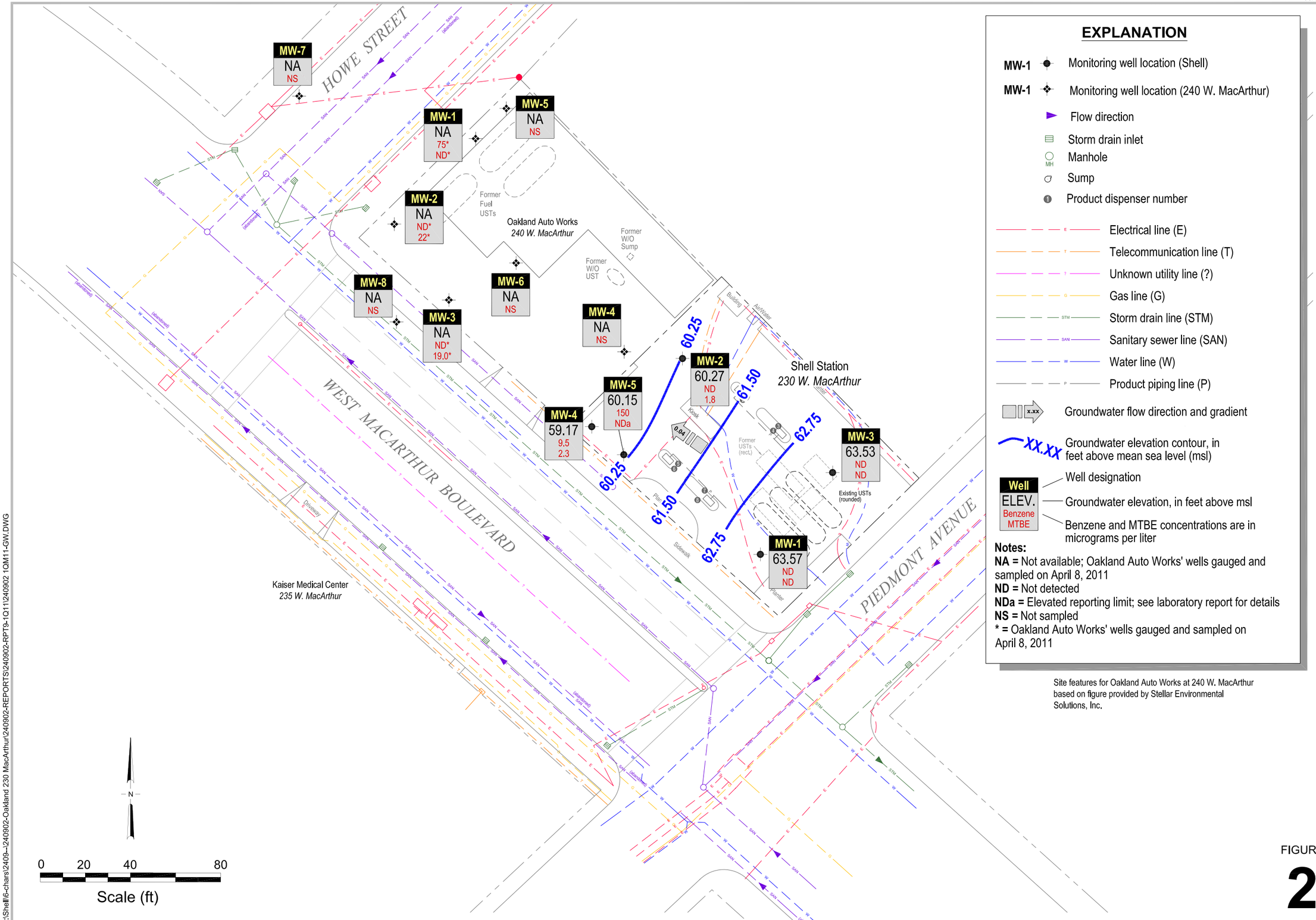
CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

05/05/2011

Groundwater Contour and Chemical Concentration Map

March 25, 2011



EXPLANATION

- MW-1 — Monitoring well location (Shell)
- MW-1 — Monitoring well location (240 W. MacArthur)
- Flow direction
- Storm drain inlet
- MH — Manhole
- Sump
- Product dispenser number
- Electrical line (E)
- Telecommunication line (T)
- Unknown utility line (?)
- Gas line (G)
- Storm drain line (STM)
- Sanitary sewer line (SAN)
- Water line (W)
- Product piping line (P)
- x.xx — Groundwater flow direction and gradient
- xx.xx — Groundwater elevation contour, in feet above mean sea level (msl)

Well
ELEV.
Benzene
MTBE

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

Notes:
NA = Not available; Oakland Auto Works' wells gauged and sampled on April 8, 2011
ND = Not detected
NDa = Elevated reporting limit; see laboratory report for details
NS = Not sampled
*** =** Oakland Auto Works' wells gauged and sampled on April 8, 2011

Site features for Oakland Auto Works at 240 W. MacArthur based on figure provided by Stellar Environmental Solutions, Inc.

CONESTOGA-ROVERS & ASSOCIATES

Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California

FIGURE
2

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TABLE

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	7/14/1988	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	13.30	60.59
MW-1	10/4/1988	ND	8	4.3	ND	9	---	---	---	---	---	---	---	---	73.89	13.65	60.24
MW-1	11/10/1988	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	13.55	60.34
MW-1	12/9/1988	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	13.22	60.67
MW-1	1/10/1989	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	73.89	12.86	61.03
MW-1	1/20/1989	ND	ND	---	---	ND	---	---	---	---	---	---	---	---	73.89	12.91	60.98
MW-1	2/6/1989	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	12.94	60.95
MW-1	3/10/1989	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	12.59	61.30
MW-1	6/6/1989	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.05	59.84
MW-1	9/7/1989	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.92	58.97
MW-1	12/18/1989	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.88	59.01
MW-1	3/8/1990	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.08	59.81
MW-1	6/7/1990	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	13.89	60.00
MW-1	9/5/1990	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.83	59.06
MW-1	12/3/1990	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	15.05	58.84
MW-1	3/1/1991	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.34	59.55
MW-1	6/3/1991	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.16	59.73
MW-1	9/4/1991	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.60	59.29
MW-1	3/13/1992	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	13.40	60.49
MW-1	6/3/1992	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	13.76	60.13
MW-1	8/19/1992	87	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.57	59.32
MW-1	11/16/1992	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.78	59.11
MW-1	2/18/1993	59 a	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	12.14	61.75
MW-1	6/1/1993	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	13.30	60.59
MW-1	8/30/1993	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.32	59.57
MW-1	12/13/1993	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.06	59.83
MW-1	3/3/1994	100	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	13.12	60.77
MW-1	6/6/1994	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.20	59.69
MW-1	9/12/1994	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	15.72	58.17
MW-1	12/15/1994	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	12.98	60.91
MW-1	3/13/1995 b	60	4.7	9.8	ND	2.9	---	---	---	---	---	---	---	---	73.89	11.74	62.15
MW-1	4/21/1995	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	---	---
MW-1	6/26/1995	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	13.00	60.89
MW-1	9/12/1995	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	73.89	14.14	59.75
MW-1	3/21/1996	<50	<0.5	<0.5	<0.5	<0.5	ND	---	---	---	---	---	---	---	73.89	11.03	62.86
MW-1	6/28/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	73.89	13.53	60.36
MW-1	9/19/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	73.89	14.33	59.56
MW-1	12/19/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	73.89	13.20	60.69

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	12/5/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	73.89	12.39	61.50
MW-1	12/24/1998	---	---	---	---	---	---	---	---	---	---	---	---	---	73.89	13.59	60.30
MW-1	12/23/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	73.89	15.63	58.26
MW-1	12/11/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	73.89	15.36	58.53
MW-1	12/27/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	73.89	12.09	61.80
MW-1	3/12/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	73.89	12.33	61.56
MW-1	3/14/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	73.89	12.08	61.81
MW-1	6/13/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	73.89	13.47	60.42
MW-1	9/9/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	14.30	62.62
MW-1	12/12/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	14.48	62.44
MW-1	3/10/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	76.92	12.76	64.16
MW-1	6/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	13.17	63.75
MW-1	9/16/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	14.10	62.82
MW-1	12/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	13.93	62.99
MW-1	3/11/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	76.92	12.04	64.88
MW-1	6/17/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	13.75	63.17
MW-1	9/13/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	14.47	62.45
MW-1	12/7/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	13.04	63.88
MW-1	3/3/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<2.0	<2.0	<2.0	<5.0	---	---	76.92	11.31	65.61
MW-1	6/14/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	11.87	65.05
MW-1	9/19/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	13.91	63.01
MW-1	3/30/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	<0.500	<0.500	76.92	10.60	66.32
MW-1	9/27/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	14.06	62.86
MW-1	9/28/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<0.500	<0.500	<0.500	<10.0	---	---	76.92	---	---
MW-1	12/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	13.05	63.87
MW-1	3/29/2007	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	76.92	12.87	64.05
MW-1	6/7/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	15.53	61.39
MW-1	9/18/2007	<50 g	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	76.92	15.64	61.28
MW-1	12/17/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	15.15	61.77
MW-1	2/27/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	76.92	14.41	62.51
MW-1	5/28/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	14.40	62.52
MW-1	9/19/2008	59	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	76.92	14.74	62.18
MW-1	12/4/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	14.80	62.12
MW-1	2/25/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	76.92	11.91	65.01
MW-1	5/26/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	76.92	12.73	64.19
MW-1	9/18/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	76.92	13.82	63.10
MW-1	3/16/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	76.92	14.60	62.32
MW-1	9/27/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	76.92	15.46	61.46

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	**3/25/2011**	**<50**	**<0.50**	**<.0.50**	**<0.50**	**<1.0**	**—**	**<1.0**	**—**	**—**	**—**	**—**	**—**	**—**	**76.92**	**13.35**	**63.57**
MW-2	7/14/1988	ND	7.9	2.6	1.1	4	—	—	—	—	—	—	—	—	75.24	15.18	60.06
MW-2	10/4/1988	90	ND	1.3	2.3	12	—	—	—	—	—	—	—	—	75.24	15.30	59.94
MW-2	11/10/1988	ND	ND	ND	ND	2	—	—	—	—	—	—	—	—	75.24	15.17	60.07
MW-2	12/9/1988	ND	ND	0.6	ND	3	—	—	—	—	—	—	—	—	75.24	14.82	60.42
MW-2	1/20/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.54	60.70
MW-2	2/6/1989	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.59	60.65
MW-2	3/10/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.88	60.36
MW-2	6/6/1989	ND	ND	0.5	ND	ND	—	—	—	—	—	—	—	—	75.24	15.30	59.94
MW-2	9/7/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.76	58.48
MW-2	12/18/1989	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.65	58.59
MW-2	3/8/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	15.92	59.32
MW-2	6/7/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.10	59.14
MW-2	9/5/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.61	58.63
MW-2	12/3/1990	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	17.06	58.18
MW-2	3/1/1991	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.62	58.62
MW-2	6/3/1991	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.65	58.59
MW-2	9/4/1991	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.57	58.67
MW-2	3/13/1992	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.66	60.58
MW-2	6/3/1992	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	15.90	59.34
MW-2	8/19/1992	67	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.72	58.52
MW-2	11/16/1992	50	ND	ND	ND	1.2	—	—	—	—	—	—	—	—	75.24	16.66	58.58
MW-2	2/18/1993	52 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	13.88	61.36
MW-2 (D)	2/18/1993	52 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	13.88	61.36
MW-2	6/1/1993	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.74	60.50
MW-2	8/30/1993	70 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	15.85	59.39
MW-2	12/13/1993	68 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	15.83	59.41
MW-2	3/3/1994	280 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.80	60.44
MW-2	6/6/1994	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.65	58.59
MW-2	9/12/1994	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	16.72	58.52
MW-2	12/15/1994	230 a	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	15.25	59.99
MW-2	3/13/1995	ND	2.9	6.3	ND	2.7	—	—	—	—	—	—	—	—	75.24	15.32	59.92
MW-2	4/21/1995	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	---	---
MW-2	6/26/1995	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	14.65	60.59
MW-2	9/12/1995	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—	75.24	15.78	59.46
MW-2	3/21/1996	<50	<0.5	<0.5	<0.5	<0.5	ND	—	—	—	—	—	—	—	75.24	12.72	62.52
MW-2	6/28/1996	<50	<0.5	<0.5	<0.5	<0.5	160	—	—	—	—	—	—	—	75.24	14.95	60.29

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	9/19/1996	<50	<0.5	<0.5	<0.5	<0.5	27	---	---	---	---	---	---	---	75.24	15.64	59.60
MW-2	12/19/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	75.24	14.47	60.77
MW-2	12/5/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	75.24	14.22	61.02
MW-2	12/24/1998	---	---	---	---	---	---	---	---	---	---	---	---	---	75.24	14.97	60.27
MW-2	12/23/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	75.24	16.07	59.17
MW-2	12/11/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	75.24	15.78	59.46
MW-2	12/27/2001	---	---	---	---	---	---	95	---	---	---	---	---	---	75.24	14.25	60.99
MW-2	3/14/2002	120	<0.50	<0.50	<0.50	<0.50	---	31	---	---	---	---	---	---	75.24	14.59	60.65
MW-2	6/13/2002	100	<0.50	<0.50	<0.50	<0.50	---	32	---	---	---	---	---	---	75.24	14.58	60.66
MW-2	9/9/2002	90	<0.50	<0.50	<0.50	<0.50	---	54	---	---	---	---	---	---	78.25	15.49	62.76
MW-2	12/12/2002	92	<0.50	<0.50	<0.50	<0.50	---	21	---	---	---	---	---	---	78.25	16.21	62.04
MW-2	3/10/2003	110	<0.50	<0.50	<0.50	<0.50	---	33	---	---	---	---	---	---	78.25	14.33	63.92
MW-2	6/10/2003	<50	<0.50	<0.50	<0.50	<1.0	---	49	---	---	---	---	---	---	78.25	14.48	63.77
MW-2	9/16/2003	<50	<0.50	<0.50	<0.50	<1.0	---	39	---	---	---	---	---	---	78.25	15.45	62.80
MW-2	12/3/2003	56 a	<0.50	<0.50	<0.50	<1.0	---	3.6	---	---	---	---	---	---	78.25	15.60	62.65
MW-2	3/11/2004	58 a	<0.50	<0.50	<0.50	<1.0	---	67	---	---	---	---	---	---	78.25	13.78	64.47
MW-2	6/17/2004	<50	<0.50	<0.50	<0.50	<1.0	---	40	---	---	---	---	---	---	78.25	14.87	63.38
MW-2	9/13/2004	68 d	<0.50	<0.50	<0.50	<1.0	---	44	<2.0	<2.0	<2.0	<5.0	---	---	78.25	15.85	62.40
MW-2	12/7/2004	<50 e	<0.50	<0.50	<0.50	<1.0	---	54	---	---	---	---	---	---	78.25	15.17	63.08
MW-2	3/3/2005	110 e	<0.50	<0.50	<0.50	<1.0	---	82	---	---	---	---	---	---	78.25	13.38	64.87
MW-2	6/14/2005	<50 e	<0.50	<0.50	<0.50	<1.0	---	29	---	---	---	---	---	---	78.25	13.95	64.30
MW-2	9/19/2005	<50	<0.50	<0.50	<0.50	<1.0	---	31	<2.0	<2.0	<2.0	5.6	---	---	78.25	14.78	63.47
MW-2	3/30/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	39.1	---	---	---	---	<0.500	<0.500	78.25	11.60	66.65
MW-2	9/27/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	78.25	15.42	62.83
MW-2	9/28/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	16.7	<0.500	<0.500	<0.500	<10.0	---	---	78.25	---	---
MW-2	12/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	78.25	14.60	63.65
MW-2	3/29/2007	<50	<0.50	<1.0	<1.0	<1.0	---	13	---	---	---	---	---	---	78.25	14.28	63.97
MW-2	6/7/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	78.25	18.20	60.05
MW-2	9/18/2007	72 g	<0.50	<1.0	<1.0	<1.0	---	1.3	<2.0	<2.0	<2.0	<10	---	---	78.25	19.70	58.55
MW-2	12/17/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	78.25	15.50	62.75
MW-2	2/27/2008	60 g	<0.50	<1.0	<1.0	<1.0	---	18	---	---	---	---	---	---	78.25	18.12	60.13
MW-2	5/28/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	78.25	18.75	59.50
MW-2	9/19/2008	210	<0.50	<1.0	<1.0	<1.0	---	15	<2.0	<2.0	<2.0	<10	---	---	78.25	17.35	60.90
MW-2	12/4/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	78.25	16.78	61.47
MW-2	2/25/2009	120	<0.50	<1.0	<1.0	<1.0	---	11	---	---	---	---	---	---	78.25	13.92	64.33
MW-2	5/26/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	78.25	14.50	63.75
MW-2	9/18/2009	130	<0.50	<1.0	<1.0	<1.0	---	5.6	<2.0	<2.0	<2.0	<10	---	---	78.25	14.92	63.33
MW-2	3/16/2010	110	<0.50	<1.0	<1.0	<1.0	---	7.6	---	---	---	---	---	---	78.25	18.16	60.09

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	9/27/2010	270	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	78.25	20.81	57.44
MW-2	**3/25/2011**	**120 h**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**1.8**	**---**	**---**	**---**	**---**	**---**	**---**	**78.25**	**17.98**	**60.27**
MW-3	7/14/1988	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.05	60.63
MW-3	10/4/1988	ND	ND	ND	ND	5	---	---	---	---	---	---	---	---	74.68	14.60	60.08
MW-3	11/10/1988	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.35	60.33
MW-3	12/9/1988	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.04	60.64
MW-3	1/10/1989	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	74.68	13.70	60.98
MW-3	1/20/1989	---	---	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	13.72	60.96
MW-3	2/6/1989	70	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	13.75	60.93
MW-3	3/10/1989	150	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	13.42	61.26
MW-3	6/6/1989	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.52	60.16
MW-3	9/7/1989	ND	0.65	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	15.52	59.16
MW-3	12/18/1989	46	1.3	ND	0.44	0.66	---	---	---	---	---	---	---	---	74.68	19.59	55.09
MW-3	3/8/1990	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.72	59.96
MW-3	6/7/1990	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.65	60.03
MW-3	9/5/1990	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	15.51	59.17
MW-3	12/3/1990	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.85	59.83
MW-3	3/1/1991	1.9	59	ND	22	ND	---	---	---	---	---	---	---	---	74.68	14.92	59.76
MW-3	6/3/1991	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.75	59.93
MW-3	9/4/1991	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	15.14	59.54
MW-3	3/13/1992	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	13.50	61.18
MW-3	6/3/1992	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.39	60.29
MW-3	8/19/1992	92	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	15.08	59.60
MW-3 (D)	8/19/1992	76	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	15.08	59.60
MW-3	11/16/1992	200 a	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	15.43	59.25
MW-3 (D)	11/16/1992	140 a	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	15.43	59.25
MW-3	2/18/1993	680 a	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	12.96	61.72
MW-3	6/1/1993	160 a	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	13.98	60.70
MW-3 (D)	6/1/1993	150 a	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	13.98	60.70
MW-3	8/30/1993	110 a	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.82	59.86
MW-3	12/13/1993	140 a	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.70	59.98
MW-3 (D)	12/13/1993	110 a	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.70	59.98
MW-3	3/3/1994	61 a	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	13.92	60.76
MW-3	6/6/1994	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.73	59.95
MW-3	9/12/1994	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	15.42	59.26
MW-3	12/15/1994	ND	ND	0.9	ND	0.6	---	---	---	---	---	---	---	---	74.68	13.80	60.88
MW-3	3/13/1995	100 a	7.9	17	0.7	6.1	---	---	---	---	---	---	---	---	74.68	12.41	62.27

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	4/21/1995	60	0.9	1.1	ND	1	---	---	---	---	---	---	---	---	74.68	---	---
MW-3	6/26/1995	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	13.79	60.89
MW-3	09/12/1995 b	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	74.68	14.77	59.91
MW-3	3/21/1996	<50	<0.5	<0.5	<0.5	<0.5	17	---	---	---	---	---	---	---	74.68	11.80	62.88
MW-3	6/28/1996	<50	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	74.68	14.19	60.49
MW-3	9/19/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	74.68	14.85	59.83
MW-3	12/19/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	74.68	13.61	61.07
MW-3	12/5/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	74.68	13.16	61.52
MW-3	12/24/1998	---	---	---	---	---	---	---	---	---	---	---	---	---	74.68	14.08	60.60
MW-3	12/23/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	74.68	15.92	58.76
MW-3	12/11/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	74.68	15.31	59.37
MW-3	12/27/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	74.68	12.84	61.84
MW-3	3/12/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	74.68	12.54	62.14
MW-3	3/14/2002	<50	<0.50	<0.50	<0.50	<0.50	---	40	---	---	---	---	---	---	74.68	12.78	61.90
MW-3	6/13/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	74.68	14.06	60.62
MW-3	9/9/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	14.77	62.92
MW-3	12/12/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	15.11	62.58
MW-3	3/10/2003	<50	<0.50	<0.50	<0.50	<0.50	---	5.4	---	---	---	---	---	---	77.69	13.52	64.17
MW-3	6/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	13.82	63.87
MW-3	9/16/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	14.60	63.09
MW-3	12/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	14.53	63.16
MW-3	3/11/2004	<50	<0.50	<0.50	<0.50	<1.0	---	3.5	---	---	---	---	---	---	77.69	12.38	65.31
MW-3	6/17/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	14.28	63.41
MW-3	9/13/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	14.78	62.91
MW-3	12/7/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	13.77	63.92
MW-3	3/3/2005	120	1.3	<0.50	<0.50	2.7	---	2.3	<2.0	<2.0	<2.0	37	---	---	77.69	11.84	65.85
MW-3	6/14/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	12.29	65.40
MW-3	9/19/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	14.33	63.36
MW-3	3/30/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	1.72	---	---	---	---	<0.500	<0.500	77.69	10.30	67.39
MW-3	9/27/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	14.62	63.07
MW-3	9/28/2006	610	<0.500	<0.500	<0.500	<0.500	---	2.83	<0.500	<0.500	<0.500	<10.0	---	---	77.69	---	---
MW-3	12/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	13.82	63.87
MW-3	3/29/2007	<50	<0.50	<1.0	<1.0	<1.0	---	0.78 f	---	---	---	---	---	---	77.69	13.55	64.14
MW-3	6/7/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	16.38	61.31
MW-3	9/18/2007	<50 g	<0.50	<1.0	<1.0	<1.0	---	1.1	<2.0	<2.0	<2.0	<10	---	---	77.69	16.24	61.45
MW-3	12/17/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	19.24	58.45
MW-3	2/27/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	1.4	---	---	---	---	---	---	77.69	14.65	63.04
MW-3	5/28/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	15.33	62.36

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	9/19/2008	100	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	77.69	15.53	62.16
MW-3	12/4/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	15.38	62.31
MW-3	2/25/2009	88	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	77.69	12.60	65.09
MW-3	5/26/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	77.69	13.40	64.29
MW-3	9/18/2009	330	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	77.69	14.66	63.03
MW-3	3/16/2010	170	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	77.69	14.73	62.96
MW-3	9/27/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	77.69	16.09	61.60
MW-3	**3/25/2011**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<1.0**	**---**	**---**	**---**	**---**	**---**	**---**	**77.69**	**14.16**	**63.53**
MW-4	1/23/1990	1,600	100	10	30	20	---	---	---	---	---	---	---	---	73.83	14.68	59.15
MW-4	3/8/1990	4,200	260	18	88	39	---	---	---	---	---	---	---	---	73.83	14.38	59.45
MW-4	6/7/1990	2,000	150	6.9	14	17	---	---	---	---	---	---	---	---	73.83	14.27	59.56
MW-4	9/5/1990	1,700	130	10	7.2	19	---	---	---	---	---	---	---	---	73.83	15.40	58.43
MW-4	12/3/1990	2,600	108	41	17	59	---	---	---	---	---	---	---	---	73.83	15.90	57.93
MW-4	6/3/1991	2,800	160	15	8.8	32	---	---	---	---	---	---	---	---	73.83	14.60	59.23
MW-4	9/4/1991	Sheen	---	---	---	---	---	---	---	---	---	---	---	---	73.83	15.25	58.58
MW-4	3/13/1992	2,700	180	70	5.9	29	---	---	---	---	---	---	---	---	73.83	12.72	61.11
MW-4	6/3/1992	1,700	190	ND	30	23	---	---	---	---	---	---	---	---	73.83	14.33	59.50
MW-4	8/19/1992	170	4.2	ND	0.6	1	---	---	---	---	---	---	---	---	73.83	15.18	58.65
MW-4	11/16/1992	2,600	92	49	50	81	---	---	---	---	---	---	---	---	73.83	15.39	58.44
MW-4	2/18/1993	7,400	120	38	51	87	---	---	---	---	---	---	---	---	73.83	12.62	61.21
MW-4	6/1/1993	7,000	1,800	1,700	1,600	1,700	---	---	---	---	---	---	---	---	73.83	13.68	60.15
MW-4	8/30/1993	2,100	80	11	ND	11	---	---	---	---	---	---	---	---	73.83	14.83	59.00
MW-4 (D)	8/30/1993	2,100	77	5.6	ND	5.5	---	---	---	---	---	---	---	---	73.83	14.83	59.00
MW-4	12/13/1993	2,000 a	20	ND	21	52	---	---	---	---	---	---	---	---	73.83	14.50	59.33
MW-4	3/3/1994	3,500	150	86	85	90	---	---	---	---	---	---	---	---	73.83	13.48	60.35
MW-4 (D)	3/3/1994	3,200	130	73	74	76	---	---	---	---	---	---	---	---	73.83	13.48	60.35
MW-4	6/6/1994	590	25	ND	ND	ND	---	---	---	---	---	---	---	---	73.83	14.26	59.57
MW-4 (D)	6/6/1994	400	16	ND	ND	ND	---	---	---	---	---	---	---	---	73.83	14.26	59.57
MW-4	9/12/1994	1,800	42	ND	3.7	4.7	---	---	---	---	---	---	---	---	73.83	15.42	58.41
MW-4 (D)	9/12/1994	2,000	40	ND	5.7	8	---	---	---	---	---	---	---	---	73.83	15.42	58.41
MW-4	12/15/1994	2,900	78	14	94	17	---	---	---	---	---	---	---	---	73.83	13.43	60.40
MW-4 (D)	12/15/1994	2,900	90	7	96	18	---	---	---	---	---	---	---	---	73.83	13.43	60.40
MW-4	3/13/1995	2,700	240	24	99	34	---	---	---	---	---	---	---	---	73.83	12.13	61.70
MW-4 (D)	3/13/1995	2,500	300	24	140	28	---	---	---	---	---	---	---	---	73.83	12.13	61.70
MW-4	6/25/1995	2,100	87	10	67	25	---	---	---	---	---	---	---	---	73.83	13.26	60.57
MW-4 (D)	6/25/1995	2,300	92	12	74	26	---	---	---	---	---	---	---	---	73.83	13.26	60.57
MW-4	09/12/1995 b	1,300	33	13	9.3	15	---	---	---	---	---	---	---	---	73.83	14.64	59.19

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4 (D)	09/12/1995 b	1,500	2.1	16	11	17	---	---	---	---	---	---	---	---	73.83	14.64	59.19
MW-4	3/21/1996	2,100	50	3.2	40	5.4	ND	---	---	---	---	---	---	---	73.83	11.55	62.28
MW-4 (D)	3/21/1996	1,700	24	<0.5	39	7.2	740	---	---	---	---	---	---	---	73.83	11.55	62.28
MW-4	6/28/1996	1,300	61	6.2	53	11	1,000	---	---	---	---	---	---	---	73.83	13.86	59.97
MW-4 (D)	6/28/1996	1,200	29	6.2	50	8.3	1,000	---	---	---	---	---	---	---	73.83	13.86	59.97
MW-4	9/19/1996	820	12	<2.5	2.8	4.3	720	---	---	---	---	---	---	---	73.83	14.72	59.11
MW-4 (D)	9/19/1996	580	9.6	<2.5	<2.5	<2.5	760	1,200	---	---	---	---	---	---	73.83	14.72	59.11
MW-4	12/19/1996	1,200	28	<5.0	<5.0	<5.0	<25	---	---	---	---	---	---	---	73.83	13.06	60.77
MW-4	12/5/1997	1,900	36	9	16	18	630	---	---	---	---	---	---	---	73.83	12.89	60.94
MW-4	12/24/1998	1,100	23	5.3	38	7.9	1,100	---	---	---	---	---	---	---	73.83	13.92	59.91
MW-4	12/17/1999	1,100	22	21	13	11	3,800	3,200	---	---	---	---	---	---	73.83	14.28	59.55
MW-4	12/23/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	73.83	16.24	57.59
MW-4	12/11/2000	975	25.0	11.3	<5.00	<5.00	1,960	1,730 c	---	---	---	---	---	---	73.83	14.15	59.68
MW-4	12/27/2001	2,000	9.9	<5.0	18	<5.0	---	1,400	---	---	---	---	---	---	73.83	12.61	61.22
MW-4	3/14/2002	1,700	6.6	<2.0	2.1	2.1	---	1,100	---	---	---	---	---	---	73.83	12.35	61.48
MW-4	6/13/2002	1,200	4.7	<2.0	<2.0	<2.0	---	1,100	---	---	---	---	---	---	73.83	13.72	60.11
MW-4	9/9/2002	620	3.7	<2.0	<2.0	<2.0	---	760	---	---	---	---	---	---	76.82	14.56	62.26
MW-4	12/12/2002	1,500	3.9	<2.0	<2.0	<2.0	---	880	---	---	---	---	---	---	76.82	14.82	62.00
MW-4	3/10/2003	2,300	5.7	0.95	3.8	0.63	---	1,200	---	---	---	---	---	---	76.82	13.63	63.19
MW-4	6/10/2003	2,200	5.3	<5.0	<5.0	<10	---	880	---	---	---	---	---	---	76.82	13.68	63.14
MW-4	9/16/2003	1,400	<5.0	<5.0	<5.0	<10	---	420	---	---	---	---	---	---	76.82	14.35	62.47
MW-4	12/3/2003	2,600	5.0	<5.0	<5.0	<10	---	840	---	---	---	---	---	---	76.82	14.27	62.55
MW-4	3/11/2004	1,900 a	6.3	<5.0	<5.0	<10	---	800	---	---	---	---	---	---	76.82	12.62	64.20
MW-4	6/17/2004	1,000	7.4	<2.5	<2.5	<5.0	---	460	---	---	---	---	---	---	76.82	13.90	62.92
MW-4	9/13/2004	1,100	4.6	<2.5	<2.5	<5.0	---	300	<10	<10	<10	160	---	---	76.82	14.67	62.15
MW-4	12/7/2004	2,200	4.6	<2.5	<2.5	<5.0	---	430	---	---	---	---	---	---	76.82	13.92	62.90
MW-4	3/3/2005	2,500	5.3	<2.5	<2.5	<5.0	---	620	---	---	---	---	---	---	76.82	11.75	65.07
MW-4	6/14/2005	<50	<0.50	<0.50	<0.50	<1.0	---	51	---	---	---	---	---	---	76.82	12.20	64.62
MW-4	9/19/2005	1,200	2.7	<0.50	<0.50	<1.0	---	140	8.4	<2.0	<2.0	280	---	---	76.82	14.08	62.74
MW-4	3/30/2006	2,740	2.01	<0.500	<0.500	<0.500	---	222	---	---	---	---	<0.500	<0.500	76.82	10.25	66.57
MW-4	9/27/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	76.82	14.18	62.64
MW-4	9/28/2006	1,660	0.950	<0.500	<0.500	<0.500	---	73.3	6.92	<0.500	<0.500	77.0	---	---	76.82	---	---
MW-4	12/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	76.82	13.25	63.57
MW-4	3/29/2007	2,100	12	0.49 f	<1.0	0.21 f	---	150	---	---	---	---	---	---	76.82	13.18	63.64
MW-4	6/7/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	76.82	18.01	58.81
MW-4	9/18/2007	330 g	1.7	<1.0	<1.0	<1.0	---	9.2	0.86 f	<2.0	<2.0	<10	---	---	76.82	18.80	58.02
MW-4	12/17/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	76.82	18.50	58.32
MW-4	2/27/2008	210 g	0.61	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	76.82	17.85	58.97

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	5/28/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	76.82	18.26	58.56
MW-4	9/19/2008	200	4.5	<1.0	<1.0	1.3	---	8.9	<2.0	<2.0	<2.0	<10	---	---	76.82	16.16	60.66
MW-4	12/4/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	76.82	15.67	61.15
MW-4	2/25/2009	1,700	12	<2.0	4.2	<2.0	---	160	---	---	---	---	---	---	76.82	12.44	64.38
MW-4	5/26/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	76.82	13.30	63.52
MW-4	9/18/2009	1,300	0.72	<1.0	<1.0	<1.0	---	150	56	<2.0	<2.0	160	---	---	76.82	14.30	62.52
MW-4	3/16/2010	300	1.2	<1.0	<1.0	<1.0	---	2.4	---	---	---	---	---	---	76.82	18.14	58.68
MW-4	9/27/2010	150	1.3	<1.0	<1.0	<1.0	---	6.6	<2.0	<2.0	<2.0	<10	---	---	76.82	18.99	57.83
MW-4	**3/25/2011**	**770**	**9.5**	**0.59**	**11**	**1.3**	**---**	**2.3**	**---**	**---**	**---**	**---**	**---**	**---**	**76.82**	**17.65**	**59.17**
MW-5	9/22/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	76.97	14.21	62.76
MW-5	9/27/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	76.97	14.35	62.62
MW-5	9/28/2006	10,800	36.6	2.08	119	9.04	---	15.1	3.61	<0.500	<0.500	<10.0	---	---	76.97	---	---
MW-5	12/26/2006	5,000	150	5.2	70	16	---	35	---	---	---	---	---	---	76.97	13.32	63.65
MW-5	3/29/2007	7,700	320	10	77	19.0 f	---	32	---	---	---	---	---	---	76.97	13.22	63.75
MW-5	6/7/2007	7,600	47	4.6	71	13.7	---	40	---	---	---	---	---	---	76.97	17.88	59.09
MW-5	9/18/2007	4,300 g	7.0	1.1	20	1.93 f	---	21	0.82 f	<2.0	<2.0	15	---	---	76.97	19.00	57.97
MW-5	12/17/2007	6,900 g	58.0	9.9	410	15.8	---	<5.0	---	---	---	---	---	---	76.97	18.25	58.72
MW-5	2/27/2008	6,500 g	100	13	510	32.1	---	26	---	---	---	---	---	---	76.97	17.32	59.65
MW-5	5/28/2008	3,200	66	5.7	140	6.7	---	46	---	---	---	---	---	---	76.97	17.94	59.03
MW-5	9/19/2008	3,200	110	6.3	110	12.0	---	<1.0	7.0	<2.0	<2.0	10	---	---	76.97	16.32	60.65
MW-5	12/4/2008	5,900	250	14	220	28.3	---	<2.0	---	---	---	---	---	---	76.97	15.80	61.17
MW-5	2/25/2009	7,400	430	28	240	73	---	17	---	---	---	---	---	---	76.97	12.41	64.56
MW-5	5/26/2009	6,800	190	18	210	83	---	5.5	---	---	---	---	---	---	76.97	13.28	63.69
MW-5	9/18/2009	4,200	44	<5.0	140	20	---	6.0	<10	<10	<10	<50	---	---	76.97	14.35	62.62
MW-5	3/16/2010	15,000	64	5.7	280	21	---	6.4	---	---	---	---	---	---	76.97	17.46	59.51
MW-5	9/27/2010	6,100	82	<10	65	13	---	<10	<20	<20	<20	<100	---	---	76.97	18.90	58.07
MW-5	**3/25/2011**	**7,600**	**150**	**10**	**270**	**43**	**---**	**<5.0**	**---**	**---**	**---**	**---**	**---**	**---**	**76.97**	**16.82**	**60.15**

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to December 27, 2001, by EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to December 27, 2001, by EPA Method 8020.
MTBE = Methyl tertiary-butyl ether
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
TBA = Tertiary-butyl alcohol, analyzed by EPA Method 8260B
1,2-DCA = 1,2-Dichloroethane, analyzed by EPA Method 8260B

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
230 WEST MACARTHUR BOULEVARD, OAKLAND, CALIFORNIA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

EDB = 1,2-Dibromoethane or Ethylene Dibromide, analyzed by EPA Method 8260B
TOC = Top of casing elevation
GW = Groundwater
ug/L = Micrograms per liter
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample
ND = Not detected at or above the quantitative limit.
--- = Not applicable

Notes:
a = Chromatogram pattern indicates the presence of an unidentified hydrocarbon/Hydrocarbon does not match pattern of laboratory's standard.
b = The laboratory noted the sample was analyzed after the method specified holding time.
c = This sample was analyzed outside of EPA recommended hold time.
d = Sample contains discrete peak in gasoline range.
e = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
f = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
g = Analyzed by EPA Method 8015B (M).
h = Hydrocarbon result partly due to individual peak(s) in quantitation range
Site surveyed January 30, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.
Well MW-5 surveyed on May 10, 2006 by Virgil Chavez Land Surveying of Vallejo, CA.

APPENDIX A

BLAINE TECH SERVICES, INC. – FIELD NOTES

WELL GAUGING DATA

Project # 160326-PH2 Date 3/25/11 Client Shell

Site 230 w. MacArthur Blvd, Oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	0916	4					13.35	29.35		
MW-2	0920	4					17.98	27.72		
MW-3	0925	4					14.16	28.15		
MW-4	0929	4					17.65	23.84		
MW-5	0934	4					16.82	24.52	↓	

SHELL WELL MONITORING DATA SHEET

BTS #: 110325-PH2	Site: 9897574
Sampler: RH	Date: 3/25/11
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 29.35	Depth to Water (DTW): 13.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.55	

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

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

10.4 (Gals.) X	3	=	31.2 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
0952	60.1	6.1	374	38	10.5	
	—	—	dewatered @ 20 gallons		—	
1200	61.9	7.3	220	48	—	

Did well dewater? (Yes) No Gallons actually evacuated: 20

Sampling Date: 3/25/11 Sampling Time: 1200 Depth to Water: 17.14 (>2hours)

Sample I.D.: MW-1 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 #: 110325-PH2	Site: 78975741
Sampler: PH	Date: 3/25/11
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 27.72	Depth to Water (DTW): 17.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.92	

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

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

6.3 (Gals.) X	3	=	18.9 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1005	63.0	6.3	520	410	6.5	
1006	64.2	6.3	513	85	13	
	—	Dewatered @ 13 gallons				
1210	65.4	6.4	502	15	—	

Did well dewater? (Yes) No Gallons actually evacuated: 13

Sampling Date: 3/25/11 Sampling Time: 1210 Depth to Water: 18.76

Sample I.D.: MW-2 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 #: 10325-PHL	Site: 9895741
Sampler: PH	Date: 3/25/11
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.15	Depth to Water (DTW): 14.16
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]: 16.95	

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

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

9.0 (Gals.) X	3	=	27.2 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
1026	63.4	6.5	4106	89	9	
	—	Dewatered @	13 gallons	—		
1220	66.1	6.7	338	18	—	

Did well dewater? (Yes) No Gallons actually evacuated: 13

Sampling Date: 3/25/11 Sampling Time: 1220 Depth to Water: 15.30

Sample I.D.: MW-3 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 #: 110325-PH2	Site: 9899574
Sampler: PH	Date: 3/25/11
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 23.84	Depth to Water (DTW): 17.65
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]: 18.88	

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
1040	62.2	6.3	525	180	4	
		—	Pumped	@ 4 gallons	—	
1230	67.3	6.1	499	53	—	

Did well dewater? (Yes) No Gallons actually evacuated: 4

Sampling Date: 3/25/11 Sampling Time: 1230 Depth to Water: 18.63

Sample I.D.: MW-4 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 #: 110325-PH2	Site: 98995741
Sampler: PH	Date: 3/25/11
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 24.52	Depth to Water (DTW): 16.82
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.36	

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

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

5.0 (Gals.) X	3	=	15.0 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1091	63.6	6.4	460	130	5	
	—	Dewatered @ 8 gallons				
1240	63.9	6.3	398	21	—	

Did well dewater? (Yes) No Gallons actually evacuated: 8

Sampling Date: 3/25/11 Sampling Time: 1240 Depth to Water: 17.56

Sample I.D.: MW-5 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 WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 230 W. MacArthur Blvd, Oakland Date 3/25/11

Job Number 110325-PH2 Technician PH Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-1	X	X							
MW-2	X	X							
MW-3	X	X							
MW-4	X	X							
MW-5	X	X							

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

Notes:

APPENDIX B

TEST AMERICA – LABORATORY REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

LABORATORY REPORT

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

Project: 230 W MacArthur Blvd., Oakland, CA

Sampled: 03/25/11
Received: 03/29/11
Issued: 04/12/11 11:22

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

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IUC2988-01	MW-1	Water
IUC2988-02	MW-2	Water
IUC2988-03	MW-3	Water
IUC2988-04	MW-4	Water
IUC2988-05	MW-5	Water

Reviewed By:

TestAmerica Irvine

Lena Davidkova For Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
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Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 230 W MacArthur Blvd., Oakland, CA
Report Number: IUC2988

Sampled: 03/25/11
Received: 03/29/11

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC2988-01 (MW-1 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11D0444	50	ND	1	4/5/2011	4/6/2011	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Sample ID: IUC2988-02 (MW-2 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11D0444	50	**120**	1	4/5/2011	4/6/2011	QP1
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Sample ID: IUC2988-03 (MW-3 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11D0444	50	ND	1	4/5/2011	4/6/2011	
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Sample ID: IUC2988-04 (MW-4 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11D0444	50	**770**	1	4/5/2011	4/6/2011	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Sample ID: IUC2988-05 (MW-5 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11D0444	250	**7600**	5	4/5/2011	4/6/2011	
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				

TestAmerica Irvine

Lena Davidkova For Philip Sanelle
Project Manager

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

Project ID: 230 W MacArthur Blvd., Oakland, CA

Report Number: IUC2988

Sampled: 03/25/11
Received: 03/29/11

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC2988-01 (MW-1 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11D0444	0.50	ND	1	4/5/2011	4/6/2011	
Ethylbenzene	EPA 8260B	11D0444	0.50	ND	1	4/5/2011	4/6/2011	
Toluene	EPA 8260B	11D0444	0.50	ND	1	4/5/2011	4/6/2011	
Xylenes, Total	EPA 8260B	11D0444	1.0	ND	1	4/5/2011	4/6/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11D0444	1.0	ND	1	4/5/2011	4/6/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Sample ID: IUC2988-02 (MW-2 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11D0444	0.50	ND	1	4/5/2011	4/6/2011	
Ethylbenzene	EPA 8260B	11D0444	0.50	ND	1	4/5/2011	4/6/2011	
Toluene	EPA 8260B	11D0444	0.50	ND	1	4/5/2011	4/6/2011	
Xylenes, Total	EPA 8260B	11D0444	1.0	ND	1	4/5/2011	4/6/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11D0444	1.0	**1.8**	1	4/5/2011	4/6/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Sample ID: IUC2988-03 (MW-3 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11D0444	0.50	ND	1	4/5/2011	4/6/2011	
Ethylbenzene	EPA 8260B	11D0444	0.50	ND	1	4/5/2011	4/6/2011	
Toluene	EPA 8260B	11D0444	0.50	ND	1	4/5/2011	4/6/2011	
Xylenes, Total	EPA 8260B	11D0444	1.0	ND	1	4/5/2011	4/6/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11D0444	1.0	ND	1	4/5/2011	4/6/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				

TestAmerica Irvine

Lena Davidkova For Philip Sanelle
Project Manager

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

Project ID: 230 W MacArthur Blvd., Oakland, CA
Report Number: IUC2988

Sampled: 03/25/11
Received: 03/29/11

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

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC2988-04 (MW-4 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11D0444	0.50	**9.5**	1	4/5/2011	4/6/2011	
Ethylbenzene	EPA 8260B	11D0444	0.50	**11**	1	4/5/2011	4/6/2011	
Toluene	EPA 8260B	11D0444	0.50	**0.59**	1	4/5/2011	4/6/2011	
Xylenes, Total	EPA 8260B	11D0444	1.0	**1.3**	1	4/5/2011	4/6/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11D0444	1.0	**2.3**	1	4/5/2011	4/6/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Sample ID: IUC2988-05 (MW-5 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11D0444	2.5	**150**	5	4/5/2011	4/6/2011	
Ethylbenzene	EPA 8260B	11D0444	2.5	**270**	5	4/5/2011	4/6/2011	
Toluene	EPA 8260B	11D0444	2.5	**10**	5	4/5/2011	4/6/2011	
Xylenes, Total	EPA 8260B	11D0444	5.0	**43**	5	4/5/2011	4/6/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11D0444	5.0	ND	5	4/5/2011	4/6/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				

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Attention: Lorin King

Project ID: 230 W MacArthur Blvd., Oakland, CA
Report Number: IUC2988

Sampled: 03/25/11
Received: 03/29/11

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11D0444 Extracted: 04/05/11										
Blank Analyzed: 04/05/2011 (11D0444-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
LCS Analyzed: 04/05/2011 (11D0444-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	411	50	ug/l	500		82	55-130			
Surrogate: Dibromofluoromethane	*24.4*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			
Matrix Spike Analyzed: 04/05/2011 (11D0444-MS1)					**Source: IUC2975-01**					
Volatile Fuel Hydrocarbons (C4-C12)	1550	50	ug/l	1720	348	70	50-145			
Surrogate: Dibromofluoromethane	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Matrix Spike Dup Analyzed: 04/05/2011 (11D0444-MSD1)					**Source: IUC2975-01**					
Volatile Fuel Hydrocarbons (C4-C12)	1540	50	ug/l	1720	348	69	50-145	0.6	20	
Surrogate: Dibromofluoromethane	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			

TestAmerica Irvine

Lena Davidkova For Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Project ID: 230 W MacArthur Blvd., Oakland, CA

Report Number: IUC2988

Sampled: 03/25/11
Received: 03/29/11

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11D0444 Extracted: 04/05/11										
Blank Analyzed: 04/05/2011 (11D0444-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
LCS Analyzed: 04/05/2011 (11D0444-BS1)										
Benzene	25.4	0.50	ug/l	25.0		102	70-120			
Ethylbenzene	26.6	0.50	ug/l	25.0		106	75-125			
Toluene	25.9	0.50	ug/l	25.0		104	70-120			
m,p-Xylenes	53.3	1.0	ug/l	50.0		107	75-125			
o-Xylene	26.3	0.50	ug/l	25.0		105	75-125			
Xylenes, Total	79.6	1.0	ug/l	75.0		106	70-125			
Methyl-tert-butyl Ether (MTBE)	22.8	1.0	ug/l	25.0		91	60-135			
Surrogate: 4-Bromofluorobenzene	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: Dibromofluoromethane	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Matrix Spike Analyzed: 04/05/2011 (11D0444-MS1)					**Source: IUC2975-01**					
Benzene	26.0	0.50	ug/l	25.0	ND	104	65-125			
Ethylbenzene	26.7	0.50	ug/l	25.0	0.300	105	65-130			
Toluene	26.9	0.50	ug/l	25.0	ND	108	70-125			
m,p-Xylenes	53.4	1.0	ug/l	50.0	ND	107	65-130			
o-Xylene	26.2	0.50	ug/l	25.0	ND	105	65-125			
Xylenes, Total	79.6	1.0	ug/l	75.0	ND	106	60-130			
Methyl-tert-butyl Ether (MTBE)	26.0	1.0	ug/l	25.0	1.64	98	55-145			
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Dibromofluoromethane	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			

TestAmerica Irvine

Lena Davidkova For Philip Sanelle
Project Manager

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Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
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Attention: Lorin King

Project ID: 230 W MacArthur Blvd., Oakland, CA

Report Number: IUC2988

Sampled: 03/25/11
Received: 03/29/11

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11D0444 Extracted: 04/05/11										
Matrix Spike Dup Analyzed: 04/05/2011 (11D0444-MSD1)					**Source: IUC2975-01**					
Benzene	26.0	0.50	ug/l	25.0	ND	104	65-125	0.08	20	
Ethylbenzene	26.6	0.50	ug/l	25.0	0.300	105	65-130	0.2	20	
Toluene	26.8	0.50	ug/l	25.0	ND	107	70-125	0.4	20	
m,p-Xylenes	53.4	1.0	ug/l	50.0	ND	107	65-130	0.06	25	
o-Xylene	26.3	0.50	ug/l	25.0	ND	105	65-125	0.3	20	
Xylenes, Total	79.7	1.0	ug/l	75.0	ND	106	60-130	0.06	20	
Methyl-tert-butyl Ether (MTBE)	26.0	1.0	ug/l	25.0	1.64	97	55-145	0.3	25	
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Dibromofluoromethane	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			

TestAmerica Irvine

Lena Davidkova For Philip Sanelle
Project Manager

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

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

Project ID: 230 W MacArthur Blvd., Oakland, CA

Report Number: IUC2988

Sampled: 03/25/11
Received: 03/29/11

DATA QUALIFIERS AND DEFINITIONS

QP1 Hydrocarbon result partly due to individual peak(s) in quantitation range.

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For Volatile Fuel Hydrocarbons (C4-C12):

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

TestAmerica Irvine

Lena Davidkova For Philip Sanelle
Project Manager

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

Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
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Attention: Lorin King

Project ID: 230 W MacArthur Blvd., Oakland, CA

Report Number: IUC2988

Sampled: 03/25/11
Received: 03/29/11

Certification Summary

TestAmerica Irvine

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

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

TestAmerica Irvine

Lena Davidkova For Philip Sanelle
Project Manager

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)

- ☐ CALSCIENCE ( )
- ☐ SPL ( )
- ☐ XENCO ( )
- ☑ TEST AMERICA (IRVINE)
- ☐ OTHER ( )

Please Check Appropriate Box:

☐ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☑ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Peter Schaefer 240902

INCIDENT # (ENV SERVICES): 9 8 9 9 5 7 4 1

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 3/28/11

PAGE: 1 of 1

PO #: 4 0 - 4 0 3 4 9 7 3

SAP #:

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

ADDRESS: 1680 Rogers Avenue, San Jose, CA

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

TELEPHONE: 310-995-4455 x 108 FAX: 310-637-5802 E-MAIL: lking@blainetech.com

SITE ADDRESS: Street and City: 230 W. MacArthur Blvd., Oakland State: CA GLOBAL ID NO.: T0600101240

EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville PHONE NO.: 510-420-3343 E-MAIL: shelledf@craworld.com

CONSULTANT PROJECT NO.: 110325-PH2

SAMPLER NAME(S) (Print): P. Harms

LAB USE ONLY: IUC 2988

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

Email invoice and copy of final report to Shell.Lab.Billing@craworld.com

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

TEMPERATURE ON RECEIPT C°: 2.1°

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH -GRO, Purgeable (8260B)	TPH -DRO, Extractable (8015M)	TPHg (8015M)		BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	Full VOC list (8260B)	Single Compound: ___ (8260B)	1,2-DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	Container PID Readings or Laboratory Notes
	MW-1	3/25	1200	W	X					3	X					X									
	MW-2	↓	1210	↓	X					↓	X					X									
	MW-3	↓	1220	↓	X					↓	X					X									
	MW-4	↓	1230	↓	X					↓	X					X									
	MW-5	↓	1240	↓	X					↓	X					X									

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	3/23/11	1430
[signature]	[signature] Gerald Naylor	3/28/11	1340
Gerald Naylor 3-28-11 15:00	[signature]	03/29/11	10:45

KM 3-23-11 1620

05/2/06 Revision

#29AP1

APPENDIX C

STELLAR ENVIRONMENTAL SOLUTIONS, INC. - DATA TABLES FOR OAKLAND AUTO WORKS

Table C-1
Historical Groundwater Monitoring Well Groundwater Analytical Results
Petroleum and Aromatic Hydrocarbons (µg/L)
240 W. MacArthur Boulevard, Oakland, Alameda, California

Well Purged?	Sampling Event No.	Date Sampled	TVH-g	TEH-d	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
MW-1									
Yes	1	Aug-97	1,140	*< 1,000*	110	16	15	112	
Yes	2	Dec-97	ND		ND	ND	ND	31	
Yes	3	Mar-98	370		8.9	*< 0.5*	*< 0.5*	2.2	18
Yes	4	Jul-98	6,400		1,300	23	3.7	58	97
Yes	5	Oct-98	2,500		360	44	1.3	150	*< 0.5*
Yes	6	Jan-99	2,700		1,200	28	140	78	130
(a)	7	Jun-00	27,000		5,200	500	320	3,100	1,300
(a)	8	Dec-00	976,000		2,490	1,420	3,640	10,100	*< 150*
(a)	9	Feb-01							
(a)	10	May-01	20,000		2,900	310	230	1,900	*< 30*
(a)	11	Jul-01	92,000		2,900	580	2,800	20,000	560
Pre"hi-vac"	12	Oct 22-01	20,000		3,700	560	410	4,600	2,600
Post "hi-vac"	12	Oct 26-01	*< 0.05*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
(a)	13	Dec-01	3,300		200	12	5.7	43	44
No	14	Mar-02	4,600		820	4.4	100	300	210
No	15	May-02	1,600		100	23	20	190	7.7
No	16	Jul-02	2,300		250	15	13	180	180
No	17	Oct-02	1,820		222	16	*< 0.3*	59	58
No	18	Jan-03	2,880		188	*< 50*	*< 50*	157	20
No	19	Mar-03	6,700		607	64	64	288	*< 0.18*
No	20	Aug-03	4,900	5,000	740	45	85	250	14
Yes	21	Dec-03	8,930	800	1,030	55	127	253	212
Yes	22	Mar-04	11,300	1,100	483	97	122	452	67
Yes	23	Jun-04	9,300	4,000	1,700	75	92	350	6.0
Yes	24	Sep-04	9,100	97	920	19	82	201	7.2
Yes	25	Dec-04	11,000	3,300	830	21	74	118	7.9
Yes	26	Mar-05	4,700	3,500	450	28	42	97	6.7
Yes	27	Jun-05	21,000	6,800	1,900	270	320	2,800	*< 13*
Yes	28	Sep-05	23,000	2,500	2,100	100	200	880	*< 2.5*
Yes	29	Dec-05	4,300	3,000	500	22	72	228	5.5
Yes	30	Mar-06	11,000	3,000	340	45	89	630	4.3
Yes	31	Jun-06	21,000	8,500	1,600	160	170	1,000	*< 2.5*
Yes	32	Sep-06	13,000	6,200	1,700	76	110	440	*< 13*
Yes	33	Dec-06	16,000	4,100	1,500	100	160	670	*< 13*
Yes	34	Mar-07	22,000	6,200	1,700	140	180	1,100	*< 13*
Yes	35	Jun-07	3,600	1,500	210	10	19	61	3.2
Yes	36	Sep-07	1,400	1,700	50	*< 0.5*	1.3	*< 0.5*	4.1
Yes	37	Dec-07	2,700	840	170	5.5	7.5	34.6	3.1
Yes	38	Mar-08	2,300	1,000	77	<2.5	8.2	10	<2.5
No	39	Jun-08							
Yes	40	Sep-08	1,700	2,600	170	5	3	19	*<1.3*
Yes	41	Dec-08	4,300	1,100	180	6.7	12	27.3	*<1.3*
Yes	42	Mar-09	9,200	5,200	84	6.4	29	54.0	1.0
Yes	43	Sep-09	4,300	5,200	370	14.0	52	33.0	0.5
Yes	44	Sep-10	3,400	2,100	190	10.0	16	84.0	2.5
Yes	45	Apr-11	2,500	1,400	75	2.3	9	24.3	*<.05*

(table continued on next page; footnotes on final page)

Well Purged?	Sampling Event No.	Date Sampled	TVH-g	TEH-d	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
MW-2									
Yes	1	Aug-97	5,350	*< 1,000*	108	36	33	144	
Yes	2	Dec-97	1,600		73	*ND*	*ND*	*ND*	
Yes	3	Mar-98	3,400		830	100	210	240	870
Yes	4	Jul-98	3,100		25	2.2	*< 0.5*	0.9	1,900
Yes	5	Oct-98	4,300		*< 0.5*	1.2	*< 0.5*	1	4,200
Yes	6	Jan-99	2,900		160	8.9	6.9	78.4	2,100
(a)	7	Jun-00	2,700		200	17	30	16	680
(a)	8	Dec-00	3,020		56.7	*< 1.5*	*< 1.5*	*< 3.0*	3,040
(a)	9	Feb-01							
(a)	10	May-01	720		49	*< 3.0*	4.6	*< 3.0*	380
(a)	11	Jul-01	8,400		350	44	77	78	550
Pre"hi-vac"	12	Oct 22-01	850		170	4.9	5.1	14	260
Post "hi-vac"	12	Oct 26-01	770		86	5.5	9.6	8.5	310
(a)	13	Dec-01	1,300		9.2	*< 2.0*	*< 2.0*	*< 2.0*	370
No	14	Mar-02	1,300		76	3.8	21	15	460
No	15	May-02	320		12	1.1	4.6	4.8	160
No	16	Jul-02	1,300		130	1	9.4	5.6	420
No	17	Oct-02	1,060		12	2.2	4.2	3.5	270
No	18	Jan-03	581		6.5	*< 5.0*	*< 5.0*	*< 5.0*	130
No	19	Mar-03	1,250		*< 0.22*	*< 0.32*	*< 0.31*	*< 0.4*	155
No	20	Aug-03	2,200	730	58	9.2	*< 0.5*	28	240
Yes	21	Dec-03	1,980	100	29	22.0	7.4	13	295
Yes	22	Mar-04	2,700	100	12	16.0	9	12	249
Yes	23	Jun-04	1,200	370	42	0.7	2.6	0.9	170
Yes	24	Sep-04	1,500	280	14	*< 0.5*	*< 0.5*	0.6	130
Yes	25	Dec-04	1,400	540	26	1.1	1.8	3.5	91
Yes	26	Mar-05	2,300	420	5.3	*< 1.0*	3.7	*< 2.0*	120
Yes	27	Jun-05	1,600	500	14	*< 0.5*	1.8	0.68	66
Yes	28	Sep-05	1,400	210	30	1.3	12	26	58
Yes	29	Dec-05	1,300	800	4.9	0.6	0.7	0.8	74
Yes	30	Mar-06	1,300	400	3.2	*< 0.7*	*< 0.7*	*< 1.4*	120
Yes	31	Jun-06	1,400	1,200	33.0	1.3	3.5	*<1.6*	84
Yes	32	Sep-06	8,300	1,600	67.0	4.1	4.6	15.4	64
Yes	33	Dec-06	1,500	940	22.0	2.9	2.6	3.5	67
Yes	34	Mar-07	1,200	760	65	1.9	3.7	1.6	59
Yes	35	Jun-07	2,900	1,000	67	3.2	14.0	7.5	49
No	36	Sep-07							
Yes	37	Dec-07	1,200	510	14	*< 0.5*	*< 0.5*	0.5	33
Yes	38	Mar-08	1,100	3,800	13	0.9	0.9	2.3	61
Yes	39	Jun-08	2,400	4,300	3.9	2.2	3	9.4	73
Yes	40	Sep-08	1,300	1,800	12	8.6	10	34.6	72
Yes	41	Dec-08	2,100	620	46	22	39	73	41
Yes	42	Mar-09	2,200	1,600	22	3	10	16	17
Yes	43	Sep-09	750	940	11	1	5	3	11
Yes	44	Sep-10	1,400	840	9	2.6	1.7	9.1	30
Yes	45	Apr-11	810	520	*<0.5*	*<0.5*	*<0.5*	*<0.5*	22

(table continued on next page; footnotes on final page)

Well Purged?	Sampling Event No.	Date Sampled	TVH-g	TEH-d	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
MW-3									
Yes	1	Aug-97	8,500	*< 1,000*	450	30	53	106	
Yes	2	Dec-97	5,200		180	6	5	9.3	
Yes	3	Mar-98	1,000		6	*< 0.5*	*< 0.5*	*< 0.5*	810
Yes	4	Jul-98	6,400		490	57	23	78	220
Yes	5	Oct-98	2,100		*< 5.0*	*< 5.0*	*< 5.0*	*< 5.0*	2,100
Yes	6	Jan-99	4,400		450	65	26	42	1,300
(a)	7	Jun-00	1,700		110	13	34	13	96
(a)	8	Dec-00	5,450		445	*< 7.5*	23.8	*< 7.5*	603
(a)	9	Feb-01							
(a)	10	May-01	1,900		180	12	*< 3.0*	19	330
(a)	11	Jul-01	10,000		830	160	150	260	560
Pre"hi-vac"	12	Oct 22-01	1,400		240	7.8	4.1	15	220
Post "hi-vac"	12	Oct 26-01	1,900		200	16	51	30	290
(a)	13	Dec-01	5,800		93	*< 20*	31	*< 20*	330
No	14	Mar-02	1,900		220	16	31	24	400
No	15	May-02	1,600		110	3.4	29	14	320
No	16	Jul-02	1,900		210	27	30	55	200
No	17	Oct. 2002	3,030		178	19	6.2	36	178
No	18	Jan-03	2,980		47	*< 5.0*	7.6	6.3	105
No	19	Mar-03	3,620		124	*< 0.32*	22	12	139
No	20	Aug-03	3,800	2,400	170	28	31	31	170
Yes	21	Dec-03	6,860	500	312	20	55	58	309
Yes	22	Mar-04	5,490	500	82	34	46	49	249
Yes	23	Jun-04	5,400	1,100	150	30	45	66	130
Yes	24	Sep-04	5,400	1,500	70	3.2	16	13	110
Yes	25	Dec-04	5,300	2,400	91	7.4	21	19	92
Yes	26	Mar-05	4,700	2,000	19	1.1	10	3.7	76
Yes	27	Jun-05	4,200	1,800	49	4.5	23	16	66
Yes	28	Sep-05	5,000	950	60	3.1	12	26	59
Yes	29	Dec-05	3,200	1,800	29	1.3	6.6	5.6	80
Yes	30	Mar-06	4,100	1,200	24	1.1	8.5	3.4	99
Yes	31	Jun-06	4,000	1,400	89.0	8.4	14.0	16.7	75
Yes	32	Sep-06	6,100	2,600	190	15.0	24.0	59.0	51
Yes	33	Dec-06	4,500	2,000	110	4.0	7.3	19.1	47
Yes	34	Mar-07	3,800	2,400	90	3.7	9.8	11.1	51
Yes	35	Jun-07	4,500	2,100	8.9	1.4	14.0	4.0	77
Yes	36	Sep-07	4,000		4.6	*< 0.5*	1.3	*< 0.5*	75
Yes	37	Dec-07	1,400	2,600	11.0	0.8	0.7	3.9	84
Yes	38	Mar-08	1,700	9,600	19.0	*<0.5*	*<0.5*	0.6	100
Yes	39	Jun-08	2,100	1,200	7.9	*<0.5*	*<0.5*	0.8	86
Yes	40	Sep-08	1,700	2,600	170	5	3	19	*<1.3*
Yes	41	Dec-08	4,300	1,100	180	6.7	12	27.3	*<1.3*
Yes	40	Sep-08	1,400	4,300	14.0	*<0.5*	0.7	1.5	75
Yes	41	Dec-08	1,700	4,100	79	1.6	5.2	10.6	47
Yes	42	Mar-09	1,100	5,100	41	0.6	2.4	3.0	44
Yes	43	Sep-09	1,100	1,700	23	*<0.5*	1.8	1.9	19
Yes	44	Sep-10	1,300	890	*<0.5*	*<0.5*	*<0.5*	*<0.5*	7.3
Yes	45	Apr-11	1,100	910	*<0.5*	*<0.5*	*<0.5*	*<0.5*	19.0

(table continued on next page; footnotes on final page)

Well Purged?	Sampling Event No.	Date Sampled	TVH-g	TEH-d	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
MW-4									
Yes	1	Aug-97	*< 500*	*< 1,000*	*< 0.5*	*< 0.5*	*< 0.5*	*< 1.5*	
Yes	2	Dec-97	ND		*ND*	*ND*	*ND*	*ND*	
Yes	3	Mar-98	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Yes	4	Jul-98	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Yes	5	Oct-98	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Yes	6	Jan-99	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
(a)	7	Jun-00	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
(a)	8	Dec-00	*< 500*		*< 0.3*	*< 0.3*	*< 0.6*	*< 0.3*	*< 0.3*
(a)	9	Feb-01							
(a)	10	May-01	*< 50*		1.2	*< 0.3*	0.55	1.2	2.9
(a)	11	Jul-01	*< 5.0*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Pre"hi-vac"	12	Oct 22-01	*< 5.0*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Post "hi-vac"	12	Oct 26-01	*< 5.0*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
(a)	13	Dec-01	*ND*		*ND*	*ND*	*ND*	*ND*	*ND*
No	14	Mar-02	*< 50*		*< 1*	*< 1*	*< 1*	*< 1*	*< 1*
No	15	May-02	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
No	16	Jul-02	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
No	17	Oct-02	*< 100*		*< 0.3*	*< 0.3*	*< 0.3*	*< 0.6*	*< 0.3*
No	18	Jan-03	*< 100*		*< 0.3*	*< 0.3*	*< 0.3*	*< 0.6*	14
No	19	Mar-03	*< 15*		*< 0.4*	*< 0.02*	*< 0.02*	*< 0.06*	5.2
No	20	Aug-03	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Yes	21	Dec-03	63		*< 0.3*	*< 0.3*	*< 0.3*	*< 0.6*	*< 5.0*
Yes	22	Mar-04	*< 50*		*< 0.3*	*< 0.3*	*< 0.3*	*< 0.6*	*< 5.0*
Yes	23	Jun-04	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	0.9
Yes	24	Sep-04	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	2.3
Yes	25	Dec-04	*< 50*						
Yes	26	Mar-05	*< 50*						
Yes	27	Jun-05	*< 50*						
Yes	28	Sep-05	*< 50*						
Yes	29	Dec-05	*< 50*						
Yes	30	Mar-06	*< 50*						
Yes	31	Jun-06	*< 50*						
Yes	32	Sep-06	*< 50*						
Yes	33	Dec-06	59						
Yes	34	Mar-07	*<50*						
Yes	35	Jun-07	57						
Yes	36	Sep-07	70						
Yes	37	Dec-07	90						
Yes	38	Mar-08	120						
Yes	39	Jun-08	190						
Yes	40	Sep-08	140						
Yes	41	Dec-08	130						
Yes	42	Mar-09	81						
Yes	43	Sep-09	*<50*						
Yes	44	Sep-10	160						
Yes	45	Apr-11	150						

(table continued on next page; footnotes on final page)

Well Purged?	Sampling Event No.	Date Sampled	TVH-g	TEH-d	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
MW-5									
(a)	9	Feb-01	5,660	[illegible]	76.9	21.1	47.3	312	*< 0.3*
(a)	10	May-01	22,000	[illegible]	2,600	480	220	2,700	*< 30*
(a)	11	Jul-01	72,000	[illegible]	3,500	1,100	4,300	22,000	2,500
Pre"hi-vac"	12	Oct 22-01	26,000	[illegible]	2,800	980	6,000	950	2,300
Post "hi-vac"	12	Oct 26-01	17,000	[illegible]	1,200	470	2,900	440	900
(a)	13	Dec-01	2,000	[illegible]	620	190	110	910	*< 20*
No	14	Mar-02	8,800	[illegible]	1,200	72	7.4	350	1,200
No	15	May-02	2,000	[illegible]	150	38	21	260	13
No	16	Jul-02	4,200	[illegible]	480	68	29	280	450
No	17	Oct-02	5,370	[illegible]	236	45	23	39	135
No	18	Jan-03	8,270	[illegible]	615	156	174	1,010	*< 10*
No	19	Mar-03	12,400	[illegible]	824	195	213	1,070	*< 0.18*
No	20	Aug-03	18,000	10,000	950	290	330	1,820	*< 2.0*
Yes	21	Dec-03	11,900	800	627	263	288	1,230	595
Yes	22	Mar-04	20,700	850	867	266	305	678	145
Yes	23	Jun-04	12,000	1,700	920	240	260	1,150	*< 3.1*
Yes	24	Sep-04	13,000	1,900	580	240	260	1,260	*< 4.2*
Yes	25	Dec-04	16,000	3,300	730	200	250	1,100	*< 4.2*
Yes	26	Mar-05	6,300	4,600	190	28	42	280	*< 1.7*
Yes	27	Jun-05	16,000	4,100	1,100	260	380	1,590	*< 7.1*
Yes	28	Sep-05	15,000	3,600	810	210	300	1,300	*< 1.3*
Yes	29	Dec-05	9,600	3,600	270	80	110	710	*< 1.7*
Yes	30	Mar-06	9,800	5,100	240	47	97	590	*< 2.0*
Yes	31	Jun-06	28,000	4,900	920.0	250.0	350.0	1,480	*< 2.0*
Yes	32	Sep-06	12,000	2,400	580	170	230	980	*< 3.6*
Yes	33	Dec-06	15,000	3,400	510	160	260	1,190	*<3.6*
Yes	34	Mar-07	20,000	4,600	910	230	360	1,560	*<3.6*
No	35	Jun-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
No	36	Sep-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
No	37	Dec-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
No	38	Mar-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
No	39	Jun-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
No	40	Sep-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Yes	41	Dec-08	32,000	34,000	400	90	64	640	*<6.3*
Yes	42	Mar-09	9,700	9,000	140	34	38	280	*<107*
Yes	43	Sep-09	210,000	44,000	730	160	270	2,000	*<10*
Yes	44	Sep-10	140,000	480,000	68	10.0	16	84.0	2.5
No	45	Apr-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

(table continued on next page; footnotes on final page)

Well Purged?	Sampling Event No.	Date Sampled	TVH-g	TEH-d	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
MW-6									
(a)	9	Feb-01	1,340		17	0.967	11.1	51.4	*< 0.3*
(a)	10	May-01	610		15	0.97	*< 0.5*	46	*< 0.5*
(a)	11	Jul-01	2,500		130	4.7	53	170	120
Pre"hi-vac"	12	Oct 22-01	280		18	1.2	6.2	4.7	6
Post "hi-vac"	12	Oct 26-01	3,600		210	20	170	62	120
(a)	13	Dec-01	5,300		69	5.6	14	17	*< 2.0*
No	14	Mar-02	71		54	4.2	27	17	8.5
No	15	May-02	150		9.3	*< 0.5*	*< 0.5*	*< 0.5*	1.5
No	16	Jul-02	2,200		98	32	46	150	66
No	17	Oct-02	786		48	5.0	2.2	44	16
No	18	Jan-03	497		6.8	*< 5.0*	*< 5.0*	11	*< 1.0*
No	19	Mar-03	258		5.4	*< 0.32*	3.3	*< 1.1*	*< 0.18*
No	20	Aug-03	1,600	2,800	37	4	23	58	*< 0.5*
Yes	21	Dec-03	365	200	2.5	3.8	1.4	6.1	*< 5.0*
Yes	22	Mar-04	215	140	4.0	1.2	1.4	1.4	3.7
Yes	23	Jun-04	710	830	14.0	0.7	5.2	6.6	*< 0.5*
Yes	24	Sep-04	350	600	*< 0.5*	2.4	*< 0.5*	*< 0.5*	*< 0.5*
Yes	25	Dec-04	280	1,100	4.9	*< 0.5*	1.4	4.4	*< 0.5*
Yes	26	Mar-05	300	980	5.4	*< 0.5*	3.3	2.3	*< 0.5*
Yes	27	Jun-05	150	1,100	*< 0.5*	*< 0.5*	*< 0.5*	*0.77*	28
Yes	28	Sep-05	680	200	13	0.9	6.6	13	*< 0.5*
Yes	29	Dec-05	240	890	3.6	*< 0.5*	0.7	2.4	0.5
Yes	30	Mar-06	530	950	8.3	*< 0.5*	4.0	2.1	0.6
Yes	31	Jun-06	460	1,300	8.3	*< 0.5*	1.4	2.6	*< 0.5*
Yes	32	Sep-06	530	730	10.0	0.8	4.1	7.5	*< 0.5*
Yes	33	Dec-06	500	750	7.5	*< 0.5*	2.6	2.5	*< 0.5*
Yes	34	Mar-07	430	530	7.1	*< 0.5*	1.7	0.8	*< 0.5*
No	35	Jun-07							
No	36	Sep-07							
No	37	Dec-07							
No	38	Mar-08							
No	39	Jun-08							
No	40	Sep-08							
Yes	41	Dec-08	810	810	2.6	*<0.5*	0.8	3.1	1.1
Yes	42	Mar-09	740	3,300	14.0	*<0.5*	1.6	8.6	2.6
Yes	43	Sep-09	340	1,600	2.7	*<0.5*	0.9	1.2	1.3
No	44	Sep-10							
No	45	Apr-11							

(table continued on next page; footnotes on final page)

Well Purged?	Sampling Event No.	Date Sampled	TVH-g	TEH-d	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
MW-7									
(a)	9	Feb-01	*ND*		*ND*	*ND*	*ND*	*ND*	*ND*
(a)	10	May-01	*< 50*		0.75	0.77	0.48	2.4	1.1
(a)	11	Jul-01	*< 5.0*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Pre"hi-vac"	12	Oct 22-01	*< 5.0*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Post "hi-vac"	12	Oct 26-01	6,000		170	550	110	120	970
(a)	13	Dec-01	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	43
No	14	Mar-02	*< 50*		*< 1.0*	*< 1.0*	*< 1.0*	*< 1.0*	*< 1.0*
No	15	May-02	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
No	16	Jul-02	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
No	17	Oct-02	*< 100*		*< 0.3*	*< 0.3*	*< 0.3*	*< 0.6*	*< 5.0*
No	18	Jan-03							
No	19	Mar-03	*< 15*		*< 0.04*	*< 0.02*	*< 0.02*	*< 0.06*	*< 0.03*
No	20	Aug-03	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Yes	21	Dec-03	*< 50*		*< 0.3*	*< 0.3*	*< 0.3*	*< 0.6*	*< 5.0*
Yes	22	Mar-04	86		*< 0.3*	*< 0.3*	*< 0.3*	*< 0.6*	57
Yes	23	Jun-04	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Yes	24	Sep-04	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Yes	25	Dec-04	*< 50*						
Yes	26	Mar-05	*< 50*						
Yes	27	Jun-05	*< 50*						
Yes	28	Sep-05	*< 50*						
Yes	29	Dec-05	*< 50*						
Yes	30	Mar-06	*< 50*						
Yes	31	Jun-06	*< 50*						
Yes	32	Sep-06	*< 50*						
Yes	33	Dec-06	*< 50*						
Yes	34	Mar-07	*< 50*						
No	35	Jun-07							
No	36	Sep-07							
No	37	Dec-07							
No	38	Mar-08							
No	39	Jun-08							
No	40	Sep-08							
Yes	41	Dec-08	*<50*						
Yes	42	Mar-09	*<50*						
Yes	43	Sep-09	*<50*						
No	44	Sep-10							
No	45	Apr-11							

(table continued on next page; footnotes on final page)

Well Purged?	Sampling Event No.	Date Sampled	TVH-g	TEH-d	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
MW-8									
(a)	9	Feb-01	1,000		3.97	< 0.3	3.78	1.63	620
(a)	10	May-01	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	4.4
(a)	11	Jul-01	*< 5.0*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Pre"hi-vac"	12	Oct 22-01	*< 5.0*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
Post "hi-vac"	12	Oct 26-01	*< 5.0*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
(a)	13	Dec-01	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
No	14	Mar-02	*< 50*		*< 1.0*	*< 1.0*	*< 1.0*	*< 1.0*	*< 1.0*
No	15	May-02	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
No	16	Jul-02	*< 50*		*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*
No	17	Oct-02	458		1.7	*< 0.3*	*< 0.3*	*< 0.6*	233
No	18	Jan-03	*< 100*		*< 0.3*	*< 0.3*	*< 0.3*	*< 0.6*	*< 5.0*
No	19	Mar-03	*< 15*		*< 0.22*	*< 0.32*	*< 0.31*	*< 0.4*	*< 0.18*
No	20	Aug-03	190	*< 50*	*< 0.5*	*< 0.5*	*< 0.5*	0.6	*< 0.5*
Yes	21	Dec-03	163	*< 100*	*< 0.3*	*< 0.3*	*< 0.3*	< 0.6	66
Yes	22	Mar-04	412	*< 100*	*1.2*	*< 0.3*	1.7	3.9	66
Yes	23	Jun-04	320	68	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	120
Yes	24	Sep-04	280	2600	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	120
Yes	25	Dec-04	270	84	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	94
Yes	26	Mar-05	270	120	*< 0.5*	*< 0.5*	*< 0.5*	*< 1.0*	66
Yes	27	Jun-05	510	63	6.8	*< 0.5*	2.4	5.3	*< 0.5*
Yes	28	Sep-05	520	*< 50*	*< 0.5*	*< 0.5*	*< 0.5*	*< 1.0*	65
Yes	29	Dec-05	65	57	*< 0.5*	*< 0.5*	*< 0.5*	*< 1.0*	29
Yes	30	Mar-06	140	120	*< 0.5*	*< 0.5*	*< 0.5*	*0.6*	24
Yes	31	Jun-06	710	170	*< 0.5*	*< 0.5*	*< 0.5*	*< 1.0*	81
Yes	32	Sep-06	330	260	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	44
Yes	33	Dec-06	63	*< 50*	*< 0.5*	*< 0.5*	*< 0.5*	*< 0.5*	21
Yes	34	Mar-07	250	130	*< 0.5*	*< 0.5*	*< 0.5*	0.5	5
No	35	Jun-07	320	150	*5.2*	*<0.5*	*<0.5*	0.7	89
No	36	Sep-07							
No	37	Dec-07							
No	38	Mar-08							
No	39	Jun-08							
No	40	Sep-08							
Yes	41	Dec-08	350	280	*<0.5*	*<0.5*	*<0.5*	*<0.5*	22
Yes	42	Mar-09	110	1,000	*<0.5*	*<0.5*	*<0.5*	*<0.5*	5.2
Yes	43	Sep-09	190	1,300	*<0.5*	*<0.5*	*<0.5*	*<0.5*	5.7
No	44	Sep-10							
No	45	Apr-11							

Notes:

"No Purge" means no purging was conducted before the groundwater sample was collected.

TVH-g = Total Volatile Hydrocarbons - gasoline range. TEH-d =Total Extractable Hydrocarbons - diesel range.

NA = Not analyzed for this constituent in this event.

ND = Not Detected (method reporting limit not specified in the information available to SES)

NS = Well not sampled

Table D-1
Historical Water Levels in Monitoring Wells
240 W. MacArthur Boulevard, Oakland, Alameda, California

Well I.D.	Sampling Event No.	Date Measured	Water Level Depth (a)	Water Level Elevation (b)
MW-1	1	Aug-97	16.83	62.32
	2	Dec-97	NA	NA
	3	Mar-98	13.58	65.57
	4	Jul-98	15.55	63.60
	5	Oct-98	15.70	63.45
	6	Jan-99	15.21	63.94
	7	Jun-00	15.41	63.74
	8	Dec-00	NA	NA
	9	Feb-01	NA	NA
	10	May-01	15.57	63.58
	11	Jul-01	16.42	62.73
	12	Oct-01	16.82	62.33
	13	Dec-01	15.08	64.07
	14	Mar-02	14.53	64.62
	15	May-02	NA	NA
	16	Jul-02	16.39	62.76
	17	Oct-02	17.03	62.12
	18	Jan-03	14.91	64.24
	19	Mar-03	15.26	63.89
	20	Aug-03	16.24	62.91
	21	Dec-03	16.90	62.25
	22	Mar-04	14.33	64.82
	23	Jun-04	16.28	62.87
	24	Sep-04	17.03	62.12
	25	Dec-04	16.38	62.77
	26	Mar-05	14.30	64.85
	27	Jun-05	15.53	63.82
	28	Sep-05	16.42	62.73
	29	Dec-05	15.67	63.48
	30	Mar-06	12.75	66.40
	31	Jun-06	14.60	64.55
	32	Sep-06	16.52	62.63
	33	Dec-06	15.89	63.26
	34	Mar-07	15.50	63.65
	35	Jun-07	20.90	58.25
	36	Sep-07	23.30	55.85
	37	Dec-07	22.51	56.64
	38	Mar-08	20.70	58.45
	39	Jun-08	NM	Dry
	40	Sep-08	22.20	56.95
	41	Dec-08	17.90	61.25
	42	Mar-09	14.93	64.22
	43	Sep-09	15.70	63.45
	44	Sep-10	23.36	55.79
	45	Apr-11	20.61	57.54

Notes:

(a) Feet below well topof casing.

(b) Relative to mean sea level.

NA = Data Not Available

NM = Not Measurable

Data prior to August 2003 are likely not valid as well elevations were not surveyed.

Table D-1 (continued)

Well I.D.	Sampling Event No.	Date Measured	Water Level Depth (a)	Water Level Elevation (b)
	1	Aug-97	16.32	62.13
	2	Dec-97	NA	NA
	3	Mar-98	13.05	64.95
	4	Jul-98	14.95	63.50
	5	Oct-98	15.09	63.36
	6	Jan-99	14.61	63.84
	7	Jun-00	14.80	63.65
	8	Dec-00	NA	NA
	9	Feb-01	NA	NA
MW-2	10	May-01	14.98	63.47
	11	Jul-01	15.86	62.59
	12	Oct-01	16.69	61.76
	13	Dec-01	13.49	64.96
	14	Mar-02	13.07	65.38
	15	May-02	NA	NA
	16	Jul-02	15.86	62.59
	17	Oct-02	16.54	61.91
	18	Jan-03	14.37	64.08
	19	Mar-03	14.74	63.71
	20	Aug-03	15.75	62.70
	21	Dec-03	16.11	62.34
	22	Mar-04	13.83	64.82
	23	Jun-04	15.76	62.69
	24	Sep-04	16.48	61.97
	25	Dec-04	15.74	62.71
	26	Mar-05	13.48	64.97
	27	Jun-05	14.48	63.97
	28	Sep-05	16.00	62.45
	29	Dec-05	14.88	63.57
	30	Mar-06	12.20	66.25
	31	Jun-06	14.15	64.30
	32	Sep-06	16.00	62.45
	33	Dec-06	15.19	63.26
	34	Mar-07	14.78	63.67
	35	Jun-07	20.60	57.85
	36	Sep-07	23.80	54.65
	37	Dec-07	22.36	56.09
	38	Mar-08	20.15	58.30
	39	Jun-08	20.60	57.85
	40	Sep-08	22.23	56.52
	41	Dec-08	17.94	60.51
	42	Mar-09	14.45	64.00
	43	Sep-09	15.90	62.55
	44	Sep-10	23.51	54.94
	45	Apr-11	20.64	57.81

Notes:

(a) Feet below well topof casing.

(b) Relative to mean sea level.

NA = Data Not Available

Data prior to August 2003 are likely not valid as well elevations were not surveyed.

Table D-1 (continued)

Well I.D.	Sampling Event No.	Date Measured	Water Level Depth (a)	Water Level Elevation (b)
MW-3	1	Aug-97	15.36	62.22
	2	Dec-97	NA	NA
	3	Mar-98	12.18	65.40
	4	Jul-98	14.08	63.50
	5	Oct-98	14.24	63.34
	6	Jan-99	13.74	63.84
	7	Jun-00	13.94	63.64
	8	Dec-00	NA	NA
	9	Feb-01	NA	NA
	10	May-01	14.08	63.50
	11	Jul-01	14.99	62.59
	12	Oct-01	16.26	61.32
	13	Dec-01	13.62	63.96
	14	Mar-02	13.19	64.39
	15	May-02	NA	NA
	16	Jul-02	14.97	62.61
	17	Oct. 2002	15.44	62.14
	18	Jan-03	13.49	64.09
	19	Mar-03	13.83	63.75
	20	Aug-03	14.90	62.68
	21	Dec-03	15.10	62.48
	22	Mar-04	12.93	64.65
	23	Jun-04	14.90	62.68
	24	Sep-04	15.61	61.97
	25	Dec-04	14.77	62.81
	26	Mar-05	12.60	64.98
	27	Jun-05	13.73	63.85
	28	Sep-05	15.14	62.44
	29	Dec-05	13.94	63.64
	30	Mar-06	11.25	66.33
	31	Jun-06	13.27	64.31
	32	Sep-06	15.12	62.46
	33	Dec-06	14.34	63.24
	34	Mar-07	13.96	63.62
	35	Jun-07	19.60	57.98
	36	Sep-07	22.90	54.68
	37	Dec-07	21.45	56.13
	38	Mar-08	19.20	58.38
	39	Jun-08	18.80	58.78
	40	Sep-08	21.97	55.61
	41	Dec-08	16.74	60.84
	42	Mar-09	13.68	63.90
	43	Sep-09	15.10	62.48
	44	Sep-10	22.53	55.05
	45	Apr-11	19.80	57.78

Notes:

(a) Feet below well topof casing. (b) Relative to mean sea level.

NA = Data Not Available

Data prior to August 2003 are likely not valid as well elevations were not surveyed.

Table D-1 (continued)

Well I.D.	Sampling Event No.	Date Measured	Water Level Depth (a)	Water Level Elevation (b)
MW-4	1	Aug-97	NA	NA
	2	Dec-97	NA	NA
	3	Mar-98	11.87	65.87
	4	Jul-98	13.90	63.84
	5	Oct-98	14.10	63.64
	6	Jan-99	13.56	64.18
	7	Jun-00	13.75	63.99
	8	Dec-00	NA	NA
	9	Feb-01	NA	NA
	10	May-01	13.65	64.09
	11	Jul-01	14.87	62.87
	12	Oct-01	15.78	61.96
	13	Dec-01	13.54	64.20
	14	Mar-02	13.02	64.72
	15	May-02	NA	NA
	16	Jul-02	14.81	62.93
	17	Oct-02	15.56	62.18
	18	Jan-03	13.39	64.35
	19	Mar-03	13.75	63.99
	20	Aug-03	14.75	62.99
	21	Dec-03	15.11	62.63
	22	Mar-04	12.78	64.96
	23	Jun-04	14.68	63.06
	24	Sep-04	15.17	62.57
	25	Dec-04	14.90	62.84
	26	Mar-05	12.57	65.17
	27	Jun-05	13.43	64.31
	28	Sep-05	15.13	62.61
	29	Dec-05	13.83	63.91
	30	Mar-06	10.90	66.84
	31	Jun-06	13.02	64.72
	32	Sep-06	15.16	62.58
	33	Dec-06	14.35	63.39
	34	Mar-07	13.85	63.89
	35	Jun-07	18.41	59.33
	36	Sep-07	19.36	58.38
	37	Dec-07	19.13	58.61
	38	Mar-08	17.91	59.83
	39	Jun-08	18.23	59.51
	40	Sep-08	19.89	57.85
	41	Dec-08	16.41	61.33
	42	Mar-09	13.30	64.44
	43	Sep-09	14.88	62.86
	44	Sep-10	19.63	58.11
	45	Apr-11	17.90	59.84

Notes:

(a) Feet below well top of casing. (b) Relative to mean sea level.

NA = Data Not Available

Data prior to August 2003 are likely not valid as well elevations were not surveyed.

Table D-1 (continued)

Well I.D.	Sampling Event No.	Date Measured	Water Level Depth (a)	Water Level Elevation (b)
MW-5	9	Feb-01	NA	NA
	10	May-01	15.65	63.71
	11	Jul-01	16.50	62.86
	12	Oct-01	17.46	61.90
	13	Dec-01	15.28	64.08
	14	Mar-02	14.62	64.74
	15	May-02	NA	NA
	16	Jul-02	16.46	62.90
	17	Oct-02	17.18	62.18
	18	Jan-03	14.99	64.37
	19	Mar-03	15.33	64.03
	20	Aug-03	16.34	63.02
	21	Dec-03	16.90	62.46
	22	Mar-04	14.44	64.92
	23	Jun-04	16.43	62.93
	24	Sep-04	17.07	62.29
	25	Dec-04	16.59	62.77
	26	Mar-05	14.08	65.28
	27	Jun-05	15.33	64.03
	28	Sep-05	16.61	62.75
	29	Dec-05	15.81	63.55
	30	Mar-06	12.75	66.61
	31	Jun-06	14.65	64.71
	32	Sep-06	16.66	62.70
	33	Dec-06	16.10	63.26
	34	Mar-07	15.22	64.14
	35	Jun-07	19.29	60.07
	36	Sep-07	NM	Dry
	37	Dec-07	NM	Dry
	38	Mar-08	NM	Dry
	39	Jun-08	NM	Dry
	40	Sep-08	NM	Dry
	41	Dec-08	17.81	61.55
	42	Mar-09	15.02	64.34
	43	Sep-09	16.50	62.86 (c)
	44	Sep-10	19.23	60.13
	45	Apr-11	NM	Dry

Notes:

(a) Feet below well topof casing.

(b) Relative to mean sea level.

(c) 0.20 feet of LNPL measured

NA = Data Not Available

NM = Not Measurable

Data prior to August 2003 are likely not valid as well elevations were not surveyed.

Table D-1 (continued)

Well I.D.	Sampling Event No.	Date Measured	Water Level Depth (a)	Water Level Elevation (b)
MW-6	9	Feb-01	NA	NA
	10	May-01	15.54	62.89
	11	Jul-01	15.56	62.87
	12	Oct-01	16.41	62.02
	13	Dec-01	14.37	64.06
	14	Mar-02	13.75	64.68
	15	May-02	NA	NA
	16	Jul-02	15.55	62.88
	17	Oct-02	16.24	62.19
	18	Jan-03	14.17	64.26
	19	Mar-03	14.52	63.91
	20	Aug-03	15.50	62.93
	21	Dec-03	16.19	62.24
	22	Mar-04	13.51	64.92
	23	Jun-04	15.42	63.01
	24	Sep-04	16.13	62.30
	25	Dec-04	15.40	63.03
	26	Mar-05	13.28	65.15
	27	Jun-05	14.14	64.29
	28	Sep-05	15.61	62.82
	29	Dec-05	14.90	63.53
	30	Mar-06	11.85	66.58
	31	Jun-06	13.73	64.70
	32	Sep-06	15.71	62.72
	33	Dec-06	15.15	63.28
	34	Mar-07	14.58	63.85
	35	Jun-07	19.40	59.03
	36	Sep-07	20.00	Dry
	37	Dec-07	NM	Dry
	38	Mar-08	NM	Dry
	39	Jun-08	NM	Dry
	40	Sep-08	NM	Dry
	41	Dec-08	16.91	61.52
	42	Mar-09	14.32	64.11
	43	Sep-09	15.55	62.88
	44	Sep-10	19.23	60.13
	45	Apr-11	NM	Dry

Notes:

(a) Feet below well top of casing. (b) Relative to mean sea level.

NA = Data Not Available NM = Not Measurable

Data prior to August 2003 are likely not valid as well elevations were not surveyed.

Table D-1 (continued)

Well I.D.	Sampling Event No.	Date Measured	Water Level Depth (a)	Water Level Elevation (b)
MW-7	9	Feb-01	NA	NA
	10	May-01	15.04	62.23
	11	Jul-01	15.69	62.58
	12	Oct-01	16.59	61.68
	13	Dec-01	14.30	63.97
	14	Mar-02	13.87	64.40
	15	May-02	NA	NA
	16	Jul-02	15.72	62.55
	17	Oct-02	16.36	61.91
	18	Jan-03	14.22	64.05
	19	Mar-03	14.57	63.70
	20	Aug-03	15.61	62.66
	21	Dec-03	16.04	62.23
	22	Mar-04	13.57	64.70
	23	Jun-04	15.63	62.64
	24	Sep-04	16.33	61.94
	25	Dec-04	15.70	62.57
	26	Mar-05	13.42	64.85
	27	Jun-05	14.53	63.74
	28	Sep-05	15.81	62.46
	29	Dec-05	14.88	63.39
	30	Mar-06	13.00	65.27
	31	Jun-06	13.98	64.29
	32	Sep-06	15.82	62.45
	33	Dec-06	15.12	63.15
	34	Mar-07	14.66	63.61
	35	Jun-07	19.18	59.09
	36	Sep-07	19.96	Dry
	37	Dec-07	NM	Dry
	38	Mar-08	NM	Dry
	39	Jun-08	NM	Dry
	40	Sep-08	NM	Dry
	41	Dec-08	17.25	61.02
	42	Mar-09	14.30	63.97
	43	Sep-09	15.71	62.56
	44	Sep-10	19.52	58.75
	45	Apr-11	NM	Dry

Notes:

(a) Feet below well topof casing. (b) Relative to mean sea level.

NA = Data Not Available NM = Not Measurable

Data prior to August 2003 are likely not valid as well elevations were not surveyed.

Table D-1 (continued)

Well I.D.	Sampling Event No.	Date Measured	Water Level Depth (a)	Water Level Elevation (b)
MW-8	10	May-01	12.75	63.64
	11	Jul-01	13.84	62.55
	12	Oct-01	14.65	61.74
	13	Dec-01	12.39	64.00
	14	Mar-02	11.89	64.50
	15	May-02	NA	NA
	16	Jul-02	13.96	62.43
	17	Oct-02	14.48	61.91
	18	Jan-03	12.49	63.90
	19	Mar-03	12.85	63.54
	20	Aug-03	13.75	62.65
	21	Dec-03	14.50	61.89
	22	Mar-04	11.78	64.61
	23	Jun-04	13.71	62.68
	24	Sep-04	14.43	61.96
	25	Dec-04	13.64	62.75
	26	Mar-05	11.52	64.87
	27	Jun-05	12.50	63.89
	28	Sep-05	13.90	62.49
	29	Dec-05	12.75	63.64
	30	Mar-06	10.80	65.59
	31	Jun-06	12.10	64.29
	32	Sep-06	13.93	62.46
	33	Dec-06	13.12	63.27
	34	Mar-07	12.76	63.63
	35	Jun-07	18.40	Dry
	36	Sep-07	19.12	Dry
	37	Dec-07	NM	Dry
	38	Mar-08	NM	Dry
	39	Jun-08	NM	Dry
	40	Sep-08	NM	Dry
	41	Dec-08	17.21	59.18
	42	Mar-09	12.60	63.79
	43	Sep-09	13.95	62.44
	44	Sep-10	19.29	57.10
	45	Apr-11	NM	Dry

Notes:

(a) Feet below well topof casing. (b) Relative to mean sea level.

NA = Data Not Available NM = Not Measurable

Data prior to August 2003 are likely not valid as well elevations were not surveyed.