

Atlantic Richfield Company

Shannon Couch
Operations Project Manager

RECEIVED

2:55 pm, Nov 01, 2011

Alameda County
Environmental Health

PO Box 1257
San Ramon, CA 94583
Phone: (925) 275-3804
Fax: (925) 275-3815
E-Mail: shannon.couch@bp.com

October 31, 2011

Re: Third Quarter 2011 Monitoring Report
Atlantic Richfield Company Service Station #601
712 Lewelling Boulevard, San Leandro, California
ACEH Case #RO0000309

"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct.

Submitted by,



Shannon Couch
Operations Project Manager

Attachment

Broadbent & Associates, Inc.
875 Cotting Ln., Suite G
Vacaville, CA 95688
(707) 455-7290 Tel
(707) 455-7295 Fax



October 31, 2011

Project No. 06-88-605

Atlantic Richfield Company
P.O. Box 1257
San Ramon, CA 94583
Submitted via ENFOS

Attn.: Ms. Shannon Couch

Re: Third Quarter 2011 Monitoring Report, Atlantic Richfield Company Station #601,
712 Lewelling Boulevard, San Leandro, Alameda County, California;
ACEH Case #RO0000309

Dear Ms. Couch:

Attached is the *Third Quarter 2011 Monitoring Report* for Atlantic Richfield Company Station #601 located at 712 Lewelling Boulevard, San Leandro, California (Site). Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (707) 455-7290.

Sincerely,
BROADBENT & ASSOCIATES, INC.


James C. Ramos, E.I.T.
Staff Engineer


Thomas A. Sparrowe, P.G. #5065
Senior Geologist



enclosures

cc: Mr. Paresh Khatri, Alameda County Environmental Health (submitted via ACEH ftp site)
Mr. Karl Busche, City of San Leandro (Submitted via GeoTracker)
Electronic copy uploaded to GeoTracker

**THIRD QUARTER 2011
MONITORING REPORT
ATLANTIC RICHFIELD COMPANY STATION #601
SAN LEANDRO, CALIFORNIA**

Broadbent & Associates, Inc. (BAI) is pleased to present this *Third Quarter 2011 Monitoring Report* on behalf of Atlantic Richfield Company (a BP affiliated company) for Station #601 located in San Leandro, Alameda County, California. Monitoring activities at the site were performed in accordance with the reporting requirements issued by the Alameda County Environmental Health (ACEH). Details of work performed, discussion of results, and recommendations are provided below.

Facility Name / Address:	Station #601 / 712 Lewelling Boulevard, San Leandro, California
Client Project Manager / Title:	Ms. Shannon Couch / Operations Project Manager
BAI Contact:	Tom Sparrowe, P.G., (707) 455-7290
BAI Project No.:	06-88-605
Primary Regulatory Agency / ID No.:	ACEH / Case #RO0000309
Current phase of project:	Monitoring
List of Acronyms / Abbreviations:	See end of report text for list of acronyms/abbreviations used in report.

WORK PERFORMED THIS QUARTER (Third Quarter 2011):

1. Submitted *Second Quarter 2011 Status Report* on July 29, 2011.
2. BAI conducted Third Quarter groundwater sampling/monitoring on August, 25, 2011. Station #601 work coordinated with Former Shell Station #129460 monitoring event.

WORK SCHEDULED FOR NEXT QUARTER (Fourth Quarter 2011):

1. Submit *Third Quarter 2011 Groundwater Monitoring Report* (contained herein).
2. No environmental work is scheduled for 4Q11.

GROUNDWATER MONITORING PLAN SUMMARY:

Groundwater level gauging:	MW-1 through MW-3 and MW-8 through MW-19	(1Q & 3Q)
Groundwater sample collection:	MW-1, MW-3, MW-10, MW-16, MW-17, and MW-18 MW-2, MW-8, MW-9, MW-14, MW-15, and MW-19	(1Q & 3Q) (3Q)
Biodegradation indicator parameter monitoring:	None	

QUARTERLY RESULTS SUMMARY:

LNAPL

LNAPL observed this quarter:	No	(yes/no)
LNAPL recovered this quarter:	N/A	(gal)
Cumulative LNAPL recovered:	N/A	(gal)

Groundwater Elevation and Gradient:

Depth to groundwater:	5.96 ft (MW-3) to 9.43 ft (MW-14)	(ft below TOC)
Gradient direction:	Southwest	(compass direction)
Gradient magnitude:	0.003	(ft/ft)
Average change in elevation:	-0.39	(ft since last measurement)

Laboratory Analytical Data

Summary:	GRO was detected above reporting limits in wells MW-1, MW-2, MW-3, MW-16, MW-17, and MW-18. Benzene was detected above reporting limits in wells MW-1, MW-16, MW-17, and MW-18. MTBE was detected above reporting limits in wells MW-8, MW-9, MW-10, MW-15, MW-17, and MW-18.
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ACTIVITIES CONDUCTED & RESULTS:

Third Quarter 2011 groundwater monitoring was conducted on August 25, 2011 by BAI personnel in accordance with the monitoring plan summary detailed above. Concurrent monitoring and sampling was also conducted at the nearby Former Shell Service Station #129460 by Conestoga Rover & Associates. No irregularities were noted during water level gauging. Light Non-Aqueous Phase Liquid (LNAPL) was not noted to be present in the wells monitored during this event; however, a light sheen was observed in wells MW-1 and MW-3. Depth to water measurements ranged from 5.96 ft at MW-3 to 9.43 ft at MW-14. Resulting groundwater surface elevations ranged from 15.65 ft at MW-15 to 19.08 ft at MW-19. Groundwater elevations are summarized in Table 1. Water level elevations yielded a potentiometric groundwater gradient to the southwest at approximately 0.003 ft/ft. Water level elevations from the Former Shell Station #129460 are based on a survey referencing the older National Geodetic Vertical Datum of 1929 (NGVD29) and could not be used with the Station #601 water level elevations which reference the newer North American Vertical Datum of 1988 (NAVD88, the vertical datum preferred by AB2886 for use in GeoTracker). Field methods used during groundwater monitoring are provided in Appendix A. Field data sheets and Non-Hazardous Waste Data Form are included in Appendix B. A Site Location Map is presented as Drawing 1. Potentiometric groundwater elevation contours are presented in Drawing 2.

Groundwater samples collected on August 25, 2011 were consistent with the current monitoring schedule. No irregularities were reported during sampling. Samples were submitted under chain-of-custody protocol to Calscience Environmental Laboratories, Inc. of Garden Grove, California for analysis of Gasoline-Range Organics (GRO, C6-C12) by EPA Method 8015M; for Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX), Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), Tert-Amyl Methyl Ether (TAME), Di-Isopropyl Ether (DIPE), 1,2-Dibromomethane (EDB), 1,2-Dichloroethane (1,2-DCA), Tert-Butyl Alcohol (TBA) and Ethanol by EPA Method 8260. Sample MW-1 was also analyzed for Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270. No significant irregularities were encountered during analysis of the samples. The laboratory analytical report, including chain-of-custody documentation, is provided in Appendix C. Co-monitored analytic data from the Former Shell Station #129460 are included in Appendix D.

Hydrocarbons in the GRO range were detected above the laboratory reporting limit in six wells sampled at concentrations up to 20,000 micrograms per liter ($\mu\text{g/L}$) in well MW-3. Benzene was detected above the laboratory reporting limit in four wells sampled at concentrations up to 140 $\mu\text{g/L}$ in well MW-17. Toluene was only detected above the laboratory reporting limit in MW-16 at a concentration of 17 $\mu\text{g/L}$. Ethylbenzene was detected above the laboratory reporting limit in six wells at concentrations up to 850 $\mu\text{g/L}$ in well MW-3. Total Xylenes were detected above the laboratory reporting limit in four wells sampled at concentrations up to 1600 $\mu\text{g/L}$ in well MW-3. MTBE was detected above the laboratory reporting limit in five wells sampled at concentrations up to 4.9 $\mu\text{g/L}$ in well MW-18. TAME was detected above the laboratory reporting limit in one well sampled at a concentration of 4.8 $\mu\text{g/L}$ in well MW-18. SVOCs consisting of Bis(2-Ethylhexyl) Phthalate, 1-Methylnaphthalene, 2-Methylnaphthalene and Naphthalene were detected above the laboratory reporting limit in MW-1 at concentrations of 64 $\mu\text{g/L}$, 370 $\mu\text{g/L}$, 230 $\mu\text{g/L}$ and 80 $\mu\text{g/L}$, respectively. The remaining analytes were not detected above their laboratory reporting limits in the wells sampled this last monitoring event. Groundwater monitoring laboratory analytical results are summarized in Table 1 and Table 2. The most recent GRO, Benzene, and MTBE concentrations are also presented in Drawing 2. Groundwater monitoring data (GEO_WELL) and laboratory analytical results (EDF) were uploaded to the GeoTracker AB2886 database. Upload confirmation receipts are provided in Appendix E.

DISCUSSION:

Groundwater levels were between historic minimum and maximum elevations for all wells with the exception of MW-19. MW-19 reached a historic maximum groundwater elevation of 19.08 ft. This observed historic maximum is probably due to seasonal changes in groundwater elevations. Groundwater elevations yielded a potentiometric groundwater gradient to the southwest at approximately 0.003 ft/ft, generally consistent with the historic gradient data presented in Table 3.

This event's detected analytical concentrations were within the historic minimum and maximum ranges recorded for each well, with the following exceptions: MW-8 had a historic minimum concentration of MTBE at 0.52 µg/L and MW-16 had historic maximum concentrations of Toluene (17 µg/L) and Total Xylenes (48 µg/L). Recent and historic laboratory analytical results are summarized in Table 1 and Table 2.

RECOMMENDATIONS:

No environmental work activities are scheduled to be conducted at the Site during the Fourth Quarter 2011. The next quarterly monitoring event is scheduled for the First Quarter 2012. Unless directed by ACEH, no change to the monitoring program at Station #601 is presently deemed warranted or recommended.

LIMITATIONS:

The findings presented in this report are based upon observations of field personnel, points investigated, results of laboratory tests performed by Calscience Environmental Laboratories, Inc. (Garden Grove, California), and our understanding of ACEH requirements. Our services were performed in accordance with the generally accepted standard of practice at the time this report was written. No other warranty, expressed or implied was made. This report has been prepared for the exclusive use of the Atlantic Richfield Company. It is possible that variations in soil or groundwater conditions could exist beyond points explored in this investigation. Also, changes in site conditions could occur in the future due to variations in rainfall, temperature, regional water usage, or other factors.

ATTACHMENTS:

- Drawing 1: Site Location Map, Station #601, 712 Lewelling Boulevard, San Leandro, California
- Drawing 2: Groundwater Elevation Contours and Analytical Summary Map, August 25, 2011
- Drawing 3: GRO Isoconcentration Contour Map
- Drawing 4: Benzene Isoconcentration Contour Map
- Drawing 5: MTBE Isoconcentration Contour Map

- Table 1: Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses
- Table 2: Summary of Fuel Additives Analytical Data
- Table 3: Historic Groundwater Gradient – Direction and Magnitude

- Appendix A: Field Methods
- Appendix B: Field Data Sheets and Non-Hazardous Waste Data Form
- Appendix C: Laboratory Report and Chain-of-Custody Documentation
- Appendix D: Co-Monitoring Data - Former Shell Station #129460
- Appendix E: GeoTracker Upload Confirmation Receipts

LIST OF COMMONLY USED ACCRONYMS/ABBREVIATIONS:

ACEH	Alameda County Environmental Health	GRO:	Gasoline Range Organics (C6-12)
ARC:	Atlantic Richfield Company	LNAPL:	Light Non-Aqueous Phase Liquid
BAI:	Broadbent & Associates, Inc.	MTBE:	Methyl Tertiary Butyl Ether
BTEX:	Benzene, Toluene, Ethylbenzene, Total Xylenes	SVOCs	Semi-Volatile Organic Compounds
1,2-DCA:	1,2-Dichloroethane	TAME:	Tert-Amyl Methyl Ether
DIPE:	Di-Isopropyl Ether	TBA:	Tert-Butyl Alcohol
EDB:	1,2-Dibromomethane	TOC:	Top of Casing
ft/ft:	feet per foot	µg/L:	Micrograms Per Liter
gal:	gallons		

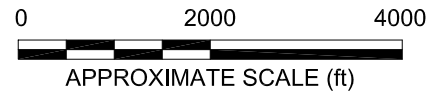
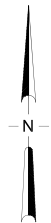
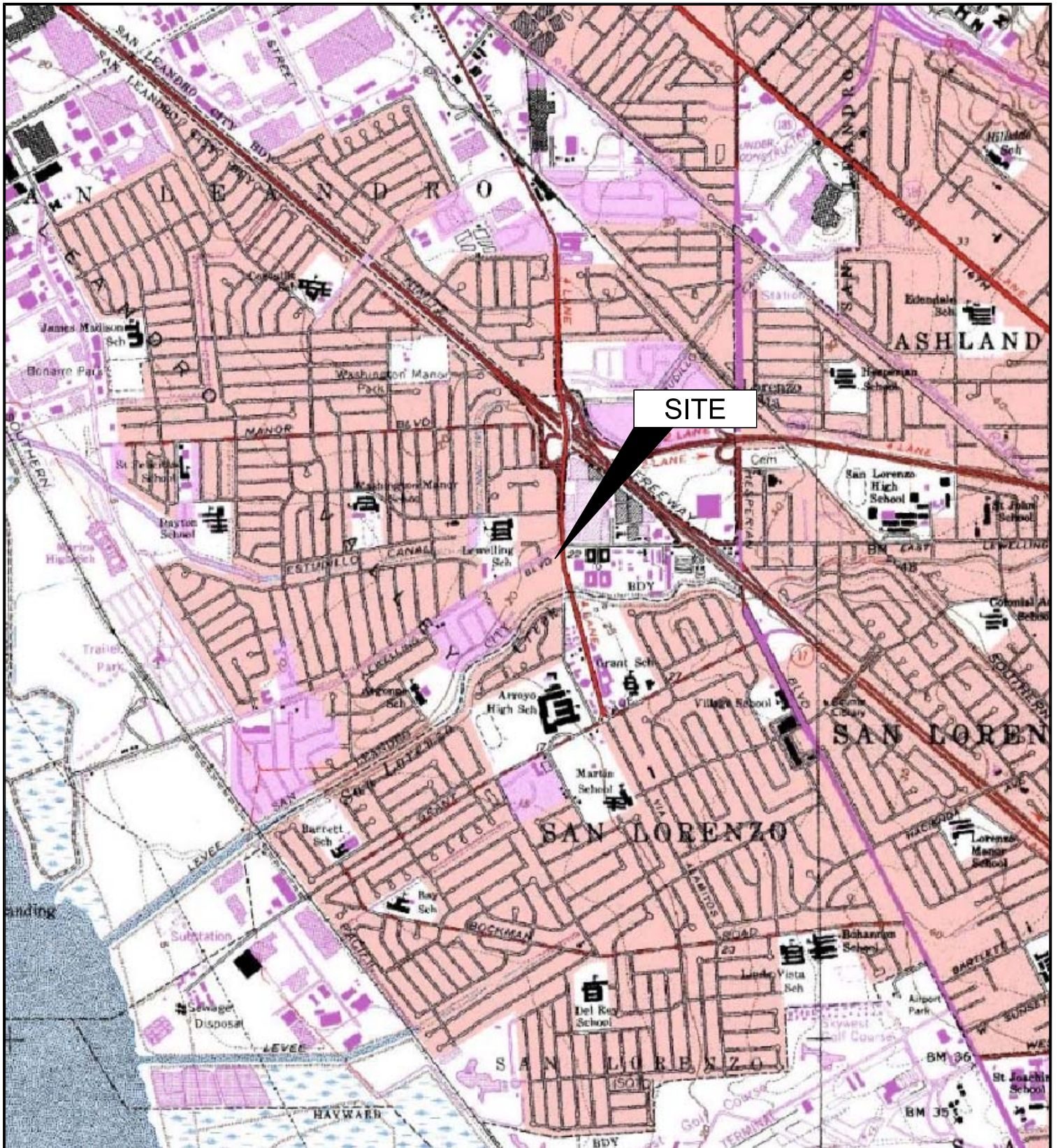


IMAGE SOURCE: USGS

FORMER SHELL
STATION #129460

S-8
<50**
SA(1,3)

S-10
NS
A(1)

S-11
NG

MW-17
5,500
SA(1,3)

MW-2
780
SA(1,3)

MW-18
640
SA(1,3)

MW-13
NS
GO

MW-16
2,800
SA(1,3)

S-12
NG

S-14
NG

MW-4
NS
GO

MW-5
NS
GO

MW-11
NS
GO

S-13
NS
A(1)

MW-3
20,000
SA(1,3)

MW-15
<50
A(3)

CHATEAU MANOR
APARTMENTS

MW-8
<50
A(3)

MW-9
<50
A(3)

MW-10
<50
SA(1,3)

MW-6
NS
GO

MW-1
10,000
SA(1,3)

MW-12
NS
GO

MW-7
NS
GO

MW-14
<50
A(3)

MW-19
<50
A(3)

LEGEND

⊕ Monitor Well Location

● Soil-Gas Boring/Temporary Vapor
Implant Location

⊖ Soil Vapor Extraction Well Location

⊗ Hydropunch Location

⊙ Grab-Groundwater Sample Location

--- GRO Isoconcentration (μg/L)

** Sampled 8/26/2011

WELLID
GRO
A/SA

Well Designation

GRO Concentration (μg/L)

Sampling Frequency

A(1) Sampled Annually, 1st Quarter

A(3) Sampled Annually, 3rd Quarter

SA(1,3) Sampled Semi-Annually, 1st
and 3rd Quarter

GO/NG Gauge Only/Not Gauged

NS Not Sampled



0 60 120

SCALE (ft)

NOTE: SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES.
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



BROADBENT & ASSOCIATES, INC.

ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
1324 Mangrove Ave. Suite 212, Chico, California

Project No.: 06-88-605 Date: 10/14/2011

Station #601
712 Lewelling Boulevard
San Leandro, California

GRO Isoconcentration Contour Map
August 25, 2011

Drawing

3

FORMER SHELL
STATION #129460

S-8
<0.50**
SA(1,3)

S-10
NS
A(1)

S-12
NG

S-11
NG

MW-17
140
SA(1,3)

MW-2
<0.50
SA(1,3)

MW-18
3.4
SA(1,3)

MW-13
NS
GO

MW-11
NS
GO

MW-5
NS
GO

MW-6
NS
GO

MW-1
27
SA(1,3)

MW-12
NS
GO

MW-3
<20
SA(1,3)

MW-15
<50
A(3)

CHATEAU MANOR
APARTMENTS

MW-8
<0.50
A(3)

MW-9
<0.50
A(3)

MW-10
<0.50
SA(1,3)

MW-7
NS
GO

MW-19
<0.50
A(3)

MW-14
<0.50
A(3)

LEGEND

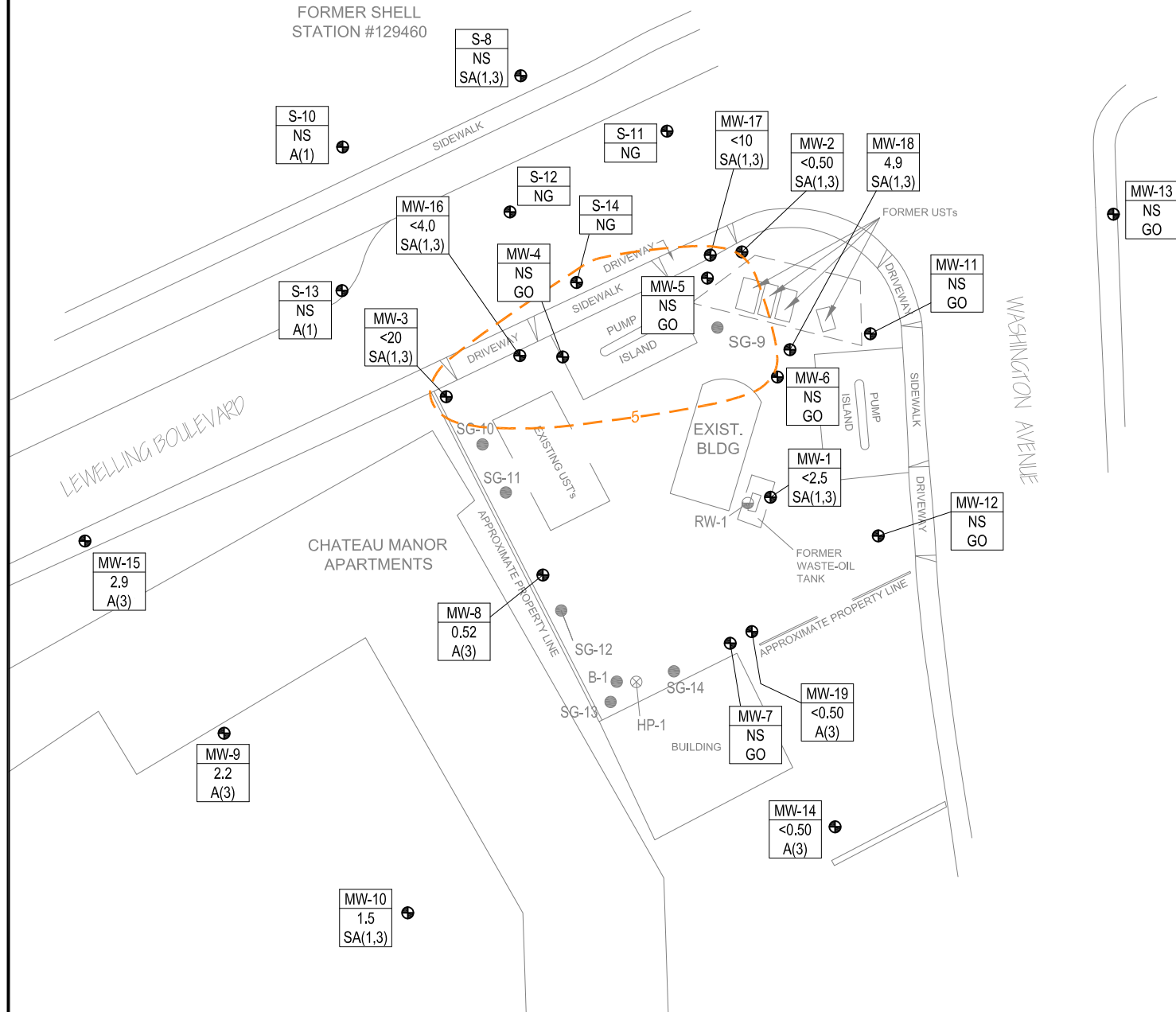
- ⊕ Monitor Well Location
 - Soil-Gas Boring/Temporary Vapor Implant Location
 - ⊖ Soil Vapor Extraction Well Location
 - ⊗ Hydropunch Location
 - ⊙ Grab-Groundwater Sample Location
 - Benzene Isoconcentration (μg/L)
 - ** Sampled 8/26/2011
- | WELLID | Well Designation |
|---------|--|
| BZ | Benzene Concentration (μg/L) |
| A/SA | Sampling Frequency |
| A(1) | Sampled Annually, 1st Quarter |
| A(3) | Sampled Annually, 3rd Quarter |
| SA(1,3) | Sampled Semi-Annually, 1st and 3rd Quarter |
| GO/NG | Gauge Only/Not Gauged |
| NS | Not Sampled |



0 60 120
SCALE (ft)

NOTE: SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES.
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FORMER SHELL
STATION #129460



LEGEND

- ⊕ Monitor Well Location
 - Soil-Gas Boring/Temporary Vapor Implant Location
 - ⊖ Soil Vapor Extraction Well Location
 - ⊗ Hydropunch Location
 - ⊙ Grab-Groundwater Sample Location
 - - - MTBE Isoconcentration (µg/L)
- | WELLID | Well Designation |
|---------|--|
| MTBE | MTBE Concentration (µg/L) |
| A/SA | Sampling Frequency |
| A(1) | Sampled Annually, 1st Quarter |
| A(3) | Sampled Annually, 3rd Quarter |
| SA(1,3) | Sampled Semi-Annually, 1st and 3rd Quarter |
| GO/NG | Gauge Only/Not Gauged |
| NS | Not Sampled |

NOTE: SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES.
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

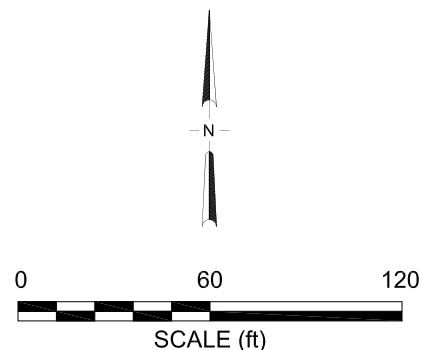


Table 1. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-1																
1/9/1991	--	22.98	7.00	12.00	9.47	13.51	--	--	--	--	--	--	--	--	--	i, l
4/16/1991	--		7.00	12.00	6.12	16.86	--	--	--	--	--	--	--	--	--	a
6/10/1991	--	22.26	7.00	12.00	9.00	13.26	--	--	--	--	--	--	--	--	--	a
10/10/1991	--		7.00	12.00	9.73	12.53	--	--	--	--	--	--	--	--	--	i, l
3/23/1992	--		7.00	12.00	7.40	14.86	--	--	--	--	--	--	--	--	--	a
6/8/1992	--		7.00	12.00	9.08	13.18	--	--	--	--	--	--	--	--	--	i, l
9/15/1992	--		7.00	12.00	9.18	13.08	--	--	--	--	--	--	--	--	--	l
11/16/1992	--		7.00	12.00	9.09	13.17	--	--	--	--	--	--	--	--	--	i, l
2/16/1993	--		7.00	12.00	7.03	15.23	--	--	--	--	--	--	--	--	--	i, l
5/13/1993	--		7.00	12.00	8.08	14.18	--	--	--	--	--	--	--	--	--	i, l
8/17/1993	--		7.00	12.00	8.81	13.45	--	--	--	--	--	--	--	--	--	i, l
11/8/1993	--		7.00	12.00	9.22	13.04	--	--	--	--	--	--	--	--	--	i, l
2/14/1994	--		7.00	12.00	7.72	14.54	--	--	--	--	--	--	--	--	--	a
5/5/1994	--		7.00	12.00	8.47	13.79	--	--	--	--	--	--	--	--	--	a
8/4/1994	--		7.00	12.00	8.72	13.54	--	--	--	--	--	--	--	--	--	a
11/20/1994	--		7.00	12.00	7.81	14.45	--	--	--	--	--	--	--	--	--	a
3/17/1995	--		7.00	12.00	6.57	15.69	120,000	5,300	370	1,500	13,000	--	--	--	--	
6/1/1995	--		7.00	12.00	7.87	14.39	250,000	7,100	950	3,500	21,000	--	--	--	--	
8/31/1995	--		7.00	12.00	8.12	14.14	--	--	--	--	--	--	--	--	--	i, l
11/27/1995	--		7.00	12.00	8.42	13.84	310,000	4,600	770	5,700	21,000	--	--	--	--	
2/22/1996	--		7.00	12.00	6.01	16.25	100,000	6,200	320	2,500	12,000	<1,000	--	--	--	j
5/20/1996	--		7.00	12.00	7.03	15.23	340,000	6,600	240	4,500	22,000	<1,000	--	--	--	
8/26/1996	--		7.00	12.00	8.16	14.10	210,000	7,900	320	3,400	15,000	<1,000	--	--	--	
11/20/1996	--		7.00	12.00	7.84	14.42	62,000	5,900	77	2,000	7,700	<300	--	--	--	
3/24/1997	--	19.19	7.00	12.00	8.05	11.14	170,000	6,500	<200	2,400	9,900	<1,000	--	--	--	
5/23/1997	--		7.00	12.00	8.42	10.77	83,000	6,200	84	2,500	9,000	<300	--	--	--	
8/19/1997	--		7.00	12.00	8.65	10.54	83,000	4,500	<100	2,200	8,100	<600	--	--	--	
11/19/1997	--		7.00	12.00	8.54	10.65	250,000	4,400	<500	3,800	9,900	<3,000	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-1 Cont.																
2/19/1998	--	19.19	7.00	12.00	5.57	13.62	74,000	2,500	120	2,200	4,100	<300	--	--	--	
4/23/1998	--		7.00	12.00	6.92	12.27	210,000	2,700	<500	4,200	8,300	<3,000	--	1.5	--	
7/27/1998	--		7.00	12.00	8.14	11.05	73,000	2,100	88	2,600	4,600	<300	--	1.0	--	
10/14/1998	--		7.00	12.00	8.58	10.61	47,000	2,900	<500	2,300	3,900	<300	--	1.5	--	
1/21/1999	--		7.00	12.00	7.48	11.71	45,000	1,400	64	2,100	2,400	<300	--	1.0	--	
5/6/1999	--		7.00	12.00	8.00	11.19	41,000	1,900	<20	2,800	3,400	<120	--	0.85	--	
8/23/1999	--		7.00	12.00	8.56	10.63	26,000	1,700	52	1,600	1,500	<75	--	0.72	--	
10/28/1999	--		7.00	12.00	8.92	10.27	38,000	2,500	35	2,400	2,500	<200	--	0.7	--	
2/4/2000	--		7.00	12.00	8.48	10.71	19,000	960	13	1,200	860	<60	--	2.11	--	
6/20/2000	--		7.00	12.00	8.20	10.99	23,000	2,400	50	1,800	680	<200	--	--	--	
9/29/2000	--		7.00	12.00	8.55	10.64	23,600	2,880	<50	2,130	871	<250	--	--	--	
12/17/2000	--		7.00	12.00	8.28	10.91	21,600	1,980	<50	1,610	664	<250	--	--	--	
3/28/2001	--		7.00	12.00	8.13	11.06	19,800	2,310	<100	2,010	517	<500	--	--	--	
6/20/2001	--		7.00	12.00	8.60	10.59	17,000	2,200	23	1,800	320	100	--	--	--	
9/22/2001	--		7.00	12.00	9.03	10.16	20,000	2,900	<200	2,500	270	<1000	--	--	--	
12/27/2001	--		7.00	12.00	7.93	11.26	15,000	2,000	<50	1,700	140	290	--	--	--	
3/15/2002	--		7.00	12.00	7.89	11.30	12,000	1,800	<50	1,400	79	<250	--	--	--	
4/18/2002	--		7.00	12.00	7.05	12.14	16,000	3,000	180	2,600	320	<250	--	1.26	--	
7/23/2002	NP		7.00	12.00	8.70	10.49	14,000	3,200	<50	2,100	<50	<250	--	0.9	6.8	e
10/16/2002	NP		7.00	12.00	9.12	10.07	14,000	2,100	<25	2,000	31	<120	--	0.8	7.1	d
1/23/2003	NP		7.00	12.00	7.45	11.74	6,000	680	<50	800	<50	<50	--	0.9	6.8	g
4/7/2003	--		7.00	12.00	7.68	11.51	6,400	940	6.6	810	11	69	--	1.1	6.9	
8/7/2003	--		7.00	12.00	8.75	10.44	12,000	1,500	27	1,700	42	160	--	--	6.4	a, k
10/23/2003	NP		7.00	12.00	8.96	10.23	14,000	1,700	<25	1,600	<25	220	1470	--	--	a
01/12/2004	P		7.00	12.00	7.99	11.20	8,800	1,100	<25	980	<25	140	1392	0.2	7.2	
04/20/2004	NP	24.78	7.00	12.00	8.87	15.91	12,000	1,600	<25	920	36	84	1780	1.5	6.6	a, r
07/01/2004	NP		7.00	12.00	9.31	15.47	9,700	830	<10	580	11	100	886	0.8	6.7	a
11/04/2004	NP		7.00	12.00	8.12	16.66	7,800	650	<5.0	300	12	130	1368	1.2	6.7	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-1 Cont.																
01/10/2005	NP	24.78	7.00	12.00	7.06	17.72	6,000	280	<5.0	130	12	12	1280	1.05	6.9	
04/14/2005	NP		7.00	12.00	7.20	17.58	4,500	160	<5.0	320	17	<5.0	--	2.1	7.0	
04/20/2005	NP		7.00	12.00	7.05	17.73	--	--	--	--	--	--	630	--	6.6	q
08/02/2005	NP		7.00	12.00	7.39	17.39	4,700	210	<5.0	210	11	15	1180	--	6.8	
10/21/2005	NP		7.00	12.00	8.31	16.47	9,700	600	5.5	210	11	64	1500	1.45	6.8	
01/04/2006	NP		7.00	12.00	7.10	17.68	5,000	240	5.2	120	18	<5.0	939	0.97	7.2	
04/28/2006	P		7.00	12.00	6.69	18.09	13,000	100	<5.0	270	7.0	<5.0	--	1.81	7.1	a
8/4/2006	NP		7.00	12.00	8.30	16.48	9,800	410	5.0	260	<5.0	14	840	0.84	7.0	
10/23/2006	P		7.00	12.00	8.71	16.07	12,000	440	5.6	260	11	16	--	--	6.92	
1/15/2007	--		7.00	12.00	7.95	16.83	--	--	--	--	--	--	--	1.23	6.90	l
4/17/2007	P		7.00	12.00	8.20	16.58	6,800	140	<10	280	<10	<10	--	2.14	7.19	a
7/9/2007	P		7.00	12.00	8.73	16.05	8,200	240	<5.0	220	180	81	1020	2.42	7.15	a, s
10/1/2007	P		7.00	12.00	8.94	15.84	13,000	260	<5.0	260	13	9.3	1,340	2.46	7.19	a, s
1/7/2008	P		7.00	12.00	7.43	17.35	8,000	56	<5.0	190	7.3	<5.0	1,000	0.95	7.03	u
4/1/2008	NP		7.00	12.00	7.64	17.16	9,300	70	<20	210	<20	<20	1,220	2.22	7.04	i, l
7/23/2008	P		7.00	12.00	8.82	15.96	19,000	190	<20	180	<20	<20	1,480	2.2	6.99	
10/22/2008	P		7.00	12.00	9.13	15.65	31,000	190	<20	210	<20	<20	2,132	0.31	6.87	a
1/21/2009	P		7.00	12.00	8.72	16.06	20,000	99	<20	190	<20	<20	3,000	1.06	7.01	a
4/21/2009	P		7.00	12.00	7.68	17.10	18,000	63	<20	50	<20	<20	1,617	0.40	6.98	a, u
7/21/2009	P		7.00	12.00	8.91	15.87	9,700	100	<20	120	<20	<20	1,610	10.85	7.10	u, v
1/12/2010	P		7.00	12.00	8.30	16.48	8,400	49	<10	85	<10	<10	950	0.98	6.48	u
6/3/2010	--		7.00	12.00	7.67	17.11	--	--	--	--	--	--	--	--	--	
7/22/2010	NP		7.00	12.00	8.43	16.35	15,000	54	<10	90	<10	<10	1,160	0.49	7.0	w
2/18/2011	NP		7.00	12.00	7.34	17.44	7,900	11	<2.0	83	2.8	<2.0	611	0.50	6.5	x (GRO)
8/25/2011	P		7.00	12.00	8.45	16.33	10,000	27	<2.5	83	3.2	<2.5	744	0.49	6.9	
MW-2																
7/18/1990	--	22.06	8.00	12.00	7.86	14.20	35,000	3,800	2,900	690	3,600	--	--	--	--	
10/15/1990	--		8.00	12.00	8.61	13.45	6,400	650	290	110	560	--	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-2 Cont.																
1/9/1991	--	22.06	8.00	12.00	8.43	13.63	13,000	1,500	970	390	1,500	--	--	--	--	
4/16/1991	--		8.00	12.00	6.97	15.09	54,000	5,200	9,000	1,500	7,700	--	--	--	--	
6/10/1991	--	21.33	8.00	12.00	7.91	13.42	26,000	3,000	2,500	880	4,200	--	--	--	--	
10/10/1991	--		8.00	12.00	8.82	12.51	10,000	1,600	910	280	1,400	--	--	--	--	
3/23/1992	--		8.00	12.00	6.86	14.47	33,000	4,100	5,000	1,100	5,300	--	--	--	--	
6/8/1992	--		8.00	12.00	7.95	13.38	18,000	1,200	980	330	1,800	--	--	--	--	
9/15/1992	--		8.00	12.00	8.71	12.62	13,000	430	500	340	1,800	--	--	--	--	
11/16/1992	--		8.00	12.00	7.93	13.40	13,000	900	940	300	1,400	--	--	--	--	
2/16/1993	--		8.00	12.00	6.02	15.31	20,000	1,800	1,200	530	2,700	--	--	--	--	
5/13/1993	--		8.00	12.00	6.99	14.34	13,000	1,000	470	370	1,900	--	--	--	--	
8/17/1993	--		8.00	12.00	7.85	13.48	9,100	770	160	310	1,500	--	--	--	--	
11/8/1993	--		8.00	12.00	8.12	13.21	9,200	380	62	130	630	--	--	--	--	
2/14/1994	--		8.00	12.00	6.88	14.45	8,700	670	370	50	1,400	--	--	--	--	
5/5/1994	--		8.00	12.00	7.51	13.82	5,600	390	140	120	480	--	--	--	--	
8/4/1994	--		8.00	12.00	8.00	13.33	2,300	180	<2.5	<2.5	230	--	--	--	--	n
11/20/1994	--		8.00	12.00	6.86	14.47	4,900	170	150	120	390	--	--	--	--	
3/17/1995	--		8.00	12.00	6.12	15.21	10,000	460	77	260	550	--	--	--	--	
6/1/1995	--		8.00	12.00	6.56	14.77	13,000	400	78	210	410	--	--	--	--	
8/31/1995	--		8.00	12.00	7.18	14.15	5,000	280	18	120	140	<50	--	--	--	
11/27/1995	--		8.00	12.00	7.39	13.94	3,200	230	12	77	90	--	--	--	--	
2/22/1996	--		8.00	12.00	5.78	15.55	11,000	290	67	190	330	<50	--	--	--	
5/20/1996	--		8.00	12.00	6.27	15.06	--	--	--	--	--	--	--	--	--	
8/26/1996	--		8.00	12.00	7.30	14.03	--	--	--	--	--	--	--	--	--	
11/20/1996	--		8.00	12.00	7.28	14.05	--	--	--	--	--	--	--	--	--	
3/24/1997	--	21.12	8.00	12.00	7.11	14.01	4,800	570	6	71	32	67	--	--	--	
5/23/1997	--		8.00	12.00	7.44	13.68	--	--	--	--	--	--	--	--	--	
8/19/1997	--		8.00	12.00	7.64	13.48	--	--	--	--	--	--	--	--	--	
11/19/1997	--		8.00	12.00	7.70	13.42	--	--	--	--	--	--	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-2 Cont.																
2/19/1998	--	21.12	8.00	12.00	5.22	15.90	2,000	160	50	66	230	25	--	--	--	
4/23/1998	--		8.00	12.00	6.24	14.88	--	--	--	--	--	--	--	--	--	
7/27/1998	--		8.00	12.00	7.02	14.10	--	--	--	--	--	--	--	--	--	
10/14/1998	--		8.00	12.00	7.54	13.58	--	--	--	--	--	--	--	--	--	
1/21/1999	--		8.00	12.00	7.15	13.97	1,700	84	4	31	10	13	--	0.5	--	
5/6/1999	--		8.00	12.00	6.95	14.17	--	--	--	--	--	--	--	--	--	
8/23/1999	--		8.00	12.00	7.49	13.63	--	--	--	--	--	--	--	0.68	--	
10/28/1999	--		8.00	12.00	7.92	13.20	--	--	--	--	--	--	--	--	--	
2/4/2000	--		8.00	12.00	6.61	14.51	--	--	--	--	--	--	--	--	--	
6/20/2000	--		8.00	12.00	7.12	14.00	--	--	--	--	--	--	--	--	--	
9/29/2000	--		8.00	12.00	7.60	13.52	--	--	--	--	--	--	--	--	--	
12/17/2000	--		8.00	12.00	7.42	13.70	--	--	--	--	--	--	--	--	--	
3/28/2001	--		8.00	12.00	6.84	14.28	838	18.1	<5.0	7.63	5.98	39.5	--	--	--	
6/20/2001	--		8.00	12.00	7.66	13.46	--	--	--	--	--	--	--	--	--	
9/22/2001	--		8.00	12.00	8.08	13.04	--	--	--	--	--	--	--	--	--	
12/27/2001	--		8.00	12.00	6.48	14.64	--	--	--	--	--	--	--	--	--	
3/15/2002	--		8.00	12.00	6.84	14.28	100	<0.5	<0.5	2.5	<0.5	75	--	--	--	
4/18/2002	--		8.00	12.00	6.19	14.93	--	--	--	--	--	--	--	--	--	
7/23/2002	--		8.00	12.00	7.73	13.39	--	--	--	--	--	--	--	--	--	
10/16/2002	--		8.00	12.00	8.10	13.02	--	--	--	--	--	--	--	--	--	
1/23/2003	P		8.00	12.00	6.52	14.60	<5,000	<50	<50	<50	<50	95	--	1.6	7.2	g
4/7/2003	--		8.00	12.00	7.22	13.90	--	--	--	--	--	--	--	--	--	
8/7/2003	--		8.00	12.00	7.84	13.28	--	--	--	--	--	--	--	--	--	
10/23/2003	P		8.00	12.00	7.95	13.17	<250	<2.5	<2.5	<2.5	4.2	68	--	--	--	m
01/12/2004	--		8.00	12.00	6.60	14.52	--	--	--	--	--	--	--	--	--	
04/20/2004	--	23.87	8.00	12.00	8.32	15.55	--	--	--	--	--	--	--	--	--	r
07/01/2004	P		8.00	12.00	8.96	14.91	72	<0.50	<0.50	<0.50	<0.50	72	--	2.1	6.9	o
11/04/2004	--		8.00	12.00	7.30	16.57	--	--	--	--	--	--	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-2 Cont.																
01/10/2005	--	23.87	8.00	12.00	5.87	18.00	--	--	--	--	--	--	--	--	--	
04/14/2005	--		8.00	12.00	5.75	18.12	--	--	--	--	--	--	--	--	--	
08/02/2005	P		8.00	12.00	6.47	17.40	1,300	4.3	0.57	11	0.97	12	--	--	7.0	
10/21/2005	--		8.00	12.00	7.12	16.75	--	--	--	--	--	--	--	--	--	
01/04/2006	--		8.00	12.00	6.75	17.12	--	--	--	--	--	--	--	--	--	
04/28/2006	--		8.00	12.00	5.90	17.97	--	--	--	--	--	--	--	--	--	
8/4/2006	P		8.00	12.00	7.41	16.46	50	<0.50	<0.50	<0.50	<0.50	7.9	--	1.57	7.2	
10/23/2006	--		8.00	12.00	7.72	16.15	--	--	--	--	--	--	--	--	--	
1/15/2007	--		8.00	12.00	7.14	16.73	--	--	--	--	--	--	--	--	--	
4/17/2007	--		8.00	12.00	7.28	16.59	--	--	--	--	--	--	--	--	--	
7/9/2007	P		8.00	12.00	7.73	16.14	110	<0.50	<0.50	<0.50	<0.50	3.2	--	1.40	7.37	
10/1/2007	--		8.00	12.00	7.95	15.92	--	--	--	--	--	--	--	--	--	
1/7/2008	--		8.00	12.00	6.46	17.41	--	--	--	--	--	--	--	--	--	
4/1/2008	--		8.00	12.00	7.10	16.77	--	--	--	--	--	--	--	--	--	
7/23/2008	NP		8.00	12.00	7.90	15.97	<50	<0.50	<0.50	<0.50	<0.50	0.78	--	3.1	7.25	
10/22/2008	--		8.00	12.00	8.10	15.77	--	--	--	--	--	--	--	--	--	
1/21/2009	--		8.00	12.00	7.70	16.17	--	--	--	--	--	--	--	--	--	
4/21/2009	--		8.00	12.00	7.16	16.71	--	--	--	--	--	--	--	--	--	
7/21/2009	NP		8.00	12.00	8.01	15.86	<50	<0.50	<0.50	<0.50	<0.50	0.83	--	11.67	7.47	v
1/12/2010	--		8.00	12.00	7.35	16.52	--	--	--	--	--	--	--	--	--	
6/3/2010	P		8.00	12.00	6.78	17.09	<50	<0.50	<0.50	<0.50	<0.50	1.2	--	--	7.06	
7/22/2010	P		8.00	12.00	7.47	16.40	420	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.03	7.1	w
2/18/2011	--		8.00	12.00	6.71	17.16	--	--	--	--	--	--	--	--	--	
8/25/2011	P		8.00	12.00	7.40	16.47	780	<0.50	<0.50	0.79	<0.50	<0.50	--	1.05	7.2	x (GRO)
MW-3																
7/18/1990	--	20.84	8.00	12.00	7.03	13.81	--	--	--	--	--	--	--	--	--	
10/15/1990	--		8.00	12.00	8.19	12.65	--	--	--	--	--	--	--	--	--	i, l
1/9/1991	--		8.00	12.00	7.46	13.38	--	--	--	--	--	--	--	--	--	i, l

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ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-3 Cont.																
4/16/1991	--	20.84	8.00	12.00	7.95	12.89	--	--	--	--	--	--	--	--	--	a
6/10/1991	--	20.11	8.00	12.00	7.14	12.97	--	--	--	--	--	--	--	--	--	a
10/10/1991	--		8.00	12.00	7.82	12.29	--	--	--	--	--	--	--	--	--	i, l
3/23/1992	--		8.00	12.00	5.75	14.36	--	--	--	--	--	--	--	--	--	a
6/8/1992	--		8.00	12.00	7.52	12.59	--	--	--	--	--	--	--	--	--	i, l
9/15/1992	--		8.00	12.00	8.01	12.10	--	--	--	--	--	--	--	--	--	i, l
11/16/1992	--		8.00	12.00	7.11	13.00	--	--	--	--	--	--	--	--	--	a
2/16/1993	--		8.00	12.00	5.93	14.18	--	--	--	--	--	--	--	--	--	i, l
5/13/1993	--		8.00	12.00	6.37	13.74	--	--	--	--	--	--	--	--	--	i, l
8/17/1993	--		8.00	12.00	7.00	13.11	--	--	--	--	--	--	--	--	--	i, l
11/8/1993	--		8.00	12.00	7.31	12.80	430,000	4,100	14,000	6,400	37,000	--	--	--	--	
2/14/1994	--		8.00	12.00	5.81	14.30	85,000	4,200	12,000	2,500	16,000	--	--	--	--	
5/5/1994	--		8.00	12.00	6.81	13.30	560,000	4,600	14,000	5,300	40,000	--	--	--	--	
8/4/1994	--		8.00	12.00	7.31	12.80	64,000	4,200	7,600	1,700	12,000	--	--	--	--	
11/20/1994	--		8.00	12.00	5.88	14.23	80,000	4,700	9,700	2,400	15,000	--	--	--	--	
3/17/1995	--		8.00	12.00	5.46	14.65	370,000	4,800	12,000	5,800	34,000	--	--	--	--	
6/1/1995	--		8.00	12.00	6.34	13.77	270,000	6,000	11,000	5,200	28,000	--	--	--	--	
8/31/1995	--		8.00	12.00	6.60	13.51	--	--	--	--	--	--	--	--	--	i, l
11/27/1995	--		8.00	12.00	6.76	13.35	150,000	5,100	8,800	3,900	21,000	--	--	--	--	
2/22/1996	--		8.00	12.00	5.14	14.97	150,000	4,400	7,600	4,100	22,000	<3,000	--	--	--	
5/20/1996	--		8.00	12.00	5.17	14.94	410,000	4,700	8,000	6,300	36,000	<3,000	--	--	--	
8/26/1996	--		8.00	12.00	7.04	13.07	260,000	4,000	6,100	4,200	24,000	<2,000	--	--	--	
11/20/1996	--		8.00	12.00	6.26	13.85	190,000	3,200	5,800	3,300	20,000	<1,000	--	--	--	
3/24/1997	--	22.99	8.00	12.00	6.94	16.05	430,000	2,700	7,600	7,000	39,000	<5,000	--	--	--	
5/23/1997	--		8.00	12.00	6.98	16.01	130,000	2,100	4,300	3,500	19,000	<700	--	--	--	
8/19/1997	--		8.00	12.00	7.25	15.74	100,000	2,000	3,200	<100	19,000	<600	--	--	--	
11/19/1997	--		8.00	12.00	7.25	15.74	93,000	1,700	2,400	2,800	16,000	<600	--	--	--	
2/19/1998	--		8.00	12.00	5.24	17.75	80,000	620	1,200	2,500	13,000	<600	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-3 Cont.																
4/23/1998	--	22.99	8.00	12.00	6.60	16.39	130,000	1,500	2,400	3,500	18,000	<600	--	3.5	--	
7/27/1998	--		8.00	12.00	7.00	15.99	140,000	920	1,500	2,400	13,000	<600	--	1.0	--	
10/14/1998	--		8.00	12.00	7.04	15.95	300,000	1,200	2,400	5,700	32,000	970	--	1.0	--	
1/21/1999	--		8.00	12.00	6.50	16.49	120,000	860	1,500	2,600	14,000	<600	--	0.5	--	
5/6/1999	--		8.00	12.00	6.90	16.09	49,000	670	1,400	2,500	11,000	170	--	1.03	--	
8/23/1999	--		8.00	12.00	6.53	16.46	51,000	440	930	2,200	9,200	<150	--	0.67	--	
10/28/1999	--		8.00	12.00	7.50	15.49	1,400,000	830	4,100	15,000	78,000	<5,000	--	0.77	--	
2/4/2000	--		8.00	12.00	6.21	16.78	<50	<0.5	<0.5	<0.5	<1	650	--	1.61	--	
6/20/2000	--		8.00	12.00	6.22	16.77	45,000	670	990	2,400	12,000	<500	--	--	--	
9/29/2000	--		8.00	12.00	7.20	15.79	51,000	860	1,120	2,720	12,900	<250	--	--	--	
12/17/2000	--		8.00	12.00	--	--	--	--	--	--	--	--	--	--	--	
3/28/2001	--		8.00	12.00	6.10	16.89	43,500	804	<200	250	11,000	<1,000	--	--	--	
6/20/2001	--		8.00	12.00	6.14	16.85	62,000	1,000	850	2,800	13,000	<2,500	--	--	--	
9/22/2001	--		8.00	12.00	7.24	15.75	53,000	1,200	1,200	3,100	13,000	<1,000	--	--	--	
12/27/2001	--		8.00	12.00	7.00	15.99	44,000	860	840	2,300	10,000	<250	--	--	--	
3/15/2002	--		8.00	12.00	7.02	15.97	43,000	1,000	810	2,300	11,000	<250	--	--	--	
4/18/2002	--		8.00	12.00	--	--	--	--	--	--	--	--	--	--	--	
7/23/2002	P		8.00	12.00	7.22	15.77	45,000	750	570	2,100	10,000	<250	--	1	8	d
10/16/2002	P		8.00	12.00	7.54	15.45	42,000	780	620	2,500	11,000	<250	--	1.4	7.7	d
1/23/2003	P		8.00	12.00	6.85	16.14	68,000	580	500	3,300	16,000	<100	--	1.3	7	g
4/7/2003	--		8.00	12.00	7.05	15.94	48,000	620	450	2,200	11,000	<50	--	1.4	6.9	
8/7/2003	--		8.00	12.00	6.89	16.10	35,000	360	250	1,700	8,100	<100	--	2.4	8.9	m
10/23/2003	P		8.00	12.00	7.05	15.94	36,000	340	250	1,700	8,300	<25	--	--	--	m
01/12/2004	NP		8.00	12.00	5.93	17.06	1,100	<5.0	<5.0	<5.0	34	<5.0	--	3.2	9.5	
04/20/2004	P	22.63	8.00	12.00	7.60	15.03	30,000	210	170	1,700	7,300	<50	--	1.6	7.8	r
07/01/2004	P		8.00	12.00	7.76	14.87	33,000	190	190	1,300	6,300	<50	--	2.3	7.4	a
11/04/2004	--		8.00	12.00	--	--	--	--	--	--	--	--	--	--	--	p
11/23/2004	P		8.00	12.00	6.75	15.88	32,000	150	160	1,400	7,100	<50	--	1.2	7.5	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-3 Cont.																
01/10/2005	P	22.63	8.00	12.00	4.75	17.88	34,000	180	150	1,400	6,900	<100	--	0.7	7.0	
04/14/2005	P		8.00	12.00	5.60	17.03	26,000	170	200	1,500	5,000	<25	--	2.3	7.0	
08/02/2005	P		8.00	12.00	5.97	16.66	41,000	260	190	1,800	8,600	<25	--	--	7.0	
10/21/2005	P		8.00	12.00	6.55	16.08	39,000	230	160	1,500	7,400	<50	--	1.05	7.0	
01/04/2006	P		8.00	12.00	4.57	18.06	33,000	160	150	1,700	7,500	<25	--	0.97	7.1	
04/28/2006	P		8.00	12.00	5.35	17.28	42,000	130	110	1,700	6,500	<25	--	1.39	7.0	a
8/4/2006	P		8.00	12.00	5.97	16.66	38,000	180	130	1,500	7,000	<25	--	0.47	6.9	
10/23/2006	P		8.00	12.00	6.66	15.97	48,000	180	120	1,500	7,100	<5.0	--	--	6.98	
1/15/2007	P		8.00	12.00	6.11	16.52	36,000	130	130	1,900	8,400	<25	--	0.97	7.25	
4/17/2007	P		8.00	12.00	6.13	16.50	73,000	120	140	2,200	9,900	<25	--	1.13	7.42	a
7/9/2007	P		8.00	12.00	6.82	15.81	42,000	110	110	1,700	7,100	<25	--	1.38	7.28	a
10/1/2007	P		8.00	12.00	6.85	15.78	48,000	100	100	1,700	7,700	<25	--	1.65	7.66	a, o, t
1/7/2008	--		8.00	12.00	--	--	--	--	--	--	--	--	--	--	--	p
4/1/2008	P		8.00	12.00	8.95	13.68	160,000	<100	<100	1,700	7,400	<100	--	0.96	7.03	a
7/23/2008	NP		8.00	12.00	7.00	15.63	33,000	39	47	1,100	5,000	<5.0	--	1.04	6.93	
10/22/2008	P		8.00	12.00	7.15	15.48	98,000	<120	<120	2,000	8,000	<120	--	1.06	7.09	a
1/21/2009	P		8.00	12.00	6.79	15.84	51,000	<100	<100	2,300	9,000	<100	--	0.58	7.08	a
4/21/2009	P		8.00	12.00	5.80	16.83	720,000	52	<50	790	7,000	<50	--	1.38	7.14	a
7/21/2009	P		8.00	12.00	6.84	15.79	36,000	29	33	1,300	4,800	<25	--	11.15	7.35	v
1/12/2010	P		8.00	12.00	6.19	16.44	25,000	25	24	1,200	3,900	<10	--	1.07	6.63	
6/3/2010	P		8.00	12.00	5.64	16.99	26,000	<25	<25	820	2,900	<25	--	1.16	6.8	
7/22/2010	P		8.00	12.00	6.37	16.26	42,000	<25	<25	1,100	3,500	<25	--	0.38	6.9	
2/18/2011	P		8.00	12.00	5.03	17.60	29,000	<25	<25	1,000	2,800	<25	--	0.70	6.50	
8/25/2011	P		8.00	12.00	5.96	16.67	20,000	<20	<20	850	1,600	<20	--	0.66	6.8	
MW-4																
6/10/1991	--	20.75	6.00	9.00	--	--	--	--	--	--	--	--	--	--	--	b
10/10/1991	--		6.00	9.00	--	--	15,000	5,300	1,500	470	1,300	--	--	--	--	b
3/23/1992	--		6.00	9.00	--	--	24,000	5,600	4,000	580	3,100	--	--	--	--	b

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-4 Cont.																
6/8/1992	--	20.75	6.00	9.00	--	--	5,700	2,000	170	92	270	--	--	--	--	b
9/15/1992	--		6.00	9.00	--	--	--	--	--	--	--	--	--	--	--	b
11/16/1992	--		6.00	9.00	--	--	--	--	--	--	--	--	--	--	--	b
2/16/1993	--		6.00	9.00	7.10	13.65	12,000	920	1,100	130	750	--	--	--	--	
5/13/1993	--		6.00	9.00	7.02	13.73	19,000	2,900	2,800	360	1,900	--	--	--	--	
8/17/1993	--		6.00	9.00	7.85	12.90	8,100	1,600	1,300	170	730	--	--	--	--	
11/8/1993	--		6.00	9.00	--	--	2,000	540	110	10	240	--	--	--	--	b
2/14/1994	--		6.00	9.00	--	--	--	--	--	--	--	--	--	--	--	b
5/5/1994	--		6.00	9.00	7.73	13.02	1,900	510	78	31	150	--	--	--	--	
8/4/1994	--		6.00	9.00	7.83	12.92	1,300	360	17	<5	190	--	--	--	--	n
11/20/1994	--		6.00	9.00	7.73	13.02	<50	2.9	0.5	<0.5	1.4	--	--	--	--	
3/17/1995	--		6.00	9.00	6.65	14.10	16,000	1,800	970	310	2,500	--	--	--	--	
6/1/1995	--		6.00	9.00	7.25	13.50	16,000	2,800	870	380	2,700	--	--	--	--	
8/31/1995	--		6.00	9.00	7.75	13.00	9,000	2,000	270	270	1,400	<100	--	--	--	
11/27/1995	--		6.00	9.00	7.87	12.88	3,800	890	130	130	550	--	--	--	--	
2/22/1996	--		6.00	9.00	7.29	13.46	940	150	82	19	130	<20	--	--	--	
5/20/1996	--		6.00	9.00	7.30	13.45	6,700	1,100	330	120	1,100	<100	--	--	--	
8/26/1996	--		6.00	9.00	7.57	13.18	14,000	2,400	510	350	2,100	<100	--	--	--	
11/20/1996	--		6.00	9.00	7.89	12.86	420	55	17	11	62	<3	--	--	--	
3/24/1997	--	22.38	6.00	9.00	6.90	15.48	6,800	620	150	81	1,300	<50	--	--	--	
5/23/1997	--		6.00	9.00	7.80	14.58	9,000	1,300	240	200	1,600	<60	--	--	--	
8/19/1997	--		6.00	9.00	--	--	--	--	--	--	--	--	--	--	--	b
11/19/1997	--		6.00	9.00	--	--	3700	600	93	120	710	<60	--	--	--	b, j
2/19/1998	--		6.00	9.00	6.78	15.60	1,800	93	51	29	420	110	--	--	--	
4/23/1998	--		6.00	9.00	6.47	15.91	6,500	700	110	180	1,300	93	--	0.5	--	
7/27/1998	--		6.00	9.00	7.22	15.16	10,000	1,400	140	290	1,900	<120	--	1.5	--	
10/14/1998	--		6.00	9.00	7.60	14.78	6,500	900	63	200	1,200	63	--	1	--	
1/21/1999	--		6.00	9.00	7.43	14.95	1,700	140	22	56	320	13	--	0.5	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-4 Cont.																
5/6/1999	--	22.38	6.00	9.00	6.55	15.83	3,300	250	36	73	890	41	--	1.28	--	
8/23/1999	--		6.00	9.00	7.16	15.22	7,400	500	73	230	1,700	57	--	0.89	--	
10/28/1999	--		6.00	9.00	8.28	14.10	370	41	5.7	14	52	16	--	0.92	--	
2/4/2000	--		6.00	9.00	8.23	14.15	310	33	7.5	11	65	8	--	2.43	--	
6/20/2000	--		6.00	9.00	6.46	15.92	2,700	210	20	94	520	46	--	--	--	
9/29/2000	--		6.00	9.00	--	--	--	--	--	--	--	--	--	--	--	b
12/17/2000	--		6.00	9.00	--	--	--	--	--	--	--	--	--	--	--	b
3/28/2001	--		6.00	9.00	7.49	14.89	--	--	--	--	--	--	--	--	--	b
6/20/2001	--		6.00	9.00	7.21	15.17	13,000	690	170	330	1,400	110	--	--	--	
9/22/2001	--		6.00	9.00	7.43	14.95	6,700	650	110	410	1,800	100	--	--	--	
12/27/2001	--		6.00	9.00	7.32	15.06	1,200	47	15	46	250	15	--	--	--	
3/15/2002	--		6.00	9.00	7.43	14.95	490	34	7.4	26	110	12	--	--	--	
4/18/2002	--		6.00	9.00	7.00	15.38	<50	0.57	0.83	<0.5	1.1	3.7	--	--	--	
7/23/2002	NP		6.00	9.00	7.70	14.68	820	80	12	23	190	41	--	2.2	7.3	d
10/16/2002	NP		6.00	9.00	7.75	14.63	2,000	220	25	140	570	<25	--	1.8	7.6	d
1/23/2003	NP		6.00	9.00	7.11	15.27	<250	<2.5	<2.5	<2.5	8.8	5.9	--	1.7	7	g
4/7/2003	--		6.00	9.00	7.19	15.19	310	24	2.4	15	62	9.2	--	1.1	7.1	
8/7/2003	--		6.00	9.00	7.45	14.93	3,000	280	<25	150	700	<25	--	1.2	6.8	m
10/23/2003	NP		6.00	9.00	7.59	14.79	1,700	150	7.6	83	320	12	--	--	--	m
01/12/2004	NP		6.00	9.00	7.40	14.98	260	4.4	<2.5	<2.5	27	4.3	--	2.4	7.3	
04/20/2004	NP	23.32	6.00	9.00	7.38	15.94	1,500	160	<5.0	50	320	12	--	1.4	7.1	r
07/01/2004	NP		6.00	9.00	7.78	15.54	1,800	150	5.2	16	260	15	--	1.9	7.0	
11/04/2004	NP		6.00	9.00	7.75	15.57	640	38	1.9	2.1	110	5.7	--	1.9	7.0	
01/10/2005	NP		6.00	9.00	7.54	15.78	<50	1.1	<0.50	<0.50	0.96	2.5	--	1.61	7.0	
04/14/2005	NP		6.00	9.00	7.20	16.12	320	16	0.69	1.4	48	4.5	--	2.5	7.0	
08/02/2005	NP		6.00	9.00	7.35	15.97	1,100	77	2.8	9.0	190	7.1	--	--	6.8	
10/21/2005	NP		6.00	9.00	7.25	16.07	1,700	84	3.9	6.5	250	10	--	1.99	6.9	
01/04/2006	NP		6.00	9.00	7.52	15.80	460	14	<1.0	2.1	72	3.7	--	1.15	7.2	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-4 Cont.																
04/28/2006	NP	23.32	6.00	9.00	6.55	16.77	670	17	<1.0	3.7	33	3.7	--	1.39	7.0	
8/4/2006	NP		6.00	9.00	7.00	16.32	2,800	240	9.3	14	280	15	--	1.26	7.1	
10/23/2006	P		6.00	9.00	7.33	15.99	2,100	200	7.8	17	150	16	--	--	7.08	
1/15/2007	--		6.00	9.00	7.60	15.72	--	--	--	--	--	--	--	--	--	
4/17/2007	NP		6.00	9.00	7.47	15.85	110	9.0	<1.0	1.0	4.5	3.5	--	3.79	7.25	
7/9/2007	NP		6.00	9.00	7.55	15.77	1,400	130	5.4	14	96	14	--	3.55	7.40	
10/1/2007	NP		6.00	9.00	7.69	15.63	1,300	120	6.4	12	91	11	--	3.08	7.42	
1/7/2008	NP		6.00	9.00	7.38	15.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.25	7.26	
4/1/2008	NP		6.00	9.00	7.05	16.27	190	<0.50	<0.50	<0.50	<0.50	0.68	--	1.32	7.12	
7/23/2008	--		6.00	9.00	7.36	15.96	--	--	--	--	--	--	--	--	--	c
10/22/2008	--		6.00	9.00	7.41	15.91	--	--	--	--	--	--	--	--	--	c
1/21/2009	--		6.00	9.00	7.39	15.93	--	--	--	--	--	--	--	--	--	c
4/21/2009	NP		6.00	9.00	6.90	16.42	<50	<0.50	<0.50	<0.50	<0.50	1.5	--	1.18	7.28	
7/21/2009	--		6.00	9.00	7.18	16.14	--	--	--	--	--	--	--	--	--	
1/12/2010	--		6.00	9.00	7.23	16.09	--	--	--	--	--	--	--	--	--	
6/3/2010	P		6.00	9.00	6.35	16.97	650	38	<0.50	0.71	<0.50	2.3	--	1.10	7.1	
7/22/2010	--		6.00	9.00	7.34	15.98	--	--	--	--	--	--	--	--	--	
2/18/2011	--		6.00	9.00	6.89	16.43	--	--	--	--	--	--	--	--	--	
8/25/2011	--		6.00	9.00	6.50	16.82	--	--	--	--	--	--	--	--	--	
MW-5																
6/10/1991	--	20.90	6.00	10.50	7.58	13.32	100,000	25,000	20,000	2,600	12,000	--	--	--	--	
10/10/1991	--		6.00	10.50	8.51	12.39	--	--	--	--	--	--	--	--	--	a
3/23/1992	--		6.00	10.50	6.06	14.84	150,000	24,000	31,000	4,400	23,000	--	--	--	--	
6/8/1992	--		6.00	10.50	7.66	13.24	120,000	17,000	13,000	2,400	11,000	--	--	--	--	
9/15/1992	--		6.00	10.50	8.40	12.50	--	--	--	--	--	--	--	--	--	l
11/16/1992	--		6.00	10.50	7.70	13.20	110,000	16,000	16,000	3,200	18,000	--	--	--	--	
2/16/1993	--		6.00	10.50	5.64	15.26	150,000	12,000	15,000	3,000	17,000	--	--	--	--	
5/13/1993	--		6.00	10.50	6.68	14.22	--	--	--	--	--	--	--	--	--	l

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-5 Cont.																
8/17/1993	--	20.90	6.00	10.50	7.49	13.41	87,000	15,000	8,500	1,900	11,000	--	--	--	--	
11/8/1993	--		6.00	10.50	7.93	12.97	87,000	12,000	8,300	2,000	12,000	--	--	--	--	
2/14/1994	--		6.00	10.50	6.49	14.41	46,000	7,300	5,300	940	5,200	--	--	--	--	
5/5/1994	--		6.00	10.50	7.18	13.72	54,000	9,700	4,700	1,000	6,400	--	--	--	--	
8/4/1994	--		6.00	10.50	7.83	13.07	57,000	14,000	3,200	1,200	7,200	--	--	--	--	
11/20/1994	--		6.00	10.50	6.34	14.56	33,000	5,700	1,800	720	4,700	--	--	--	--	
3/17/1995	--		6.00	10.50	5.51	15.39	48,000	6,400	2,000	740	5,100	--	--	--	--	
6/1/1995	--		6.00	10.50	6.55	14.35	76,000	11,000	5,400	1,400	7,700	--	--	--	--	
8/31/1995	--		6.00	10.50	6.80	14.10	53,000	12,000	1,600	1,000	6,000	<500	--	--	--	
11/27/1995	--		6.00	10.50	7.13	13.77	43,000	7,900	3,300	950	4,900	--	--	--	--	
2/22/1996	--		6.00	10.50	5.12	15.78	52,000	9,100	3,300	940	5,000	<500	--	--	--	
5/20/1996	--		6.00	10.50	5.87	15.03	55,000	9,300	3,800	1,100	5,400	<500	--	--	--	
8/26/1996	--		6.00	10.50	7.15	13.75	47,000	5,300	2,100	780	3,200	<300	--	--	--	
11/20/1996	--		6.00	10.50	6.88	14.02	53,000	8,700	5,700	920	4,400	<500	--	--	--	
3/24/1997	--	22.45	6.00	10.50	7.13	15.32	39,000	8,200	3,200	720	3,100	<500	--	--	--	
5/23/1997	--		6.00	10.50	7.42	15.03	29,000	6,600	1,700	400	1,500	<600	--	--	--	
8/19/1997	--		6.00	10.50	7.58	14.87	16,000	4,600	790	<50	1,300	<300	--	--	--	
11/19/1997	--		6.00	10.50	7.58	14.87	22,000	5,800	1,300	380	1,300	<300	--	--	--	
2/19/1998	--		6.00	10.50	4.65	17.80	40,000	5,100	3,800	620	2,900	<300	--	--	--	
4/23/1998	--		6.00	10.50	6.25	16.20	45,000	8,000	4,000	970	4,200	<600	--	1.5	--	
7/27/1998	--		6.00	10.50	6.71	15.74	30,000	8,000	2,000	590	1,900	<600	--	1.5	--	
10/14/1998	--		6.00	10.50	7.19	15.26	33,000	7,400	1,900	550	1,700	<300	--	1.5	--	
1/21/1999	--		6.00	10.50	7.03	15.42	34,000	6,200	2,600	630	2,300	<600	--	2.5	--	
5/6/1999	--		6.00	10.50	7.02	15.43	7,900	2,400	200	240	580	12	--	1.07	--	
8/23/1999	--		6.00	10.50	7.04	15.41	25,000	5,800	2,300	570	2,000	67	--	1.04	--	
10/28/1999	--		6.00	10.50	7.90	14.55	20,000	5,900	1,100	450	1,100	<250	--	0.87	--	
2/4/2000	--		6.00	10.50	6.71	15.74	32,000	2,500	3,800	770	4,200	<75	--	2.33	--	
6/20/2000	--		6.00	10.50	6.78	15.67	10,000	3,000	650	260	700	<200	--	--	--	

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Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-5 Cont.																
9/29/2000	--	22.45	6.00	10.50	--	--	--	--	--	--	--	--	--	--	--	b
12/17/2000	--		6.00	10.50	--	--	--	--	--	--	--	--	--	--	--	b
3/28/2001	--		6.00	10.50	6.48	15.97	23,400	4,160	3,450	728	3,090	<250	--	--	--	
6/20/2001	--		6.00	10.50	7.26	15.19	120,000	1,200	49	190	540	<100	--	--	--	
9/22/2001	--		6.00	10.50	--	--	--	--	--	--	--	--	--	--	--	b
12/27/2001	--		6.00	10.50	6.56	15.89	16,000	1,500	2,700	730	3,200	<250	--	--	--	
3/15/2002	--		6.00	10.50	6.90	15.55	20,000	2,600	3,300	1,000	4,000	<250	--	--	--	
4/18/2002	--		6.00	10.50	6.17	16.28	17,000	3,200	2,900	790	3,000	<250	--	--	--	
7/23/2002	NP		6.00	10.50	7.36	15.09	4,600	1,400	30	160	470	110	--	1.7	7.5	d
10/16/2002	NP		6.00	10.50	7.66	14.79	5,400	1,300	<20	62	150	<100	--	1.1	7.5	d
1/23/2003	NP		6.00	10.50	6.28	16.17	<5,000	110	<50	<50	98	<50	--	1.1	7.6	g
4/7/2003	--		6.00	10.50	7.21	15.24	1,600	310	18	36	62	32	--	1.5	7.2	
8/7/2003	--		6.00	10.50	7.46	14.99	<50	1.8	<0.50	<0.50	<0.50	3.5	--	12.2	9	m
10/23/2003	NP		6.00	10.50	7.68	14.77	76	14	<0.50	0.77	0.61	12	--	--	--	m
01/12/2004	NP		6.00	10.50	6.34	16.11	<50	1.5	0.68	<0.50	0.62	11	--	6.8	8.8	
04/20/2004	NP	23.47	6.00	10.50	8.12	15.35	300	53	13	12	29	12	--	8.9	8.5	r
07/01/2004	NP		6.00	10.50	8.62	14.85	<50	0.56	<0.50	<0.50	<0.50	11	--	10.6	8.5	
11/04/2004	NP		6.00	10.50	7.01	16.46	90	6.3	0.94	1.3	5.7	9.4	--	7.5	7.6	
01/10/2005	NP		6.00	10.50	5.51	17.96	710	0.55	<0.50	0.52	53	40	--	1.54	7.2	
04/14/2005	NP		6.00	10.50	5.67	17.80	1,800	130	5.9	54	350	40	--	2.0	6.8	
08/02/2005	NP		6.00	10.50	5.94	17.53	3,800	210	7.3	250	520	19	--	--	6.9	
10/21/2005	NP		6.00	10.50	6.69	16.78	4,100	330	7.4	190	420	16	--	1.42	6.9	
01/04/2006	NP		6.00	10.50	5.55	17.92	5,100	580	14	210	420	30	--	0.62	6.8	
04/28/2006	NP		6.00	10.50	5.52	17.95	2,900	190	5.9	59	150	9.9	--	1.74	7.0	
8/4/2006	NP		6.00	10.50	6.51	16.96	3,800	380	7.6	34	140	14	--	0.82	6.9	
10/23/2006	P		6.00	10.50	7.34	16.13	3,300	310	96	70	210	13	--	--	6.99	
1/15/2007	P		6.00	10.50	6.67	16.80	5,600	320	300	220	820	10	--	1.03	7.03	
4/17/2007	NP		6.00	10.50	6.72	16.75	3,400	200	12	160	250	5.9	--	2.25	7.11	

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Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-5 Cont.																
7/9/2007	NP	23.47	6.00	10.50	7.30	16.17	2,600	240	7.0	15	63	6.9	--	2.28	7.16	
10/1/2007	NP		6.00	10.50	7.56	15.91	2,300	220	5.4	4.6	13	4.2	--	2.33	7.19	
1/7/2008	NP		6.00	10.50	6.12	17.35	2,100	190	8.8	18	46	4.1	--	1.06	6.97	
4/1/2008	NP		6.00	10.50	6.48	16.99	2,300	87	2.9	27	68	1.8	--	2.50	7.01	
7/23/2008	NP		6.00	10.50	7.16	16.31	2,900	210	<10	52	78	<10	--	1.4	7.03	
10/22/2008	NP		6.00	10.50	7.77	15.70	4,000	310	7.4	<5.0	7.9	<5.0	--	2.64	7.01	
1/21/2009	P		6.00	10.50	7.26	16.21	2,300	51	<5.0	9.4	17	<5.0	--	0.19	7.18	a
4/21/2009	NP		6.00	10.50	6.83	16.64	2,100	0.69	<0.50	<0.50	11	0.74	--	1.54	7.08	
7/21/2009	--		6.00	10.50	7.57	15.90	--	--	--	--	--	--	--	--	--	
1/12/2010	--		6.00	10.50	6.80	16.67	--	--	--	--	--	--	--	--	--	
6/3/2010	P		6.00	10.50	6.38	17.09	6,200	140	18	78	110	<2.5	--	1.77	6.9	
7/22/2010	--		6.00	10.50	7.08	16.39	--	--	--	--	--	--	--	--	--	
2/18/2011	--		6.00	10.50	6.37	17.10	--	--	--	--	--	--	--	--	--	
8/25/2011	--		6.00	10.50	6.90	16.57	--	--	--	--	--	--	--	--	--	
MW-6																
6/10/1991	--	22.08	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
10/10/1991	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
3/23/1992	--		5.50	9.00	7.45	14.63	75,000	19,000	10,000	1,600	8,600	--	--	--	--	
6/8/1992	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
9/15/1992	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
11/16/1992	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
2/16/1993	--		5.50	9.00	6.79	15.29	65,000	14,000	3,500	1,300	6,100	--	--	--	--	
5/13/1993	--		5.50	9.00	7.73	14.35	36,000	8,200	870	1,000	5,200	--	--	--	--	
8/17/1993	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
11/8/1993	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
2/14/1994	--		5.50	9.00	7.78	14.30	47,000	14,000	390	1,000	5,100	--	--	--	--	
5/5/1994	--		5.50	9.00	8.24	13.84	45,000	14,000	<200	1,300	4,500	--	--	--	--	n
8/4/1994	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b

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ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-6 Cont.																
11/20/1994	--	22.08	5.50	9.00	7.41	14.67	30,000	11,000	<100	1,200	2,300	--	--	--	--	n
3/17/1995	--		5.50	9.00	6.66	15.42	45,000	9,300	<100	1,900	3,600	--	--	--	--	n
6/1/1995	--		5.50	9.00	7.60	14.48	23,000	5,600	<50	1,300	1,900	--	--	--	--	
8/31/1995	--		5.50	9.00	7.92	14.16	26,000	8,000	<100	1,900	900	<500	--	--	--	
11/27/1995	--		5.50	9.00	8.21	13.87	6,700	1,800	<20	480	230	--	--	--	--	
2/22/1996	--		5.50	9.00	6.21	15.87	17,000	3,100	69	810	1,500	<300	--	--	--	
5/20/1996	--		5.50	9.00	7.07	15.01	16,000	3,700	<50	1,100	1,100	<300	--	--	--	
8/26/1996	--		5.50	9.00	7.93	14.15	23,000	5,800	<50	2,000	560	<300	--	--	--	
11/20/1996	--		5.50	9.00	8.02	14.06	11,000	3,300	<50	480	370	<300	--	--	--	j
3/24/1997	--	22.77	5.50	9.00	7.95	14.82	9,700	1,900	<20	800	270	<100	--	--	--	
5/23/1997	--		5.50	9.00	8.17	14.60	16,000	4,300	<50	1,400	180	<300	--	--	--	
8/19/1997	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
11/19/1997	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
2/19/1998	--		5.50	9.00	5.78	16.99	2,600	540	8	90	88	<30	--	--	--	
4/23/1998	--		5.50	9.00	6.83	15.94	7,600	1,300	13	520	190	<60	--	0.5	--	
7/27/1998	--		5.50	9.00	7.80	14.97	15,000	3,600	<25	1,100	230	<150	--	1	--	
10/14/1998	--		5.50	9.00	8.31	14.46	8,700	2,400	<20	220	36	<120	--	2	--	
1/21/1999	--		5.50	9.00	7.90	14.87	4,800	1,100	<25	340	79	<150	--	2	--	
5/6/1999	--		5.50	9.00	7.70	15.07	1,300	240	2.3	85	19	5	--	1.18	--	
8/23/1999	--		5.50	9.00	8.24	14.53	4,200	970	12	110	29	<15	--	0.9	--	
10/28/1999	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
2/4/2000	--		5.50	9.00	7.31	15.46	110	<0.5	0.6	1.5	1.9	11	--	1.1	--	
6/20/2000	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
9/29/2000	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
12/17/2000	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
3/28/2001	--		5.50	9.00	7.57	15.20	--	--	--	--	--	--	--	--	--	b
6/20/2001	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
9/22/2001	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b

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							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-6 Cont.																
12/27/2001	--	22.77	5.50	9.00	7.21	15.56	<50	2.6	0.57	1.1	1.6	<2.5	--	--	--	
3/15/2002	--		5.50	9.00	7.51	15.26	2,100	380	8.6	110	17	<25	--	--	--	
4/18/2002	--		5.50	9.00	6.89	15.88	2,200	440	12	96	14	52	--	--	--	
7/23/2002	NP		5.50	9.00	8.50	14.27	--	--	--	--	--	--	--	--	--	
10/16/2002	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
1/23/2003	--		5.50	9.00	8.05	14.72	<250	58	<2.5	6.2	3.8	17	--	2.1	--	g, h
1/23/2003	NP		5.50	9.00	8.05	14.72	<5,000	<50	<50	<50	<50	<50	--	2.1	6.4	g
4/7/2003	--		5.50	9.00	8.11	14.66	330	13	<0.50	2.7	8.6	15	--	2.2	6.9	
8/7/2003	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
10/23/2003	NP		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	
01/12/2004	NP		5.50	9.00	7.63	15.14	3,600	560	<25	120	<25	150	--	0.6	7.1	
04/20/2004	NP	24.66	5.50	9.00	8.54	16.12	--	--	--	--	--	--	--	--	--	c, r
07/01/2004	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
11/04/2004	NP		5.50	9.00	8.10	16.56	4,900	580	<10	180	30	230	--	2.9	6.9	
01/10/2005	NP		5.50	9.00	7.03	17.63	5,400	540	<25	150	46	240	--	1.29	6.9	
04/14/2005	NP		5.50	9.00	6.85	17.81	3,600	410	5.2	100	25	210	--	2.7	--	
08/02/2005	NP		5.50	9.00	7.28	17.38	4,300	340	<5.0	110	44	150	--	--	6.8	
10/21/2005	NP		5.50	9.00	7.38	17.28	3,400	250	<5.0	80	20	110	--	2.38	6.8	
01/04/2006	NP		5.50	9.00	7.20	17.46	2,800	270	4.0	75	14	130	--	1.07	7.3	
04/28/2006	NP		5.50	9.00	6.60	18.06	4,400	170	<2.5	45	7.2	170	--	1.3	6.8	
8/4/2006	NP		5.50	9.00	7.50	17.16	2,200	93	<2.5	15	9.0	110	--	1.23	6.7	
10/23/2006	--		5.50	9.00	8.48	16.18	--	--	--	--	--	--	--	--	--	
1/15/2007	--		5.50	9.00	8.05	16.61	--	--	--	--	--	--	--	--	--	
4/17/2007	NP		5.50	9.00	7.58	17.08	330	5.6	<1.0	1.5	1.2	24	--	1.82	7.02	
7/9/2007	NP		5.50	9.00	8.34	16.32	1,600	63	1.4	16	9.4	51	--	1.73	7.13	
10/1/2007	--		5.50	9.00	8.60	16.06	--	--	--	--	--	--	--	--	--	
1/7/2008	NP		5.50	9.00	7.22	17.44	300	2.2	<0.50	2.8	1.0	37	--	3.24	7.16	
4/1/2008	NP		5.50	9.00	7.87	16.79	110	<0.50	<0.50	<0.50	<0.50	1.4	--	6.21	7.19	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-6 Cont.																
7/23/2008	--	24.66	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
10/22/2008	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
1/21/2009	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
4/21/2009	--		5.50	9.00	7.91	16.75	--	--	--	--	--	--	--	--	--	c
7/21/2009	--		5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	b
1/12/2010	--		5.50	9.00	8.11	16.55	--	--	--	--	--	--	--	--	--	
6/3/2010	--		5.50	9.00	7.45	17.21	--	--	--	--	--	--	--	--	--	
7/22/2010	--		5.50	9.00	8.19	16.47	--	--	--	--	--	--	--	--	--	
2/18/2011	--		5.50	9.00	7.48	17.18	--	--	--	--	--	--	--	--	--	
8/25/2011	--		5.50	9.00	6.99	17.67	--	--	--	--	--	--	--	--	--	
MW-7																
6/10/1991	--	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
10/10/1991	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
3/23/1992	--		8.00	10.00	8.20	14.69	270	10	0.5	3	13	--	--	--	--	
6/8/1992	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
9/15/1992	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
11/16/1992	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
2/16/1993	--		8.00	10.00	7.84	15.05	120	3.6	<0.5	<0.5	1.2	--	--	--	--	
5/13/1993	--		8.00	10.00	8.56	14.33	<50	0.8	<0.5	<0.5	<0.5	--	--	--	--	
8/17/1993	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
11/8/1993	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
2/14/1994	--		8.00	10.00	8.80	14.09	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
5/5/1994	--		8.00	10.00	9.11	13.78	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
8/4/1994	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
11/20/1994	--		8.00	10.00	8.72	14.17	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
3/17/1995	--		8.00	10.00	7.68	15.21	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
6/1/1995	--		8.00	10.00	8.40	14.49	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
8/31/1995	--		8.00	10.00	9.09	13.80	<50	<0.5	<0.5	0.6	<0.5	<3	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-7 Cont.																
11/27/1995	--	22.89	8.00	10.00	9.15	13.74	<50	<0.5	<0.5	0.9	<0.5	--	--	--	--	
2/22/1996	--		8.00	10.00	7.44	15.45	110	1.4	<0.5	3.8	3	<3	--	--	--	
5/20/1996	--		8.00	10.00	8.47	14.42	--	--	--	--	--	--	--	--	--	
8/26/1996	--		8.00	10.00	8.81	14.08	--	--	--	--	--	--	--	--	--	
11/20/1996	--		8.00	10.00	9.17	13.72	--	--	--	--	--	--	--	--	--	
3/24/1997	--		8.00	10.00	8.31	14.58	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
5/23/1997	--		8.00	10.00	9.26	13.63	--	--	--	--	--	--	--	--	--	
8/19/1997	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
11/19/1997	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
2/19/1998	--		8.00	10.00	6.13	16.76	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
4/23/1998	--		8.00	10.00	7.44	15.45	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.5	--	
7/27/1998	--		8.00	10.00	8.75	14.14	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--	
10/14/1998	--		8.00	10.00	9.22	13.67	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--	
1/21/1999	--		8.00	10.00	9.07	13.82	52	<0.5	<0.5	<0.5	0.27	<3	--	3.0	--	
5/6/1999	--		8.00	10.00	8.32	14.57	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.83	--	
8/23/1999	--		8.00	10.00	9.25	13.64	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.42	--	
10/28/1999	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
2/4/2000	--		8.00	10.00	8.79	14.10	<50	<0.5	<0.5	<0.5	<1	<3	--	4.46	--	
6/20/2000	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
9/29/2000	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
12/17/2000	--		8.00	10.00	8.93	13.96	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
3/28/2001	--		8.00	10.00	8.35	14.54	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
6/20/2001	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
9/22/2001	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
12/27/2001	--		8.00	10.00	8.42	14.47	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
3/15/2002	--		8.00	10.00	8.54	14.35	<50	1.3	2.6	1.1	5.4	<2.5	--	--	--	
4/18/2002	--		8.00	10.00	7.84	15.05	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	3.32	--	
7/23/2002	NP		8.00	10.00	9.51	13.38	--	--	--	--	--	--	--	--	--	

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Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-7 Cont.																
10/16/2002	--	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
1/23/2003	NP		8.00	10.00	8.04	14.85	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.4	6.7	g
4/7/2003	--		8.00	10.00	8.39	14.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.1	6.9	
8/7/2003	--		8.00	10.00	9.01	13.88	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	4.5	6.9	
10/23/2003	NP		8.00	10.00	9.22	13.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	
01/12/2004	NP		8.00	10.00	8.81	14.08	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.8	7.3	
04/20/2004	NP	25.46	8.00	10.00	8.95	16.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.6	7.2	r
07/01/2004	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
11/04/2004	NP		8.00	10.00	9.04	16.42	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.4	7.1	
01/10/2005	NP		8.00	10.00	8.25	17.21	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	7.02	7.0	
04/14/2005	--		8.00	10.00	7.95	17.51	--	--	--	--	--	--	--	--	--	
08/02/2005	NP		8.00	10.00	8.40	17.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	6.8	
10/21/2005	--		8.00	10.00	8.92	16.54	--	--	--	--	--	--	--	--	--	
01/04/2006	--		8.00	10.00	8.62	16.84	--	--	--	--	--	--	--	--	--	
04/28/2006	--		8.00	10.00	7.78	17.68	--	--	--	--	--	--	--	--	--	
8/4/2006	NP		8.00	10.00	8.78	16.68	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	4.49	7.2	
10/23/2006	--		8.00	10.00	9.39	16.07	--	--	--	--	--	--	--	--	--	
1/15/2007	--		8.00	10.00	9.06	16.40	--	--	--	--	--	--	--	--	--	
4/17/2007	--		8.00	10.00	9.12	16.34	--	--	--	--	--	--	--	--	--	
7/9/2007	NP		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
10/1/2007	--		8.00	10.00	9.60	15.86	--	--	--	--	--	--	--	--	--	
1/7/2008	--		8.00	10.00	8.99	16.47	--	--	--	--	--	--	--	--	--	
4/1/2008	--		8.00	10.00	8.35	17.11	--	--	--	--	--	--	--	--	--	
7/23/2008	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
10/22/2008	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b
1/21/2009	--		8.00	10.00	9.35	16.11	--	--	--	--	--	--	--	--	--	
4/21/2009	--		8.00	10.00	8.72	16.74	--	--	--	--	--	--	--	--	--	
7/21/2009	--		8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	b

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Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-7 Cont.																
1/12/2010	--	25.46	8.00	10.00	9.11	16.35	--	--	--	--	--	--	--	--	--	
6/3/2010	--		8.00	10.00	8.34	17.12	--	--	--	--	--	--	--	--	--	
7/22/2010	--		8.00	10.00	9.13	16.33	--	--	--	--	--	--	--	--	--	
2/18/2011	--		8.00	10.00	8.51	16.95	--	--	--	--	--	--	--	--	--	
8/25/2011	--		8.00	10.00	9.11	16.35	--	--	--	--	--	--	--	--	--	
MW-8																
6/10/1991	--	20.97	6.50	10.50	7.80	13.17	5,800	73	7.2	150	21	--	--	--	--	
10/10/1991	--		6.50	10.50	8.87	12.10	2,800	31	6.1	4.5	3.9	--	--	--	--	
3/23/1992	--		6.50	10.50	5.81	15.16	8,000	18	<5	320	42	--	--	--	--	n
6/8/1992	--		6.50	10.50	8.01	12.96	4,000	<10	<10	110	<10	--	--	--	--	n
9/15/1992	--		6.50	10.50	8.80	12.17	4,200	6.4	<5	120	<5	--	--	--	--	n
11/16/1992	--		6.50	10.50	8.19	12.78	2,600	4	<2.5	21	5.2	--	--	--	--	n
2/16/1993	--		6.50	10.50	5.84	15.13	8,700	<5	<5	200	<5	--	--	--	--	n
5/13/1993	--		6.50	10.50	6.93	14.04	2,300	<5	<5	42	<5	--	--	--	--	n
8/17/1993	--		6.50	10.50	7.87	13.10	1,700	1.8	<1.3	16	1.2	--	--	--	--	n
11/8/1993	--		6.50	10.50	8.31	12.66	1,200	2.4	<1	19	2.3	--	--	--	--	n
2/14/1994	--		6.50	10.50	7.00	13.97	3,600	3	<1	72	<1	--	--	--	--	n
5/5/1994	--		6.50	10.50	7.46	13.51	2,100	<2.5	<2.5	8.3	<2.5	--	--	--	--	n
8/4/1994	--		6.50	10.50	8.17	12.80	1,200	1.5	<1	6.7	<1	--	--	--	--	n
11/20/1994	--		6.50	10.50	6.78	14.19	2,300	1.2	1.1	20	2.2	--	--	--	--	
3/17/1995	--		6.50	10.50	6.14	14.83	5,400	<5	<5	35	<5	--	--	--	--	n
6/1/1995	--		6.50	10.50	6.50	14.47	2,600	<2.5	<2.5	15	<2.5	--	--	--	--	
8/31/1995	--		6.50	10.50	7.35	13.62	1,400	<3	<3	5	<3	520	--	--	--	
11/27/1995	--		6.50	10.50	7.60	13.37	620	<0.5	<0.5	<0.5	0.5	560	--	--	--	
2/22/1996	--		6.50	10.50	5.35	15.62	5,800	<5	<5	28	<5	110	--	--	--	
5/20/1996	--		6.50	10.50	5.92	15.05	6,100	<5	<5	26	<5	240	--	--	--	
8/26/1996	--		6.50	10.50	7.08	13.89	970	<1	<1	3	<1	710	--	--	--	
11/20/1996	--		6.50	10.50	7.01	13.96	3,900	<2.5	<2.5	12	<2.5	930	--	--	--	

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							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-8 Cont.																
3/24/1997	--	20.89	6.50	10.50	7.33	13.56	1,400	<10	<10	<10	12	1,300	--	--	--	
5/23/1997	--		6.50	10.50	7.55	13.34	730	<5	<5	<5	<5	630	--	--	--	
8/19/1997	--		6.50	10.50	7.87	13.02	<500	<5	<5	<5	<5	290	--	--	--	
11/19/1997	--		6.50	10.50	7.87	13.02	<200	<2	<2	<2	<2	260	--	--	--	
2/19/1998	--		6.50	10.50	4.46	16.43	2,000	<2	<2	9	<2	140	--	--	--	
4/23/1998	--		6.50	10.50	6.35	14.54	4,500	<5	<5	<5	11	590	--	0.5	--	
7/27/1998	--		6.50	10.50	7.43	13.46	--	--	--	--	--	--	--	--	--	
10/14/1998	--		6.50	10.50	7.79	13.10	--	--	--	--	--	--	--	--	--	
1/21/1999	--		6.50	10.50	6.54	14.35	2,000	<2	<2	3	<2	320	--	2.5	--	
5/6/1999	--		6.50	10.50	7.30	13.59	<50	<0.5	<0.5	<0.5	<0.5	160	--	12.76	--	
8/23/1999	--		6.50	10.50	7.45	13.44	<50	<0.5	<0.5	<0.5	<0.5	5	--	7.85	--	
10/28/1999	--		6.50	10.50	8.22	12.67	160	<0.5	<0.5	<0.5	<1	45	--	0.84	--	
2/4/2000	--		6.50	10.50	8.47	12.42	<50	<0.5	<0.5	<0.5	<1	<3	--	1.92	--	
6/20/2000	--		6.50	10.50	7.23	13.66	150	<0.5	0.9	<0.5	<1.0	310	--	--	--	
9/29/2000	--		6.50	10.50	7.91	12.98	149	<0.5	<0.5	<0.5	<0.5	438	--	--	--	
12/17/2000	--		6.50	10.50	7.11	13.78	662	<5.0	<5.0	<5.0	<5.0	273	--	--	--	
3/28/2001	--		6.50	10.50	6.88	14.01	840	<5.0	<5.0	<5.0	<5.0	320	--	--	--	
6/20/2001	--		6.50	10.50	7.25	13.64	230	<0.5	<0.5	<0.5	0.65	330	--	--	--	
9/22/2001	--		6.50	10.50	8.14	12.75	<50	<0.5	<0.5	<0.5	<0.5	6.5	--	--	--	
12/27/2001	--		6.50	10.50	6.73	14.16	780	<0.5	<0.5	0.6	0.89	160	--	--	--	
3/15/2002	--		6.50	10.50	6.94	13.95	1,100	<10	<10	<10	<10	830	--	--	--	
4/18/2002	--		6.50	10.50	--	--	--	--	--	--	--	--	--	--	--	
7/23/2002	NP		6.50	10.50	7.89	13.00	<50	<0.50	<0.50	<0.50	<0.50	8.7	--	4.5	7.7	
10/16/2002	NP		6.50	10.50	8.13	12.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	4.2	7.5	
1/23/2003	NP		6.50	10.50	6.47	14.42	<50	<0.50	<0.50	<0.50	<0.50	2.6	--	4.0	7.5	g
4/7/2003	--		6.50	10.50	7.49	13.40	<50	<0.50	<0.50	<0.50	<0.50	19	--	4.7	7.5	
8/7/2003	--		6.50	10.50	7.93	12.96	<50	<0.50	<0.50	<0.50	<0.50	0.96	--	14.8	8.3	m
10/23/2003	NP		6.50	10.50	7.83	13.06	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-8 Cont.																
01/12/2004	NP	20.89	6.50	10.50	6.62	14.27	<50	<0.50	<0.50	<0.50	<0.50	13	--	11.2	9.0	
04/20/2004	NP	23.55	6.50	10.50	8.21	15.34	55	<0.50	<0.50	<0.50	<0.50	25	--	10.1	8.7	r
07/01/2004	NP		6.50	10.50	8.48	15.07	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	14.3	8.0	
11/04/2004	NP		6.50	10.50	7.19	16.36	<50	<0.50	<0.50	<0.50	<0.50	13	--	12.0	7.9	
01/10/2005	NP		6.50	10.50	5.42	18.13	<50	<0.50	<0.50	<0.50	<0.50	10	--	2.65	7.1	
04/14/2005	--		6.50	10.50	5.74	17.81	--	--	--	--	--	--	--	--	--	
08/02/2005	NP		6.50	10.50	6.60	16.95	<50	<0.50	<0.50	<0.50	<0.50	16	--	--	7.1	
10/21/2005	--		6.50	10.50	--	--	--	--	--	--	--	--	--	--	--	Well inaccessible p
01/04/2006	--		6.50	10.50	4.97	18.58	--	--	--	--	--	--	--	--	--	
04/28/2006	--		6.50	10.50	5.67	17.88	--	--	--	--	--	--	--	--	--	
8/4/2006	NP		6.50	10.50	7.37	16.18	<50	<0.50	<0.50	<0.50	<0.50	16	--	0.76	7.3	
10/23/2006	--		6.50	10.50	7.74	15.81	--	--	--	--	--	--	--	--	--	
1/15/2007	--		6.50	10.50	7.04	16.51	--	--	--	--	--	--	--	--	--	
4/17/2007	--		6.50	10.50	6.94	16.61	--	--	--	--	--	--	--	--	--	
7/9/2007	NP		6.50	10.50	7.71	15.84	<50	<0.50	<0.50	<0.50	<0.50	17	--	1.90	7.25	
10/1/2007	--		6.50	10.50	8.00	15.55	--	--	--	--	--	--	--	--	--	
1/7/2008	--		6.50	10.50	5.79	17.76	--	--	--	--	--	--	--	--	--	
4/1/2008	--		6.50	10.50	6.89	16.66	--	--	--	--	--	--	--	--	--	
7/23/2008	NP		6.50	10.50	7.80	15.75	<50	<0.50	<0.50	<0.50	<0.50	8.6	--	1.62	7.08	
10/22/2008	--		6.50	10.50	8.19	15.36	--	--	--	--	--	--	--	--	--	
1/21/2009	--		6.50	10.50	7.75	15.80	--	--	--	--	--	--	--	--	--	
4/21/2009	--		6.50	10.50	6.66	16.89	--	--	--	--	--	--	--	--	--	
7/21/2009	P		6.50	10.50	7.86	15.69	<50	<0.50	<0.50	<0.50	<0.50	3.3	--	13.97	7.56	
1/12/2010	--		6.50	10.50	6.89	16.66	--	--	--	--	--	--	--	--	--	
6/3/2010	--		6.50	10.50	6.45	17.10	--	--	--	--	--	--	--	--	--	
7/22/2010	NP		6.50	10.50	7.21	16.34	<50	<0.50	<0.50	<0.50	<0.50	4.3	--	1.05	7.39	
2/18/2011	--		6.50	10.50	6.55	17.00	--	--	--	--	--	--	--	--	--	
8/25/2011	P		6.50	10.50	7.12	16.43	<50	<0.50	<0.50	<0.50	<0.50	0.52	--	0.68	7.5	

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Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-9																
6/11/1993	--	20.89	6.00	19.50	8.15	12.74	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
8/17/1993	--		6.00	19.50	8.53	12.36	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
11/8/1993	--		6.00	19.50	8.87	12.02	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
2/14/1994	--		6.00	19.50	7.47	13.42	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
5/5/1994	--		6.00	19.50	8.04	12.85	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
8/4/1994	--		6.00	19.50	8.78	12.11	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
11/20/1994	--		6.00	19.50	6.83	14.06	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
3/17/1995	--		6.00	19.50	6.94	13.95	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
6/1/1995	--		6.00	19.50	8.15	12.74	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
8/31/1995	--		6.00	19.50	8.10	12.79	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	
11/27/1995	--		6.00	19.50	8.38	12.51	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
2/22/1996	--		6.00	19.50	7.36	13.53	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	
5/20/1996	--		6.00	19.50	7.81	13.08	--	--	--	--	--	--	--	--	--	
8/26/1996	--		6.00	19.50	8.00	12.89	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	
11/20/1996	--		6.00	19.50	7.06	13.83	--	--	--	--	--	--	--	--	--	
3/24/1997	--	22.26	6.00	19.50	7.74	14.52	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	
5/23/1997	--		6.00	19.50	8.28	13.98	--	--	--	--	--	--	--	--	--	
8/19/1997	--		6.00	19.50	8.32	13.94	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	
11/19/1997	--		6.00	19.50	8.32	13.94	--	--	--	--	--	--	--	--	--	
2/19/1998	--		6.00	19.50	7.11	15.15	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	
4/23/1998	--		6.00	19.50	8.18	14.08	--	--	--	--	--	--	--	--	--	
7/27/1998	--		6.00	19.50	7.97	14.29	<50	<0.50	<0.50	<0.50	<0.50	<3	--	3.6	--	
10/14/1998	--		6.00	19.50	8.29	13.97	<50	<0.50	<0.50	<0.50	<0.50	<3	--	2.5	--	
1/21/1999	--		6.00	19.50	7.63	14.63	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.5	--	
5/6/1999	--		6.00	19.50	7.27	14.99	--	--	--	--	--	--	--	--	--	
8/23/1999	--		6.00	19.50	8.24	14.02	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.93	--	
10/28/1999	--		6.00	19.50	8.63	13.63	--	--	--	--	--	--	--	--	--	
2/4/2000	--		6.00	19.50	8.01	14.25	<50	<0.50	1.6	<0.50	<1	<3	--	1.47	--	

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							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-9 Cont.																
6/20/2000	--	22.26	6.00	19.50	8.01	14.25	--	--	--	--	--	--	--	--	--	
9/29/2000	--		6.00	19.50	8.44	13.82	<50	<0.5	<0.5	<0.5	<0.5	3.44	--	--	--	
12/17/2000	--		6.00	19.50	7.84	14.42	--	--	--	--	--	--	--	--	--	
3/28/2001	--		6.00	19.50	7.58	14.68	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
6/20/2001	--		6.00	19.50	7.75	14.51	--	--	--	--	--	--	--	--	--	
9/22/2001	--		6.00	19.50	8.69	13.57	<50	<0.5	<0.5	<0.5	<0.5	7.8	--	--	--	
12/27/2001	--		6.00	19.50	7.15	15.11	--	--	--	--	--	--	--	--	--	
3/15/2002	--		6.00	19.50	7.23	15.03	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
4/18/2002	--		6.00	19.50	6.79	15.47	--	--	--	--	--	--	--	--	--	
7/23/2002	P		6.00	19.50	8.30	13.96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.4	7.2	
10/16/2002	--		6.00	19.50	8.64	13.62	--	--	--	--	--	--	--	--	--	
1/23/2003	P		6.00	19.50	7.35	14.91	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	3.0	7.2	g
4/7/2003	--		6.00	19.50	7.81	14.45	--	--	--	--	--	--	--	--	--	
8/7/2003	--		6.00	19.50	8.31	13.95	--	--	--	--	--	--	--	--	--	
10/23/2003	--		6.00	19.50	8.48	13.78	--	--	--	--	--	--	--	--	--	
01/12/2004	--		6.00	19.50	7.46	14.80	--	--	--	--	--	--	--	--	--	
04/20/2004	--	23.64	6.00	19.50	8.65	14.99	--	--	--	--	--	--	--	--	--	r
07/01/2004	P		6.00	19.50	9.03	14.61	<50	<0.50	<0.50	<0.50	<0.50	3.2	--	1.3	6.9	
11/04/2004	--		6.00	19.50	7.60	16.04	--	--	--	--	--	--	--	--	--	
01/10/2005	--		6.00	19.50	6.24	17.40	--	--	--	--	--	--	--	--	--	
04/14/2005	--		6.00	19.50	6.90	16.74	--	--	--	--	--	--	--	--	--	
08/02/2005	NP		6.00	19.50	7.60	16.04	<50	<0.50	<0.50	<0.50	<0.50	3.8	--	--	7.0	
10/21/2005	--		6.00	19.50	8.09	15.55	--	--	--	--	--	--	--	--	--	
01/04/2006	--		6.00	19.50	6.15	17.49	--	--	--	--	--	--	--	--	--	
04/28/2006	--		6.00	19.50	6.95	16.69	--	--	--	--	--	--	--	--	--	
8/4/2006	NP		6.00	19.50	7.90	15.74	<50	<0.50	<0.50	<0.50	<0.50	4.0	--	1.23	7.3	
10/23/2006	--		6.00	19.50	8.30	15.34	--	--	--	--	--	--	--	--	--	
1/15/2007	--		6.00	19.50	8.82	14.82	--	--	--	--	--	--	--	--	--	

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							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-9 Cont.																
4/17/2007	--	23.64	6.00	19.50	7.89	15.75	--	--	--	--	--	--	--	--	--	
7/9/2007	NP		6.00	19.50	8.28	15.36	<50	<0.50	<0.50	<0.50	<0.50	2.0	--	1.80	7.31	
10/1/2007	--		6.00	19.50	8.50	15.14	--	--	--	--	--	--	--	--	--	
1/7/2008	--		6.00	19.50	8.38	15.26	--	--	--	--	--	--	--	--	--	
4/1/2008	--		6.00	19.50	7.92	15.72	--	--	--	--	--	--	--	--	--	
7/23/2008	NP		6.00	19.50	8.16	15.48	<50	<0.50	<0.50	<0.50	<0.50	5.0	--	1.39	7.23	
10/22/2008	--		6.00	19.50	8.71	14.93	--	--	--	--	--	--	--	--	--	
1/21/2009	--		6.00	19.50	8.30	15.34	--	--	--	--	--	--	--	--	--	
4/21/2009	--		6.00	19.50	7.84	15.80	--	--	--	--	--	--	--	--	--	
7/21/2009	NP		6.00	19.50	8.35	15.29	<50	<0.50	<0.50	<0.50	<0.50	2.6	--	8.05	7.63	
1/12/2010	--		6.00	19.50	7.61	16.03	--	--	--	--	--	--	--	--	--	
6/3/2010	--		6.00	19.50	7.62	16.02	--	--	--	--	--	--	--	--	--	
7/22/2010	NP		6.00	19.50	8.13	15.51	56	<0.50	<0.50	<0.50	<0.50	4.5	--	0.88	7.03	w
2/18/2011	--		6.00	19.50	6.54	17.10	--	--	--	--	--	--	--	--	--	
8/25/2011	P		6.00	19.50	8.05	15.59	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	0.60	7.2	
MW-10																
6/11/1993	--	21.12	6.00	16.50	8.14	12.98	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
8/17/1993	--		6.00	16.50	8.54	12.58	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
11/8/1993	--		6.00	16.50	8.70	12.42	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
2/14/1994	--		6.00	16.50	7.13	13.99	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
5/5/1994	--		6.00	16.50	8.08	13.04	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
8/4/1994	--		6.00	16.50	8.84	12.28	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
11/20/1994	--		6.00	16.50	7.05	14.07	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
3/17/1995	--		6.00	16.50	6.26	14.86	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
6/1/1995	--		6.00	16.50	7.63	13.49	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
8/31/1995	--		6.00	16.50	8.17	12.95	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	
11/27/1995	--		6.00	16.50	8.38	12.74	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	
2/22/1996	--		6.00	16.50	5.41	15.71	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	

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							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-10 Cont.																
5/20/1996	--	21.12	6.00	16.50	6.78	14.34	--	--	--	--	--	--	--	--	--	
8/26/1996	--		6.00	16.50	8.00	13.12	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	
11/20/1996	--		6.00	16.50	7.81	13.31	--	--	--	--	--	--	--	--	--	
3/24/1997	--	21.33	6.00	16.50	7.87	13.46	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	
5/23/1997	--		6.00	16.50	8.33	13.00	--	--	--	--	--	--	--	--	--	
8/19/1997	--		6.00	16.50	8.39	12.94	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	
11/19/1997	--		6.00	16.50	8.39	12.94	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	
2/19/1998	--		6.00	16.50	4.65	16.68	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--	
4/23/1998	--		6.00	16.50	6.28	15.05	<50	<0.50	<0.50	<0.50	<0.50	<3	--	0.5	--	
7/27/1998	--		6.00	16.50	7.97	13.36	<50	<0.50	<0.50	<0.50	<0.50	<3	--	3.3	--	
10/14/1998	--		6.00	16.50	8.41	12.92	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.0	--	
1/21/1999	--		6.00	16.50	6.65	14.68	<50	<0.50	<0.50	<0.50	<0.50	<3	--	0.5	--	
5/6/1999	--		6.00	16.50	7.74	13.59	<50	<0.50	<0.50	<0.50	<0.50	<3	--	0.76	--	
8/23/1999	--		6.00	16.50	8.37	12.96	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.21	--	
10/28/1999	--		6.00	16.50	8.73	12.60	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.12	--	
2/4/2000	--		6.00	16.50	8.78	12.55	<50	<0.50	<0.50	<0.50	<0.50	<3	--	2.84	--	
6/20/2000	--		6.00	16.50	7.99	13.34	<0.5	<0.5	<0.5	<0.5	<0.5	<3.0	--	--	--	
9/29/2000	--		6.00	16.50	8.40	12.93	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
12/17/2000	--		6.00	16.50	7.91	13.42	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
3/28/2001	--		6.00	16.50	7.47	13.86	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
6/20/2001	--		6.00	16.50	8.11	13.22	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
9/22/2001	--		6.00	16.50	8.77	12.56	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
12/27/2001	--		6.00	16.50	6.94	14.39	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
3/15/2002	--		6.00	16.50	7.48	13.85	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
4/18/2002	--		6.00	16.50	6.77	14.56	<50	<0.5	<0.5	<0.5	<0.5	3.8	--	1.22	--	
7/23/2002	NP		6.00	16.50	8.42	12.91	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.0	7.2	
10/16/2002	NP		6.00	16.50	8.77	12.56	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.0	6.4	
1/23/2003	NP		6.00	16.50	7.12	14.21	<50	<0.50	<0.50	<0.50	<0.50	1.4	--	1.3	7.4	g

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-10 Cont.																
4/7/2003	--	21.33	6.00	16.50	7.73	13.60	<50	<0.50	<0.50	<0.50	<0.50	1.6	--	1.3	7.0	
8/7/2003	--		6.00	16.50	8.45	12.88	<50	<0.50	<0.50	<0.50	<0.50	1.5	--	1.3	7.3	
10/23/2003	--		6.00	16.50	8.71	12.62	--	--	--	--	--	--	--	--	--	
01/12/2004	NP		6.00	16.50	7.25	14.08	<50	<0.50	<0.50	<0.50	<0.50	1.7	--	8.2	7.5	
04/20/2004	--	23.42	6.00	16.50	8.15	15.27	--	--	--	--	--	--	--	--	--	r
07/01/2004	NP		6.00	16.50	8.90	14.52	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	1.0	7.1	
11/04/2004	--		6.00	16.50	7.68	15.74	--	--	--	--	--	--	--	--	--	
01/10/2005	NP		6.00	16.50	6.13	17.29	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	0.9	7.3	
04/14/2005	--		6.00	16.50	6.68	16.74	--	--	--	--	--	--	--	--	--	
08/02/2005	NP		6.00	16.50	7.54	15.88	<50	<0.50	<0.50	<0.50	<0.50	1.7	--	--	7.1	
10/21/2005	--		6.00	16.50	8.12	15.30	--	--	--	--	--	--	--	--	--	
01/04/2006	NP		6.00	16.50	5.40	18.02	<50	<0.50	<0.50	<0.50	<0.50	2.0	--	1.4	7.3	
04/28/2006	--		6.00	16.50	6.65	16.77	--	--	--	--	--	--	--	--	--	
8/4/2006	NP		6.00	16.50	8.92	14.50	<50	<0.50	<0.50	<0.50	<0.50	1.8	--	0.87	7.3	
10/23/2006	--		6.00	16.50	8.23	15.19	--	--	--	--	--	--	--	--	--	
1/15/2007	P		6.00	16.50	7.47	15.95	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	1.15	7.21	
4/17/2007	--		6.00	16.50	7.74	15.68	--	--	--	--	--	--	--	--	--	
7/9/2007	NP		6.00	16.50	8.35	15.07	<50	<0.50	<0.50	<0.50	<0.50	2.0	--	2.71	7.48	
10/1/2007	--		6.00	16.50	8.74	14.68	--	--	--	--	--	--	--	--	--	
1/7/2008	NP		6.00	16.50	6.02	17.40	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	1.22	7.41	
4/1/2008	--		6.00	16.50	8.97	14.45	--	--	--	--	--	--	--	--	--	
7/23/2008	NP		6.00	16.50	8.62	14.80	<50	<0.50	<0.50	<0.50	<0.50	1.9	--	1.2	7.35	
10/22/2008	--		6.00	16.50	9.02	14.40	--	--	--	--	--	--	--	--	--	
1/21/2009	P		6.00	16.50	8.55	14.87	<50	<0.50	<0.50	<0.50	<0.50	1.6	--	0.57	7.45	
4/21/2009	--		6.00	16.50	8.15	15.27	--	--	--	--	--	--	--	--	--	
7/21/2009	NP		6.00	16.50	8.81	14.61	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	7.60	7.77	
1/12/2010	P		6.00	16.50	7.90	15.52	<50	<0.50	<0.50	<0.50	<0.50	1.3	--	2.20	7.0	
6/3/2010	--		6.00	16.50	7.53	15.89	--	--	--	--	--	--	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-10 Cont.																
7/22/2010	NP	23.42	6.00	16.50	8.24	15.18	<50	<0.50	<0.50	<0.50	<0.50	1.6	--	--	--	
2/18/2011	NP		6.00	16.50	6.33	17.09	<50	<0.50	<0.50	<0.50	<0.50	1.7	--	0.90	5.6	
8/25/2011	P		6.00	16.50	6.10	17.32	<50	<0.50	<0.50	<0.50	<0.50	1.5	--	0.54	7.2	
MW-11																
11/16/1992	--	22.38	7.00	12.00	9.02	13.36	7,000	21	<10	18	230	--	--	--	--	n
2/16/1993	--		7.00	12.00	7.11	15.27	2,200	<10	<10	11	<10	--	--	--	--	n
5/13/1993	--		7.00	12.00	8.04	14.34	1,600	<2.5	<2.5	41	6.8	--	--	--	--	n
8/17/1993	--		7.00	12.00	8.78	13.60	830	1.4	<1.0	25	15	--	--	--	--	n
11/8/1993	--		7.00	12.00	9.23	13.15	370	<1.0	<1.0	2.5	2.1	--	--	--	--	n
2/14/1994	--		7.00	12.00	7.94	14.44	650	<1	<1.0	2	4	--	--	--	--	n
5/5/1994	--		7.00	12.00	8.55	13.83	210	<0.5	<0.5	2.5	0.6	--	--	--	--	
8/4/1994	--		7.00	12.00	9.13	13.25	390	<0.5	<0.7	1.9	2.2	--	--	--	--	n
11/20/1994	--		7.00	12.00	7.73	14.65	1,300	1.3	0.5	1.5	21	--	--	--	--	
3/17/1995	--		7.00	12.00	6.94	15.44	100	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
6/1/1995	--		7.00	12.00	7.90	14.48	210	<0.5	<0.5	0.9	0.7	--	--	--	--	
8/31/1995	--		7.00	12.00	8.18	14.20	680	<0.5	<0.5	4	1.8	<3	--	--	--	
11/27/1995	--		7.00	12.00	8.48	13.90	340	<0.5	<0.5	2.2	1.6	--	--	--	--	
2/22/1996	--		7.00	12.00	6.63	15.75	150	<0.5	<0.5	<0.8	<0.8	<3	--	--	--	
5/20/1996	--		7.00	12.00	7.25	15.13	--	--	--	--	--	--	--	--	--	
8/26/1996	--		7.00	12.00	8.22	14.16	--	--	--	--	--	--	--	--	--	
11/20/1996	--		7.00	12.00	8.37	14.01	--	--	--	--	--	--	--	--	--	
3/24/1997	--	20.97	7.00	12.00	8.15	12.82	63	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
5/23/1997	--		7.00	12.00	8.48	12.49	--	--	--	--	--	--	--	--	--	
8/19/1997	--		7.00	12.00	8.67	12.30	--	--	--	--	--	--	--	--	--	
11/19/1997	--		7.00	12.00	8.67	12.30	--	--	--	--	--	--	--	--	--	
2/19/1998	--		7.00	12.00	6.25	14.72	<50	<0.5	1.6	<0.5	1.8	7	--	--	--	
4/23/1998	--		7.00	12.00	7.23	13.74	--	--	--	--	--	--	--	--	--	
7/27/1998	--		7.00	12.00	8.05	12.92	--	--	--	--	--	--	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-11 Cont.																
10/14/1998	--	20.97	7.00	12.00	8.58	12.39	--	--	--	--	--	--	--	--	--	
1/21/1999	--		7.00	12.00	8.25	12.72	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.5	--	
5/6/1999	--		7.00	12.00	7.95	13.02	--	--	--	--	--	--	--	--	--	
8/23/1999	--		7.00	12.00	8.51	12.46	--	--	--	--	--	--	--	0.86	--	
10/28/1999	--		7.00	12.00	8.95	12.02	--	--	--	--	--	--	--	--	--	
2/4/2000	--		7.00	12.00	7.88	13.09	<50	<0.5	<0.5	<0.5	<1	<3	--	3.29	--	
6/20/2000	--		7.00	12.00	8.18	12.79	--	--	--	--	--	--	--	--	--	
9/29/2000	--		7.00	12.00	8.60	12.37	--	--	--	--	--	--	--	--	--	
12/17/2000	--		7.00	12.00	8.48	12.49	--	--	--	--	--	--	--	--	--	
3/28/2001	--		7.00	12.00	7.88	13.09	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
6/20/2001	--		7.00	12.00	8.48	12.49	--	--	--	--	--	--	--	--	--	
9/22/2001	--		7.00	12.00	9.11	11.86	--	--	--	--	--	--	--	--	--	
12/27/2001	--		7.00	12.00	7.50	13.47	--	--	--	--	--	--	--	--	--	
3/15/2002	--		7.00	12.00	7.87	13.10	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
4/18/2002	--		7.00	12.00	7.22	13.75	--	--	--	--	--	--	--	--	--	
7/23/2002	--		7.00	12.00	8.76	12.21	--	--	--	--	--	--	--	--	--	
10/16/2002	--		7.00	12.00	9.15	11.82	--	--	--	--	--	--	--	--	--	
1/23/2003	P		7.00	12.00	7.61	13.36	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.4	7.4	g
4/7/2003	--		7.00	12.00	8.25	12.72	--	--	--	--	--	--	--	--	--	
8/7/2003	--		7.00	12.00	8.84	12.13	--	--	--	--	--	--	--	--	--	
10/23/2003	--		7.00	12.00	9.09	11.88	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	
01/12/2004	--		7.00	12.00	7.70	13.27	--	--	--	--	--	--	--	--	--	
04/20/2004	--	24.97	7.00	12.00	9.18	15.79	--	--	--	--	--	--	--	--	--	r
07/01/2004	P		7.00	12.00	9.90	15.07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.8	7.01	o
11/04/2004	--		7.00	12.00	8.21	16.76	--	--	--	--	--	--	--	--	--	
01/10/2005	--		7.00	12.00	6.94	18.03	--	--	--	--	--	--	--	--	--	
04/14/2005	--		7.00	12.00	6.77	18.20	--	--	--	--	--	--	--	--	--	
08/02/2005	--		7.00	12.00	7.57	17.40	--	--	--	--	--	--	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-11 Cont.																
10/21/2005	--	24.97	7.00	12.00	8.08	16.89	--	--	--	--	--	--	--	--	--	
01/04/2006	--		7.00	12.00	7.20	17.77	--	--	--	--	--	--	--	--	--	
04/28/2006	--		7.00	12.00	6.90	18.07	--	--	--	--	--	--	--	--	--	
8/4/2006	--		7.00	12.00	8.32	16.65	--	--	--	--	--	--	--	--	--	
10/23/2006	--		7.00	12.00	8.75	16.22	--	--	--	--	--	--	--	--	--	
1/15/2007	--		7.00	12.00	8.19	16.78	--	--	--	--	--	--	--	--	--	
4/17/2007	--		7.00	12.00	8.32	16.65	--	--	--	--	--	--	--	--	--	
7/9/2007	--		7.00	12.00	8.73	16.24	--	--	--	--	--	--	--	--	--	
10/1/2007	--		7.00	12.00	8.65	16.32	--	--	--	--	--	--	--	--	--	
1/7/2008	--		7.00	12.00	7.52	17.45	--	--	--	--	--	--	--	--	--	
4/1/2008	--		7.00	12.00	8.18	16.79	--	--	--	--	--	--	--	--	--	
7/23/2008	--		7.00	12.00	9.27	15.70	--	--	--	--	--	--	--	--	--	
10/22/2008	--		7.00	12.00	9.11	15.86	--	--	--	--	--	--	--	--	--	
1/21/2009	--		7.00	12.00	8.72	16.25	--	--	--	--	--	--	--	--	--	
4/21/2009	--		7.00	12.00	8.22	16.75	--	--	--	--	--	--	--	--	--	
7/21/2009	--		7.00	12.00	8.98	15.99	--	--	--	--	--	--	--	--	--	
1/12/2010	--		7.00	12.00	8.39	16.58	--	--	--	--	--	--	--	--	--	
6/3/2010	--		7.00	12.00	7.77	17.20	--	--	--	--	--	--	--	--	--	
7/22/2010	--		7.00	12.00	8.41	16.56	--	--	--	--	--	--	--	--	--	
2/18/2011	--		7.00	12.00	7.76	17.21	--	--	--	--	--	--	--	--	--	
8/25/2011	--		7.00	12.00	8.39	16.58	--	--	--	--	--	--	--	--	--	
MW-12																
11/16/1992	--	22.77	7.50	12.50	9.65	13.12	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
2/16/1993	--		7.50	12.50	7.88	14.89	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
5/13/1993	--		7.50	12.50	8.63	14.14	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
8/17/1993	--		7.50	12.50	9.30	13.47	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
11/8/1993	--		7.50	12.50	9.72	13.05	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
2/14/1994	--		7.50	12.50	8.24	14.53	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-12 Cont.																
5/5/1994	--	22.77	7.50	12.50	8.97	13.80	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
8/4/1994	--		7.50	12.50	9.57	13.20	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
11/20/1994	--		7.50	12.50	8.06	14.71	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
3/17/1995	--		7.50	12.50	7.09	15.68	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
6/1/1995	--		7.50	12.50	8.40	14.37	--	--	--	--	--	--	--	--	--	
8/31/1995	--		7.50	12.50	8.55	14.22	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
11/27/1995	--		7.50	12.50	8.95	13.82	--	--	--	--	--	--	--	--	--	
2/22/1996	--		7.50	12.50	6.81	15.96	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
5/20/1996	--		7.50	12.50	7.56	15.21	--	--	--	--	--	--	--	--	--	
8/26/1996	--		7.50	12.50	8.63	14.14	--	--	--	--	--	--	--	--	--	
11/20/1996	--		7.50	12.50	8.38	14.39	--	--	--	--	--	--	--	--	--	
3/24/1997	--	20.11	7.50	12.50	8.75	11.36	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
5/23/1997	--		7.50	12.50	8.92	11.19	--	--	--	--	--	--	--	--	--	
8/19/1997	--		7.50	12.50	9.20	10.91	--	--	--	--	--	--	--	--	--	
11/19/1997	--		7.50	12.50	9.20	10.91	--	--	--	--	--	--	--	--	--	
2/19/1998	--		7.50	12.50	6.28	13.83	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
4/23/1998	--		7.50	12.50	7.52	12.59	--	--	--	--	--	--	--	--	--	
7/27/1998	--		7.50	12.50	8.52	11.59	--	--	--	--	--	--	--	--	--	
10/14/1998	--		7.50	12.50	9.06	11.05	--	--	--	--	--	--	--	--	--	
1/21/1999	--		7.50	12.50	8.20	11.91	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--	
5/6/1999	--		7.50	12.50	8.47	11.64	--	--	--	--	--	--	--	--	--	
8/23/1999	--		7.50	12.50	9.04	11.07	--	--	--	--	--	--	--	0.85	--	
10/28/1999	--		7.50	12.50	9.40	10.71	--	--	--	--	--	--	--	--	--	
2/4/2000	--		7.50	12.50	8.38	11.73	<50	<0.5	<0.5	<0.5	<1	<3	--	3.34	--	
6/20/2000	--		7.50	12.50	8.55	11.56	--	--	--	--	--	--	--	--	--	
9/29/2000	--		7.50	12.50	8.98	11.13	--	--	--	--	--	--	--	--	--	
12/17/2000	--		7.50	12.50	8.76	11.35	--	--	--	--	--	--	--	--	--	
3/28/2001	--		7.50	12.50	8.31	11.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-12 Cont.																
6/20/2001	--	20.11	7.50	12.50	9.10	11.01	--	--	--	--	--	--	--	--	--	
9/22/2001	--		7.50	12.50	9.48	10.63	--	--	--	--	--	--	--	--	--	
12/27/2001	--		7.50	12.50	7.78	12.33	--	--	--	--	--	--	--	--	--	
3/15/2002	--		7.50	12.50	8.22	11.89	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
4/18/2002	--		7.50	12.50	7.65	12.46	--	--	--	--	--	--	--	--	--	
7/23/2002	--		7.50	12.50	9.18	10.93	--	--	--	--	--	--	--	--	--	
10/16/2002	--		7.50	12.50	9.51	10.60	--	--	--	--	--	--	--	--	--	
1/23/2003	--		7.50	12.50	7.86	12.25	--	--	--	--	--	--	--	--	--	
4/7/2003	--		7.50	12.50	8.58	11.53	--	--	--	--	--	--	--	--	--	
8/7/2003	--		7.50	12.50	9.23	10.88	--	--	--	--	--	--	--	--	--	
10/23/2003	P		7.50	12.50	9.44	10.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	
01/12/2004	--		7.50	12.50	8.08	12.03	--	--	--	--	--	--	--	--	--	
04/20/2004	--	25.32	7.50	12.50	9.28	16.04	--	--	--	--	--	--	--	--	--	r
07/01/2004	P		7.50	12.50	9.65	15.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.8	7.0	
11/04/2004	--		7.50	12.50	8.53	16.79	--	--	--	--	--	--	--	--	--	
01/10/2005	--		7.50	12.50	7.04	18.28	--	--	--	--	--	--	--	--	--	
04/14/2005	--		7.50	12.50	6.95	18.37	--	--	--	--	--	--	--	--	--	
08/02/2005	--		7.50	12.50	8.05	17.27	--	--	--	--	--	--	--	--	--	
10/21/2005	--		7.50	12.50	8.70	16.62	--	--	--	--	--	--	--	--	--	
01/04/2006	--		7.50	12.50	10.00	15.32	--	--	--	--	--	--	--	--	--	
04/28/2006	--		7.50	12.50	7.19	18.13	--	--	--	--	--	--	--	--	--	
8/4/2006	--		7.50	12.50	8.80	16.52	--	--	--	--	--	--	--	--	--	
10/23/2006	--		7.50	12.50	9.17	16.15	--	--	--	--	--	--	--	--	--	
1/15/2007	--		7.50	12.50	8.57	16.75	--	--	--	--	--	--	--	--	--	
4/17/2007	--		7.50	12.50	8.68	16.64	--	--	--	--	--	--	--	--	--	
7/9/2007	--		7.50	12.50	9.18	16.14	--	--	--	--	--	--	--	--	--	
10/1/2007	--		7.50	12.50	9.45	15.87	--	--	--	--	--	--	--	--	--	
1/7/2008	--		7.50	12.50	7.58	17.74	--	--	--	--	--	--	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-12 Cont.																
4/1/2008	--	25.32	7.50	12.50	8.57	16.75	--	--	--	--	--	--	--	--	--	
7/23/2008	--		7.50	12.50	9.34	15.98	--	--	--	--	--	--	--	--	--	
10/22/2008	--		7.50	12.50	9.64	15.68	--	--	--	--	--	--	--	--	--	
1/21/2009	--		7.50	12.50	9.25	16.07	--	--	--	--	--	--	--	--	--	
4/21/2009	--		7.50	12.50	8.66	16.66	--	--	--	--	--	--	--	--	--	
7/21/2009	--		7.50	12.50	9.42	15.90	--	--	--	--	--	--	--	--	--	
1/12/2010	--		7.50	12.50	8.86	16.46	--	--	--	--	--	--	--	--	--	
6/3/2010	--		7.50	12.50	8.20	17.12	--	--	--	--	--	--	--	--	--	
7/22/2010	--		7.50	12.50	8.90	16.42	--	--	--	--	--	--	--	--	--	
2/18/2011	--		7.50	12.50	7.80	17.52	--	--	--	--	--	--	--	--	--	
8/25/2011	--		7.50	12.50	8.89	16.43	--	--	--	--	--	--	--	--	--	
MW-13																
11/16/1992	--	22.45	--	--	9.02	13.43	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
2/16/1993	--		--	--	7.14	15.31	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
5/13/1993	--		--	--	7.95	14.50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
8/17/1993	--		--	--	8.57	13.88	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
11/8/1993	--		--	--	8.86	13.59	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
2/14/1994	--		--	--	7.78	14.67	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
5/5/1994	--		--	--	8.38	14.07	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
8/4/1994	--		--	--	8.78	13.67	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
11/20/1994	--		--	--	7.68	14.77	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
3/17/1995	--		--	--	6.91	15.54	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
6/1/1995	--		--	--	7.72	14.73	--	--	--	--	--	--	--	--	--	
8/31/1995	--		--	--	7.58	14.87	--	--	--	--	--	--	--	--	--	
11/27/1995	--		--	--	7.98	14.47	--	--	--	--	--	--	--	--	--	
2/22/1996	--		--	--	6.71	15.74	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
5/20/1996	--		--	--	6.98	15.47	--	--	--	--	--	--	--	--	--	
8/26/1996	--		--	--	7.85	14.60	--	--	--	--	--	--	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-13 Cont.																
11/20/1996	--	22.45	--	--	7.76	14.69	--	--	--	--	--	--	--	--	--	
3/24/1997	--	20.75	--	--	7.85	12.90	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
5/23/1997	--		--	--	8.16	12.59	--	--	--	--	--	--	--	--	--	
8/19/1997	--		--	--	8.40	12.35	--	--	--	--	--	--	--	--	--	
11/19/1997	--		--	--	8.40	12.35	--	--	--	--	--	--	--	--	--	
2/19/1998	--		--	--	6.44	14.31	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
4/23/1998	--		--	--	6.80	13.95	--	--	--	--	--	--	--	--	--	
7/27/1998	--		--	--	7.52	13.23	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--	
10/14/1998	--		--	--	8.15	12.60	<50	<0.5	<0.5	<0.5	<0.5	<3	--	2.0	--	
1/21/1999	--		--	--	7.85	12.90	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--	
5/6/1999	--		--	--	7.82	12.93	--	--	--	--	--	--	--	--	--	
8/23/1999	--		--	--	8.29	12.46	--	--	--	--	--	--	--	0.94	--	
10/28/1999	--		--	--	8.55	12.20	--	--	--	--	--	--	--	--	--	
2/4/2000	--		--	--	8.11	12.64	<50	<0.5	0.6	<0.5	<1	<3	--	1.27	--	
6/20/2000	--		--	--	7.56	13.19	--	--	--	--	--	--	--	--	--	
9/29/2000	--		--	--	8.27	12.48	--	--	--	--	--	--	--	--	--	
12/17/2000	--		--	--	8.09	12.66	--	--	--	--	--	--	--	--	--	
3/28/2001	--		--	--	7.69	13.06	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
6/20/2001	--		--	--	8.46	12.29	--	--	--	--	--	--	--	--	--	
9/22/2001	--		--	--	8.57	12.18	--	--	--	--	--	--	--	--	--	
12/27/2001	--		--	--	7.14	13.61	--	--	--	--	--	--	--	--	--	
3/15/2002	--		--	--	7.62	13.13	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
4/18/2002	--		--	--	6.91	13.84	--	--	--	--	--	--	--	--	--	
7/23/2002	--		--	--	8.50	12.25	--	--	--	--	--	--	--	--	--	
10/16/2002	--		--	--	8.74	12.01	--	--	--	--	--	--	--	--	--	
1/23/2003	P		--	--	7.35	13.40	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	3.4	7.0	g
4/7/2003	--		--	--	7.99	12.76	--	--	--	--	--	--	--	--	--	
8/7/2003	--		--	--	8.60	12.15	--	--	--	--	--	--	--	--	--	

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ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-13 Cont.																
10/23/2003	P	20.75	--	--	8.55	12.20	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	
01/12/2004	--		--	--	7.56	13.19	--	--	--	--	--	--	--	--	--	
04/20/2004	--	25.01	--	--	4.57	20.44	--	--	--	--	--	--	--	--	--	r
07/01/2004	P		--	--	8.71	16.30	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.4	6.9	
11/04/2004	--		--	--	7.79	17.22	--	--	--	--	--	--	--	--	--	
01/10/2005	--		--	--	6.80	18.21	--	--	--	--	--	--	--	--	--	
04/14/2005	--		--	--	6.88	18.13	--	--	--	--	--	--	--	--	--	
08/02/2005	--		--	--	7.15	17.86	--	--	--	--	--	--	--	--	--	
10/21/2005	--		--	--	7.96	17.05	--	--	--	--	--	--	--	--	--	
01/04/2006	--		--	--	7.64	17.37	--	--	--	--	--	--	--	--	--	
04/28/2006	--		--	--	6.97	18.04	--	--	--	--	--	--	--	--	--	
8/4/2006	--		--	--	8.18	16.83	--	--	--	--	--	--	--	--	--	
10/23/2006	--		--	--	8.51	16.50	--	--	--	--	--	--	--	--	--	
1/15/2007	--		--	--	7.91	17.10	--	--	--	--	--	--	--	--	--	
4/17/2007	--		--	--	8.04	16.97	--	--	--	--	--	--	--	--	--	
7/9/2007	--		--	--	8.50	16.51	--	--	--	--	--	--	--	--	--	
10/1/2007	--		--	--	8.72	16.29	--	--	--	--	--	--	--	--	--	
1/7/2008	--		--	--	8.27	16.74	--	--	--	--	--	--	--	--	--	
4/1/2008	--		--	--	7.88	17.13	--	--	--	--	--	--	--	--	--	
7/23/2008	--		--	--	6.40	18.61	--	--	--	--	--	--	--	--	--	
10/22/2008	--		--	--	8.86	16.15	--	--	--	--	--	--	--	--	--	
1/21/2009	--		--	--	8.54	16.47	--	--	--	--	--	--	--	--	--	
4/21/2009	--		--	--	7.96	17.05	--	--	--	--	--	--	--	--	--	
7/21/2009	--		--	--	8.77	16.24	--	--	--	--	--	--	--	--	--	
1/12/2010	--		--	--	8.21	16.80	--	--	--	--	--	--	--	--	--	
6/3/2010	--		--	--	7.51	17.50	--	--	--	--	--	--	--	--	--	
7/22/2010	--		--	--	8.18	16.83	--	--	--	--	--	--	--	--	--	
2/18/2011	--		--	--	7.28	17.73	--	--	--	--	--	--	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-13 Cont.																
8/25/2011	--	25.01	--	--	8.20	16.81	--	--	--	--	--	--	--	--	--	
MW-14																
9/15/1992	--	22.99	7.50	13.50	10.66	12.33	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
11/16/1992	--		7.50	13.50	10.33	12.66	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
2/16/1993	--		7.50	13.50	8.18	14.81	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
5/13/1993	--		7.50	13.50	9.05	13.94	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
8/17/1993	--		7.50	13.50	22.99	0.00	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
11/8/1993	--		7.50	13.50	10.25	12.74	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
2/14/1994	--		7.50	13.50	8.80	14.19	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
5/5/1994	--		7.50	13.50	9.49	13.50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
8/4/1994	--		7.50	13.50	10.11	12.88	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
11/20/1994	--		7.50	13.50	8.66	14.33	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
3/17/1995	--		7.50	13.50	8.17	14.82	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
6/1/1995	--		7.50	13.50	8.57	14.42	--	--	--	--	--	--	--	--	--	
8/31/1995	--		7.50	13.50	9.05	13.94	--	--	--	--	--	--	--	--	--	
11/27/1995	--		7.50	13.50	9.19	13.80	--	--	--	--	--	--	--	--	--	
2/22/1996	--		7.50	13.50	6.52	16.47	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
5/20/1996	--		7.50	13.50	7.88	15.11	--	--	--	--	--	--	--	--	--	
8/26/1996	--		7.50	13.50	8.83	14.16	--	--	--	--	--	--	--	--	--	
11/20/1996	--		7.50	13.50	8.95	14.04	--	--	--	--	--	--	--	--	--	
3/24/1997	--	20.90	7.50	13.50	8.98	11.92	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
5/23/1997	--		7.50	13.50	9.61	11.29	--	--	--	--	--	--	--	--	--	
8/19/1997	--		7.50	13.50	9.80	11.10	--	--	--	--	--	--	--	--	--	
11/19/1997	--		7.50	13.50	9.80	11.10	<50	1.7	<0.5	0.6	3	<3	--	--	--	
2/19/1998	--		7.50	13.50	6.27	14.63	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
4/23/1998	--		7.50	13.50	7.75	13.15	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.5	--	
7/27/1998	--		7.50	13.50	9.24	11.66	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.0	--	
10/14/1998	--		7.50	13.50	9.73	11.17	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.0	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-14 Cont.																
1/21/1999	--	20.90	7.50	13.50	8.90	12.00	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--	
5/6/1999	--		7.50	13.50	8.98	11.92	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.73	--	
8/23/1999	--		7.50	13.50	9.68	11.22	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.91	--	
10/28/1999	--		7.50	13.50	10.00	10.90	<50	<0.5	<0.5	<0.5	<1	<10	--	1.06	--	
2/4/2000	--		7.50	13.50	8.19	12.71	<50	<0.5	0.5	<0.5	<1	<3	--	1.21	--	
6/20/2000	--		7.50	13.50	9.16	11.74	<50	<0.5	<0.5	<0.5	<1.0	<10	--	--	--	
9/29/2000	--		7.50	13.50	9.48	11.42	<50	<0.5	<0.5	<0.5	<0.5	<2.50	--	--	--	
12/17/2000	--		7.50	13.50	9.24	11.66	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
3/28/2001	--		7.50	13.50	8.91	11.99	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
6/20/2001	--		7.50	13.50	9.70	11.20	<50	<0.5	<0.5	<0.5	<0.5	3.1	--	--	--	
9/22/2001	--		7.50	13.50	10.04	10.86	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
12/27/2001	--		7.50	13.50	8.33	12.57	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
3/15/2002	--		7.50	13.50	8.75	12.15	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
4/18/2002	--		7.50	13.50	8.21	12.69	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
7/23/2002	NP		7.50	13.50	9.76	11.14	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.4	7.1	
10/16/2002	NP		7.50	13.50	10.10	10.80	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.1	5.8	
1/23/2003	NP		7.50	13.50	8.41	12.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.3	7.1	g
4/7/2003	--		7.50	13.50	9.09	11.81	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.4	6.9	
8/7/2003	--		7.50	13.50	9.81	11.09	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.4	6.7	
10/23/2003	P		7.50	13.50	10.04	10.86	--	--	--	--	--	--	--	--	--	
01/12/2004	P		7.50	13.50	8.89	12.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.0	7.2	
04/20/2004	--	25.55	7.50	13.50	9.62	15.93	--	--	--	--	--	--	--	--	--	r
07/01/2004	NP		7.50	13.50	10.03	15.52	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.6	6.7	
11/04/2004	--		7.50	13.50	9.13	16.42	--	--	--	--	--	--	--	--	--	
01/10/2005	NP		7.50	13.50	7.61	17.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.06	6.9	
04/14/2005	--		7.50	13.50	7.70	17.85	--	--	--	--	--	--	--	--	--	
08/02/2005	NP		7.50	13.50	8.73	16.82	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	6.9	
10/21/2005	--		7.50	13.50	9.47	16.08	--	--	--	--	--	--	--	--	--	

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ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-14 Cont.																
01/04/2006	--	25.55	7.50	13.50	6.92	18.63	--	--	--	--	--	--	--	--	--	
04/28/2006	--		7.50	13.50	7.71	17.84	--	--	--	--	--	--	--	--	--	
8/4/2006	NP		7.50	13.50	9.32	16.23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	0.95	6.8	
10/23/2006	--		7.50	13.50	9.66	15.89	--	--	--	--	--	--	--	--	--	
1/15/2007	--		7.50	13.50	9.05	16.50	--	--	--	--	--	--	--	--	--	
4/17/2007	--		7.50	13.50	9.16	16.39	--	--	--	--	--	--	--	--	--	
7/9/2007	NP		7.50	13.50	9.67	15.88	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.87	7.13	
10/1/2007	--		7.50	13.50	9.95	15.60	--	--	--	--	--	--	--	--	--	
1/7/2008	--		7.50	13.50	8.74	16.81	--	--	--	--	--	--	--	--	--	
4/1/2008	--		7.50	13.50	9.13	16.42	--	--	--	--	--	--	--	--	--	
7/23/2008	NP		7.50	13.50	9.86	15.69	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.18	6.93	
10/22/2008	--		7.50	13.50	10.20	15.35	--	--	--	--	--	--	--	--	--	
1/21/2009	--		7.50	13.50	9.81	15.74	--	--	--	--	--	--	--	--	--	
4/21/2009	--		7.50	13.50	9.22	16.33	--	--	--	--	--	--	--	--	--	
7/21/2009	NP		7.50	13.50	9.90	15.65	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	11.04	7.21	
1/12/2010	--		7.50	13.50	9.31	16.24	--	--	--	--	--	--	--	--	--	
6/3/2010	--		7.50	13.50	8.71	16.84	--	--	--	--	--	--	--	--	--	
7/22/2010	NP		7.50	13.50	9.45	16.10	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	
2/18/2011	--		7.50	13.50	7.92	17.63	--	--	--	--	--	--	--	--	--	
8/25/2011	P		7.50	13.50	9.43	16.12	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	0.58	7.1	
MW-15																
5/13/1993	--	19.19	5.50	10.50	5.91	13.28	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
8/17/1993	--		5.50	10.50	6.54	12.65	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
11/8/1993	--		5.50	10.50	6.98	12.21	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
2/14/1994	--		5.50	10.50	5.44	13.75	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
5/5/1994	--		5.50	10.50	6.18	13.01	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
8/4/1994	--		5.50	10.50	6.84	12.35	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
11/20/1994	--		5.50	10.50	5.31	13.88	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	

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Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-15 Cont.																
3/17/1995	--	19.19	5.50	10.50	5.21	13.98	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
6/1/1995	--		5.50	10.50	5.84	13.35	--	--	--	--	--	--	--	--	--	
8/31/1995	--		5.50	10.50	6.18	13.01	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	
11/27/1995	--		5.50	10.50	6.42	12.77	--	--	--	--	--	--	--	--	--	
2/22/1996	--		5.50	10.50	4.84	14.35	<50	<0.5	<0.5	<0.5	<0.5	12	--	--	--	
5/20/1996	--		5.50	10.50	5.31	13.88	--	--	--	--	--	--	--	--	--	
8/26/1996	--		5.50	10.50	6.05	13.14	<50	<0.5	<0.5	<0.5	<0.5	8	--	--	--	
11/20/1996	--		5.50	10.50	5.46	13.73	--	--	--	--	--	--	--	--	--	
3/24/1997	--	22.08	5.50	10.50	6.00	16.08	<50	<0.5	<0.5	<0.5	<0.5	15	--	--	--	
5/23/1997	--		5.50	10.50	6.25	15.83	--	--	--	--	--	--	--	--	--	
8/19/1997	--		5.50	10.50	6.34	15.74	99	<0.5	<0.5	<0.5	0.7	6	--	--	--	j
11/19/1997	--		5.50	10.50	6.34	15.74	--	--	--	--	--	--	--	--	--	
2/19/1998	--		5.50	10.50	4.66	17.42	<50	<0.5	<0.5	<0.5	<0.5	48	--	--	--	
4/23/1998	--		5.50	10.50	5.18	16.90	--	--	--	--	--	--	--	--	--	
7/27/1998	--		5.50	10.50	6.02	16.06	<50	<0.5	<0.5	<0.5	<0.5	50	--	1.0	--	
10/14/1998	--		5.50	10.50	6.26	15.82	<50	<0.5	<0.5	<0.5	<0.5	27	--	1.5	--	
1/21/1999	--		5.50	10.50	5.33	16.75	<50	<0.5	<0.5	<0.5	<0.5	6	--	1.0	--	
5/6/1999	--		5.50	10.50	5.82	16.26	--	--	--	--	--	--	--	--	--	
8/23/1999	--		5.50	10.50	6.24	15.84	<50	<0.5	<0.5	<0.5	<0.5	21	--	1.14	--	
10/28/1999	--		5.50	10.50	6.60	15.48	--	--	--	--	--	--	--	--	--	
2/4/2000	--		5.50	10.50	7.02	15.06	<50	<0.5	<0.5	<0.5	<1	<3	--	1.09	--	
6/20/2000	--		5.50	10.50	5.98	16.10	--	--	--	--	--	--	--	--	--	
9/29/2000	--		5.50	10.50	6.50	15.58	<50	<0.5	<0.5	<0.5	<0.5	<2.50	--	--	--	
12/17/2000	--		5.50	10.50	5.89	16.19	--	--	--	--	--	--	--	--	--	
3/28/2001	--		5.50	10.50	5.78	16.30	<50	<0.5	<0.5	<0.5	<0.5	11.1	--	--	--	
6/20/2001	--		5.50	10.50	5.72	16.36	--	--	--	--	--	--	--	--	--	
9/22/2001	--		5.50	10.50	6.79	15.29	<50	<0.5	<0.5	<0.5	<0.5	13	--	--	--	
12/27/2001	--		5.50	10.50	5.49	16.59	--	--	--	--	--	--	--	--	--	

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Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-15 Cont.																
3/15/2002	--	22.08	5.50	10.50	5.68	16.40	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	
4/18/2002	--		5.50	10.50	4.85	17.23	--	--	--	--	--	--	--	--	--	
7/23/2002	P		5.50	10.50	6.32	15.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	2.0	7.9	
10/16/2002	--		5.50	10.50	6.69	15.39	--	--	--	--	--	--	--	--	--	
1/23/2003	P		5.50	10.50	5.70	16.38	<50	<0.50	<0.50	<0.50	<0.50	1.9	--	2.6	7.5	g
4/7/2003	--		5.50	10.50	5.94	16.14	--	--	--	--	--	--	--	--	--	
8/7/2003	--		5.50	10.50	6.32	15.76	--	--	--	--	--	--	--	--	--	
10/23/2003	--		5.50	10.50	6.56	15.52	--	--	--	--	--	--	--	--	--	
01/12/2004	--		5.50	10.50	5.71	16.37	--	--	--	--	--	--	--	--	--	
04/20/2004	--	21.72	5.50	10.50	7.10	14.62	--	--	--	--	--	--	--	--	--	r
07/01/2004	P		5.50	10.50	7.18	14.54	<50	<0.50	<0.50	<0.50	<0.50	1.9	--	1.6	7.3	
11/04/2004	--		5.50	10.50	5.90	15.82	--	--	--	--	--	--	--	--	--	
01/10/2005	--		5.50	10.50	5.30	16.42	--	--	--	--	--	--	--	--	--	
04/14/2005	--		5.50	10.50	5.40	16.32	--	--	--	--	--	--	--	--	--	
08/02/2005	P		5.50	10.50	5.33	16.39	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	6.5	
10/21/2005	--		5.50	10.50	5.92	15.80	--	--	--	--	--	--	--	--	--	
01/04/2006	--		5.50	10.50	5.19	16.53	--	--	--	--	--	--	--	--	--	
04/28/2006	--		5.50	10.50	5.45	16.27	--	--	--	--	--	--	--	--	--	
8/4/2006	P		5.50	10.50	5.99	15.73	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	1.49	7.1	
10/23/2006	--		5.50	10.50	6.36	15.36	--	--	--	--	--	--	--	--	--	
1/15/2007	--		5.50	10.50	6.00	15.72	--	--	--	--	--	--	--	--	--	
4/17/2007	--		5.50	10.50	5.98	15.74	--	--	--	--	--	--	--	--	--	
7/9/2007	NP		5.50	10.50	6.26	15.46	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.77	7.44	
10/1/2007	--		5.50	10.50	6.53	15.19	--	--	--	--	--	--	--	--	--	
1/7/2008	--		5.50	10.50	6.12	15.60	--	--	--	--	--	--	--	--	--	
4/1/2008	--		5.50	10.50	5.92	15.80	--	--	--	--	--	--	--	--	--	
7/23/2008	NP		5.50	10.50	6.30	15.42	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.07	7.32	
10/22/2008	--		5.50	10.50	6.69	15.03	--	--	--	--	--	--	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	Semi-VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-15 Cont.																
1/21/2009	--	21.72	5.50	10.50	6.22	15.50	--	--	--	--	--	--	--	--	--	
4/21/2009	--		5.50	10.50	5.79	15.93	--	--	--	--	--	--	--	--	--	
7/21/2009	NP		5.50	10.50	6.34	15.38	<50	<0.50	<0.50	<0.50	<0.50	1.4	--	9.63	7.63	
1/12/2010	--		5.50	10.50	5.93	15.79	--	--	--	--	--	--	--	--	--	
6/3/2010	--		5.50	10.50	5.79	15.93	--	--	--	--	--	--	--	--	--	
7/22/2010	P		5.50	10.50	6.25	15.47	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.11	7.30	
2/18/2011	--		5.50	10.50	8.48	13.24	--	--	--	--	--	--	--	--	--	
8/25/2011	P		5.50	10.50	6.07	15.65	<50	<0.50	<0.50	<0.50	<0.50	2.9	--	0.88	7.2	
MW-16																
7/21/2009	P	22.89	--	--	12.90	9.99	1,500	2.3	13	36	300	0.68	--	14.83	7.71	
1/12/2010	P		--	--	6.67	16.22	1,700	6.8	4.3	71	48	<0.50	--	1.24	6.8	
6/3/2010	P		--	--	6.13	16.76	4,100	28	9.2	420	170	<1.0	--	--	7.10	
7/22/2010	NP		--	--	6.83	16.06	6,400	34	13	570	210	<1.0	--	0.68	6.95	
2/18/2011	NP		--	--	5.60	17.29	1,100	6.1	2.2	8.7	23	<0.50	--	1.18	6.66	
8/25/2011	P		--	--	6.70	16.19	2,800	31	17	180	480	<4.0	--	0.75	7.0	
MW-17																
7/21/2009	P	23.42	--	--	7.58	15.84	3,700	61	160	150	1,300	2.8	--	11.48	7.57	
1/12/2010	P		--	--	6.98	16.44	11,000	110	72	1,100	1,600	<10	--	1.02	6.80	
6/3/2010	P		--	--	6.37	17.05	19,000	140	45	1,200	2,600	<25	--	1.26	6.99	
7/22/2010	NP		--	--	7.05	16.37	21,000	160	63	1,300	2,800	<25	--	0.50	7.00	
2/18/2011	NP		--	--	6.33	17.09	9,400	58	<10	480	930	<10	--	2.84	6.7	
8/25/2011	P		--	--	6.96	16.46	5,500	140	<10	250	870	<10	--	0.47	7.1	
MW-18																
7/21/2009	P	24.48	--	--	8.73	15.75	290	1.1	<0.50	8.0	1.4	4.8	--	14.25	7.69	
1/12/2010	P		--	--	7.95	16.53	1,000	2.4	<1.0	57	<1.0	5.8	--	1.79	6.8	
6/3/2010	--		--	--	7.33	17.15	--	--	--	--	--	--	--	--	--	

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

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	P/NP	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Water Level Elevation (feet)	Concentrations in µg/L							DO (mg/L)	pH	Footnote
							GRO/ TPHg	Benzene	Toluene	Ethyl- Benzene	Total Xylenes	MTBE	Semi- VOCs			
ESL - DW							100	1.0	40	30	20	5.0				
ESL - NDW							210	46	130	43	100	1,800				
MW-18 Cont.																
7/22/2010	NP	24.48	--	--	8.02	16.46	760	3.5	<0.50	27	<0.50	5.1	--	0.71	7.09	w
2/18/2011	NP		--	--	7.38	17.10	360	<0.50	<0.50	<0.50	<0.50	3.8	--	2.80	6.9	x (GRO)
8/25/2011	P		--	--	8.00	16.48	640	3.4	<0.50	4.1	<0.50	4.9	--	0.61	7.1	x (GRO)
MW-19																
7/21/2009	P	25.10	--	--	9.34	15.76	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	13.65	8.03	
1/12/2010	--		--	--	6.75	18.35	--	--	--	--	--	--	--	--	--	
6/3/2010	--		--	--	8.14	16.96	--	--	--	--	--	--	--	--	--	
2/18/2011	--		--	--	7.51	17.59	--	--	--	--	--	--	--	--	--	
8/25/2011	P		--	--	6.02	19.08	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.35	7.2	
SB-1																
3/9/2011	--	NS	--	--	--	--	19,000	120	<50	76	<50	<50	--	--	--	x (GRO), SB-1-GW
SB-2																
3/9/2011	--	NS	--	--	--	--	140,000	380	<12	130	<12	<12	--	--	--	SB-2-GW
SB-3																
3/9/2011	--	NS	--	--	--	--	9,400	2.5	2.3	1.9	3.4	2.1	--	--	--	x (GRO), SB-3-GW
SB-4																
3/9/2011	--	NS	--	--	--	--	12,000	<2.0	<2.0	9.1	<2.0	2.2	--	--	--	x (GRO), SB-4-GW

Symbols & Abbreviations:

-- = Not analyzed/applicable/measured/available
< = Not detected at or above specified laboratory reporting limit
DO = Dissolved oxygen
DTW = Depth to water in ft bgs
ft bgs = Feet below ground surface
GRO = Gasoline range organics, range C4-C12
GWE = Groundwater elevation measured in ft
mg/L = Milligrams per liter
MTBE = Methyl tert-butyl ether
NP = Well not purged before sampling
P = Well purged before sampling
Semi-VOCs = Semivolatile organic compounds
TOC = Top of casing in ft
TPH-g = Total petroleum hydrocarbons as gasoline
g/L = Micrograms per liter
ND = Not detected above the various semi-VOCs laboratory reporting limits

Footnotes:

a = Sheen in well
b = Well is dry
c = Insufficient water to sample
d = Chromatogram Pattern: Gasoline C6-C10
e = Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel
g = TPH, benzene, toluene, ethylbenzene, and total xylenes (BTEX), and MTBE analyzed by EPA Method 8260B beginning on the 1st quarter 2003 sampling event (1/23/03)
h = This sample was re-extracted beyond the EPA recommended holding time. The results may still be useful for their intended purpose
i = GWE adjusted using the formula $GWE = (TOC - DTW) + (\text{free product (FP) thickness} \times 0.8)$
j = Sample contains a higher boiling point hydrocarbon mixture quantitated as gasoline. The chromatogram did not match the typical gasoline fingerprint
k = DO reading not taken due to the presence of sheen
l = FP in well
m = Gauged with ORC sock in well
n = Method reporting limit for benzene, toluene, ethylbenzene, and/or total xylenes was raised due to high analyte concentration requiring sample dilution or matrix interference
o = Well dewatered
p = Well inaccessible
q = Insufficient sample available to follow standard QC procedures
r = Wells resurveyed February 27, 2004
s = Reporting limits elevated due to matrix interferences (SVOCs)
t = Sample preserved improperly
u = Reporting limits raised due to high level of non-target analytes (SVOCs)
v = Wells surveyed June 23, 2009
w = Quantitation of unknown hydrocarbon(s) in sample based on baseline
x = Quantitated against gasoline

Notes:

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

Top and bottom of screen measurements for wells MW-1 to MW-3, and MW-7 were taken from Delta Environmental Consulting Inc. sampling sheets because the well construction logs were not available

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 #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-1									
2/22/1996	--	--	<1,000	--	--	--	--	--	
5/20/1996	--	--	<1,000	--	--	--	--	--	
8/26/1996	--	--	<1,000	--	--	--	--	--	
11/20/1996	--	--	<300	--	--	--	--	--	
3/24/1997	--	--	<1,000	--	--	--	--	--	
5/23/1997	--	--	<300	--	--	--	--	--	
8/19/1997	--	--	<600	--	--	--	--	--	
11/19/1997	--	--	<3,000	--	--	--	--	--	
2/19/1998	--	--	<300	--	--	--	--	--	
4/23/1998	--	--	<3,000	--	--	--	--	--	
7/27/1998	--	--	<300	--	--	--	--	--	
10/14/1998	--	--	<300	--	--	--	--	--	
1/21/1999	--	--	<300	--	--	--	--	--	
5/6/1999	--	--	<120	--	--	--	--	--	
8/23/1999	--	--	<75	--	--	--	--	--	
10/28/1999	--	--	<200	--	--	--	--	--	
2/4/2000	--	--	<60	--	--	--	--	--	
6/20/2000	--	--	<200	--	--	--	--	--	
9/29/2000	--	--	<250	--	--	--	--	--	
12/17/2000	--	--	<250	--	--	--	--	--	
3/28/2001	--	--	<500	--	--	--	--	--	
6/20/2001	--	--	100	--	--	--	--	--	
9/22/2001	--	--	<1000	--	--	--	--	--	
12/27/2001	--	--	290	--	--	--	--	--	
3/15/2002	--	--	<250	--	--	--	--	--	
4/18/2002	--	--	<250	--	--	--	--	--	
7/23/2002	--	--	<250	--	--	--	--	--	
10/16/2002	--	--	<120	--	--	--	--	--	
1/23/2003	<4,000	<2,000	<50	<50	<50	<50	<50	<50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-1 Cont.									
4/7/2003	<1,000	<200	69	<5.0	<5.0	<5.0	<5.0	<5.0	
8/7/2003	<5,000	<1,000	160	<25	<25	<25	<25	<25	
10/23/2003	--	<1,000	220	<25	<25	<25	<25	<25	
01/12/2004	<5,000	<1,000	140	<50	<50	<50	<25	<25	
04/20/2004	<5,000	<1,000	84	<25	<25	<25	<25	<25	
07/01/2004	<2,000	<400	100	<10	<10	<10	<10	<10	
11/04/2004	<1,000	<200	130	<5.0	<5.0	5.5	<5.0	<5.0	
01/10/2005	<1,000	<200	12	<5.0	<5.0	<5.0	<5.0	<5.0	
04/14/2005	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
08/02/2005	<100	530	15	<5.0	<5.0	<5.0	<5.0	<5.0	c
10/21/2005	<1,000	<200	64	<5.0	<5.0	6.2	<5.0	<5.0	
01/04/2006	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	b
04/28/2006	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	a
8/4/2006	<3,000	<200	14	<5.0	<5.0	<5.0	<5.0	<5.0	
10/23/2006	<3,000	<200	16	<5.0	<5.0	<5.0	<5.0	<5.0	b
1/15/2007	--	--	--	--	--	--	--	--	Not sampled due to presence of free product
4/17/2007	<6,000	<400	<10	<10	<10	<10	<10	<10	
7/9/2007	<3,000	<200	81	<5.0	<5.0	<5.0	<5.0	<5.0	
10/1/2007	<3,000	<200	9.3	<5.0	<5.0	<5.0	<5.0	<5.0	
1/7/2008	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
4/1/2008	<12,000	<400	<20	<20	<20	<20	<20	<20	e
7/23/2008	<12,000	<400	<20	<20	<20	<20	<20	<20	
10/22/2008	<12,000	<400	<20	<20	<20	<20	<20	<20	
1/21/2009	<12,000	<400	<20	<20	<20	<20	<20	<20	
4/21/2009	<12,000	<400	<20	<20	<20	<20	<20	<20	h
7/21/2009	<12,000	<400	<20	<20	<20	<20	<20	<20	h
1/12/2010	<6,000	<200	<10	<10	<10	<10	<10	<10	h
7/22/2010	<6,000	<200	<10	<10	<10	<10	<10	<10	
2/18/2011	<1,200	<40	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-1 Cont.									
8/25/2011	<1,500	<50	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
MW-2									
8/31/1995	--	--	<50	--	--	--	--	--	
2/22/1996	--	--	<50	--	--	--	--	--	
3/24/1997	--	--	67	--	--	--	--	--	
2/19/1998	--	--	25	--	--	--	--	--	
1/21/1999	--	--	13	--	--	--	--	--	
3/28/2001	--	--	39.5	--	--	--	--	--	
3/15/2002	--	--	75	--	--	--	--	--	
1/23/2003	<4,000	<2,000	95	<50	<50	<50	<50	<50	
10/23/2003	--	<100	68	<2.5	<2.5	16	<2.5	<2.5	
07/01/2004	<100	28	72	<0.50	<0.50	15	<0.50	<0.50	
08/02/2005	<100	<20	12	<0.50	<0.50	3.4	<0.50	<0.50	
8/4/2006	<300	21	7.9	<0.50	<0.50	2.3	<0.50	<0.50	
7/9/2007	<300	<20	3.2	<0.50	<0.50	0.98	<0.50	<0.50	
7/23/2008	<300	<10	0.78	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2009	<300	<10	0.83	<0.50	<0.50	<0.50	<0.50	<0.50	
6/3/2010	<300	<10	1.2	<0.50	<0.50	0.76	<0.50	<0.50	
7/22/2010	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/25/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-3									
2/22/1996	--	--	<3,000	--	--	--	--	--	
5/20/1996	--	--	<3,000	--	--	--	--	--	
8/26/1996	--	--	<2,000	--	--	--	--	--	
11/20/1996	--	--	<1,000	--	--	--	--	--	
3/24/1997	--	--	<5,000	--	--	--	--	--	
5/23/1997	--	--	<700	--	--	--	--	--	
8/19/1997	--	--	<600	--	--	--	--	--	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-3 Cont.									
11/19/1997	--	--	<600	--	--	--	--	--	
2/19/1998	--	--	<600	--	--	--	--	--	
4/23/1998	--	--	<600	--	--	--	--	--	
7/27/1998	--	--	<600	--	--	--	--	--	
10/14/1998	--	--	970	--	--	--	--	--	
1/21/1999	--	--	<600	--	--	--	--	--	
5/6/1999	--	--	170	--	--	--	--	--	
8/23/1999	--	--	<150	--	--	--	--	--	
10/28/1999	--	--	<5,000	--	--	--	--	--	
2/4/2000	--	--	650	--	--	--	--	--	
6/20/2000	--	--	<500	--	--	--	--	--	
9/29/2000	--	--	<250	--	--	--	--	--	
3/28/2001	--	--	<1,000	--	--	--	--	--	
6/20/2001	--	--	<2,500	--	--	--	--	--	
9/22/2001	--	--	<1,000	--	--	--	--	--	
12/27/2001	--	--	<250	--	--	--	--	--	
3/15/2002	--	--	<250	--	--	--	--	--	
7/23/2002	--	--	<250	--	--	--	--	--	
10/16/2002	--	--	<250	--	--	--	--	--	
1/23/2003	<8,000	<4,000	<100	<100	<100	<100	<100	<100	
4/7/2003	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
8/7/2003	<20,000	<4,000	<100	<100	<100	<100	<100	<100	
10/23/2003	--	<1,000	<25	<25	<25	<25	<25	<25	
01/12/2004	<1,000	<200	<5.0	<10	<10	<10	<5.0	<5.0	
04/20/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
07/01/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
11/23/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
01/10/2005	<20,000	<4,000	<100	<100	<100	<100	<100	<100	
04/14/2005	<5,000	<1,000	<25	<25	<25	<25	<25	<25	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-3 Cont.									
08/02/2005	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
10/21/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
01/04/2006	<5,000	<1,000	<25	<25	<25	<25	<25	<25	b
04/28/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
8/4/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
10/23/2006	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	b
1/15/2007	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
4/17/2007	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
7/9/2007	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
10/1/2007	<15,000	<1,000	<25	<25	<25	<25	<25	<25	d
4/1/2008	<60,000	<2,000	<100	<100	<100	<100	<100	<100	
7/23/2008	<3,000	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
10/22/2008	<75,000	<2,500	<120	<120	<120	<120	<120	<120	
1/21/2009	<60,000	<2,000	<100	<100	<100	<100	<100	<100	
4/21/2009	<30,000	<1,000	<50	<50	<50	<50	<50	<50	
7/21/2009	<15,000	<500	<25	<25	<25	<25	<25	<25	
1/12/2010	<6,000	<200	<10	<10	<10	<10	<10	<10	
6/3/2010	<15,000	<500	<25	<25	<25	<25	<25	<25	
7/22/2010	<15,000	<500	<25	<25	<25	<25	<25	<25	
2/18/2011	<15,000	<500	<25	<25	<25	<25	<25	<25	
8/25/2011	<12,000	<400	<20	<20	<20	<20	<20	<20	
MW-4									
8/31/1995	--	--	<100	--	--	--	--	--	
2/22/1996	--	--	<20	--	--	--	--	--	
5/20/1996	--	--	<100	--	--	--	--	--	
8/26/1996	--	--	<100	--	--	--	--	--	
11/20/1996	--	--	<3	--	--	--	--	--	
3/24/1997	--	--	<50	--	--	--	--	--	
5/23/1997	--	--	<60	--	--	--	--	--	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-4 Cont.									
11/19/1997	--	--	<60	--	--	--	--	--	
2/19/1998	--	--	110	--	--	--	--	--	
4/23/1998	--	--	93	--	--	--	--	--	
7/27/1998	--	--	<120	--	--	--	--	--	
10/14/1998	--	--	63	--	--	--	--	--	
1/21/1999	--	--	13	--	--	--	--	--	
5/6/1999	--	--	41	--	--	--	--	--	
8/23/1999	--	--	57	--	--	--	--	--	
10/28/1999	--	--	16	--	--	--	--	--	
2/4/2000	--	--	8	--	--	--	--	--	
6/20/2000	--	--	46	--	--	--	--	--	
6/20/2001	--	--	110	--	--	--	--	--	
9/22/2001	--	--	100	--	--	--	--	--	
12/27/2001	--	--	15	--	--	--	--	--	
3/15/2002	--	--	12	--	--	--	--	--	
4/18/2002	--	--	3.7	--	--	--	--	--	
7/23/2002	--	--	41	--	--	--	--	--	
10/16/2002	--	--	<25	--	--	--	--	--	
1/23/2003	<200	<100	5.9	<2.5	<2.5	<2.5	<2.5	<2.5	
4/7/2003	<100	<20	9.2	<0.5	<0.5	0.61	<0.5	<0.50	
8/7/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
10/23/2003	--	<100	12	<2.5	<2.5	<2.5	<2.5	<2.5	
01/12/2004	<500	<100	4.3	<5.0	<5.0	<5.0	<2.5	<2.5	
04/20/2004	<1,000	<200	12	<5.0	<5.0	<5.0	<5.0	<5.0	
07/01/2004	<500	<100	15	<2.5	<2.5	<2.5	<2.5	<2.5	
11/04/2004	<200	<40	5.7	<1.0	<1.0	<1.0	<1.0	<1.0	
01/10/2005	<100	<20	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
04/14/2005	<100	<20	4.5	<0.50	<0.50	0.61	<0.50	<0.50	
08/02/2005	<100	<20	7.1	<0.50	<0.50	0.97	3.7	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-4 Cont.									
10/21/2005	<200	<40	10	<1.0	<1.0	1.3	<1.0	<1.0	b
01/04/2006	<200	<40	3.7	<1.0	<1.0	<1.0	<1.0	<1.0	b
04/28/2006	<600	<40	3.7	<1.0	<1.0	<1.0	<1.0	<1.0	
8/4/2006	<3,000	<200	15	<5.0	<5.0	<5.0	<5.0	<5.0	
10/23/2006	<300	<20	16	<0.50	<0.50	5.5	<0.50	<0.50	b
1/15/2007	--	--	--	--	--	--	--	--	g
4/17/2007	<600	<40	3.5	<1.0	<1.0	<1.0	<1.0	<1.0	
7/9/2007	<1,200	<80	14	<2.0	<2.0	<2.0	<2.0	<2.0	
10/1/2007	<600	<40	11	<1.0	<1.0	1.6	<1.0	<1.0	
1/7/2008	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
4/1/2008	<300	<10	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	--	--	--	--	--	--	--	--	f
10/22/2008	--	--	--	--	--	--	--	--	f
4/21/2009	<300	<10	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
6/3/2010	<300	<10	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5									
8/31/1995	--	--	<500	--	--	--	--	--	
2/22/1996	--	--	<500	--	--	--	--	--	
5/20/1996	--	--	<500	--	--	--	--	--	
8/26/1996	--	--	<300	--	--	--	--	--	
11/20/1996	--	--	<500	--	--	--	--	--	
3/24/1997	--	--	<500	--	--	--	--	--	
5/23/1997	--	--	<600	--	--	--	--	--	
8/19/1997	--	--	<300	--	--	--	--	--	
11/19/1997	--	--	<300	--	--	--	--	--	
2/19/1998	--	--	<300	--	--	--	--	--	
4/23/1998	--	--	<600	--	--	--	--	--	
7/27/1998	--	--	<600	--	--	--	--	--	
10/14/1998	--	--	<300	--	--	--	--	--	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-5 Cont.									
1/21/1999	--	--	<600	--	--	--	--	--	
5/6/1999	--	--	12	--	--	--	--	--	
8/23/1999	--	--	67	--	--	--	--	--	
10/28/1999	--	--	<250	--	--	--	--	--	
2/4/2000	--	--	<75	--	--	--	--	--	
6/20/2000	--	--	<200	--	--	--	--	--	
3/28/2001	--	--	<250	--	--	--	--	--	
6/20/2001	--	--	<100	--	--	--	--	--	
12/27/2001	--	--	<250	--	--	--	--	--	
3/15/2002	--	--	<250	--	--	--	--	--	
4/18/2002	--	--	<250	--	--	--	--	--	
7/23/2002	--	--	110	--	--	--	--	--	
10/16/2002	--	--	<100	--	--	--	--	--	
1/23/2003	<4,000	<2,000	<50	<50	<50	<50	<50	<50	
4/7/2003	<500	<100	32	<2.5	<2.5	6.3	<2.5	<2.5	
8/7/2003	<100	<20	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	
10/23/2003	--	<20	12	<0.50	<0.50	1.7	<0.50	<0.50	
01/12/2004	<100	<20	11	<1.0	<1.0	1.3	<0.50	<0.50	
04/20/2004	<100	<20	12	<0.50	<0.50	3.0	<0.50	<0.50	
07/01/2004	<100	<20	11	<0.50	<0.50	2.0	<0.50	<0.50	
11/04/2004	<100	<20	9.4	<0.50	<0.50	2.0	<0.50	<0.50	
01/10/2005	<100	<20	40	<0.50	<0.50	9.7	<0.50	<0.50	
04/14/2005	<1,000	<200	40	<5.0	<5.0	9.3	<5.0	<5.0	
08/02/2005	<500	<100	19	<2.5	<2.5	5.0	9.2	<2.5	
10/21/2005	<1,000	<200	16	<5.0	<5.0	<5.0	<5.0	<5.0	
01/04/2006	<1,000	<200	30	<5.0	<5.0	7.2	<5.0	<5.0	b
04/28/2006	<3,000	<200	9.9	<5.0	<5.0	<5.0	<5.0	<5.0	
8/4/2006	<3,000	<200	14	<5.0	<5.0	<5.0	<5.0	<5.0	
10/23/2006	<6,000	<400	13	<10	<10	<10	<10	<10	b

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-5 Cont.									
1/15/2007	<6,000	<400	10	<10	<10	<10	<10	<10	
4/17/2007	<3,000	<200	5.9	<5.0	<5.0	<5.0	<5.0	<5.0	
7/9/2007	<3,000	<200	6.9	<5.0	<5.0	<5.0	<5.0	<5.0	
10/1/2007	<1,500	<100	4.2	<2.5	<2.5	<2.5	<2.5	<2.5	
1/7/2008	<1,500	<100	4.1	<2.5	<2.5	<2.5	<2.5	<2.5	
4/1/2008	<300	<10	1.8	<0.50	<0.50	0.70	<0.50	<0.50	
7/23/2008	<6,000	<200	<10	<10	<10	<10	<10	<10	
10/22/2008	<3,000	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1/21/2009	<3,000	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
4/21/2009	<300	<10	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	
6/3/2010	<1,500	<50	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
MW-6									
8/31/1995	--	--	<500	--	--	--	--	--	
2/22/1996	--	--	<300	--	--	--	--	--	
5/20/1996	--	--	<300	--	--	--	--	--	
8/26/1996	--	--	<300	--	--	--	--	--	
11/20/1996	--	--	<300	--	--	--	--	--	
3/24/1997	--	--	<100	--	--	--	--	--	
5/23/1997	--	--	<300	--	--	--	--	--	
2/19/1998	--	--	<30	--	--	--	--	--	
4/23/1998	--	--	<60	--	--	--	--	--	
7/27/1998	--	--	<150	--	--	--	--	--	
10/14/1998	--	--	<120	--	--	--	--	--	
1/21/1999	--	--	<150	--	--	--	--	--	
5/6/1999	--	--	5	--	--	--	--	--	
8/23/1999	--	--	<15	--	--	--	--	--	
2/4/2000	--	--	11	--	--	--	--	--	
12/27/2001	--	--	<2.5	--	--	--	--	--	
3/15/2002	--	--	<25	--	--	--	--	--	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-6 Cont.									
4/18/2002	--	--	52	--	--	--	--	--	
1/23/2003	<200	<100	17	<2.5	<2.5	<2.5	<2.5	<2.5	a
1/23/2003	<4,000	<2,000	<50	<50	<50	<50	<50	<50	
4/7/2003	<100	<20	15	<0.5	<0.5	2.1	<0.5	<0.50	
01/12/2004	<5,000	<1,000	150	<50	<50	<50	<25	<25	
11/04/2004	<2,000	<400	230	<10	<10	58	<10	<10	
01/10/2005	<5,000	<1,000	240	<25	<25	65	<25	<25	
04/14/2005	<1,000	<200	210	<5.0	<5.0	56	<5.0	<5.0	
08/02/2005	<1,000	<200	150	<5.0	<5.0	44	<5.0	<5.0	
10/21/2005	<1,000	<200	110	<5.0	<5.0	47	<5.0	<5.0	
01/04/2006	<500	<100	130	<2.5	<2.5	42	<2.5	<2.5	b
04/28/2006	<1,500	<100	170	<2.5	<2.5	59	<2.5	<2.5	
8/4/2006	<1,500	<100	110	<2.5	<2.5	39	<2.5	<2.5	
10/23/2006	--	--	--	--	--	--	--	--	g
1/15/2007	--	--	--	--	--	--	--	--	g
4/17/2007	<600	<40	24	<1.0	<1.0	8.2	<1.0	<1.0	
7/9/2007	<300	<20	51	<0.50	<0.50	21	<0.50	<0.50	
1/7/2008	<300	<20	37	<0.50	<0.50	17	<0.50	<0.50	
4/1/2008	<300	<10	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	--	--	--	--	--	--	--	--	g
10/22/2008	--	--	--	--	--	--	--	--	g
MW-7									
8/31/1995	--	--	<3	--	--	--	--	--	
2/22/1996	--	--	<3	--	--	--	--	--	
3/24/1997	--	--	<3	--	--	--	--	--	
2/19/1998	--	--	<3	--	--	--	--	--	
4/23/1998	--	--	<3	--	--	--	--	--	
7/27/1998	--	--	<3	--	--	--	--	--	
10/14/1998	--	--	<3	--	--	--	--	--	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-7 Cont.									
1/21/1999	--	--	<3	--	--	--	--	--	
5/6/1999	--	--	<3	--	--	--	--	--	
8/23/1999	--	--	<3	--	--	--	--	--	
2/4/2000	--	--	<3	--	--	--	--	--	
12/17/2000	--	--	<2.5	--	--	--	--	--	
3/28/2001	--	--	<2.5	--	--	--	--	--	
12/27/2001	--	--	<2.5	--	--	--	--	--	
3/15/2002	--	--	<2.5	--	--	--	--	--	
4/18/2002	--	--	<2.5	--	--	--	--	--	
1/23/2003	<40	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
4/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
10/23/2003	--	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01/12/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	
04/20/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/04/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
08/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	--	--	--	--	--	--	--	--	g
MW-8									
8/31/1995	--	--	520	--	--	--	--	--	
11/27/1995	--	--	560	--	--	--	--	--	
2/22/1996	--	--	110	--	--	--	--	--	
5/20/1996	--	--	240	--	--	--	--	--	
8/26/1996	--	--	710	--	--	--	--	--	
11/20/1996	--	--	930	--	--	--	--	--	
3/24/1997	--	--	1,300	--	--	--	--	--	
5/23/1997	--	--	630	--	--	--	--	--	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-8 Cont.									
8/19/1997	--	--	290	--	--	--	--	--	
11/19/1997	--	--	260	--	--	--	--	--	
2/19/1998	--	--	140	--	--	--	--	--	
4/23/1998	--	--	590	--	--	--	--	--	
1/21/1999	--	--	320	--	--	--	--	--	
5/6/1999	--	--	160	--	--	--	--	--	
8/23/1999	--	--	5	--	--	--	--	--	
10/28/1999	--	--	45	--	--	--	--	--	
2/4/2000	--	--	<3	--	--	--	--	--	
6/20/2000	--	--	310	--	--	--	--	--	
9/29/2000	--	--	438	--	--	--	--	--	
12/17/2000	--	--	273	--	--	--	--	--	
3/28/2001	--	--	320	--	--	--	--	--	
6/20/2001	--	--	330	--	--	--	--	--	
9/22/2001	--	--	6.5	--	--	--	--	--	
12/27/2001	--	--	160	--	--	--	--	--	
3/15/2002	--	--	830	--	--	--	--	--	
7/23/2002	--	--	8.7	--	--	--	--	--	
10/16/2002	--	--	<2.5	--	--	--	--	--	
1/23/2003	<40	<20	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
4/7/2003	<100	<20	19	<0.50	<0.50	<0.50	<0.50	<0.50	
8/7/2003	<100	<20	0.96	<0.50	<0.50	<0.50	<0.50	<0.50	
10/23/2003	--	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
01/12/2004	<100	<20	13	<1.0	<1.0	<1.0	<0.50	<0.50	
04/20/2004	<100	<20	25	<0.50	<0.50	<0.50	<0.50	<0.50	
07/01/2004	<100	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
11/04/2004	<100	<20	13	<0.50	<0.50	<0.50	<0.50	<0.50	
01/10/2005	<100	<20	10	<0.50	<0.50	<0.50	<0.50	<0.50	
08/02/2005	<100	<20	16	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-8 Cont.									
10/21/2005	--	--	--	--	--	--	--	--	Well inaccessible
8/4/2006	<300	<20	16	<0.50	<0.50	<0.50	<0.50	<0.50	
7/9/2007	<300	<20	17	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	<300	<10	8.6	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2009	<300	<10	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	
7/22/2010	<300	<10	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	
8/25/2011	<300	<10	0.52	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-9									
8/31/1995	--	--	<3	--	--	--	--	--	
2/22/1996	--	--	<3	--	--	--	--	--	
8/26/1996	--	--	<3	--	--	--	--	--	
3/24/1997	--	--	<3	--	--	--	--	--	
8/19/1997	--	--	<3	--	--	--	--	--	
2/19/1998	--	--	<3	--	--	--	--	--	
7/27/1998	--	--	<3	--	--	--	--	--	
10/14/1998	--	--	<3	--	--	--	--	--	
1/21/1999	--	--	<3	--	--	--	--	--	
8/23/1999	--	--	<3	--	--	--	--	--	
2/4/2000	--	--	<3	--	--	--	--	--	
9/29/2000	--	--	3.44	--	--	--	--	--	
3/28/2001	--	--	<2.5	--	--	--	--	--	
9/22/2001	--	--	7.8	--	--	--	--	--	
3/15/2002	--	--	<2.5	--	--	--	--	--	
7/23/2002	--	--	<2.5	--	--	--	--	--	
1/23/2003	<40	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
07/01/2004	<100	<20	3.2	<0.50	<0.50	<0.50	<0.50	<0.50	
08/02/2005	<100	<20	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2006	<300	<20	4.0	<0.50	<0.50	<0.50	<0.50	<0.50	
7/9/2007	<300	<20	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-9 Cont.									
7/23/2008	<300	<10	5.0	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2009	<300	<10	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
7/22/2010	<300	<10	4.5	<0.50	<0.50	<0.50	<0.50	<0.50	
8/25/2011	<300	<10	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-10									
8/31/1995	--	--	<3	--	--	--	--	--	
2/22/1996	--	--	<3	--	--	--	--	--	
8/26/1996	--	--	<3	--	--	--	--	--	
3/24/1997	--	--	<3	--	--	--	--	--	
8/19/1997	--	--	<3	--	--	--	--	--	
11/19/1997	--	--	<3	--	--	--	--	--	
2/19/1998	--	--	<3	--	--	--	--	--	
4/23/1998	--	--	<3	--	--	--	--	--	
7/27/1998	--	--	<3	--	--	--	--	--	
10/14/1998	--	--	<3	--	--	--	--	--	
1/21/1999	--	--	<3	--	--	--	--	--	
5/6/1999	--	--	<3	--	--	--	--	--	
8/23/1999	--	--	<3	--	--	--	--	--	
10/28/1999	--	--	<3	--	--	--	--	--	
2/4/2000	--	--	<3	--	--	--	--	--	
6/20/2000	--	--	<3.0	--	--	--	--	--	
9/29/2000	--	--	<2.5	--	--	--	--	--	
12/17/2000	--	--	<2.5	--	--	--	--	--	
3/28/2001	--	--	<2.5	--	--	--	--	--	
6/20/2001	--	--	<2.5	--	--	--	--	--	
9/22/2001	--	--	<2.5	--	--	--	--	--	
12/27/2001	--	--	<2.5	--	--	--	--	--	
3/15/2002	--	--	<2.5	--	--	--	--	--	
4/18/2002	--	--	3.8	--	--	--	--	--	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-10 Cont.									
7/23/2002	--	--	<2.5	--	--	--	--	--	
10/16/2002	--	--	<2.5	--	--	--	--	--	
1/23/2003	<40	<20	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
4/7/2003	<100	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
8/7/2003	<100	<20	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
01/12/2004	<100	<20	1.7	<1.0	<1.0	<1.0	<0.50	<0.50	
07/01/2004	<100	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
01/10/2005	<100	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	b
08/02/2005	<100	<20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	
01/04/2006	<100	<20	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	b
8/4/2006	<300	<20	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	
1/15/2007	<300	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
7/9/2007	<300	<20	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
1/7/2008	<300	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	<300	<10	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
1/21/2009	<300	<10	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2009	<300	<10	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
1/12/2010	<300	<10	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
7/22/2010	<300	<10	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
2/18/2011	<300	<10	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	
8/25/2011	<300	<10	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-11									
8/31/1995	--	--	<3	--	--	--	--	--	
2/22/1996	--	--	<3	--	--	--	--	--	
3/24/1997	--	--	<3	--	--	--	--	--	
2/19/1998	--	--	7	--	--	--	--	--	
1/21/1999	--	--	<3	--	--	--	--	--	
2/4/2000	--	--	<3	--	--	--	--	--	
3/28/2001	--	--	<2.5	--	--	--	--	--	

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Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-11 Cont.									
3/15/2002	--	--	<2.5	--	--	--	--	--	
1/23/2003	<40	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
10/23/2003	--	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
07/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-12									
8/31/1995	--	--	<3	--	--	--	--	--	
2/22/1996	--	--	<3	--	--	--	--	--	
3/24/1997	--	--	<3	--	--	--	--	--	
2/19/1998	--	--	<3	--	--	--	--	--	
1/21/1999	--	--	<3	--	--	--	--	--	
2/4/2000	--	--	<3	--	--	--	--	--	
3/28/2001	--	--	<2.5	--	--	--	--	--	
3/15/2002	--	--	<2.5	--	--	--	--	--	
10/23/2003	--	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
07/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-13									
2/22/1996	--	--	<3	--	--	--	--	--	
3/24/1997	--	--	<3	--	--	--	--	--	
2/19/1998	--	--	<3	--	--	--	--	--	
7/27/1998	--	--	<3	--	--	--	--	--	
10/14/1998	--	--	<3	--	--	--	--	--	
1/21/1999	--	--	<3	--	--	--	--	--	
2/4/2000	--	--	<3	--	--	--	--	--	
3/28/2001	--	--	<2.5	--	--	--	--	--	
3/15/2002	--	--	<2.5	--	--	--	--	--	
1/23/2003	<40	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
10/23/2003	--	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
07/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-14									
2/22/1996	--	--	<3	--	--	--	--	--	
3/24/1997	--	--	<3	--	--	--	--	--	
11/19/1997	--	--	<3	--	--	--	--	--	
2/19/1998	--	--	<3	--	--	--	--	--	
4/23/1998	--	--	<3	--	--	--	--	--	
7/27/1998	--	--	<3	--	--	--	--	--	
10/14/1998	--	--	<3	--	--	--	--	--	
1/21/1999	--	--	<3	--	--	--	--	--	
5/6/1999	--	--	<3	--	--	--	--	--	
8/23/1999	--	--	<3	--	--	--	--	--	
10/28/1999	--	--	<10	--	--	--	--	--	
2/4/2000	--	--	<3	--	--	--	--	--	
6/20/2000	--	--	<10	--	--	--	--	--	
9/29/2000	--	--	<2.50	--	--	--	--	--	
12/17/2000	--	--	<2.5	--	--	--	--	--	
3/28/2001	--	--	<2.5	--	--	--	--	--	
6/20/2001	--	--	3.1	--	--	--	--	--	
9/22/2001	--	--	<2.5	--	--	--	--	--	
12/27/2001	--	--	<2.5	--	--	--	--	--	
3/15/2002	--	--	<2.5	--	--	--	--	--	
4/18/2002	--	--	<2.5	--	--	--	--	--	
7/23/2002	--	--	<2.5	--	--	--	--	--	
10/16/2002	--	--	<2.5	--	--	--	--	--	
1/23/2003	<40	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
4/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01/12/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	
07/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-14 Cont.									
08/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/9/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2009	<300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/22/2010	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/25/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-15									
8/31/1995	--	--	<3	--	--	--	--	--	
2/22/1996	--	--	12	--	--	--	--	--	
8/26/1996	--	--	8	--	--	--	--	--	
3/24/1997	--	--	15	--	--	--	--	--	
8/19/1997	--	--	6	--	--	--	--	--	
2/19/1998	--	--	48	--	--	--	--	--	
7/27/1998	--	--	50	--	--	--	--	--	
10/14/1998	--	--	27	--	--	--	--	--	
1/21/1999	--	--	6	--	--	--	--	--	
8/23/1999	--	--	21	--	--	--	--	--	
2/4/2000	--	--	<3	--	--	--	--	--	
9/29/2000	--	--	<2.50	--	--	--	--	--	
3/28/2001	--	--	11.1	--	--	--	--	--	
9/22/2001	--	--	13	--	--	--	--	--	
3/15/2002	--	--	<2.5	--	--	--	--	--	
7/23/2002	--	--	<2.5	--	--	--	--	--	
1/23/2003	<40	<20	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
07/01/2004	<100	<20	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
08/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2006	<300	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
7/9/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
MW-15 Cont.									
7/23/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2009	<300	<0.50	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
7/22/2010	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/25/2011	<300	<10	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-16									
7/21/2009	<300	<0.50	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	
1/12/2010	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/3/2010	<600	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
7/22/2010	<600	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2/18/2011	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/25/2011	<2,400	<80	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	
MW-17									
7/21/2009	<300	10	2.8	<0.50	<0.50	1.0	<0.50	<0.50	
1/12/2010	<6,000	<200	<10	<10	<10	<10	<10	<10	
6/3/2010	<15,000	<500	<25	<25	<25	<25	<25	<25	
7/22/2010	<15,000	<500	<25	<25	<25	<25	<25	<25	
2/18/2011	<6,000	<200	<10	<10	<10	<10	<10	<10	
8/25/2011	<6,000	<200	<10	<10	<10	<10	<10	<10	
MW-18									
7/21/2009	<300	<10	4.8	<0.50	<0.50	3.0	<0.50	<0.50	
1/12/2010	<600	<20	5.8	<1.0	<1.0	4.7	<1.0	<1.0	
7/22/2010	<300	<10	5.1	<0.50	<0.50	4.9	<0.50	<0.50	
2/18/2011	<300	<10	3.8	<0.50	<0.50	3.2	<0.50	<0.50	
8/25/2011	<300	<10	4.9	<0.50	<0.50	4.8	<0.50	<0.50	
MW-19									
7/21/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/25/2011	<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 #0601, 712 Lewelling Blvd., San Leandro, CA

Well ID and Date Monitored	Concentrations in µg/L								Footnote
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
ESL - DW	NE	12	5.0	NE	NE	NE	0.5	0.05	
ESL - NDW	NE	18,000	1,800	NE	NE	NE	200	150	
SB-1									
3/9/2011	<30,000	<1,000	<50	<50	<50	<50	<50	<50	SB-1-GW
SB-2									
3/9/2011	<7,500	250	<12	<12	<12	<12	<12	<12	SB-2-GW
SB-3									
3/9/2011	<600	<20	2.1	<1.0	<1.0	<1.0	<1.0	<1.0	SB-3-GW
SB-4									
3/9/2011	<1,200	<40	2.2	<2.0	<2.0	<2.0	<2.0	<2.0	SB-4-GW

Symbols & Abbreviations:

-- = Not analyzed/applicable/measured/available

< = Not detected at or above specified laboratory reporting limit.

1,2-DCA = 1,2-Dichloroethane

DIPE = Di-isopropyl 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

Footnotes:

a = The sample was re-extracted beyond the EPA recommended holding time. The results may still be useful for their intended purpose

b = Calibration verification for ethanol was within method limits but outside contract limits

c = Original analysis for ethanol was a positive result. Reanalysis did not confirm

d = Sample preserved improperly

e = FP in well

f = Insufficient water to sample

g = Well was dry

h = Reporting limits raised due to high level of non-target analytes (SVOCs)

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

Table 3. Historical Groundwater Gradient - Direction and Magnitude
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Date Measured	Approximate Gradient Direction	Approximate Gradient Magnitude (ft/ft)
8/4/1994	Southwest	0.004
11/20/1994	Southwest	0.002
3/17/1995	West-Southwest	0.006
6/1/1995	Southwest	0.003
8/31/1995	South-Southwest	0.005
11/27/1995	South-Southwest	0.004
2/22/1996	Northwest	0.007
5/20/1996	Southwest	0.007
8/26/1996	South-Southwest	0.004
11/20/1996	South-Southeast	0.004
3/24/1997	Southeast	0.013
5/23/1997	Southeast	0.014
8/19/1997	Southeast	0.04
11/19/1997	Southeast	0.016
2/19/1998	East	Variable
4/23/1998	Variable	Variable
7/27/1998	Southeast	0.05
10/14/1998	Southeast	0.02
1/21/1999	East	0.04
5/6/1999	Southeast	0.05
8/23/1999	Southeast	0.02
10/28/1999	Southeast	0.04
2/4/2000	East-Southeast	0.053
6/20/2000	East-Southeast	0.023
9/29/2000	East-Southeast	0.023
12/17/2000	East-Southeast	0.01
3/28/2001	East-Southeast	0.014
6/20/2001	East-Southeast	0.022
9/22/2001	East-Southeast	0.025
12/27/2001	East-Southeast	0.025
3/15/2002	East	0.015
4/18/2002	East	0.015
7/23/2002	East-Southeast	0.025
10/16/2002	East-Southeast	0.022
1/23/2003	East	0.020
4/7/2003	East-Southeast	0.033
8/7/2003	East-Southeast	0.047
10/23/2003	Southeast	0.047
1/12/2004	Southeast	0.042
4/20/2004	Southwest	0.005
7/1/2004	West	0.005
11/4/2004	West to Southwest	0.011 to 0.003

Table 3. Historical Groundwater Gradient - Direction and Magnitude
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Date Measured	Approximate Gradient Direction	Approximate Gradient Magnitude (ft/ft)
1/10/2005	West to North	0.02 to 0.03
4/14/2005	Northwest to Southwest	0.005 to 0.02
8/2/2005	West to Southwest	0.004 to 0.01
10/21/2005	Southwest	0.005
1/4/2006	Variable	0.009 to 0.04
4/28/2006	Southwest	0.005
8/4/2006	South-Southwest	0.007
10/23/2006	South-Southwest	0.003
1/15/2007	Southwest	0.002
4/17/2007	Southwest	0.001
7/9/2007	Southwest	0.002
10/1/2007	Southwest	0.005
1/7/2008	Southwest	0.006
4/1/2008	Southwest	0.01
7/23/2008	South-Southwest	0.002
10/22/2008	South-Southwest	0.003
1/21/2009	South-Southwest	0.004
4/21/2009	Southwest	0.004
8/21/2009	Southwest	0.002
1/12/2010	Southwest	0.003
6/3/2010	Southwest	0.004
7/22/2010	Southwest	0.003
2/18/2011	West-Northwest	0.003
8/25/2011	Southwest	0.003

Notes:

Wells resurveyed on 2/27/2004

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

APPENDIX A
FIELD METHODS

BROADBENT & ASSOCIATES INC. FIELD PROCEDURES

A.1 QUALITY ASSURANCE/QUALITY CONTROL FIELD PROTOCOLS

Field protocols have been implemented to enhance the accuracy and reliability of data collection, ground-water sample collection, transportation and laboratory analysis. Discussion of these protocols is provided below.

A.1.1 Water Level & Free-Product Measurement

Prior to ground-water sample collection from each monitoring well, the presence of separate-phase hydrocarbons (SPH or free product, FP) and depth to ground water shall be measured. Depth to ground water will be measured with a standard water level indicator that has been decontaminated prior to its use in accordance with procedures discussed below. Depth to groundwater will be gauged from a saw cut notch at the top of the well casing on each well head. Where FP is suspected, the initial gauging will be done with an oil-water interface probe. Once depth to water has been measured, the first retrieval of a new disposable bailer will be scrutinized for the presence of SPH/FP.

A.1.2 Monitoring Well Purging

Subsequent to measuring depth to ground water and prior to the collection of ground-water samples, purging of standing water within the monitoring well will be performed if called for. Consistent with the American Society for Testing and Materials (ASTM) Standard D6452-99, Section 7.1, the well will be purged of approximately three wetted-casing volumes of water, or until the well is dewatered, or until monitored field parameters indicate stabilization. The well will be purged using a pre-cleaned disposable bailer or submersible pump and disposable plastic tubing dedicated to each individual well. The well will be purged at a low flow rate to minimize the possibility of purging the well dry. So that the sample collected is representative of formation water, several field parameters will be monitored during the purging process. The sample will not be collected until these parameters (i.e. temperature, pH, and conductivity) have stabilized to within 10% of the previously measured value. If a well is purged dry, the sample should not be collected until the well has recovered to a minimum 50% of its initial volume.

A.1.3 Ground-Water Sample Collection

Once the wells are satisfactorily purged, water samples will be collected from each well. Water samples for organic analyses will be collected using a pre-cleaned, new, disposable bailer and transferred into the appropriate, new, laboratory-prepared containers such that no head space or air bubbles are present in the sample container (if appropriate to the analysis). The samples will be properly labeled (i.e. sample identification, sampler initials, date/time of collection, site location, requested analyses), placed in an ice chest with bagged ice or ice substitute, and delivered to the contracted analytical laboratory.

A.1.4 Surface Water Sample Collection

Unless specified otherwise, surface water samples will be collected from mid-depth in the central area of the associated surface water body. Water samples will be collected into appropriate, new, laboratory-prepared containers by dipping the container into the surface water unless the container has a preservative present. If a sample preservative is present, a new, cleaned non-preserved surrogate container will be used to obtain the sample which will then be directly transferred into a new, laboratory-provided, preserved container. Samples will be properly labeled and transported as described above.

A.1.5 Decontamination Protocol

Prior to use in each well, re-usable ground-water sampling equipment (e.g., water level indicator, oil-interface probe, purge pump, etc.) will be decontaminated. Decontamination protocol will include thoroughly cleaning with a solution of Liquinox, rinsing with clean water, and final rinsing with control water (potable water of known quality, distilled, or de-ionized water). Pre-cleaned new disposable bailers and disposable plastic tubing will be dedicated to each individual well.

A.1.6 Chain of Custody Procedures

Sample identification documents will be carefully prepared so identification and chain of custody can be maintained and sample disposition can be controlled. The sample identification documents include Chain-of-Custody (COC) records and Daily Field Report forms. Chain of custody procedures are outlined below.

Field Custody Procedures

The field sampler is individually responsible for the care and custody of the samples collected until they are properly transferred.

Samples will have unique labels. The information on these labels will correspond to the COC which shows the identification of individual samples and the contents of the shipping container. The original COC will accompany the shipment and a copy will be retained by the field sampler.

Transfer of Custody and Shipment

A COC will accompany samples during transfer and shipment. When transferring samples, the individual relinquishing and the individual receiving the samples will each sign, date, and note the time on the COC. This documents the sample custody transfer.

Samples will be packaged properly for shipment and dispatched to the appropriate laboratory for analysis, with a separate COC accompanying each shipment. Shipments will be accompanied by the original COC. Samples will be delivered by BAI personnel to the laboratory, or shipped by responsible courier. When a shipping courier is utilized, the sample shipment number will be identified on the COC.

A.1.7 Field Records

In addition to sample identification numbers and COC records, Daily Field Report records will be maintained by field staff to provide daily records of significant events, observations, and measurements during field investigations. These documents will contain observed information such as: the personnel present, site conditions, sampling procedures, measurement procedures, calibration records, equipment used, supplies used, etc. Field measurements will be recorded on the appropriate forms. Entries on the data forms will be signed and dated. The data forms will be kept as permanent file records.

APPENDIX B

FIELD DATA SHEETS
AND
NON-HAZARDOUS WASTE DATA FORM



DATE: 8/25/11

PERSONNEL: SSA J. R. J. J. J.

WEATHER: Sunny/Cloudy

PROJECT NO.: 06-88-605

COMMENTS: RP/ARLO GO

G:\ADMINISTRATION\BAI FORMS\WATER LVL MEAS FORM

**Groundwater Sampling Data Sheet**Well I.D.: Project Name/Location: BP/REC 1001Project #: 06-88-605Sampler's Name: SD J LNDate: 8/25/11Purging Equipment: baileSampling Equipment: baile

Casing Type: PVC

Casing Diameter: 4 inch***UNIT CASING VOLUMES**Total Well Depth: 11.02 feet

2" = 0.16 gal/lin ft.

Depth to Water: 8.45 feet

3" = 0.37 gal/lin ft.

Water Column Thickness: = 2.57 feet

4" = 0.65 gal/lin ft.

Unit Casing Volume*: x 0.65 gallon / foot

6" = 1.47 gal/lin ft.

Casing Water Volume: = 1.67 gallonsCasing Volume: x 3 eachEstimated Purge Volume: = 5.0 gallonsFree product measurement (if present):

Purged (gallons)	Time (24:00)	DO	ORP (mV)	Fe	Conductance (µS)	Temperature (Fahrenheit)	pH	Observations
0	1112	0.49	-37	—	891.5	22.7	7.2	
1	1113	X	X	X	873.1	23.5	7.0	
2	1115	X	X	X	809.2	23.6	6.9	
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				

Total Water Volume Purged: 2.0 gallonsDepth to Water at Sample Collection: — feetSample Collection Time: 1120Purged Dry? (Y/N) (N)Comments: Shoen

**BROADBENT & ASSOCIATES, INC.**

ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

Groundwater Sampling Data Sheet

Well I.D.: _____

Project Name/Location: _____

Sampler's Name: _____

Purging Equipment: _____

Sampling Equipment: _____

Casing Type: PVC

Casing Diameter: _____

Total Well Depth: _____

Depth to Water: _____

Water Column Thickness: _____

Unit Casing Volume*: _____

Casing Water Volume: _____

Casing Volume: _____

Estimated Purge Volume: _____

mw-2

BP/ARCO 601

Project #: 06-88-605

Date: 8/25/11

brailer

brailer

4 inch

10.90 feet

7.40 feet

3.5 feet

x 0.65 gallon / foot

= 2.28 gallons

x 3 each

= 6.82 gallons

***UNIT CASING VOLUMES**

2" = 0.16 gal/lin ft.

3" = 0.37 gal/lin ft.

4" = 0.65 gal/lin ft.

6" = 1.47 gal/lin ft.

Free product measurement (if present): _____

Purged (gallons)	Time (24:00)	DO	ORP (mV)	Fe	Conductance (µS)	Temperature (Fahrenheit)	pH	Observations
0	1070	1.05	-3	—	1247	22.7	7.5	
1	1022	X	X	X	960.5	23.9	7.3	
2	1023	X	X	X	1066	23.9	7.2	
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				

Total Water Volume Purged: _____

2.0 gallons

Depth to Water at Sample Collection: _____

7 feet

Sample Collection Time: _____

1030

Purged Dry? (Y/N) ☒ Y

Comments: _____

**Groundwater Sampling Data Sheet**

Well I.D.:

MW-3

Project Name/Location:

BP/ARCO 601

Project #: 06-88-605

Sampler's Name:

SB & LO

Date: 8/25/11

Purging Equipment:

Dailer

Sampling Equipment:

Dailer

Casing Type: PVC

Casing Diameter:

4 inch

***UNIT CASING VOLUMES**

Total Well Depth:

11.90 feet

2" = 0.16 gal/lin ft.

Depth to Water:

5.90 feet

3" = 0.37 gal/lin ft.

Water Column Thickness:

5.94 feet

4" = 0.65 gal/lin ft.

Unit Casing Volume*:

x 0.65 gallon / foot

6" = 1.47 gal/lin ft.

Casing Water Volume:

= 3.86 gallons

Casing Volume:

x 3 each

Estimated Purge Volume:

= 11.58 gallons

Free product measurement (if present):

Purged (gallons)	Time (24:00)	DO	ORP (mV)	Fe	Conductance (µS)	Temperature (Fahrenheit)	pH	Observations
0	0852	0.66	35	—	519.8	22.0	6.9	21.4°C
1	0853	X	X	X	515.7	22.0	6.8	
2	0854	X	X	X	521.3	22.0	6.8	
3	0855	X	X	X	520.7	22.0	6.8	
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				

Total Water Volume Purged:

30 gallons

Depth to Water at Sample Collection:

feet

Sample Collection Time:

09:00

Purged Dry? (Y/N)

Comments:

Shuen



Well I.D.:

Project Name/Location:

Sampler's Name:

Purging Equipment:

Sampling Equipment:

Casing Type: PVC

Casing Diameter:

Total Well Depth:

Depth to Water:

Water Column Thickness:

Unit Casing Volume*:

Casing Water Volume:

Casing Volume:

Estimated Purge Volume:

Free product measurement (if present):

mw-8

BP/AR10 601

SB FLN & JR

builder

Order

4 inch

10.59 feet

7.12 feet

347 feet

0.65 gallon / foot

2.25 gallons

3 each

6.7 gallons

Project #: 060-88-605

Date: 8/25/11

***UNIT CASING VOLUMES**

$$2'' = 0.16 \text{ gal/lin ft.}$$
$$3'' = 0.37 \text{ gal/lin ft.}$$
$$4'' = 0.65 \text{ gal/lin ft.}$$
$$6'' = 1.47 \text{ gal/lin ft.}$$

Purged (gallons)	Time (24:00)	DO	ORP (mV)	Fe	Conductance (μ S)	Temperature (Fahrenheit)	pH	Observations
0	0835	0.68	75	—	669.7	21.5	7.7	
1	0836	X	X	X	640.6	21.9	7.6	
2	0838	X	X	X	608.9	21.8	7.5	
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				

Total Water Volume Purged:

2.0 gallons

Depth to Water at Sample Collection:

feet

Sample Collection Time:

0845

Purged Dry? (Y / N)

Comments:

**Groundwater Sampling Data Sheet**Well I.D.: mm-9Project Name/Location: BP/AR 100 601Project #: 06-88-605Sampler's Name: SB & LDDate: 8/25/11Purging Equipment: brakerSampling Equipment: braker

Casing Type: PVC

Casing Diameter: 2 inch***UNIT CASING VOLUMES**Total Well Depth: 16.70 feet

2" = 0.16 gal/lin ft.

Depth to Water: 8.05 feet

3" = 0.37 gal/lin ft.

Water Column Thickness: 8.15 feet

4" = 0.65 gal/lin ft.

Unit Casing Volume*: 0.16 gallon / foot

6" = 1.47 gal/lin ft.

Casing Water Volume: 1.3 gallonsCasing Volume: 3 eachEstimated Purge Volume: 3.91 gallons

Free product measurement (if present):

Purged (gallons)	Time (24:00)	DO	ORP (mV)	Fe	Conductance (μS)	Temperature (Fahrenheit)	pH	Observations
0	1145	0.60	-6	—	1132	21.4	7.4	
.67	1146	X	X	X	1098	21.7	7.3	
1.0	1147	X	X	X	1101	21.6	7.2	
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				

Total Water Volume Purged: 1.0 gallonsDepth to Water at Sample Collection: — feetSample Collection Time: 1150Purged Dry? (Y/N) (N)

Comments:

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ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

Groundwater Sampling Data Sheet

Well I.D.:

mw-10

Project Name/Location:

DP/ARCO 607

Project #: 06-88-605

Sampler's Name:

SIS & LID

Date: 8/25/11

Purging Equipment:

Diaper

Sampling Equipment:

Diaper

Casing Type: PVC

Casing Diameter:

2 inch

***UNIT CASING VOLUMES**

Total Well Depth:

18.60 feet

2" = 0.16 gal/lin ft.

Depth to Water:

6.10 feet

3" = 0.37 gal/lin ft.

Water Column Thickness:

12.50 feet

4" = 0.65 gal/lin ft.

Unit Casing Volume*:

x 0.16 gallon / foot

6" = 1.47 gal/lin ft.

Casing Water Volume:

= 2.0 gallons

Casing Volume:

x 3 each

Estimated Purge Volume:

= 6.0 gallons

Free product measurement (if present):

Purged (gallons)	Time (24:00)	DO	ORP (mV)	Fe	Conductance (µS)	Temperature (Fahrenheit)	pH	Observations
0	1159	0.54	5	—	1254	20.9	7.4	
1	1201	X	X	X	1255	21.6	7.3	
2	1203	X	X	X	1251	21.6	7.2	
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				

Total Water Volume Purged:

2.0 gallons

Depth to Water at Sample Collection:

feet

Sample Collection Time:

1205

Purged Dry? (Y/N)

Comments:

**Groundwater Sampling Data Sheet**

Well I.D.:

Project Name/Location:

Sampler's Name:

Purging Equipment:

Sampling Equipment:

Casing Type: PVC

Casing Diameter:

Total Well Depth:

Depth to Water:

Water Column Thickness:

Unit Casing Volume*:

Casing Water Volume:

Casing Volume:

Estimated Purge Volume:

mw-14

BP/ARCO 601

SB 7 LD

as per

Duke

Project #:

06-88605

Date:

8/25/11

***UNIT CASING VOLUMES**

2" = 0.16 gal/lin ft.

3" = 0.37 gal/lin ft.

4" = 0.65 gal/lin ft.

6" = 1.47 gal/lin ft.

2 inch

12.96 feet

- 0.43 feet

= 3.53 feet

x 0.56 gallon / foot

= 0.56 gallons

x 3 each

= 1.6 gallons

Free product measurement (if present):

Purged (gallons)	Time (24:00)	DO	ORP (mV)	Fe	Conductance (µS)	Temperature (Fahrenheit)	pH	Observations
0	0937	0.58	52	—	1537	20.5	7.4	
1.33	0938	X	X	X	1520	21.2	7.2	
1.06	0939	X	X	X	1517	21.3	7.1	
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				

Total Water Volume Purged:

1.0 gallons

Depth to Water at Sample Collection:

— feet

Sample Collection Time:

0945

Purged Dry? (Y/N)

Comments:

**Groundwater Sampling Data Sheet**Well I.D.: mw-15Project Name/Location: B/A 10 601Project #: 06-86-605Sampler's Name: SD & LDDate: 8/25/11Purging Equipment: ShinerSampling Equipment: Driller

Casing Type: PVC

Casing Diameter: 2 inch***UNIT CASING VOLUMES**Total Well Depth: 10.03 feet

2" = 0.16 gal/lin ft.

Depth to Water: 6.07 feet

3" = 0.37 gal/lin ft.

Water Column Thickness: = 3.96 feet

4" = 0.65 gal/lin ft.

Unit Casing Volume*: x 0.16 gallon / foot

6" = 1.47 gal/lin ft.

Casing Water Volume: = 0.63 gallonsCasing Volume: x 3 eachEstimated Purge Volume: = 1.9 gallons

Free product measurement (if present):

Purged (gallons)	Time (24:00)	DO	ORP (mV)	Fe	Conductance (µS)	Temperature (Fahrenheit)	pH	Observations
0	1130	0.88	-17	—	1326	21.2	7.2	
.64	1131	X	X	X	1322	21.4	7.2	
1.0	1132	X	X	X	1320	21.4	7.2	
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				

Total Water Volume Purged: 1.0 gallonsDepth to Water at Sample Collection: — feetSample Collection Time: 1135Purged Dry? (Y/N) (N)

Comments:

**Groundwater Sampling Data Sheet**

Well I.D.: _____

Project Name/Location: _____

Sampler's Name: _____

Purging Equipment: _____

Sampling Equipment: _____

Casing Type: PVC

Casing Diameter: _____

Total Well Depth: _____

Depth to Water: _____

Water Column Thickness: _____

Unit Casing Volume*: _____

Casing Water Volume: _____

Casing Volume: _____

Estimated Purge Volume: _____

Free product measurement (if present): _____

MW-110

RP/ARCO 601

SB & LD

Driller

Driller

Project #: 06-88-605

Date: 8/25/11

***UNIT CASING VOLUMES**

2" = 0.16 gal/lin ft.

3" = 0.37 gal/lin ft.

4" = 0.65 gal/lin ft.

6" = 1.47 gal/lin ft.

Purged (gallons)	Time (24:00)	DO	ORP (mV)	Fe	Conductance (µS)	Temperature (Fahrenheit)	pH	Observations
0	1052	6.75	-41	—	1494	21.8	7.3	
2	1054	X	X	X	1485	22.5	7.1	
4	1056	X	X	X	1487	22.1	7.0	
6	1059	X	X	X	1485	21.7	7.0	
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				

Total Water Volume Purged: _____

Depth to Water at Sample Collection: _____

Sample Collection Time: _____

6.0 gallons

— feet

1105

Purged Dry? (Y/N) (N)

Comments: _____

**Groundwater Sampling Data Sheet**Well I.D.: mw-17Project Name/Location: BP/ARCO 601Project #: 06-88-605Sampler's Name: SB & LDDate: 8/25/11Purging Equipment: DrillerSampling Equipment: Driller

Casing Type: PVC

Casing Diameter: 4 inch***UNIT CASING VOLUMES**Total Well Depth: 15.00 feet

2" = 0.16 gal/lin ft.

Depth to Water: 6.90 feet

3" = 0.37 gal/lin ft.

Water Column Thickness: = 8.04 feet

4" = 0.65 gal/lin ft.

Unit Casing Volume*: x 0.65 gallon / foot

6" = 1.47 gal/lin ft.

Casing Water Volume: = 5.23 gallonsCasing Volume: x 3 eachEstimated Purge Volume: = 15.18 gallons

Free product measurement (if present):

Purged (gallons)	Time (24:00)	DO	ORP (mV)	Fe	Conductance (µS)	Temperature (Fahrenheit)	pH	Observations
0	1033	0.47	-18	—	1779	21.1	7.3	
2	1036	X	X	X	1780	23.1	7.1	
4	1038	X	X	X	1781	23.2	7.1	
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				

Total Water Volume Purged:

4.0 gallons

Depth to Water at Sample Collection:

6.9 feet

Sample Collection Time:

1045Purged Dry? (Y/N) (N)

Comments:

**Groundwater Sampling Data Sheet**

Well I.D.:

MW-18

Project Name/Location:

BP/AR10 601

Project #: 090-88-605

Sampler's Name:

SAB + LN

Date: 8/25/11

Purging Equipment:

Driher

Sampling Equipment:

Driher

Casing Type: PVC

Casing Diameter:

4 inch

***UNIT CASING VOLUMES**

Total Well Depth:

15.00 feet

2" = 0.16 gal/lin ft.

Depth to Water:

8.00 feet

3" = 0.37 gal/lin ft.

Water Column Thickness:

7.00 feet

4" = 0.65 gal/lin ft.

Unit Casing Volume*:

x 0.65 gallon / foot

6" = 1.47 gal/lin ft.

Casing Water Volume:

= 4.55 gallons

Casing Volume:

x 3 each

Estimated Purge Volume:

= 13.7 gallons

Free product measurement (if present):

Purged (gallons)	Time (24:00)	DO	ORP (mV)	Fe	Conductance (µS)	Temperature (Fahrenheit)	pH	Observations
0	0959	0.61	22	—	1495	22.2	7.3	
2	1002	X	X	X	1479	23.1	7.1	
4	1005	X	X	X	1478	23.0	7.1	
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				

Total Water Volume Purged:

4.0 gallons

Depth to Water at Sample Collection:

— feet

Sample Collection Time:

1015

Purged Dry? (Y/N)

Comments:

**BROADBENT & ASSOCIATES, INC.**

ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

Groundwater Sampling Data SheetWell I.D.: MW-19Project Name/Location: BP/ARCO 601Project #: 06-88-605Sampler's Name: SB + LDDate: 8/25/11Purging Equipment: PerlatorSampling Equipment: briter

Casing Type: PVC

Casing Diameter: 4 inchTotal Well Depth: 15.00 feetDepth to Water: 6.02 feetWater Column Thickness: 8.98 feetUnit Casing Volume*: 0.65 gallon / footCasing Water Volume: 5.83 gallonsCasing Volume: 3 eachEstimated Purge Volume: 17.5 gallons***UNIT CASING VOLUMES**

2" = 0.16 gal/lin ft.

3" = 0.37 gal/lin ft.

4" = 0.65 gal/lin ft.

6" = 1.47 gal/lin ft.

Free product measurement (if present):

Purged (gallons)	Time (24:00)	DO	ORP (mV)	Fe	Conductance (µS)	Temperature (Fahrenheit)	pH	Observations
0	0915	2.35	23	—	1629	20.6	7.1	
2	0917	X	X	X	1631	21.1	7.2	
4	0919	X	X	X	1632	21.1	7.2	
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				
		X	X	X				

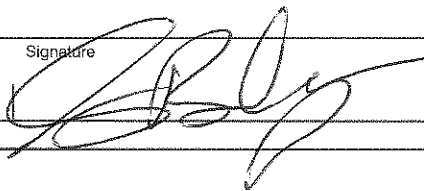
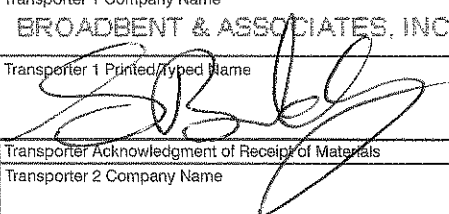
Total Water Volume Purged: 4.0 gallonsDepth to Water at Sample Collection: — feetSample Collection Time: 0919 0920Purged Dry? (Y/N) (N)

Comments:

NO. 689901

NON-HAZARDOUS WASTE DATA FORM

BEST #

GENERATOR	Generator's Name and Mailing Address BP WEST COAST PRODUCTS, LLC P.O. BOX 80249 RANCHO SANTA MARGARITA, CA 92688		Generator's Site Address (if different than mailing address) 712 Lewelling BP601 San Leandro, CA 94579																			
	Generator's Phone: 848-460-5200																					
	Container type removed from site: ☐ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck ☐ Other _____		Container type transported to receiving facility: ☐ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck ☐ Other _____																			
	Quantity <u>32</u>		Quantity _____ Volume _____																			
	WASTE DESCRIPTION <u>NON-HAZARDOUS WATER</u>		GENERATING PROCESS <u>WELL PURGING / DECON WATER</u>																			
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:40%;">COMPONENTS OF WASTE</th> <th style="width:10%;">PPM</th> <th style="width:10%;">%</th> </tr> </thead> <tbody> <tr> <td>1. <u>WATER</u></td> <td></td> <td><u>99-100%</u></td> </tr> <tr> <td>2. <u>TPH</u></td> <td></td> <td><u><1%</u></td> </tr> </tbody> </table>		COMPONENTS OF WASTE	PPM	%	1. <u>WATER</u>		<u>99-100%</u>	2. <u>TPH</u>		<u><1%</u>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:40%;">COMPONENTS OF WASTE</th> <th style="width:10%;">PPM</th> <th style="width:10%;">%</th> </tr> </thead> <tbody> <tr> <td>3. _____</td> <td></td> <td></td> </tr> <tr> <td>4. _____</td> <td></td> <td></td> </tr> </tbody> </table>		COMPONENTS OF WASTE	PPM	%	3. _____			4. _____		
COMPONENTS OF WASTE	PPM	%																				
1. <u>WATER</u>		<u>99-100%</u>																				
2. <u>TPH</u>		<u><1%</u>																				
COMPONENTS OF WASTE	PPM	%																				
3. _____																						
4. _____																						
	Waste Profile _____ PROPERTIES: pH <u>7-10</u> ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____																					
	HANDLING INSTRUCTIONS: <u>WEAR ALL APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.</u>																					
TRANSPORTER	Generator Printed/Typed Name <u>Sam Barkley</u>		Signature 																			
	The Generator certifies that the waste as described is 100% non-hazardous		Month Day Year <u>8</u> <u>25</u> <u>11</u>																			
	Transporter 1 Company Name <u>BROADBENT & ASSOCIATES, INC.</u>		Phone# <u>530-566-1400</u>																			
	Transporter 1 Printed/Typed Name 		Signature <u>Sam Barkley</u>																			
	Transporter 1 Acknowledgment of Receipt of Materials Transporter 2 Company Name _____		Phone# _____																			
	Transporter 2 Printed/Typed Name _____		Signature _____																			
	Transporter 2 Acknowledgment of Receipt of Materials _____		Month Day Year _____																			
RECEIVING FACILITY	Designated Facility Name and Site Address INSTRAT, INC. 1105 AIRPORT RD. RIO VISTA, CA 94571		Phone# <u>530-753-1820</u>																			
	Printed/Typed Name _____		Signature _____																			
	Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.		Month Day Year _____																			

APPENDIX C

LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION



Environmental & Marine Chemistry Laboratories

**CALSCIENCE****WORK ORDER NUMBER: 11-08-1981***The difference is service*

AIR :: SOIL :: WATER :: MARINE CHEMISTRY

Analytical Report For**Client:** Broadbent & Associates, Inc**Client Project Name:** BP 601**Attention:** Tom Sparrowe
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Approved for release on 09/12/2011 by:
Richard Villafania
Project Manager

ResultLink ▶

Email your PM ▶



Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety. Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.



Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Date Received: 08/30/11
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: BP 601

Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	11-08-1981-1-E	08/25/11 11:20	Aqueous	GC 57	09/01/11	09/01/11 23:45	110901B01

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Gasoline Range Organics (C6-C12)	10000	250	5		ug/L

<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>
1,4-Bromofluorobenzene	112	38-134	

MW-2	11-08-1981-2-D	08/25/11 10:30	Aqueous	GC 57	09/01/11	09/01/11 15:23	110901B01
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Comment(s): -LW Quantitated against gasoline.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Gasoline Range Organics (C6-C12)	780	50	1		ug/L

<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>
1,4-Bromofluorobenzene	102	38-134	

MW-3	11-08-1981-3-D	08/25/11 09:00	Aqueous	GC 57	09/01/11	09/02/11 01:18	110901B01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Gasoline Range Organics (C6-C12)	20000	1000	20		ug/L

<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>
1,4-Bromofluorobenzene	70	38-134	

MW-8	11-08-1981-4-D	08/25/11 08:45	Aqueous	GC 57	09/01/11	09/01/11 13:49	110901B01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Gasoline Range Organics (C6-C12)	ND	50	1		ug/L

<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>
1,4-Bromofluorobenzene	91	38-134	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Date Received: 08/30/11
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: BP 601

Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9	11-08-1981-5-D	08/25/11 11:50	Aqueous	GC 57	09/01/11	09/01/11 15:55	110901B01

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Gasoline Range Organics (C6-C12)	ND	50	1		ug/L

<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>
1,4-Bromofluorobenzene	123	38-134	

MW-10	11-08-1981-6-D	08/25/11 12:05	Aqueous	GC 57	09/01/11	09/01/11 16:26	110901B01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Gasoline Range Organics (C6-C12)	ND	50	1		ug/L

<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>
1,4-Bromofluorobenzene	88	38-134	

MW-14	11-08-1981-7-D	08/25/11 09:45	Aqueous	GC 57	09/01/11	09/01/11 16:57	110901B01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Gasoline Range Organics (C6-C12)	ND	50	1		ug/L

<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>
1,4-Bromofluorobenzene	76	38-134	

MW-15	11-08-1981-8-D	08/25/11 11:35	Aqueous	GC 57	09/01/11	09/01/11 18:00	110901B01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Gasoline Range Organics (C6-C12)	ND	50	1		ug/L

<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>
1,4-Bromofluorobenzene	77	38-134	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Broadbent & Associates, Inc
 875 Cotting Lane, Suite G
 Vacaville, CA 95688-9299

Date Received: 08/30/11
 Work Order No: 11-08-1981
 Preparation: EPA 5030C
 Method: EPA 8015B (M)

Project: BP 601

Page 3 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16	11-08-1981-9-D	08/25/11 11:05	Aqueous	GC 57	09/01/11	09/02/11 00:16	110901B01

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	2800	250	5		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	89	38-134			

MW-17	11-08-1981-10-D	08/25/11 10:45	Aqueous	GC 57	09/01/11	09/02/11 00:47	110901B01
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Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	5500	250	5		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	104	38-134			

MW-18	11-08-1981-11-D	08/25/11 10:15	Aqueous	GC 57	09/01/11	09/01/11 18:31	110901B01
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Comment(s): -LW Quantitated against gasoline.

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	640	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	110	38-134			

MW-19	11-08-1981-12-D	08/25/11 09:20	Aqueous	GC 57	09/01/11	09/01/11 19:03	110901B01
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Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	61	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



Broadbent & Associates, Inc
 875 Cotting Lane, Suite G
 Vacaville, CA 95688-9299

Date Received: 08/30/11
 Work Order No: 11-08-1981
 Preparation: EPA 5030C
 Method: EPA 8015B (M)

Project: BP 601

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-695-1,142	N/A	Aqueous	GC 57	09/01/11	09/01/11 12:15	110901B01

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	69	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Date Received: 08/30/11
Work Order No: 11-08-1981
Preparation: EPA 3510C
Method: EPA 8270C
Units: ug/L

Project: BP 601

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	11-08-1981-1-G	08/25/11 11:20	Aqueous	GC/MS SS	08/31/11	09/06/11 15:06	110831L13

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acenaphthene	ND	10	1		2,4-Dimethylphenol	ND	10	1	
Acenaphthylene	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
Anthracene	ND	10	1		2,4-Dinitrophenol	ND	50	1	
Benzidine	ND	50	1		2,4-Dinitrotoluene	ND	10	1	
Benzo (a) Anthracene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
Benzo (a) Pyrene	ND	10	1		Fluoranthene	ND	10	1	
Benzo (b) Fluoranthene	ND	10	1		Fluorene	ND	10	1	
Benzo (g,h,i) Perylene	ND	10	1		Hexachloro-1,3-Butadiene	ND	10	1	
Benzo (k) Fluoranthene	ND	10	1		Hexachlorobenzene	ND	10	1	
Benzoic Acid	ND	50	1		Hexachloroethane	ND	10	1	
Benzyl Alcohol	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Isophorone	ND	10	1	
Bis(2-Chloroethyl) Ether	ND	25	1		2-Methylnaphthalene	370	50	5	
Bis(2-Chloroisopropyl) Ether	ND	10	1		1-Methylnaphthalene	230	10	1	
Bis(2-Ethylhexyl) Phthalate	64	10	1		2-Methylphenol	ND	10	1	
4-Bromophenyl-Phenyl Ether	ND	10	1		3/4-Methylphenol	ND	10	1	
Butyl Benzyl Phthalate	ND	10	1		N-Nitroso-di-n-propylamine	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		N-Nitrosodimethylamine	ND	10	1	
4-Chloroaniline	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
2-Chloronaphthalene	ND	10	1		Naphthalene	80	10	1	
2-Chlorophenol	ND	10	1		4-Nitroaniline	ND	10	1	
4-Chlorophenyl-Phenyl Ether	ND	10	1		3-Nitroaniline	ND	10	1	
Chrysene	ND	10	1		2-Nitroaniline	ND	10	1	
Di-n-Butyl Phthalate	ND	10	1		Nitrobenzene	ND	25	1	
Di-n-Octyl Phthalate	ND	10	1		4-Nitrophenol	ND	10	1	
Dibenz (a,h) Anthracene	ND	10	1		2-Nitrophenol	ND	10	1	
Dibenzofuran	ND	10	1		Pentachlorophenol	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Phenanthrene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		Phenol	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Pyrene	ND	10	1	
3,3'-Dichlorobenzidine	ND	25	1		1,2,4-Trichlorobenzene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		2,4,6-Trichlorophenol	ND	10	1	
Diethyl Phthalate	ND	10	1		2,4,5-Trichlorophenol	ND	10	1	
Dimethyl Phthalate	ND	10	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
2-Fluorobiphenyl	90	50-110			2-Fluorophenol	52	20-110		
Nitrobenzene-d5	82	40-110			p-Terphenyl-d14	95	50-135		
Phenol-d6	32	10-115			2,4,6-Tribromophenol	92	40-125		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Date Received: 08/30/11
Work Order No: 11-08-1981
Preparation: EPA 3510C
Method: EPA 8270C
Units: ug/L

Project: BP 601

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-671-19	N/A	Aqueous	GC/MS SS	08/31/11	09/06/11 14:39	110831L13

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acenaphthene	ND	10	1		2,4-Dimethylphenol	ND	10	1	
Acenaphthylene	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
Anthracene	ND	10	1		2,4-Dinitrophenol	ND	50	1	
Benzidine	ND	50	1		2,4-Dinitrotoluene	ND	10	1	
Benzo (a) Anthracene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
Benzo (a) Pyrene	ND	10	1		Fluoranthene	ND	10	1	
Benzo (b) Fluoranthene	ND	10	1		Fluorene	ND	10	1	
Benzo (g,h,i) Perylene	ND	10	1		Hexachloro-1,3-Butadiene	ND	10	1	
Benzo (k) Fluoranthene	ND	10	1		Hexachlorobenzene	ND	10	1	
Benzoic Acid	ND	50	1		Hexachloroethane	ND	10	1	
Benzyl Alcohol	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Isophorone	ND	10	1	
Bis(2-Chloroethyl) Ether	ND	25	1		2-Methylnaphthalene	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		1-Methylnaphthalene	ND	10	1	
Bis(2-Ethylhexyl) Phthalate	ND	10	1		2-Methylphenol	ND	10	1	
4-Bromophenyl-Phenyl Ether	ND	10	1		3/4-Methylphenol	ND	10	1	
Butyl Benzyl Phthalate	ND	10	1		N-Nitroso-di-n-propylamine	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		N-Nitrosodimethylamine	ND	10	1	
4-Chloroaniline	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
2-Chloronaphthalene	ND	10	1		Naphthalene	ND	10	1	
2-Chlorophenol	ND	10	1		4-Nitroaniline	ND	10	1	
4-Chlorophenyl-Phenyl Ether	ND	10	1		3-Nitroaniline	ND	10	1	
Chrysene	ND	10	1		2-Nitroaniline	ND	10	1	
Di-n-Butyl Phthalate	ND	10	1		Nitrobenzene	ND	25	1	
Di-n-Octyl Phthalate	ND	10	1		4-Nitrophenol	ND	10	1	
Dibenz (a,h) Anthracene	ND	10	1		2-Nitrophenol	ND	10	1	
Dibenzofuran	ND	10	1		Pentachlorophenol	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Phenanthrene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		Phenol	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Pyrene	ND	10	1	
3,3'-Dichlorobenzidine	ND	25	1		1,2,4-Trichlorobenzene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		2,4,6-Trichlorophenol	ND	10	1	
Diethyl Phthalate	ND	10	1		2,4,5-Trichlorophenol	ND	10	1	
Dimethyl Phthalate	ND	10	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
2-Fluorobiphenyl	62	50-110			2-Fluorophenol	60	20-110		
Nitrobenzene-d5	87	40-110			p-Terphenyl-d14	90	50-135		
Phenol-d6	38	10-115			2,4,6-Tribromophenol	85	40-125		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Date Received: 08/30/11
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: BP 601

Page 1 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	11-08-1981-1-B	08/25/11 11:20	Aqueous	GC/MS L	09/01/11	09/01/11 15:08	110901L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	27	2.5	5		Methyl-t-Butyl Ether (MTBE)	ND	2.5	5	
1,2-Dibromoethane	ND	2.5	5		Tert-Butyl Alcohol (TBA)	ND	50	5	
1,2-Dichloroethane	ND	2.5	5		Diisopropyl Ether (DIPE)	ND	2.5	5	
Ethylbenzene	83	2.5	5		Ethyl-t-Butyl Ether (ETBE)	ND	2.5	5	
Toluene	ND	2.5	5		Tert-Amyl-Methyl Ether (TAME)	ND	2.5	5	
Xylenes (total)	3.2	2.5	5		Ethanol	ND	1500	5	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	106	68-120			Dibromofluoromethane	95	80-127		
1,2-Dichloroethane-d4	101	80-128			Toluene-d8	109	80-120		

MW-2	11-08-1981-2-B	08/25/11 10:30	Aqueous	GC/MS L	09/01/11	09/01/11 15:35	110901L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
1,2-Dibromoethane	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Ethylbenzene	0.79	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Toluene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	300	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	97	68-120			Dibromofluoromethane	87	80-127		
1,2-Dichloroethane-d4	92	80-128			Toluene-d8	102	80-120		

MW-3	11-08-1981-3-A	08/25/11 09:00	Aqueous	GC/MS L	08/31/11	09/01/11 02:55	110831L04
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	20	40		Methyl-t-Butyl Ether (MTBE)	ND	20	40	
1,2-Dibromoethane	ND	20	40		Tert-Butyl Alcohol (TBA)	ND	400	40	
1,2-Dichloroethane	ND	20	40		Diisopropyl Ether (DIPE)	ND	20	40	
Ethylbenzene	850	20	40		Ethyl-t-Butyl Ether (ETBE)	ND	20	40	
Toluene	ND	20	40		Tert-Amyl-Methyl Ether (TAME)	ND	20	40	
Xylenes (total)	1600	20	40		Ethanol	ND	12000	40	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	97	68-120			Dibromofluoromethane	92	80-127		
1,2-Dichloroethane-d4	96	80-128			Toluene-d8	105	80-120		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Date Received: 08/30/11
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: BP 601

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-8	11-08-1981-4-A	08/25/11 08:45	Aqueous	GC/MS L	08/31/11	09/01/11 00:09	110831L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	0.52	0.50	1	
1,2-Dibromoethane	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Toluene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	300	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	82	68-120			Dibromofluoromethane	102	80-127		
1,2-Dichloroethane-d4	99	80-128			Toluene-d8	101	80-120		

MW-9	11-08-1981-5-A	08/25/11 11:50	Aqueous	GC/MS L	08/31/11	09/01/11 03:22	110831L04
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	2.2	0.50	1	
1,2-Dibromoethane	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Toluene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	300	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	88	68-120			Dibromofluoromethane	92	80-127		
1,2-Dichloroethane-d4	89	80-128			Toluene-d8	97	80-120		

MW-10	11-08-1981-6-A	08/25/11 12:05	Aqueous	GC/MS L	08/31/11	09/01/11 03:50	110831L04
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	1.5	0.50	1	
1,2-Dibromoethane	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Toluene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	300	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	96	68-120			Dibromofluoromethane	95	80-127		
1,2-Dichloroethane-d4	96	80-128			Toluene-d8	102	80-120		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Date Received: 08/30/11
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: BP 601

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-14	11-08-1981-7-A	08/25/11 09:45	Aqueous	GC/MS L	08/31/11	09/01/11 04:18	110831L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
1,2-Dibromoethane	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Toluene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	300	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	87	68-120			Dibromofluoromethane	97	80-127		
1,2-Dichloroethane-d4	99	80-128			Toluene-d8	95	80-120		

MW-15	11-08-1981-8-A	08/25/11 11:35	Aqueous	GC/MS L	08/31/11	09/01/11 04:45	110831L04
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	2.9	0.50	1	
1,2-Dibromoethane	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Toluene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	300	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	90	68-120			Dibromofluoromethane	100	80-127		
1,2-Dichloroethane-d4	102	80-128			Toluene-d8	97	80-120		

MW-16	11-08-1981-9-B	08/25/11 11:05	Aqueous	GC/MS L	09/01/11	09/01/11 16:03	110901L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	31	4.0	8		Methyl-t-Butyl Ether (MTBE)	ND	4.0	8	
1,2-Dibromoethane	ND	4.0	8		Tert-Butyl Alcohol (TBA)	ND	80	8	
1,2-Dichloroethane	ND	4.0	8		Diisopropyl Ether (DIPE)	ND	4.0	8	
Ethylbenzene	180	4.0	8		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	8	
Toluene	17	4.0	8		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	8	
Xylenes (total)	480	4.0	8		Ethanol	ND	2400	8	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	93	68-120			Dibromofluoromethane	87	80-127		
1,2-Dichloroethane-d4	84	80-128			Toluene-d8	102	80-120		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Date Received: 08/30/11
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: BP 601

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-17	11-08-1981-10-B	08/25/11 10:45	Aqueous	GC/MS L	09/01/11	09/01/11 16:31	110901L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	140	10	20		Methyl-t-Butyl Ether (MTBE)	ND	10	20	
1,2-Dibromoethane	ND	10	20		Tert-Butyl Alcohol (TBA)	ND	200	20	
1,2-Dichloroethane	ND	10	20		Diisopropyl Ether (DIPE)	ND	10	20	
Ethylbenzene	250	10	20		Ethyl-t-Butyl Ether (ETBE)	ND	10	20	
Toluene	ND	10	20		Tert-Amyl-Methyl Ether (TAME)	ND	10	20	
Xylenes (total)	870	10	20		Ethanol	ND	6000	20	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	93	68-120			Dibromofluoromethane	86	80-127		
1,2-Dichloroethane-d4	83	80-128			Toluene-d8	101	80-120		

MW-18	11-08-1981-11-A	08/25/11 10:15	Aqueous	GC/MS L	08/31/11	09/01/11 06:08	110831L04
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	3.4	0.50	1		Methyl-t-Butyl Ether (MTBE)	4.9	0.50	1	
1,2-Dibromoethane	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Ethylbenzene	4.1	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Toluene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	4.8	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	300	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	98	68-120			Dibromofluoromethane	90	80-127		
1,2-Dichloroethane-d4	89	80-128			Toluene-d8	101	80-120		

MW-19	11-08-1981-12-A	08/25/11 09:20	Aqueous	GC/MS L	08/31/11	09/01/11 06:35	110831L04
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
1,2-Dibromoethane	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Toluene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	300	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	89	68-120			Dibromofluoromethane	92	80-127		
1,2-Dichloroethane-d4	91	80-128			Toluene-d8	103	80-120		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Date Received: 08/30/11
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: BP 601

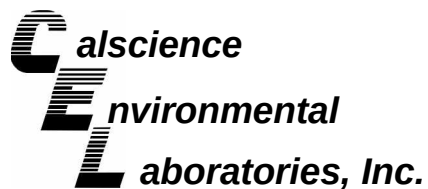
Page 5 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-703-1,843	N/A	Aqueous	GC/MS L	08/31/11	08/31/11 23:42	110831L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
1,2-Dibromoethane	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Toluene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	300	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	105	68-120			Dibromofluoromethane	89	80-127		
1,2-Dichloroethane-d4	104	80-128			Toluene-d8	115	80-120		

Method Blank	099-12-703-1,844	N/A	Aqueous	GC/MS L	09/01/11	09/01/11 11:54	110901L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
1,2-Dibromoethane	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloroethane	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Toluene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	300	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	90	68-120			Dibromofluoromethane	96	80-127		
1,2-Dichloroethane-d4	100	80-128			Toluene-d8	96	80-120		



Quality Control - Spike/Spike Duplicate



Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

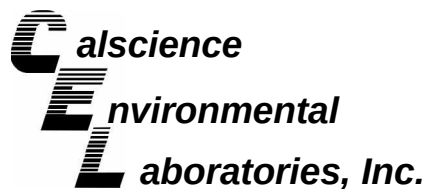
Date Received: 08/30/11
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-8	Aqueous	GC 57	09/01/11	09/01/11	110901S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	82	78	38-134	5	0-25	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



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875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

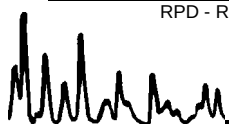
Date Received: 08/30/11
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8260B

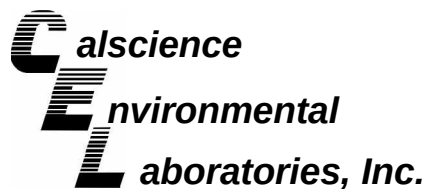
Project BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-8	Aqueous	GC/MS L	08/31/11	09/01/11	110831S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	103	76-124	0	0-20	
Carbon Tetrachloride	93	94	74-134	1	0-20	
Chlorobenzene	94	105	80-120	11	0-20	
1,2-Dibromoethane	98	114	80-120	15	0-20	
1,2-Dichlorobenzene	109	96	80-120	12	0-20	
1,2-Dichloroethane	97	98	80-120	1	0-20	
Ethylbenzene	110	98	78-126	11	0-20	
Toluene	86	122	80-120	34	0-20	LM,AY
Trichloroethene	97	101	77-120	4	0-20	
Methyl-t-Butyl Ether (MTBE)	100	120	67-121	17	0-49	
Tert-Butyl Alcohol (TBA)	134	121	36-162	10	0-30	
Diisopropyl Ether (DIPE)	96	111	60-138	14	0-45	
Ethyl-t-Butyl Ether (ETBE)	95	108	69-123	13	0-30	
Tert-Amyl-Methyl Ether (TAME)	104	102	65-120	2	0-20	
Ethanol	117	129	30-180	10	0-72	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

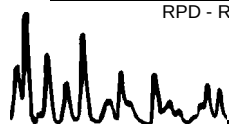
Date Received: 08/30/11
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8260B

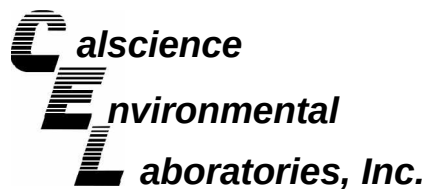
Project BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
11-08-2061-2	Aqueous	GC/MS L	09/01/11	09/01/11	110901S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	108	110	76-124	2	0-20	
Carbon Tetrachloride	110	114	74-134	3	0-20	
Chlorobenzene	100	103	80-120	3	0-20	
1,2-Dibromoethane	101	100	80-120	1	0-20	
1,2-Dichlorobenzene	96	103	80-120	7	0-20	
1,2-Dichloroethane	102	106	80-120	4	0-20	
Ethylbenzene	102	108	78-126	4	0-20	
Toluene	106	108	80-120	2	0-20	
Trichloroethene	104	108	77-120	4	0-20	
Methyl-t-Butyl Ether (MTBE)	101	107	67-121	6	0-49	
Tert-Butyl Alcohol (TBA)	102	112	36-162	9	0-30	
Diisopropyl Ether (DIPE)	95	104	60-138	9	0-45	
Ethyl-t-Butyl Ether (ETBE)	96	104	69-123	8	0-30	
Tert-Amyl-Methyl Ether (TAME)	108	110	65-120	2	0-20	
Ethanol	96	116	30-180	19	0-72	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Date Received: N/A
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-695-1,142	Aqueous	GC 57	09/01/11	09/01/11	110901B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	80	81	78-120	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Quality Control - LCS/LCS Duplicate

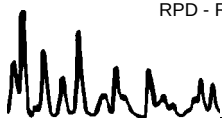

Broadbent & Associates, Inc
 875 Cotting Lane, Suite G
 Vacaville, CA 95688-9299

Date Received: N/A
 Work Order No: 11-08-1981
 Preparation: EPA 3510C
 Method: EPA 8270C

Project: BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-671-19	Aqueous	GC/MS SS	08/31/11	09/06/11	110831L13		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Acenaphthene	83	82	45-110	34-121	1	0-11	
Acenaphthylene	82	82	50-105	41-114	1	0-20	
Anthracene	84	84	55-110	46-119	1	0-20	
Benzidine	136	83	50-130	37-143	48	0-20	LQ
Benzo (a) Anthracene	85	86	55-110	46-119	1	0-20	
Benzo (a) Pyrene	107	96	55-110	46-119	11	0-20	
Benzo (b) Fluoranthene	100	91	45-120	32-132	10	0-20	
Benzo (g,h,i) Perylene	117	98	40-125	26-139	18	0-20	
Benzo (k) Fluoranthene	81	79	45-125	32-138	2	0-20	
Benzoic Acid	66	66	50-130	37-143	1	0-20	
Benzyl Alcohol	76	79	30-110	17-123	4	0-20	
Bis(2-Chloroethoxy) Methane	81	80	45-105	35-115	1	0-20	
Bis(2-Chloroethyl) Ether	79	78	35-110	22-122	1	0-20	
Bis(2-Chloroisopropyl) Ether	76	80	25-130	8-148	5	0-20	
Bis(2-Ethylhexyl) Phthalate	79	81	40-125	26-139	3	0-20	
4-Bromophenyl-Phenyl Ether	89	90	50-115	39-126	2	0-20	
Butyl Benzyl Phthalate	79	80	45-115	33-127	1	0-20	
4-Chloro-3-Methylphenol	83	82	45-110	34-121	1	0-40	
4-Chloroaniline	86	78	15-110	0-126	9	0-20	
2-Chloronaphthalene	82	80	50-105	41-114	2	0-20	
2-Chlorophenol	79	80	35-105	23-117	2	0-18	
4-Chlorophenyl-Phenyl Ether	88	84	50-110	40-120	5	0-20	
Chrysene	85	85	55-110	46-119	0	0-20	
Di-n-Butyl Phthalate	83	80	55-115	45-125	4	0-20	
Di-n-Octyl Phthalate	84	83	35-135	18-152	1	0-20	
Dibenz (a,h) Anthracene	113	99	40-125	26-139	13	0-20	
Dibenzofuran	83	83	55-105	47-113	0	0-20	
1,2-Dichlorobenzene	76	77	35-100	24-111	1	0-20	
1,3-Dichlorobenzene	76	76	30-100	18-112	0	0-20	
1,4-Dichlorobenzene	77	77	30-100	18-112	0	0-26	
3,3'-Dichlorobenzidine	151	170	20-110	5-125	12	0-20	LQ
2,4-Dichlorophenol	84	85	50-105	41-114	1	0-20	
Diethyl Phthalate	84	80	40-120	27-133	4	0-20	
Dimethyl Phthalate	83	80	25-125	8-142	5	0-20	
2,4-Dimethylphenol	83	82	30-110	17-123	0	0-20	
4,6-Dinitro-2-Methylphenol	85	79	40-130	25-145	7	0-20	
2,4-Dinitrophenol	91	72	15-140	0-161	22	0-20	RB
2,4-Dinitrotoluene	83	82	50-120	38-132	0	0-36	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate


Broadbent & Associates, Inc
 875 Cotting Lane, Suite G
 Vacaville, CA 95688-9299

Date Received: N/A
 Work Order No: 11-08-1981
 Preparation: EPA 3510C
 Method: EPA 8270C

Project: BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-671-19	Aqueous	GC/MS SS	08/31/11	09/06/11	110831L13		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
2,6-Dinitrotoluene	83	80	50-115	39-126	4	0-20	
Fluoranthene	86	84	55-115	45-125	2	0-20	
Fluorene	84	83	50-110	40-120	1	0-20	
Hexachloro-1,3-Butadiene	83	82	25-105	12-118	2	0-20	
Hexachlorobenzene	83	82	50-110	40-120	1	0-20	
Hexachloroethane	73	73	30-95	19-106	0	0-20	
Indeno (1,2,3-c,d) Pyrene	107	94	45-125	32-138	13	0-20	
Isophorone	81	80	50-110	40-120	1	0-20	
2-Methylnaphthalene	85	84	45-105	35-115	1	0-20	
1-Methylnaphthalene	84	83	80-120	73-127	1	0-20	
2-Methylphenol	76	78	40-110	28-122	3	0-20	
3/4-Methylphenol	74	76	30-110	17-123	3	0-20	
N-Nitroso-di-n-propylamine	81	77	35-130	19-146	5	0-13	
N-Nitrosodimethylamine	65	65	25-110	11-124	1	0-20	
N-Nitrosodiphenylamine	96	97	50-110	40-120	1	0-20	
Naphthalene	82	82	40-100	30-110	1	0-20	
4-Nitroaniline	91	97	35-120	21-134	6	0-20	
3-Nitroaniline	124	132	20-125	2-142	6	0-20	LQ
2-Nitroaniline	80	81	50-115	39-126	1	0-20	
Nitrobenzene	80	79	45-110	34-121	1	0-20	
4-Nitrophenol	67	67	20-150	0-172	1	0-40	
2-Nitrophenol	77	78	40-115	28-128	1	0-20	
Pentachlorophenol	86	86	40-115	28-128	0	0-40	
Phenanthrene	84	86	50-115	39-126	3	0-20	
Phenol	60	62	10-115	0-132	3	0-23	
Pyrene	78	80	50-130	37-143	3	0-20	
1,2,4-Trichlorobenzene	83	83	35-105	23-117	0	0-21	
2,4,6-Trichlorophenol	84	85	50-115	39-126	2	0-20	
2,4,5-Trichlorophenol	85	84	50-110	40-120	1	0-20	

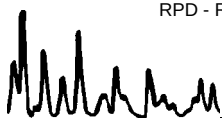
Total number of LCS compounds : 67

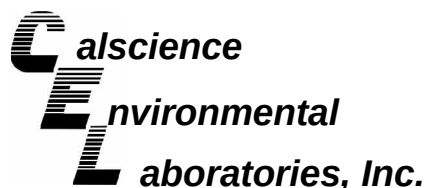
Total number of ME compounds : 2

Total number of ME compounds allowed : 3

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Date Received: N/A
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8260B

Project: BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-703-1,843	Aqueous	GC/MS L	08/31/11	08/31/11	110831L04		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	107	98	80-120	73-127	9	0-20	
Carbon Tetrachloride	81	82	74-134	64-144	1	0-20	
Chlorobenzene	95	97	80-120	73-127	2	0-20	
1,2-Dibromoethane	90	94	79-121	72-128	5	0-20	
1,2-Dichlorobenzene	88	90	80-120	73-127	2	0-20	
1,2-Dichloroethane	92	88	80-120	73-127	4	0-20	
Ethylbenzene	98	91	80-120	73-127	7	0-20	
Toluene	96	95	80-120	73-127	0	0-20	
Trichloroethene	98	94	79-127	71-135	5	0-20	
Methyl-t-Butyl Ether (MTBE)	99	105	69-123	60-132	6	0-20	
Tert-Butyl Alcohol (TBA)	93	102	63-123	53-133	9	0-20	
Diisopropyl Ether (DIPE)	98	100	59-137	46-150	2	0-37	
Ethyl-t-Butyl Ether (ETBE)	94	95	69-123	60-132	0	0-20	
Tert-Amyl-Methyl Ether (TAME)	102	96	70-120	62-128	6	0-20	
Ethanol	99	110	28-160	6-182	10	0-57	

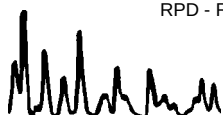
Total number of LCS compounds : 15

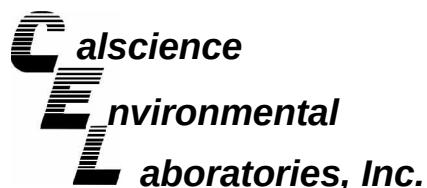
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



Broadbent & Associates, Inc
875 Cotting Lane, Suite G
Vacaville, CA 95688-9299

Date Received: N/A
Work Order No: 11-08-1981
Preparation: EPA 5030C
Method: EPA 8260B

Project: BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-703-1,844	Aqueous	GC/MS L	09/01/11	09/01/11	110901L01		
<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>ME CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	98	97	80-120	73-127	1	0-20	
Carbon Tetrachloride	101	103	74-134	64-144	2	0-20	
Chlorobenzene	100	99	80-120	73-127	1	0-20	
1,2-Dibromoethane	91	97	79-121	72-128	6	0-20	
1,2-Dichlorobenzene	95	95	80-120	73-127	0	0-20	
1,2-Dichloroethane	100	98	80-120	73-127	2	0-20	
Ethylbenzene	103	102	80-120	73-127	2	0-20	
Toluene	104	101	80-120	73-127	3	0-20	
Trichloroethene	99	96	79-127	71-135	4	0-20	
Methyl-t-Butyl Ether (MTBE)	92	100	69-123	60-132	8	0-20	
Tert-Butyl Alcohol (TBA)	99	98	63-123	53-133	1	0-20	
Diisopropyl Ether (DIPE)	91	96	59-137	46-150	5	0-37	
Ethyl-t-Butyl Ether (ETBE)	89	96	69-123	60-132	8	0-20	
Tert-Amyl-Methyl Ether (TAME)	96	97	70-120	62-128	2	0-20	
Ethanol	126	103	28-160	6-182	20	0-57	

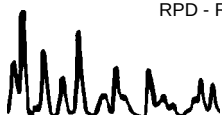
Total number of LCS compounds : 15

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

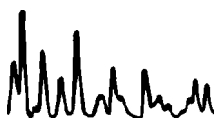


Glossary of Terms and Qualifiers



Work Order Number: 11-08-1981

<u>Qualifier</u>	<u>Definition</u>
AX	Sample too dilute to quantify surrogate.
BA	Relative percent difference out of control.
BA,AY	BA = Relative percent difference out of control. AY = Matrix interference suspected.
BB	Sample > 4x spike concentration.
BF	Reporting limits raised due to high hydrocarbon background.
BH	Reporting limits raised due to high level of non-target analytes.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
BY	Sample received at improper temperature.
BZ	Sample preserved improperly.
CL	Initial analysis within holding time but required dilution.
CQ	Analyte concentration greater than 10 times the blank concentration.
CU	Surrogate concentration diluted to not detectable during analysis.
DF	Reporting limits elevated due to matrix interferences.
DU	Insufficient sample quantity for matrix spike/dup matrix spike.
ET	Sample was extracted past end of recommended max. holding time.
ET	Sample was extracted past end of recommended maximum holding time.
EY	Result exceeds normal dynamic range; reported as a min est.
GR	Internal standard recovery is outside method recovery limit.
IB	CCV recovery abovelimit; analyte not detected.
IH	Calibrtn. verif. recov. below method CL for this analyte.
IJ	Calibrtn. verif. recov. above method CL for this analyte.
J,DX	J=EPA Flag -Estimated value; DX= Value < lowest standard (MQL), but > than MDL.
LA	Confirmatory analysis was past holding time.
LG,AY	LG= Surrogate recovery below the acceptance limit. AY= Matrix interference suspected.
LH,AY	LH= Surrogate recovery above the acceptance limit. AY= Matrix interference suspected.
LM,AY	LM= MS and/or MSD above acceptance limits. See Blank Spike (LCS). AY= Matrix interference suspected.
LN,AY	LN= MS and/or MSD below acceptance limits. See Blank Spike (LCS). AY= Matrix interference suspected.
LQ	LCS recovery above method control limits.
LR	LCS recovery below method control limits.
LW	Quantitation of unknown hydrocarbon(s) in sample based on gasoline.
LX	Quantitation of unknown hydrocarbon(s) in sample based on diesel.
MB	Analyte present in the method blank.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
PC	Sample taken from VOA vial with air bubble > 6mm diameter.
PI	Primary and confirm results varied by > than 40% RPD.
RB	RPD exceeded method control limit; % recoveries within limits.
SG	A silica gel cleanup procedure was performed.



QualifierDefinition

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.



BP/ARC Project Name: BP 601

Req Due Date (mm/dd/yy): _____ Rush MAT: Yes _____ No X

BP/ARC Facility No: 601

Lab Work Order Number: _____

Lab Name: <u>Calscience</u>				BP/ARC Facility Address: <u>712 Lewelling Blvd.</u>				Consultant/Contractor: <u>Broadbent & Associates, Inc.</u>			
Lab Address: <u>7440 Lincoln Way</u>				City, State, ZIP Code: <u>San Leandro, CA</u>				Consultant/Contractor Project No: <u>06-88-605-401-1080</u>			
Lab PM: <u>Richard Villafania</u>				Lead Regulatory Agency: <u>ACEH</u>				Address: <u>875 Cotting Lane Suite G, Vacaville, Ca 95688</u>			
Lab Phone: <u>714-895-5494</u>				California Global ID No.: <u>T0600100108</u>				Consultant/Contractor PM: <u>Tom Sparrowe</u>			
Lab Shipping Acct: <u>9255</u>				Enfos Proposal No: <u>005ZB-0001</u>				Phone: <u>707-455-7290</u>			
Lab Bottle Order No:				Accounting Mode: Provision <u>X</u> OOC-BU _____ OOC-RM _____				Email EDD To: <u>tsparrowe@broadbentinc.com</u>			
Other Info:				Stage: <u>Operate (40)</u> Activity: <u>Monitoring/MNA (80)</u>				Invoice To: <u>BP/ARC X</u> Contractor _____			

BP/ARC EBM: <u>Shannon Couch</u>				Matrix		No. Containers / Preservative								Requested Analyses								Report Type & QC Level	
EBM Phone: <u>925-275-3804</u>				Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO (8015)	BTEX (8260)	5 Olys (8260)	EDB (8260)	1,2-DCA (8260)	Ethanol (8260)	SVOCs (8270)	Standard <u>X</u>			
EBM Email: <u>shannon.couch@bp.com</u>																				Full Data Package _____			
Lab No.	Sample Description	Date	Time																		Comments		
<u>1</u>	<u>MW-1</u>	<u>8/25/11</u>	<u>1120</u>		X						X		X	X	X	X	X	X	X				
<u>2</u>	<u>MW-2</u>		<u>1030</u>		X						X		X	X	X	X	X	X					
<u>3</u>	<u>MW-3</u>		<u>0900</u>		X						X		X	X	X	X	X	X					
<u>4</u>	<u>MW-8</u>		<u>0845</u>		X						X		X	X	X	X	X	X					
<u>5</u>	<u>MW-9</u>		<u>1150</u>		X						X		X	X	X	X	X	X					
<u>6</u>	<u>MW-10</u>		<u>1205</u>		X						X		X	X	X	X	X	X					
<u>7</u>	<u>MW-14</u>		<u>0945</u>		X						X		X	X	X	X	X	X					
<u>8</u>	<u>MW-15</u>		<u>1135</u>		X						X		X	X	X	X	X	X					
<u>9</u>	<u>MW-16</u>		<u>1105</u>		X						X		X	X	X	X	X	X					
<u>10</u>	<u>MW-17</u>		<u>1045</u>		X						X		X	X	X	X	X	X					

Sampler's Name: <u>Sam Borkley</u>		Relinquished By / Affiliation: <u>[Signature]</u>		Date: <u>8/29/11</u>	Time: <u>1600</u>	Accepted By / Affiliation: <u>[Signature]</u>		Date: <u>8/30/11</u>	Time: <u>1100</u>
Sampler's Company: <u>BAS</u>									
Shipment Method: <u>GSO</u>		Ship Date: <u>8/29/11</u>							
Shipment Tracking No: <u>107158363</u>									

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: _____ °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No

Laboratory Management Program LaMP Chain of Custody Record

1911

BP/ARC Project Name: BP 601
BP/ARC Facility No: 601

Req Due Date (mm/dd/yy): _____ Rush TAT: Yes ___ No X
Lab Work Order Number: _____

Lab Name: Calscience				BP/ARC Facility Address: 712 Lewelling Blvd.				Consultant/Contractor: Broadbent & Associates, Inc.																	
Lab Address: 7440 Lincoln Way				City, State, ZIP Code: San Leandro, CA				Consultant/Contractor Project No: 06-88-605-401-1080																	
Lab PM: Richard Villafania				Lead Regulatory Agency: ACEH				Address: 875 Cotting Lane Suite G, Vacaville, Ca 95688																	
Lab Phone: 714-895-5494				California Global ID No.: T0600100108				Consultant/Contractor PM: Tom Sparrowe																	
Lab Shipping Acct: 9255				Enfos Proposal No: 005ZB-0001				Phone: 707-455-7290																	
Lab Bottle Order No:				Accounting Mode: Provision <u>X</u> OOC-BU ___ OOC-RM ___				Email EDD To: tsparrowe@broadbentinc.com																	
Other Info:				Stage: Operate (40) Activity: Monitoring/MNA (80)				Invoice To: BP/ARC <u>X</u> Contractor ___																	
BP/ARC EBM: Shannon Couch				Matrix		No. Containers / Preservative		Requested Analyses						Report Type & QC Level											
EBM Phone: 925-275-3804														Standard <u>X</u>											
EBM Email: shannon.couch@bp.com														Full Data Package ___											
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO (8015)	BTEX (8260)	5 Oxys (8260)	EDB (8260)	1,2-DCA (8260)	Ethanol (8260)	SVOCs (8270)					Comments	
11	MW-18	8/25/11	1015	X							X		X	X	X	X	X	X							
12	MW-19	8/25/11	0920	X							X		X	X	X	X	X	X							
13	TB-601- 110825	8/25/11	1210	X																				on hold	
Sampler's Name: <u>Sam Barkley</u>				Relinquished By / Affiliation: <u>[Signature]</u>				Date: <u>8/29/11</u>		Time: <u>1600</u>		Accepted By / Affiliation: <u>[Signature]</u>				Date: <u>8/30/11</u>		Time: <u>1100</u>							
Sampler's Company: <u>RAI</u>																									
Shipment Method: <u>CSO</u>				Ship Date: <u>8/29/11</u>																					
Shipment Tracking No: <u>10715-8363</u>																									
Special Instructions:																									
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No				Temp Blank: Yes / No				Cooler Temp on Receipt: _____ °F/C				Trip Blank: Yes / No				MS/MSD Sample Submitted: Yes / No									



GSO
GOLDEN STATE OVERNIGHT

1-800-322-5555
WWW.GSO.COM

SHIPPING AIR BILL		PACKAGE
4 PACKAGE INFORMATION		
☐	LETTER (MAX 8 OZ)	
☐	PACKAGE (WT) _____	
☐	DECLARED VALUE \$ _____	
☐	COD AMOUNT \$ _____ (CASH NOT ACCEPTED)	
☐	EARLY PRIORITY BY 8:00 AM	☐ SATURDAY DELIVERY
CONTACT YOUR SERVICE GUIDE OR CALL GOLDEN STATE OVERNIGHT		
LIVERY WITHOUT OBTAINING SIGNATURE		
476450		
DRIVER #	ROUTE #	
		
107158363		

WORK ORDER #: 11-08-1981

SAMPLE RECEIPT FORMCooler 1 of 1CLIENT: BroadbentDATE: 08/30/11

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0°C – 6.0°C, not frozen)

Temperature 2.1 °C + 0.5°C (CF) = 2.6 °C ☒ Blank ☐ Sample☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.☐ Received at ambient temperature, placed on ice for transport by Courier.Ambient Temperature: ☐ Air ☐ FilterInitial: JP**CUSTODY SEALS INTACT:**☒ Cooler ☐ _____ ☐ No (Not Intact) ☐ Not Present ☐ N/AInitial: JP☐ Sample ☐ _____ ☐ No (Not Intact) ☒ Not PresentInitial: JP**SAMPLE CONDITION:**

Yes No N/A

Chain-Of-Custody (COC) document(s) received with samples..... ☒☐COC document(s) received complete..... ☐☒☒ Collection date/time, matrix, and/or # of containers logged in based on sample labels.☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.Sampler's name indicated on COC..... ☒☐Sample container label(s) consistent with COC..... ☒☐Sample container(s) intact and good condition..... ☒☐Proper containers and sufficient volume for analyses requested..... ☒☐Analyses received within holding time..... ☒☐pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours... ☐☐Proper preservation noted on COC or sample container..... ☒☐☐ Unpreserved vials received for Volatiles analysisVolatile analysis container(s) free of headspace..... ☐☒Tedlar bag(s) free of condensation..... ☐☐**CONTAINER TYPE:**Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (____) ☐ EnCores® ☐ TerraCores® ☐ _____Water: ☐ VOA ☒ VOA⁶ ☐ VOAn₂ ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 1AGB ☒ 1AGBn₂ ☐ 1AGBs☐ 500AGB ☐ 500AGJ ☐ 500AGJs ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☐ 1PB ☐ 500PB ☐ 500PBna☐ 250PB ☐ 250PBn ☐ 125PB ☐ 125PBznna ☐ 100PJ ☐ 100PJna₂ ☐ _____ ☐ _____Air: ☐ Tedlar® ☐ Summa® Other: ☐ _____ Trip Blank Lot#: 110601A Labeled/Checked by: JPContainer: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: WSCPreservative: h: HCL n: HNO₃ na₂: Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ znna: ZnAc₂+NaOH f: Field-filtered Scanned by: WSC

WORK ORDER #: 11-08-1981

SAMPLE ANOMALY FORM

SAMPLES - CONTAINERS & LABELS:

Comments:

- ☐ Sample(s)/Container(s) NOT RECEIVED but listed on COC
- ☐ Sample(s)/Container(s) received but NOT LISTED on COC
- ☐ Holding time expired – list sample ID(s) and test
- ☐ Insufficient quantities for analysis – list test
- ☐ Improper container(s) used – list test
- ☐ Improper preservative used – list test
- ☐ No preservative noted on COC or label – list test & notify lab
- ☐ Sample labels illegible – note test/container type
- ☐ Sample label(s) do not match COC – Note in comments
 - ☐ Sample ID
 - ☐ Date and/or Time Collected
 - ☐ Project Information
 - ☐ # of Container(s)
 - ☐ Analysis
- ☐ Sample container(s) compromised – Note in comments
 - ☐ Water present in sample container
 - ☐ Broken
- ☐ Sample container(s) not labeled
- ☐ Air sample container(s) compromised – Note in comments
 - ☐ Flat
 - ☐ Very low in volume
 - ☐ Leaking (Not transferred - duplicate bag submitted)
 - ☐ Leaking (transferred into Calscience Tedlar® Bag*)
 - ☐ Leaking (transferred into Client's Tedlar® Bag*)
- ☐ Other: _____

HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Cont. received	Analysis
6	CF	6							
10	C	6							
12	CF	6							
13	AB	2							

Comments: _____

*Transferred at Client's request.

Initial / Date: NS 08/30/11

APPENDIX D

CO- MONITORING DATA
FORMER SHELL STATION #129460

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-1	07/08/1985	520	---	---	---	---	---	---	21.55	---	---	---	---
S-1	09/06/1988	<50	<0.5	<1	<1	<0.3	---	---	21.55	---	---	---	---
S-1	11/16/1988	<50	<0.5	<1	<1	<0.3	---	---	21.55	8.01	13.54	---	---
S-1	02/27/1989	<50	0.5	<1	<1	<0.3	---	---	21.55	---	---	---	---
S-1	05/04/1989	<50	1.0	<1	<1	<0.3	---	---	21.55	---	---	---	---
S-1	08/10/1989	<50	0.7	<1	<1	<0.3	---	---	21.55	7.93	13.62	---	---
S-1	10/10/1989	<50	<0.5	<1	<1	<0.3	---	---	21.55	8.09	13.46	---	---
S-1	01/25/1990	<50	<0.5	<0.5	<0.5	<1	---	---	21.55	7.73	13.82	---	---
S-1	04/18/1990	<50	<0.5	<0.5	<0.5	<1	---	---	21.55	7.91	13.64	---	---
S-1	07/23/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.55	7.72	13.83	---	---
S-1	10/18/1990	80	5	<0.5	<0.5	3.0	---	---	21.55	8.55	13.00	---	---
S-1	01/28/1991	<50	4.5	<0.5	<0.5	2.0	---	---	21.55	8.52	13.03	---	---
S-1	04/25/1991	80a	3.7	<0.5	0.7	2.0	---	---	21.55	7.18	14.37	---	---
S-1	07/09/1991	200	16	<0.5	1.3	5.8	---	---	21.55	8.22	13.33	---	---
S-1	10/08/1991	<50	2.3	<0.5	<0.5	<0.5	---	---	21.55	8.70	12.85	---	---
S-1	02/05/1992	160	8.9	<0.5	2.1	6.0	---	---	21.55	8.14	13.41	---	---
S-1	04/28/1992	<50	2.4	<0.5	<0.5	0.9	---	---	21.55	7.52	14.03	---	---
S-1	07/27/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.55	8.28	13.27	---	---
S-1	10/26/1992	57	3.0	1.6	1.4	1.7	---	---	21.55	8.74	12.81	---	---
S-1	01/14/1993	490	53	1.2	20	33	---	---	21.55	5.91	15.64	---	---
S-1	04/16/1993	240	20	<0.5	15	240	---	---	21.55	6.66	14.89	---	---
S-1	07/23/1993	<50	0.5	<0.5	<0.5	<0.5	---	---	21.55	7.53	14.02	---	---
S-1	10/27/1993	60	5.9	<0.5	2.5	1.7	---	---	21.55	8.20	13.35	---	---
S-1	01/27/1994	<50	2.1	<0.5	<0.5	0.63	---	---	21.55	7.26	14.29	---	---
S-1	05/05/1994	57	3.9	<0.5	1.9	1.9	---	---	21.27	7.38	13.89	---	---
S-1	07/26/1994	<50	2.2	<0.3	<0.3	<0.6	---	---	21.27	7.86	13.41	---	---
S-1	10/28/1994	<50	0.8	<0.3	<0.3	0.8	---	---	21.27	7.86	13.41	---	---
S-1	01/02/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.27	6.85	14.42	---	---
S-1	04/14/1995	---	---	---	---	---	---	---	21.27	6.08	15.19	---	---
S-1	07/28/1995	60	2.2	<0.5	1.3	1.2	---	---	21.27	6.79	14.48	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-1	10/17/1995	60	2.6	<0.5	1.2	1.3	---	---	21.27	7.04	14.23	---	---
S-1	01/11/1996	<50	2.0	<0.5	<0.5	<0.5	<2	---	21.27	6.40	14.87	---	---
S-1	04/02/1996	---	---	---	---	---	---	---	21.27	5.84	15.43	---	---
S-1	07/09/1996	---	---	---	---	---	---	---	21.27	6.50	14.77	---	---
S-1	10/10/1996	---	---	---	---	---	---	---	21.27	7.31	13.96	---	---
S-1	01/09/1997	<50	<0.50	<0.50	<0.50	<0.50	6.7	---	21.27	5.50	15.77	---	---
S-1	04/08/1997	---	---	---	---	---	---	---	21.27	7.03	14.24	---	---
S-1	07/21/1997	---	---	---	---	---	---	---	21.27	7.00	14.27	---	---
S-1	10/08/1997	---	---	---	---	---	---	---	21.27	7.51	13.76	---	---
S-1	01/15/1998	420	16	<0.50	4.6	3.9	26	---	21.27	5.43	15.84	---	---
S-1	04/14/1998	---	---	---	---	---	---	---	21.27	5.55	15.72	---	---
S-1	07/14/1998	---	---	---	---	---	---	---	21.33	6.38	14.95	---	---
S-1	10/20/1998	---	---	---	---	---	---	---	21.33	7.48	13.85	---	---
S-1	01/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	2.53	---	21.33	6.37	14.96	---	---
S-1	04/08/1999	---	---	---	---	---	---	---	21.33	5.93	15.40	---	---
S-1	07/23/1999	---	---	---	---	---	---	---	21.33	7.20	14.13	---	---
S-1	10/26/1999	---	---	---	---	---	---	---	21.33	7.61	13.72	---	---
S-1	01/03/2000	<50.0	<0.500	<0.500	<0.500	<0.500	4.73	---	21.33	7.76	13.57	---	---
S-1	04/14/2000	---	---	---	---	---	---	---	21.33	6.35	14.98	---	---
S-1	07/12/2000	---	---	---	---	---	---	---	21.33	7.05	14.28	---	---
S-1	11/01/2000	---	---	---	---	---	---	---	21.33	6.51	14.82	---	---
S-1	01/03/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	21.33	7.49	13.84	---	---
S-1	04/24/2001	---	---	---	---	---	---	---	21.33	6.85	14.48	---	---
S-1	07/02/2001	---	---	---	---	---	---	---	21.33	7.65	13.68	---	---
S-1	11/02/2001	---	---	---	---	---	---	---	21.33	7.84	13.49	---	---
S-1	01/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	21.33	6.16	15.17	---	---
S-1	04/01/2002	---	---	---	---	---	---	---	21.33	6.57	14.76	---	---
S-1	07/11/2002	---	---	---	---	---	---	---	21.33	7.52	13.81	---	---
S-1	10/28/2002	---	---	---	---	---	---	---	21.33	7.99	13.34	---	---
S-1	01/23/2003	<50	<0.50	<0.50	<0.50	<0.50	---	5.6	21.33	6.46	14.87	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-1	04/30/2003	---	---	---	---	---	---	---	21.33	6.18	15.15	---	---
S-1	07/01/2003	---	---	---	---	---	---	---	21.33	7.38	13.95	---	---
S-1	10/08/2003	---	---	---	---	---	---	---	21.33	7.87	13.46	---	---
S-1	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.33	6.90	14.43	---	---
S-1	07/13/2004	---	---	---	---	---	---	---	21.33	7.83	13.50	---	---
S-1	01/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.33	5.68	15.65	---	---
S-1	07/19/2005	---	---	---	---	---	---	---	21.33	6.35	14.98	---	---
S-1	01/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	21.33	6.05	15.28	---	---
S-1	07/25/2006	---	---	---	---	---	---	---	21.33	7.12	14.21	---	---
S-1	01/04/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.33	6.75	14.58	---	---
S-1	07/24/2007	---	---	---	---	---	---	---	21.33	7.73	13.60	---	---
S-1	01/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	21.33	6.10	15.23	---	---
S-1	08/04/2008	---	---	---	---	---	---	---	21.33	7.76	13.57	---	---
S-1	01/08/2009	<50	0.57	<1.0	<1.0	<1.0	---	---	21.33	7.28	14.05	---	---
S-1	07/21/2009	---	---	---	---	---	---	---	21.33	7.89	13.44	---	---
S-1	01/12/2010 j	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.33	6.98	14.35	---	---
S-1	07/22/2010	---	---	---	---	---	---	---	21.33	7.47	13.86	---	---
S-1	02/01/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.33	6.68	14.65	---	---
S-1	08/25/2011	---	---	---	---	---	---	---	21.33	6.94	14.39	---	---
S-3	09/06/1988	96000	3400	9500	2700	17000	---	---	21.14	---	---	---	---
S-3	11/16/1988	70000	4600	8400	2500	13000	---	---	21.14	7.76	13.38	---	---
S-3	02/27/1989	32000	2400	3100	1500	6400	---	---	21.14	---	---	---	---
S-3	05/04/1989	47000	4400	300	2400	15000	---	---	21.14	---	---	---	---
S-3	08/10/1989	110000	5700	5700	3200	19000	---	---	21.14	7.92	13.22	---	---
S-3	10/10/1989	52000	4600	3300	2600	15000	---	---	21.14	8.00	13.14	---	---
S-3	01/25/1990	420000	5200	4100	6700	34000	---	---	21.14	7.54	13.60	---	---
S-3	04/18/1990	58000	3800	1400	2400	12000	---	---	21.14	7.74	13.40	---	---
S-3	07/23/1990	49000	3400	1800	2300	12000	---	---	21.14	7.55	13.59	---	---
S-3	10/18/1990	44000	3500	650	2400	11000	---	---	21.14	8.47	12.67	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-3	01/28/1991	64000	40900	570	1940	8090	---	---	21.14	8.38	12.76	---	---
S-3	04/25/1991	120000	3900	3600	2400	8900	---	---	21.14	6.91	14.23	---	---
S-3	07/09/1991	50000	3600	2300	1800	10000	---	---	21.14	8.07	13.07	---	---
S-3	10/08/1991	130000	3600	1000	2800	8400	---	---	21.14	8.61	12.53	---	---
S-3	02/05/1992	150000	2500	670	2700	10000	---	---	21.14	7.80	13.34	---	---
S-3	04/28/1992	120000	2200	1200	2000	5800	---	---	21.14	7.27	13.87	---	---
S-3	07/27/1992	190000	1400	<1250	<1250	3400	---	---	21.14	8.10	13.04	---	---
S-3	10/26/1992	950000	2000	8400	16000	36000	---	---	21.14	8.62	12.52	---	---
S-3	01/14/1993	41000	2700	2500	1800	6900	---	---	21.14	5.16	15.98	---	---
S-3	04/16/1993	40000	930	2800	1900	14000	---	---	21.14	7.18	13.96	---	---
S-3	07/23/1993	87000	1600	<5	1300	4000	---	---	21.14	7.34	13.80	---	---
S-3	10/27/1993	36000	2200	<500	1500	3200	---	---	21.14	8.03	13.11	---	---
S-3	01/27/1994	190000	3200	3100	4100	15000	---	---	21.14	6.79	14.35	---	---
S-3	05/05/1994	36000	1100	490	1600	4700	---	---	20.48	6.75	13.73	---	---
S-3	07/26/1994	18000	1039	170.5	845.4	967.5	---	---	20.48	7.30	13.18	---	---
S-3	10/28/1994	25869	467.9	294	546.2	343.3	---	---	20.48	8.36	12.12	---	---
S-3	01/02/1995	23000	850	260	900	2100	---	---	20.48	6.36	14.12	---	---
S-3	04/14/1995	33000	720	670	1600	6600	---	---	20.48	5.87	14.61	---	---
S-3	07/28/1995	12000	540	<10	580	780	---	---	20.48	6.33	14.15	---	---
S-3	10/17/1995	Well inaccessible		---	---	---	---	---	20.48	6.48	14.00	---	---
S-3	01/11/1996	16000	520	290	740	2600	<200	---	20.48	5.80	14.68	---	---
S-3	04/02/1996	---	---	---	---	---	---	---	20.48	5.00	15.48	---	---
S-3	07/09/1996	---	---	---	---	---	---	---	20.48	5.93	14.55	---	---
S-3	10/10/1996	---	---	---	---	---	---	---	20.48	6.73	13.75	---	---
S-3	01/09/1997	30000	420	330	1500	6300	<500	---	20.48	4.72	15.76	---	---
S-3	04/08/1997	---	---	---	---	---	---	---	20.48	6.63	13.85	---	---
S-3	07/21/1997	---	---	---	---	---	---	---	20.48	6.18	14.30	---	---
S-3	10/08/1997	---	---	---	---	---	---	---	20.48	6.83	13.65	---	---
S-3	01/15/1998	21000	300	51	770	2800	<100	---	20.48	4.30	16.18	---	---
S-3 (D)	01/15/1998	14000	330	63	920	3400	<250	---	20.48	---	---	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-3	04/14/1998	---	---	---	---	---	---	---	20.48	4.37	16.11	---	---
S-3	07/14/1998	---	---	---	---	---	---	---	20.48	5.47	15.01	---	---
S-3	10/20/1998	Well inaccessible		---	---	---	---	---	20.48	---	---	---	---
S-3	01/22/1999	40000	313	194	2200	8800	<40.0	---	20.48	5.71	14.77	---	---
S-3	04/08/1999	---	---	---	---	---	---	---	20.48	4.95	15.53	---	---
S-3	07/23/1999	---	---	---	---	---	---	---	20.48	6.78	13.70	---	---
S-3	10/26/1999	---	---	---	---	---	---	---	20.48	7.25	13.23	---	---
S-3	01/03/2000	39700	150	61.8	1690	7720	445	---	20.48	7.46	13.02	---	---
S-3	04/14/2000	---	---	---	---	---	---	---	20.48	5.64	14.84	---	---
S-3	07/12/2000	Well inaccessible		---	---	---	---	---	20.48	---	---	---	---
S-3	11/01/2000	---	---	---	---	---	---	---	20.48	6.72	13.76	---	---
S-3	01/03/2001	25000	89.0	<50.0	1270	5180	<250	---	20.48	7.14	13.34	---	---
S-3	04/24/2001	Well inaccessible		---	---	---	---	---	20.48	---	---	---	---
S-3	07/02/2001	---	---	---	---	---	---	---	20.48	7.28	13.20	---	3.2
S-3	11/02/2001	---	---	---	---	---	---	---	20.48	7.64	12.84	---	3.5
S-3	01/16/2002	Well inaccessible		---	---	---	---	---	20.48	---	---	---	---
S-3	04/01/2002	---	---	---	---	---	---	---	20.48	5.99	14.49	---	3.8
S-3	07/11/2002	---	---	---	---	---	---	---	20.48	7.21	13.27	---	0.7
S-3	10/28/2002	---	---	---	---	---	---	---	20.85	7.90	12.95	---	---
S-3	01/23/2003	28000	60	13	970	3700	---	<50	20.85	6.00	14.85	---	0.3
S-3	04/30/2003	---	---	---	---	---	---	---	20.85	5.34	15.51	---	1.0
S-3	07/01/2003	---	---	---	---	---	---	---	20.85	7.28	13.57	---	1.0
S-3	10/08/2003	---	---	---	---	---	---	---	20.85	7.63	13.22	---	26.9
S-3	01/22/2004	3200	5.7	<2.5	16	320	---	---	20.85	6.53	14.32	---	0.5
S-3	07/13/2004	Well inaccessible		---	---	---	---	---	20.85	---	---	---	---
S-3	07/21/2004	3100	4.1	<2.5	10	130	---	---	20.85	7.64	13.21	---	2.2
S-3	01/20/2005	93	<0.50	<0.50	1.3	1.8	---	---	20.85	5.78	15.07	---	0.8
S-3	07/19/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.85	6.35	14.50	---	---
S-3	01/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	20.85	5.55	15.30	---	---
S-3	07/25/2006	100	<1.00	<1.00	<1.00	<3.00	---	---	20.85	7.09	13.76	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-3	01/04/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.85	6.53	14.32	---	---
S-3	07/24/2007	590 g,h	0.99	<1.0	0.25 i	0.99 i	---	---	20.85	7.44	13.41	---	---
S-3	01/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	20.85	5.41	15.44	---	---
S-3	08/04/2008	76	<0.50	<1.0	<1.0	<1.0	---	---	20.85	6.62	14.23	---	---
S-3	01/08/2009	260	<0.50	<1.0	<1.0	<1.0	---	---	20.85	6.87	13.98	---	---
S-3	07/21/2009	90	<0.50	<1.0	<1.0	<1.0	---	---	20.85	7.64	13.21	---	---
S-3	07/21/2009 j	150	<0.50	<1.0	<1.0	<1.0	---	---	20.85	7.64	13.21	---	---
S-3	01/12/2010 j	130	0.83	<1.0	<1.0	<1.0	---	---	20.85	6.63	14.22	---	---
S-3	07/22/2010	81	<0.50	<1.0	<1.0	<1.0	---	---	20.85	7.29	13.56	---	---
S-3	02/01/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.85	6.26	14.59	---	---
S-3	08/25/2011	---	---	---	---	---	---	---	20.85	6.78	14.07	---	---
S-3	08/26/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.85	---	---	---	---
S-5	01/08/1987	7800	380	510	---	1000	---	---	21.41	---	---	---	---
S-5	09/06/1988	7000	2600	60	400	700	---	---	21.41	---	---	---	---
S-5	11/16/1988	3000	660	60	120	220	---	---	21.41	---	---	---	---
S-5	02/27/1989	5700	2000	220	260	320	---	---	21.41	---	---	---	---
S-5	05/04/1989	9000	3000	600	630	1700	---	---	21.41	---	---	---	---
S-5	08/10/1989	5100	1100	<50	270	400	---	---	21.41	8.28	13.13	---	---
S-5	10/10/1989	15000	3300	160	830	2200	---	---	21.41	8.32	13.09	---	---
S-5	01/25/1990	12000	2400	360	570	1400	---	---	21.41	8.20	13.21	---	---
S-5	04/18/1990	5200	1100	40	300	460	---	---	21.41	8.32	13.09	---	---
S-5	07/23/1990	5500	1300	140	320	730	---	---	21.41	8.03	13.38	---	---
S-5	10/18/1990	12000	3200	40	720	900	---	---	21.41	9.03	12.38	---	---
S-5	01/28/1991	2550	410	15	110	60	---	---	21.41	8.80	12.61	---	---
S-5	04/25/1991	67000	5100	3100	2800	11000	---	---	21.41	7.40	14.01	---	---
S-5	07/09/1991	4900	480	36	360	1000	---	---	21.41	8.52	12.89	---	---
S-5	10/08/1991	6600	370	7.0	190	380	---	---	21.41	9.00	12.41	---	---
S-5	02/05/1992	44000	4800	850	2700	8400	---	---	21.41	8.11	13.30	---	---
S-5	04/28/1992	33000	1400	320	1600	5200	---	---	21.41	7.70	13.71	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-5	07/27/1992	20000	2400	<25	1800	2300	---	---	21.41	8.52	12.89	---	---
S-5	10/26/1992	21000	1600	140	1500	2800	---	---	21.41	9.02	12.39	---	---
S-5	01/14/1993	54000	1900	1000	2700	16000	---	---	21.41	5.22	16.19	---	---
S-5	04/16/1993	42000	2000	1300	4300	18000	---	---	21.41	7.04	14.37	---	---
S-5	07/23/1993	46000	2500	2200	3400	11000	---	---	21.41	7.75	13.66	---	---
S-5	10/27/1993	6500	990	31	1100	1000	---	---	21.41	8.49	12.92	---	---
S-5	01/27/1994	34000	1800	580	2900	9700	---	---	21.41	7.04	14.37	---	---
S-5	05/05/1994	24000	670	70	1400	2700	---	---	21.03	7.20	13.83	---	---
S-5	07/27/1994	4700	193.6	33.1	332.3	281.2	---	---	21.03	7.72	13.31	---	---
S-5	10/28/1994	3200	167.3	18	238.7	104.5	---	---	21.03	7.82	13.21	---	---
S-5	01/02/1995	18000	1300	220	3400	10000	---	---	21.03	6.65	14.38	---	---
S-5	04/14/1995	---	---	---	---	---	---	---	21.03	5.99	15.04	---	---
S-5	07/28/1995	25000	440	74	1700	4500	---	---	21.03	6.77	14.26	---	---
S-5 (D)	07/28/1995	25000	450	<50	1700	4600	---	---	21.03	---	---	---	---
S-5	10/17/1995	18000	360	24	1300	2200	---	---	21.03	7.00	14.03	---	---
S-5	01/11/1996	41000	420	180	1600	9500	<200	---	21.03	6.22	14.81	---	---
S-5	04/02/1996	---	---	---	---	---	---	---	21.03	5.44	15.59	---	---
S-5	07/09/1996	---	---	---	---	---	---	---	21.03	6.41	14.62	---	---
S-5	10/10/1996	---	---	---	---	---	---	---	21.03	7.19	13.84	---	---
S-5	01/09/1997	38000	130	43	160	6200	<125	---	21.03	5.03	16.00	---	---
S-5 (D)	01/09/1997	36000	130	<50	160	5600	<250	---	21.03	---	---	---	---
S-5	04/08/1997	---	---	---	---	---	---	---	21.03	7.20	13.83	---	---
S-5	07/21/1997	---	---	---	---	---	---	---	21.03	6.82	14.21	---	---
S-5	10/08/1997	---	---	---	---	---	---	---	21.03	7.31	13.72	---	---
S-5	01/15/1998	49000	62	<50	93	4100	<250	---	21.03	4.58	16.45	---	---
S-5	04/14/1998	---	---	---	---	---	---	---	21.03	4.94	16.09	---	---
S-5	07/14/1998	---	---	---	---	---	---	---	21.27	5.36	15.91	---	---
S-5	10/20/1998	---	---	---	---	---	---	---	21.27	7.53	13.74	---	---
S-5	01/22/1999	2550	9.09	<0.500	1.93	112	4.40	---	21.27	6.35	14.92	---	---
S-5	04/08/1999	---	---	---	---	---	---	---	21.27	5.37	15.90	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-5	07/23/1999	---	---	---	---	---	---	---	21.27	6.43	14.84	---	---
S-5	10/26/1999	---	---	---	---	---	---	---	21.27	7.51	13.76	---	---
S-5	01/03/2000	3310	39.0	<10.0	293	21.7	<50.0	---	21.27	7.78	13.49	---	---
S-5	04/14/2000	---	---	---	---	---	---	---	21.27	6.15	15.12	---	---
S-5	07/12/2000	---	---	---	---	---	---	---	21.27	7.05	14.22	---	---
S-5	11/01/2000	---	---	---	---	---	---	---	21.27	6.00	15.27	---	---
S-5	01/03/2001	516	3.65	0.968	18.0	4.02	18.4	---	21.27	7.48	13.79	---	---
S-5	04/24/2001	---	---	---	---	---	---	---	21.27	6.58	14.69	---	---
S-5	07/02/2001	---	---	---	---	---	---	---	21.27	7.60	13.67	---	---
S-5	11/02/2001	---	---	---	---	---	---	---	21.27	7.94	13.33	---	---
S-5	01/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	21.27	5.88	15.39	---	---
S-5	04/01/2002	---	---	---	---	---	---	---	21.27	6.27	15.00	---	---
S-5	07/11/2002	---	---	---	---	---	---	---	21.27	7.53	13.74	---	---
S-5	10/28/2002	---	---	---	---	---	---	---	21.27	8.11	13.16	---	---
S-5	01/23/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	21.27	6.22	15.05	---	---
S-5	04/30/2003	---	---	---	---	---	---	---	21.27	5.48	15.79	---	---
S-5	07/01/2003	---	---	---	---	---	---	---	21.27	7.32	13.95	---	---
S-5	10/08/2003	---	---	---	---	---	---	---	21.27	7.91	13.36	---	---
S-5	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.27	6.68	14.59	---	---
S-5	07/13/2004	---	---	---	---	---	---	---	21.27	8.17	13.10	---	---
S-5	01/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.27	5.30	15.97	---	---
S-5	07/19/2005	---	---	---	---	---	---	---	21.27	6.35	14.92	---	---
S-5	01/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	21.27	5.83	15.44	---	---
S-5	07/25/2006	---	---	---	---	---	---	---	21.27	7.35	13.92	---	---
S-5	01/04/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.27	6.82	14.45	---	---
S-5	07/24/2007	---	---	---	---	---	---	---	21.27	7.70	13.57	---	---
S-5	01/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	21.27	5.83	15.44	---	---
S-5	08/04/2008	---	---	---	---	---	---	---	21.27	8.04	13.23	---	---
S-5	01/08/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.27	7.21	14.06	---	---
S-5	07/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.27	8.03	13.24	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-5	07/21/2009 j	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.27	8.03	13.24	---	---
S-5	01/12/2010 j	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.27	7.13	14.14	---	---
S-5	07/22/2010	---	---	---	---	---	---	---	21.27	7.50	13.77	---	---
S-5	02/01/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.27	6.55	14.72	---	---
S-5	08/25/2011	---	---	---	---	---	---	---	21.27	6.94	14.33	---	---
S-6	11/16/1988	50	0.7	<1	<1	<3	---	---	22.02	8.58	13.44	---	---
S-6	02/27/1989	<50	<0.5	<1	<1	<3	---	---	22.02	---	---	---	---
S-6	05/04/1989	<50	<0.5	<1	<1	<3	---	---	22.02	---	---	---	---
S-6	08/10/1989	<50	<0.5	<1	<1	<3	---	---	22.02	8.54	13.48	---	---
S-6	10/10/1989	<50	<0.5	<1	<1	<3	---	---	22.02	8.58	13.44	---	---
S-6	01/25/1990	<50	<0.5	<0.5	<0.5	<1	---	---	22.02	8.31	13.71	---	---
S-6	04/18/1990	<50	<0.5	0.6	<0.5	1.0	---	---	22.02	8.43	13.59	---	---
S-6	07/23/1990	<50	<0.5	0.9	<0.5	1.8	---	---	22.02	8.24	13.78	---	---
S-6	10/18/1990	<50	<0.5	0.7	<0.5	0.8	---	---	22.02	9.20	12.82	---	---
S-6	01/28/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.02	9.10	12.92	---	---
S-6	04/25/1991	<50	<0.5	<0.5	<0.5	0.7	---	---	22.02	7.74	14.28	---	---
S-6	07/09/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.02	8.81	13.21	---	---
S-6	10/08/1991	<50	0.7	<0.5	<0.5	<0.5	---	---	22.02	9.26	12.76	---	---
S-6	02/02/1992	---	---	---	---	---	---	---	22.02	8.47	13.55	---	---
S-6	04/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.02	7.91	14.11	---	---
S-6	07/27/1992	---	---	---	---	---	---	---	22.02	8.83	13.19	---	---
S-6	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.02	9.29	12.73	---	---
S-6	01/13/1994	---	---	---	---	---	---	---	22.02	9.43	12.59	---	---
S-6	04/16/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.02	7.12	14.90	---	---
S-6	07/23/1993	---	---	---	---	---	---	---	22.02	8.14	13.88	---	---
S-6	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.02	8.75	13.27	---	---
S-6	01/27/1994	---	---	---	---	---	---	---	22.02	7.87	14.15	---	---
S-6	05/05/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.40	7.71	13.69	---	---
S-6	07/26/1994	---	---	---	---	---	---	---	21.40	8.10	13.30	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-6	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	21.40	8.04	13.36	---	---
S-6	01/02/1995	---	---	---	---	---	---	---	21.40	7.07	14.33	---	---
S-6	04/14/1995	<50	<0.5	1.3	<0.5	<0.5	---	---	21.40	6.29	15.11	---	---
S-6	07/28/1995	---	---	---	---	---	---	---	21.40	6.91	14.49	---	---
S-6	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.40	7.20	14.20	---	---
S-6	01/11/1996	---	---	---	---	---	---	---	21.40	6.60	14.80	---	---
S-6	01/22/2004	Unable to locate		---	---	---	---	---	21.40	---	---	---	---
S-7	11/16/1988	100	5.1	15	2.0	13	---	---	21.47	8.24	13.23	---	---
S-7	02/27/1989	50	0.5	3.0	1.0	11	---	---	21.47	---	---	---	---
S-7	05/04/1989	<50	<0.5	<1	<1	<3	---	---	21.47	---	---	---	---
S-7	08/10/1989	<50	<0.5	<1	<1	<3	---	---	21.47	8.18	13.29	---	---
S-7	10/10/1989	<50	<0.5	<1	<1	<3	---	---	21.47	8.35	13.12	---	---
S-7	01/25/1990	<50	<0.5	<0.5	<0.5	<1	---	---	21.47	7.95	13.52	---	---
S-7	04/18/1990	<50	<0.5	<0.5	<0.5	<1	---	---	21.47	8.06	13.41	---	---
S-7	07/23/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	7.89	13.58	---	---
S-7	10/18/1990	<50	<0.5	0.5	0.5	4.1	---	---	21.47	8.83	12.64	---	---
S-7	01/28/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	8.77	12.70	---	---
S-7	04/25/1991	60	<0.5	<0.5	<0.5	<0.5	---	---	21.47	7.25	14.22	---	---
S-7	07/09/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	8.41	13.06	---	---
S-7	10/08/1991	---	---	---	---	---	---	---	21.47	8.95	12.52	---	---
S-7	02/05/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	8.04	13.43	---	---
S-7	10/08/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	8.95	12.52	---	---
S-7	04/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	7.45	14.02	---	---
S-7	07/27/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	8.48	12.99	---	---
S-7	10/26/1992	570	<0.5	<0.5	<0.5	<0.5	---	---	21.47	9.95	11.52	---	---
S-7	01/14/1993	56	<0.5	<0.5	<0.5	<0.5	---	---	21.47	5.84	15.63	---	---
S-7	04/16/1993	110	28	<0.5	<0.5	1.8	---	---	21.47	6.38	15.09	---	---
S-7	07/23/1993	80	0.48	<0.5	<0.5	0.8	---	---	21.47	7.72	13.75	---	---
S-7	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	7.79	13.68	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-7	01/27/1994	70a	<0.5	<0.5	<0.5	<0.5	---	---	21.47	7.85	13.62	---	---
S-7	05/05/1994	92	2.1	<0.5	<0.5	<0.5	---	---	20.85	9.45	11.40	---	---
S-7	07/26/1994	88	<0.3	<0.3	<0.3	<0.6	---	---	20.85	7.64	13.21	---	---
S-7	10/28/1994	60	<0.3	0.5	<0.3	<0.6	---	---	20.85	7.68	13.17	---	---
S-7	01/02/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.85	6.95	13.90	---	---
S-7	04/14/1995	---	---	---	---	---	---	---	20.85	5.82	15.03	---	---
S-7	07/28/1995	170	1.7	<0.5	<0.5	2.2	---	---	20.85	6.32	14.53	---	---
S-7	10/17/1995	100	<0.5	0.6	<0.5	<0.5	---	---	20.85	7.07	13.78	---	---
S-7	01/11/1996	80	0.6	<0.5	<0.5	<0.5	54	---	20.85	6.10	14.75	---	---
S-7	04/02/1996	---	---	---	---	---	---	---	20.85	6.14	14.71	---	---
S-7	07/09/1996	---	---	---	---	---	---	---	20.85	6.40	14.45	---	---
S-7	10/10/1996	---	---	---	---	---	---	---	20.85	6.70	14.15	---	---
S-7	01/09/1997	130	1.4	<0.50	<0.50	0.56	70	---	20.85	5.25	15.60	---	---
S-7	04/08/1997	---	---	---	---	---	---	---	20.85	7.15	13.70	---	---
S-7	07/21/1997	---	---	---	---	---	---	---	20.85	6.67	14.18	---	---
S-7	10/08/1997	---	---	---	---	---	---	---	20.85	7.26	13.59	---	---
S-7	01/15/1998	<50	<0.50	<0.50	<0.50	<0.50	39	---	20.85	5.51	15.34	---	---
S-7	04/14/1998	---	---	---	---	---	---	---	20.85	5.45	15.40	---	---
S-7	07/14/1998	---	---	---	---	---	---	---	21.03	6.48	14.55	---	---
S-7	10/20/1998	---	---	---	---	---	---	---	21.03	7.37	13.66	---	---
S-7	01/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	97.8	---	21.03	6.21	14.82	---	---
S-7	04/08/1999	---	---	---	---	---	---	---	21.03	5.30	15.73	---	---
S-7	07/23/1999	---	---	---	---	---	---	---	21.03	7.12	13.91	---	---
S-7	10/26/1999	---	---	---	---	---	---	---	21.03	7.54	13.49	---	---
S-7	01/03/2000	615	8.73	2.90	4.00	7.17	17.0	---	21.03	7.73	13.30	---	---
S-7	04/14/2000	---	---	---	---	---	---	---	21.03	6.27	14.76	---	---
S-7	07/12/2000	---	---	---	---	---	---	---	21.03	6.97	14.06	---	---
S-7	11/01/2000	---	---	---	---	---	---	---	21.03	6.43	14.60	---	---
S-7	01/03/2001	460	6.68	<0.500	0.712	0.596	10.2	---	21.03	7.27	13.76	---	---
S-7	04/24/2001	---	---	---	---	---	---	---	21.03	6.75	14.28	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-7	07/02/2001	---	---	---	---	---	---	---	21.03	7.55	13.48	---	---
S-7	11/02/2001	---	---	---	---	---	---	---	21.03	7.80	13.23	---	---
S-7	01/16/2002	360	<0.50	<0.50	<0.50	<0.50	---	<5.0	21.03	6.11	14.92	---	---
S-7	04/01/2002	---	---	---	---	---	---	---	21.03	6.54	14.49	---	---
S-7	07/11/2002	---	---	---	---	---	---	---	21.03	7.37	13.66	---	---
S-7	10/28/2002	---	---	---	---	---	---	---	21.01	7.97	13.04	---	---
S-7	01/23/2003	160	<0.50	<0.50	<0.50	<0.50	---	<5.0	21.01	6.45	14.56	---	---
S-7	04/30/2003	---	---	---	---	---	---	---	21.01	6.14	14.87	---	---
S-7	07/01/2003	---	---	---	---	---	---	---	21.01	7.28	13.73	---	---
S-7	10/08/2003	---	---	---	---	---	---	---	21.01	7.78	13.23	---	---
S-7	01/22/2004	140	<0.50	<0.50	0.51	<1.0	---	---	21.01	6.93	14.08	---	---
S-7	07/13/2004	150	<0.50	<0.50	<0.50	<1.0	---	17	21.01	7.88	13.13	---	---
S-7	01/20/2005	200 a	<0.50	<0.50	<0.50	<1.0	---	---	21.01	5.68	15.33	---	---
S-7	07/19/2005	140 a	<0.50	<0.50	<0.50	<1.0	---	---	21.01	6.18	14.83	---	---
S-7	01/27/2006	69.8	<0.500	<0.500	<0.500	<0.500	---	---	21.01	6.11	14.90	---	---
S-7	07/25/2006	78.6	<1.00	<1.00	<1.00	<3.00	---	---	21.01	7.01	14.00	---	---
S-7	01/04/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.01	6.70	14.31	---	---
S-7	07/24/2007	63 g,h	<0.50	<1.0	<1.0	<1.0	---	---	21.01	7.54	13.47	---	---
S-7	01/15/2008	160 g,h	<0.50	<1.0	<1.0	<1.0	---	---	21.01	6.08	14.93	---	---
S-7	08/04/2008	72	<0.50	<1.0	<1.0	<1.0	---	---	21.01	7.78	13.23	---	---
S-7	01/08/2009	210	<0.50	<1.0	<1.0	<1.0	---	---	21.01	7.12	13.89	---	---
S-7	07/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.01	7.78	13.23	---	---
S-7	01/12/2010 j	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.01	6.83	14.18	---	---
S-7	07/22/2010	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.01	7.20	13.81	---	---
S-7	02/01/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.01	6.61	14.40	---	---
S-7	08/25/2011	---	---	---	---	---	---	---	21.01	7.03	13.98	---	---
S-7	08/26/2011	55	<0.50	<0.50	<0.50	<1.0	---	---	21.01	---	---	---	---
S-8	11/16/1988	210	5.0	<1	1.0	5.0	---	---	20.72	7.76	12.96	---	---
S-8	02/27/1989	<50	2.4	<1	<1	<3	---	---	20.72	---	---	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-8	05/04/1989	<50	7.5	<1	2.0	<3	---	---	20.72	---	---	---	---
S-8	08/10/1989	<50	0.6	<1	<1	<3	---	---	20.72	7.79	12.93	---	---
S-8	10/10/1989	<50	<0.5	<1	<1	<3	---	---	20.72	7.84	12.88	---	---
S-8	01/25/1990	<50	<0.5	<0.5	<0.5	<1	---	---	20.72	7.47	13.25	---	---
S-8	04/18/1990	<50	<0.5	<0.5	<0.5	<1	---	---	20.72	7.59	13.13	---	---
S-8	07/23/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.72	7.49	13.23	---	---
S-8	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.72	8.44	12.28	---	---
S-8	01/28/1991	<50	55	0.5	<0.5	1.4	---	---	20.72	8.28	12.44	---	---
S-8	04/25/1991	130a	19	<0.5	1.3	1.1	---	---	20.72	6.72	14.00	---	---
S-8	07/09/1991	200	33	<0.5	1.8	2.8	---	---	20.72	7.98	12.74	---	---
S-8	10/08/1991	580	95	2.2	4.9	6.5	---	---	20.72	8.55	12.17	---	---
S-8	02/05/1992	90a	18	<0.5	6.2	1.8	---	---	20.72	7.50	13.22	---	---
S-8	04/28/1992	<50	5.9	<0.5	2.5	<0.5	---	---	20.72	7.14	13.58	---	---
S-8	07/27/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.72	8.06	12.66	---	---
S-8	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.72	8.58	12.14	---	---
S-8	01/14/1993	270	74	0.9	25	5.5	---	---	20.72	5.32	15.40	---	---
S-8	04/16/1993	1100	420	<0.5	200	20	---	---	20.72	5.76	14.96	---	---
S-8	07/23/1993	160	23	<0.5	1.2	1.5	---	---	20.72	7.29	13.43	---	---
S-8	10/27/1993	420	650	0.7	11	1.7	---	---	20.72	7.93	12.79	---	---
S-8	01/27/1994	290	65	<1	6.9	2.4	---	---	20.72	6.31	14.41	---	---
S-8	05/05/1994	120	13	<0.5	<0.5	<0.5	---	---	20.32	6.84	13.48	---	---
S-8	07/26/1994	115	12.2	1.3	<0.3	2.7	---	---	20.32	7.42	12.90	---	---
S-8	10/28/1994	733	75.9	3.2	4.9	4.2	---	---	20.32	7.56	12.76	---	---
S-8	01/02/1995	290	54	<0.5	10	<0.5	---	---	20.32	6.19	14.13	---	---
S-8	04/14/1995	230	68	<0.5	10	2.4	---	---	20.32	5.54	14.78	---	---
S-8	07/28/1995	290	44	<0.5	8.0	<0.5	---	---	20.32	6.28	14.04	---	---
S-8	10/17/1995	190	24	<0.5	1.0	0.9	---	---	20.32	6.64	13.68	---	---
S-8	01/11/1996	400	85	1.1	13	3.4	2.3	---	20.32	5.96	14.36	---	---
S-8	04/02/1996	300	110	0.7	4.9	0.9	<2	---	20.32	5.21	15.11	---	---
S-8	07/09/1996	<50	5.4	<0.50	0.63	<0.50	<2.5	---	20.32	6.05	14.27	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-8	10/10/1996	150	0.53	0.66	2.3	1.0	8.9	---	20.32	6.83	13.49	---	---
S-8	01/09/1997	240	27	<0.50	2.4	<0.50	5.8	---	20.32	4.51	15.81	---	---
S-8	04/08/1997	220	27	0.62	1.9	0.71	5.7	---	20.32	6.50	13.82	---	---
S-8	07/21/1997	1200	140	2.8	21	5.0	27	---	20.32	6.36	13.96	---	---
S-8 (D)	07/21/1997	1200	120	<2.0	19	3.9	25	---	20.32	---	---	---	---
S-8	10/08/1997	690	92	1.4	25	2.0	<2.5	---	20.32	6.83	13.49	---	---
S-8 (D)	10/08/1997	700	95	1.3	26	1.9	<2.5	---	20.32	---	---	---	---
S-8	01/15/1998	460	110	1.0	3.4	1.7	<5.0	---	20.32	4.30	16.02	---	---
S-8	04/14/1998	780	190	2.9	15	3.4	<2.5	---	20.32	4.68	15.64	---	---
S-8	07/14/1998	1600	240	<5.0	36	<5.0	<25	---	20.36	6.36	14.00	---	---
S-8	10/20/1998	700	55	<5.0	<5.0	<5.0	49	---	20.36	6.91	13.45	---	---
S-8	01/22/1999	<50.0	5.83	<0.500	0.919	<0.500	<2.00	---	20.36	5.97	14.39	---	---
S-8	04/08/1999	684	10.6	1.3	9.75	1.0	10.5	---	20.36	5.01	15.35	---	---
S-8	07/23/1999	1540	86.5	5.20	5.30	6.35	<25.0	---	20.36	6.61	13.75	---	---
S-8	10/26/1999	1680	116	<2.50	22.4	5.58	<12.5	---	20.36	6.95	13.41	---	---
S-8	01/03/2000	Well inaccessible	---	---	---	---	---	---	20.36	---	---	---	---
S-8	04/14/2000	Well inaccessible	---	---	---	---	---	---	20.36	---	---	---	---
S-8	07/12/2000	Well inaccessible	---	---	---	---	---	---	20.36	---	---	---	---
S-8	11/01/2000	2300	118	12.4	51.7	<2.50	<12.5	---	20.36	5.68	14.68	---	---
S-8	01/03/2001	263	4.34	0.620	<0.500	0.643	5.40	---	20.36	6.95	13.41	---	---
S-8	04/24/2001	680	12	<0.50	0.86	<0.50	---	<0.50	20.36	6.25	14.11	---	---
S-8	07/02/2001	330	2.5	<0.50	0.86	<0.50	---	<5.0	20.36	7.00	13.36	---	---
S-8	11/02/2001	1300	71	0.84	14	1.7	---	<5.0	20.36	7.44	12.92	---	---
S-8	01/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.36	5.67	14.69	---	---
S-8	04/01/2002	330	2.2	<0.50	<0.50	<0.50	---	<5.0	20.36	5.99	14.37	---	---
S-8	07/11/2002	1400	55	0.83	5.3	0.71	---	<5.0	20.36	6.94	13.42	---	---
S-8	10/28/2002	660	6.2	0.63	0.76	<0.50	---	<0.50	20.36	7.50	12.86	---	1.1
S-8	01/23/2003	1600	30	0.56	6.7	<0.50	---	<5.0	20.36	5.99	14.37	---	---
S-8	04/30/2003	890	13	<0.50	0.59	<1.0	---	<5.0	20.36	5.30	15.06	---	---
S-8	07/01/2003	1800	68	1.3	2.6	1.2	---	<0.50	20.36	6.87	13.49	---	1.0

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-8	10/08/2003	220	1.3	<0.50	<0.50	<1.0	---	<0.50	20.36	7.27	13.09	---	---
S-8	01/22/2004	1000	6.7	<0.50	0.61	<1.0	---	---	20.36	6.50	13.86	---	---
S-8	07/13/2004	2000	100	1.7	5.7	<2.0	---	<1.0	20.36	7.41	12.95	---	---
S-8	01/20/2005	380	4.3	<0.50	<0.50	<1.0	---	---	20.36	5.02	15.34	---	---
S-8	07/19/2005	120	1.2	<0.50	<0.50	<1.0	---	---	20.36	5.82	14.54	---	---
S-8	01/27/2006	494	2.42	<0.500	<0.500	<0.500	---	---	20.36	5.51	14.85	---	---
S-8	07/25/2006	382	2.05	<1.00	<1.00	<3.00	---	---	20.36	6.66	13.70	---	---
S-8	01/04/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.36	6.13	14.23	---	---
S-8	07/24/2007	210 g,h	1.2	<1.0	<1.0	<1.0	---	---	20.36	6.92	13.44	---	---
S-8	01/15/2008	560 g,h	5.3	<1.0	0.31 i	<1.0	---	---	20.36	5.32	15.04	---	---
S-8	08/04/2008	200	<0.50	<1.0	<1.0	<1.0	---	---	20.36	6.98	13.38	---	---
S-8	01/08/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.36	6.62	13.74	---	---
S-8	07/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.36	7.10	13.26	---	---
S-8	01/12/2010 j	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.36	6.34	14.02	---	---
S-8	07/22/2010	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.36	6.78	13.58	---	---
S-8	02/01/2011	77	<0.50	<0.50	<0.50	<1.0	---	---	20.36	6.12	14.24	---	---
S-8	08/25/2011	---	---	---	---	---	---	---	20.36	6.46	13.90	---	---
S-8	08/26/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.36	---	---	---	---
S-9	11/16/1988	1400	69	3.0	52	180	---	---	20.96	7.78	13.18	---	---
S-9	02/27/1989	1600	240	4.0	130	180	---	---	20.96	---	---	---	---
S-9	05/04/1989	2600	470	10	240	480	---	---	20.96	---	---	---	---
S-9	08/10/1989	520	73	<10	40	<30	---	---	20.96	7.82	13.14	---	---
S-9	10/10/1989	380	82	<1	46	13	---	---	20.96	7.87	13.09	---	---
S-9	01/25/1990	750	140	1.2	69	75	---	---	20.96	7.41	13.55	---	---
S-9	04/18/1990	680	150	1.7	50	37	---	---	20.96	7.65	13.31	---	---
S-9	07/23/1990	490	94	1.2	32	24	---	---	20.96	7.58	13.38	---	---
S-9	10/18/1990	390	140	0.7	3.3	24	---	---	20.96	8.46	12.50	---	---
S-9	01/28/1991	1040	450	4.6	85	97	---	---	20.96	8.29	12.67	---	---
S-9	04/25/1991	5800	880	9.0	360	500	---	---	20.96	6.09	14.87	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-9	07/09/1991	1400	220	2.8	82	100	---	---	20.96	7.82	13.14	---	---
S-9	10/08/1991	890	960	<2.5	16	29	---	---	20.96	8.55	12.41	---	---
S-9	02/05/1992	950	240	<2.5	28	55	---	---	20.96	6.96	14.00	---	---
S-9	04/28/1992	1400a	290	3.0	100	81	---	---	20.96	6.76	14.20	---	---
S-9	07/27/1992	890	190	<2.5	66	68	---	---	20.96	8.10	12.86	---	---
S-9	10/26/1992	650	160	<2.5	63	89	---	---	20.96	8.53	12.43	---	---
S-9	01/13/1993	19000	2400	38	1700	2200	---	---	20.96	6.80	14.16	---	---
S-9	04/16/1993	10000	1500	<5	1100	990	---	---	20.96	6.28	14.68	---	---
S-9	07/23/1993	1100	400	<5	260	160	---	---	20.96	7.26	13.70	---	---
S-9	10/27/1993	2500	400	<5	190	110	---	---	20.96	8.00	12.96	---	---
S-9	01/27/1994	4800	990	16	630	490	---	---	20.96	5.96	15.00	---	---
S-9	05/05/1994	3700	480	<5	21	120	---	---	20.68	6.99	13.69	---	---
S-9	07/26/1994	1000	124.6	<0.3	35.8	28.6	---	---	20.68	7.56	13.12	---	---
S-9	10/28/1994	979	80.3	7.0	21.7	29.2	---	---	20.68	7.78	12.90	---	---
S-9	01/02/1995	3900	540	2.4	350	150	---	---	20.68	6.29	14.39	---	---
S-9	04/14/1995	5100	1000	<10	380	230	---	---	20.68	5.69	14.99	---	---
S-9	07/28/1995	4600	680	<10	120	47	---	---	20.68	6.61	14.07	---	---
S-9	10/17/1995	1600	150	<0.5	42	15	---	---	20.68	7.00	13.68	---	---
S-9	01/11/1996	6800	1100	12	720	95	24	---	20.68	6.20	14.48	---	---
S-9	04/02/1996	6000	1300	8.3	430	99	49	---	20.68	5.19	15.49	---	---
S-9 (D)	04/02/1996	6500	1200	8.3	410	90	<20	---	20.68	---	---	---	---
S-9	07/09/1996	3400	680	6.7	54	31	<25	---	20.68	6.43	14.25	---	---
S-9 (D)	07/09/1996	3300	730	<5.0	58	28	<25	---	20.68	---	---	---	---
S-9	10/10/1996	6600	1200	<10	160	<10	70	---	20.68	7.08	13.60	---	---
S-9 (D)	10/10/1996	6100	1000	<10	200	15	65	---	20.68	---	---	---	---
S-9	01/09/1997	12000	1400	<25	1000	39	<125	---	20.68	5.03	15.65	---	---
S-9	04/08/1997	6600	920	10	230	26	150	---	20.68	6.78	13.90	---	---
S-9	07/21/1997	7800	860	13	260	14	87	---	20.68	6.77	13.91	---	---
S-9	10/08/1997	4600	320	<10	61	<10	28	---	20.68	6.92	13.76	---	---
S-9	01/15/1998	9300	1000	<10	730	24	<50	---	20.68	4.50	16.18	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-9	04/14/1998	12000	1200	<2.5	960	<2.5	<12	---	20.68	4.35	16.33	---	---
S-9 (D)	04/14/1998	12000	1200	<2.5	930	<2.5	<12	---	20.68	---	---	---	---
S-9	07/14/1998	12000	1700	<25	990	39	<125	---	20.68	5.95	14.73	---	---
S-9 (D)	07/14/1998	11000	1800	<25	650	<25	<125	---	20.68	---	---	---	---
S-9	10/20/1998	14000	1600	<25	560	<25	340	---	20.68	7.03	13.65	---	---
S-9 (D)	10/20/1998	11000	1100	<10	230	<10	100	---	20.68	---	---	---	---
S-9	01/22/1999	9900	1030	26.7	819	27.5	46.8	---	20.68	6.01	14.67	---	---
S-9	04/08/1999	17900	1450	<50.0	1610	73.8	<500	---	20.68	5.25	15.43	---	---
S-9	07/23/1999	12200	1020	<20.0	536	<20.0	<200	---	20.68	6.71	13.97	---	---
S-9	10/26/1999	9580	1170	11.9	566	23.1	<50.0	---	20.68	7.27	13.41	---	---
S-9	10/26/1999	9580	1170	11.9	566	23.1	<50.0	---	20.68	7.27	13.41	---	---
S-9	01/03/2000	9660	689	<50.0	640	<50.0	<250	---	20.68	7.47	13.21	---	---
S-9	04/14/2000	14000	1040	<50.0	1210	<50.0	<250	---	20.68	5.75	14.93	---	---
S-9	07/12/2000	13200	1360	33.9	552	26.8	<100	---	20.68	6.63	14.05	---	---
S-9	11/01/2000	9120	928	13.5	468	<10.0	<50.0	---	20.68	5.50	15.18	---	---
S-9	01/03/2001	355	19.8	0.732	2.23	0.630	5.09	---	20.68	7.11	13.57	---	---
S-9	04/24/2001	3500	300	1.7	150	1.7	---	<1.0	20.68	6.30	14.38	---	---
S-9	07/02/2001	88	3.8	<0.50	<0.50	<0.50	---	<5.0	20.68	8.18	12.50	---	2.6
S-9	11/02/2001	210	9.5	<0.50	<0.50	<0.50	---	<5.0	20.68	8.40	12.28	---	16.4
S-9	01/16/2002	15000	520	4.9	580	7.1	---	<20	20.68	5.71	14.97	---	0.5
S-9	04/01/2002	15000	530	5.1	920	7.8	---	<25	20.68	5.99	14.69	---	3.0
S-9	07/11/2002	10000	520	5.3	97	5.8	---	<25	20.68	6.99	13.69	---	0.5
S-9	10/28/2002	11000	580	6.2	65	5.3	---	<2.5	20.70	7.63	13.07	---	1.0
S-9	01/23/2003	9300	400	5.6	320	6.5	---	<5.0	20.70	5.96	14.74	---	0.5
S-9	04/30/2003	180	4.2	<0.50	3.7	<1.0	---	<5.0	20.70	5.20	15.50	---	7.0
S-9	07/01/2003	2200	71	0.94	6.4	<1.0	---	<0.50	20.70	7.78	12.92	---	0.9
S-9	10/08/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	20.70	7.38	13.32	---	16.2
S-9	01/22/2004	1400	26	<1.0	14	12	---	---	20.70	6.51	14.19	---	0.7
S-9	07/13/2004	1900	36	<1.0	2.0	<2.0	---	<1.0	20.70	8.51	12.19	---	17.1
S-9	01/20/2005	3600	60	1.2	50	<2.0	---	---	20.70	5.80	14.90	---	0.4

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-9	07/19/2005	2800	42	1.4	18	<2.0	---	---	20.70	7.50	13.20	---	---
S-9	01/27/2006	16800	152	4.74	165	6.77	---	---	20.70	6.40	14.30	---	---
S-9	07/25/2006	22500	79.3	2.32	27.2	<3.00	---	---	20.70	6.92	13.78	---	---
S-9	01/04/2007	5800	82	3.2	110	<5.0	---	---	20.70	6.40	14.30	---	---
S-9	07/24/2007	8900 g,h	91	3.4 i	22	<10	---	---	20.70	7.19	13.51	---	---
S-9	01/15/2008	11000 g,h	68	3.5 i	68	4.5 i	---	---	20.70	5.20	15.50	---	---
S-9	08/04/2008	8200	50	2.6	12	3.6	---	---	20.70	7.38	13.32	---	---
S-9	01/08/2009	9200	40	2.4	29	1.9	---	---	20.70	6.73	13.97	---	---
S-9	07/21/2009	6200	26	1.6	7.5	1.3	---	---	20.70	7.28	13.42	---	---
S-9	07/21/2009 j	9600	35	2.1	9.2	1.8	---	---	20.70	7.28	13.42	---	---
S-9	01/12/2010 j	15000	39	<5.0	26	<5.0	---	---	20.70	6.14	14.56	---	---
S-9	07/22/2010	7900	21	<5.0	19	<5.0	---	---	20.70	6.89	13.81	---	---
S-9	02/01/2011	12000	28	2.6	41	<5.0	---	---	20.70	5.86	14.84	---	---
S-9	08/25/2011	---	---	---	---	---	---	---	20.70	6.42	14.28	---	---
S-9	08/26/2011	1700	15	2.2	19	2.8	---	---	20.70	---	---	---	---
S-10	11/16/1988	330	0.5	<1	1.0	11	---	---	20.86	7.91	12.95	---	---
S-10	02/27/1989	140	<0.5	<3	2.0	6.0	---	---	20.86	---	---	---	---
S-10	05/03/1989	220	<0.5	1.0	2.0	7.0	---	---	20.86	---	---	---	---
S-10	08/10/1989	<50	<0.5	<1	<1	<3	---	---	20.86	7.94	12.92	---	---
S-10	10/09/1989	170	<0.5	<1	<1	<3	---	---	20.86	7.99	12.87	---	---
S-10	01/25/1990	<50	<0.5	<0.5	1.1	4.0	---	---	20.86	7.56	13.30	---	---
S-10	04/18/1990	<50	<0.5	0.9	<0.5	2.0	---	---	20.86	7.71	13.15	---	---
S-10	07/23/1990	590	<0.5	<0.5	1.9	19	---	---	20.86	7.64	13.22	---	---
S-10	10/18/1990	140	<0.5	0.7	<0.5	7.0	---	---	20.86	8.58	12.28	---	---
S-10	01/28/1991	<50	<0.5	<0.5	<0.5	0.5	---	---	20.86	8.35	12.51	---	---
S-10	04/25/1991	<50	<0.5	<0.5	1.1	0.8	---	---	20.69	6.91	13.78	---	---
S-10	07/09/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.69	8.14	12.55	---	---
S-10	10/08/1991	140	<0.5	<0.5	<0.5	<0.5	---	---	20.69	8.70	11.99	---	---
S-10	02/05/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.69	7.57	13.12	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-10	04/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.69	7.20	13.49	---	---
S-10	07/27/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.69	8.17	12.52	---	---
S-10	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.69	8.68	12.01	---	---
S-10	01/13/1993	88	<0.5	0.6	0.6	<0.5	---	---	20.69	3.78	16.91	---	---
S-10	04/16/1993	80	<0.5	<0.5	<0.5	<0.5	---	---	20.69	6.46	14.23	---	---
S-10	07/23/1993	<50	1.5	<0.5	0.7	2.7	---	---	20.69	7.38	13.31	---	---
S-10	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.69	8.09	12.60	---	---
S-10	01/27/1994	270	1.1	1.3	2.0	7.4	---	---	20.69	5.81	14.88	---	---
S-10	05/05/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.15	6.82	13.33	---	---
S-10	07/26/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	20.15	7.40	12.75	---	---
S-10	10/28/1994	<50	2.4	<0.3	0.5	0.8	---	---	20.15	7.62	12.53	---	---
S-10	01/02/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.15	6.13	14.02	---	---
S-10	04/14/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.15	5.60	14.55	---	---
S-10	07/28/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.15	6.44	13.71	---	---
S-10	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.15	6.85	13.30	---	---
S-10	01/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	---	20.15	6.08	14.07	---	---
S-10	04/02/1996	---	---	---	---	---	---	---	20.15	5.21	14.94	---	---
S-10	07/09/1996	---	---	---	---	---	---	---	20.15	6.20	13.95	---	---
S-10	10/10/1996	---	---	---	---	---	---	---	20.15	6.92	13.23	---	---
S-10	01/09/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.15	4.64	15.51	---	---
S-10	04/08/1997	---	---	---	---	---	---	---	20.15	5.82	14.33	---	---
S-10	07/21/1997	---	---	---	---	---	---	---	20.15	6.48	13.67	---	---
S-10	10/08/1997	---	---	---	---	---	---	---	20.15	5.48	14.67	---	---
S-10	01/15/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.15	3.01	17.14	---	---
S-10	04/14/1998	---	---	---	---	---	---	---	20.15	4.30	15.85	---	---
S-10	07/14/1998	---	---	---	---	---	---	---	20.15	5.84	14.31	---	---
S-10	10/20/1998	---	---	---	---	---	---	---	20.15	6.89	13.26	---	---
S-10	01/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	---	20.15	6.00	14.15	---	---
S-10	04/08/1999	---	---	---	---	---	---	---	20.15	4.41	15.74	---	---
S-10	07/23/1999	---	---	---	---	---	---	---	20.15	6.48	13.67	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-10	10/26/1999	---	---	---	---	---	---	---	20.15	7.07	13.08	---	---
S-10	01/03/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.15	7.27	12.88	---	---
S-10	04/14/2000	---	---	---	---	---	---	---	20.15	5.75	14.40	---	---
S-10	07/12/2000	---	---	---	---	---	---	---	20.15	6.17	13.98	---	---
S-10	11/01/2000	---	---	---	---	---	---	---	20.15	5.63	14.52	---	---
S-10	01/03/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.15	6.89	13.26	---	---
S-10	04/24/2001	---	---	---	---	---	---	---	20.15	6.20	13.95	---	---
S-10	07/02/2001	---	---	---	---	---	---	---	20.15	6.80	13.35	---	---
S-10	11/02/2001	---	---	---	---	---	---	---	20.15	7.40	12.75	---	---
S-10	01/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.15	5.66	14.49	---	---
S-10	04/01/2002	---	---	---	---	---	---	---	20.15	5.63	14.52	---	---
S-10	07/11/2002	---	---	---	---	---	---	---	20.15	6.72	13.43	---	---
S-10	10/28/2002	---	---	---	---	---	---	---	20.14	7.50	12.64	---	---
S-10	01/23/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.14	5.97	14.17	---	---
S-10	04/30/2003	---	---	---	---	---	---	---	20.14	5.24	14.90	---	---
S-10	07/01/2003	---	---	---	---	---	---	---	20.14	6.82	13.32	---	---
S-10	10/08/2003	---	---	---	---	---	---	---	20.14	7.06	13.08	---	---
S-10	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.14	6.50	13.64	---	---
S-10	07/13/2004	---	---	---	---	---	---	---	20.14	7.49	12.65	---	---
S-10	01/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.14	5.09	15.05	---	---
S-10	07/19/2005	---	---	---	---	---	---	---	20.14	6.00	14.14	---	---
S-10	01/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	20.14	5.61	14.53	---	---
S-10	07/25/2006	---	---	---	---	---	---	---	20.14	6.61	13.53	---	---
S-10	01/04/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.14	6.29	13.85	---	---
S-10	07/24/2007	---	---	---	---	---	---	---	20.14	6.82	13.32	---	---
S-10	01/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	20.14	5.33	14.81	---	---
S-10	08/04/2008	---	---	---	---	---	---	---	20.14	6.65	13.49	---	---
S-10	01/08/2009	120	<0.50	<1.0	<1.0	<1.0	---	---	20.14	6.61	13.53	---	---
S-10	07/21/2009	---	---	---	---	---	---	---	20.14	7.06	13.08	---	---
S-10	01/12/2010 j	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.14	6.38	13.76	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-10	07/22/2010	---	---	---	---	---	---	---	20.14	6.88	13.26	---	---
S-10	02/01/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.14	6.32	13.82	---	---
S-10	08/25/2011	---	---	---	---	---	---	---	20.14	5.17	14.97	---	---
S-11	11/16/1988	<50	<0.5	<1	<1	<3	---	---	21.26	8.62	12.64	---	---
S-11	02/27/1989	<50	<0.5	<1	<1	<3	---	---	21.26	---	---	---	---
S-11	05/03/1989	<50	<0.5	<1	<1	<3	---	---	21.26	---	---	---	---
S-11	08/10/1989	<50	<0.5	<1	<1	<3	---	---	21.26	8.65	12.61	---	---
S-11	10/09/1989	<50	<0.5	<1	<1	<3	---	---	21.26	8.64	12.62	---	---
S-11	01/25/1990	<50	<0.5	<0.5	<0.5	<1	---	---	21.26	8.43	12.83	---	---
S-11	04/18/1990	<50	<0.5	<0.5	<0.5	<1	---	---	21.26	8.42	12.84	---	---
S-11	07/23/1990	<50	<0.5	0.6	<0.5	1.1	---	---	21.26	8.23	13.03	---	---
S-11	10/18/1990	<50	<0.5	<0.5	<0.5	0.5	---	---	21.26	9.20	12.06	---	---
S-11	01/28/1991	63	<0.5	3.3	0.9	7.0	---	---	21.26	9.13	12.13	---	---
S-11	04/25/1991	<50	<0.5	<0.5	0.8	<0.5	---	---	21.26	7.53	13.73	---	---
S-11	07/09/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.26	8.85	12.41	---	---
S-11	10/08/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.26	9.34	11.92	---	---
S-11	02/05/1991	---	---	---	---	---	---	---	21.26	8.50	12.76	---	---
S-11	04/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.26	7.80	13.46	---	---
S-11	07/27/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.26	8.80	12.46	---	---
S-11	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.26	9.42	11.84	---	---
S-11	01/13/1993	---	---	---	---	---	---	---	21.26	6.52	14.74	---	---
S-11	04/16/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.26	6.86	14.40	---	---
S-11	07/23/1993	---	---	---	---	---	---	---	21.26	8.07	13.19	---	---
S-11	10/27/1993	Well inaccessible		---	---	---	---	---	21.26	---	---	---	---
S-11	05/05/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.24	7.73	13.51	---	---
S-11	07/26/1994	---	---	---	---	---	---	---	21.24	8.30	12.94	---	---
S-11	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	21.24	8.30	12.94	---	---
S-11	01/02/1995	---	---	---	---	---	---	---	21.24	7.25	13.99	---	---
S-11	04/14/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.24	6.99	14.25	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-11	07/28/1995	---	---	---	---	---	---	---	21.24	7.21	14.03	---	---
S-11	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.24	7.41	13.83	---	---
S-11	01/11/1996	---	---	---	---	---	---	---	21.24	6.80	14.44	---	---
S-11	07/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	21.24	7.28	13.96	---	---
S-11	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	0.57	21.27	7.55	13.72	---	---
S-12	11/16/1988	50	3.5	<1	<1	<3	---	---	21.05	---	---	---	---
S-12	02/27/1989	<50	0.8	<1	<1	<3	---	---	21.05	---	---	---	---
S-12	05/03/1989	<50	<0.5	<1	<1	<3	---	---	21.05	---	---	---	---
S-12	08/10/1989	<50	<0.5	<1	<1	<3	---	---	21.05	8.32	12.73	---	---
S-12	10/09/1989	<50	<0.5	<1	<1	<1	---	---	21.05	8.32	12.73	---	---
S-12	01/25/1990	<50	<0.5	<0.5	<0.5	<1	---	---	21.05	8.18	12.87	---	---
S-12	04/18/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.05	13.00	---	---
S-12	07/23/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.05	7.92	13.13	---	---
S-12	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.90	12.15	---	---
S-12	01/28/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.54	12.51	---	---
S-12	04/25/1991	90	5.4	<0.5	1.1	0.7	---	---	21.05	7.08	13.97	---	---
S-12	07/09/1991	<50	2.9	<0.5	<0.5	<0.5	---	---	21.05	8.42	12.63	---	---
S-12	10/08/1991	50	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.80	12.25	---	---
S-12	02/05/1992	50a	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.07	12.98	---	---
S-12	04/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.33	12.72	---	---
S-12	07/27/1992	94	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.55	12.50	---	---
S-12	10/26/1992	86	<0.5	<0.5	<0.5	<0.5	---	---	21.05	9.03	12.02	---	---
S-12	01/14/1993	120	2.0	<0.5	<0.5	<0.5	---	---	21.05	6.38	14.67	---	---
S-12	04/16/1993	60	<0.5	<0.5	<0.5	<0.5	---	---	21.05	6.56	14.49	---	---
S-12	07/23/1993	90	<0.5	<0.5	<0.5	<0.5	---	---	21.05	7.76	13.29	---	---
S-12	10/27/1993	Well inaccessible		---	---	---	---	---	21.05	---	---	---	---
S-12	01/27/1994	Well inaccessible		---	---	---	---	---	21.05	---	---	---	---
S-12	05/05/1994	<50	2.0	<0.5	<0.5	<0.5	---	---	20.71	7.49	13.22	---	---
S-12	07/26/1994	128	<0.3	<0.3	<0.3	<0.6	---	---	20.71	7.92	12.79	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-12	10/28/1994	167	<0.3	<0.3	<0.3	<0.6	---	---	20.71	7.78	12.93	---	---
S-12	01/02/1995	50	<0.5	<0.5	<0.5	<0.5	---	---	20.71	7.33	13.38	---	---
S-12	04/14/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.71	6.47	14.24	---	---
S-12	07/28/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.71	6.90	13.81	---	---
S-12	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.71	7.16	13.55	---	---
S-12	01/11/1996	<50	<0.5	<0.5	<0.5	<0.5	82	---	20.71	6.65	14.06	---	---
S-12	07/21/1997	<50	<0.50	<0.50	<0.50	<0.50	45	---	20.71	6.95	13.76	---	---
S-12	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	0.58	20.73	7.30	13.43	---	---
S-13	05/03/1989	150	4.9	4.0	2.0	14	---	---	20.57	---	---	---	---
S-13	08/10/1989	110	2.9	<1	<1	<3	---	---	20.57	8.00	12.57	---	---
S-13	10/09/1989	77	1.4	<1	<1	<3	---	---	20.57	7.95	12.62	---	---
S-13	01/25/1990	51	0.5	<0.5	<0.5	<1	---	---	20.57	7.79	12.78	---	---
S-13	04/18/1990	85	8.7	<0.5	<0.5	<1	---	---	20.57	7.73	12.84	---	---
S-13	07/23/1990	80	0.8	<0.5	<0.5	<0.5	---	---	20.57	7.63	12.94	---	---
S-13	10/18/1990	130	<0.5	<0.5	<0.5	<5	---	---	20.57	8.58	11.99	---	---
S-13	01/28/1991	<50	<0.5	0.9	1.2	1.0	---	---	20.57	8.39	12.18	---	---
S-13	04/25/1991	440a	3.8	<0.5	<0.5	0.6	---	---	20.57	7.00	13.57	---	---
S-13	07/09/1991	320a	0.6	<0.5	<0.5	<0.5	---	---	20.57	8.12	12.45	---	---
S-13	10/08/1991	310	<0.5	<0.5	<0.5	<0.5	---	---	20.57	8.69	11.88	---	---
S-13	02/05/1992	---	---	---	---	---	---	---	20.57	7.62	12.95	---	---
S-13	04/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.57	7.15	13.42	---	---
S-13	07/27/1992	---	---	---	---	---	---	---	20.57	8.20	12.37	---	---
S-13	10/26/1992	180	<0.5	<0.5	<0.5	<0.5	---	---	20.57	8.73	11.84	---	---
S-13	01/13/1993	---	---	---	---	---	---	---	20.57	5.06	15.51	---	---
S-13	04/16/1993	240	4.8	<0.5	1.3	<0.5	---	---	20.57	6.38	14.19	---	---
S-13	07/23/1993	---	---	---	---	---	---	---	20.57	7.45	13.12	---	---
S-13	10/27/1993	Well inaccessible		---	---	---	---	---	20.57	---	---	---	---
S-13	05/05/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.16	6.91	13.25	---	---
S-13	07/26/1994	---	---	---	---	---	---	---	20.16	7.52	12.64	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-13	10/28/1994	368	<0.3	<0.3	<0.3	<0.6	---	---	20.16	7.68	12.48	---	---
S-13	01/02/1995	---	---	---	---	---	---	---	20.16	6.37	13.79	---	---
S-13	04/14/1995	---	---	---	---	---	---	---	20.16	5.81	14.35	---	---
S-13	07/28/1995	---	---	---	---	---	---	---	20.16	6.73	13.43	---	---
S-13	10/17/1995	<50	1.0	<0.5	<0.5	<0.5	---	---	20.16	6.94	13.22	---	---
S-13	01/11/1996	---	---	---	---	---	---	---	20.16	6.20	13.96	---	---
S-13	04/02/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	---	20.16	5.28	14.88	---	---
S-13	07/09/1996	---	---	---	---	---	---	---	20.16	6.35	13.81	---	---
S-13	10/10/1996	<50	<0.50	<0.50	<0.50	<0.50	210	160	20.16	7.04	13.12	---	---
S-13	01/09/1997	---	---	---	---	---	---	---	20.16	5.19	14.97	---	---
S-13	04/08/1997	<50	<0.50	<0.50	<0.50	<0.50	81	---	20.16	6.62	13.54	---	---
S-13	07/21/1997	---	---	---	---	---	---	---	20.16	6.76	13.40	---	---
S-13	10/08/1997	<50	<0.50	<0.50	<0.50	<0.50	110	---	20.16	7.05	13.11	---	---
S-13	01/15/1998	---	---	---	---	---	---	---	20.16	5.27	14.89	---	---
S-13	04/14/1998	<50	<0.50	<0.50	<0.50	<0.50	3.2	---	20.16	5.24	14.92	---	---
S-13	07/14/1998	---	---	---	---	---	---	---	20.16	5.48	14.68	---	---
S-13	10/20/1998	---	---	---	---	---	---	---	20.16	7.08	13.08	---	---
S-13	01/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	92.2	---	20.16	6.65	13.51	---	---
S-13	04/08/1999	---	---	---	---	---	---	---	20.16	5.61	14.55	---	---
S-13	07/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	20.16	6.78	13.38	---	---
S-13	10/26/1999	---	---	---	---	---	---	---	20.16	7.33	12.83	---	---
S-13	01/03/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.16	7.51	12.65	---	---
S-13	04/14/2000	---	---	---	---	---	---	---	20.16	6.08	14.08	---	---
S-13	07/12/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.16	6.50	13.66	---	---
S-13	11/01/2000	---	---	---	---	---	---	---	20.16	6.10	14.06	---	---
S-13	01/03/2001	<50.0	<0.500	<0.500	<0.500	<0.500	21.2	23.9	20.16	7.09	13.07	---	---
S-13	04/24/2001	Well inaccessible		---	---	---	---	---	20.16	---	---	---	---
S-13	07/02/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.16	7.13	13.03	---	---
S-13	11/02/2001	---	---	---	---	---	---	---	20.16	7.38	12.78	---	---
S-13	01/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	5.9	20.16	6.02	14.14	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-13	04/01/2002	---	---	---	---	---	---	---	20.16	6.26	13.90	---	---
S-13	07/11/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.16	7.00	13.16	---	---
S-13	10/28/2002	---	---	---	---	---	---	---	20.19	7.70	12.49	---	---
S-13	01/23/2003	<50	<0.50	<0.50	<0.50	<0.50	---	110	20.19	6.41	13.78	---	---
S-13	04/30/2003	---	---	---	---	---	---	---	20.19	6.12	14.07	---	---
S-13	07/01/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	20.19	7.65	12.54	---	1.4
S-13	10/08/2003	---	---	---	---	---	---	---	20.19	7.32	12.87	---	---
S-13	01/22/2004	<250	<2.5	<2.5	<2.5	<5.0	---	---	20.19	6.60	13.59	---	---
S-13	07/13/2004	---	---	---	---	---	---	---	20.19	6.60	13.59	---	---
S-13	01/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.19	6.56	13.63	---	---
S-13	07/19/2005	---	---	---	---	---	---	---	20.19	6.15	14.04	---	---
S-13	01/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	20.19	6.42	13.77	---	---
S-13	07/25/2006	---	---	---	---	---	---	---	20.19	7.51	12.68	---	---
S-13	01/04/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.19	6.85	13.34	---	---
S-13	07/24/2007	---	---	---	---	---	---	---	20.19	7.39	12.80	---	---
S-13	01/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	20.19	6.00	14.19	---	---
S-13	08/04/2008	---	---	---	---	---	---	---	20.19	7.46	12.73	---	---
S-13	01/08/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.19	6.71	13.48	---	---
S-13	07/21/2009	---	---	---	---	---	---	---	20.19	7.26	12.93	---	---
S-13	01/12/2010 j	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.19	6.25	13.94	---	---
S-13	07/22/2010	---	---	---	---	---	---	---	20.19	7.01	13.18	---	---
S-13	02/01/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.19	6.53	13.66	---	---
S-13	08/25/2011	---	---	---	---	---	---	---	20.19	6.77	13.42	---	---
S-14	05/03/1989	5300	750	400	200	800	---	---	20.44	---	---	---	---
S-14	08/10/1989	1800	540	140	42	50	---	---	20.44	7.58	12.86	---	---
S-14	10/09/1989	1000	360	60	20	30	---	---	20.44	7.62	12.82	---	---
S-14	01/25/1990	640	160	77	17	39	---	---	20.44	7.82	12.62	---	---
S-14	04/18/1990	1200	200	110	30	96	---	---	20.44	7.37	13.07	---	---
S-14	07/23/1990	5000	430	340	140	660	---	---	20.44	7.28	13.16	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-14	10/18/1990	1800	770	13	17	120	---	---	20.44	8.10	12.34	---	---
S-14	01/28/1991	720	200	36	21	78	---	---	20.44	8.04	12.40	---	---
S-14	04/25/1991	14000	930	430	250	970	---	---	20.44	6.40	14.04	---	---
S-14	07/09/1991	160	30	5.3	5	16	---	---	20.44	7.69	12.75	---	---
S-14	10/08/1991	5400	81	57	95	380	---	---	20.44	8.24	12.20	---	---
S-14	02/02/1992	---	---	---	---	---	---	---	20.44	7.20	13.24	---	---
S-14	04/28/1992	2000	270	140	48	170	---	---	20.44	9.75	10.69	---	---
S-14	10/26/1992	920	33	12	25	88	---	---	20.44	8.32	12.12	---	---
S-14	01/13/1993	---	---	---	---	---	---	---	20.44	5.07	15.37	---	---
S-14	04/16/1993	4500	1100	29	91	170	---	---	20.44	5.86	14.58	---	---
S-14	07/23/1993	---	---	---	---	---	---	---	20.44	7.06	13.38	---	---
S-14	10/27/1993	Well inaccessible		---	---	---	---	---	20.44	---	---	---	---
S-14	05/05/1994	810	250	<2.5	9.4	19	---	---	19.99	6.48	13.51	---	---
S-14	07/26/1994	---	---	---	---	---	---	---	19.99	7.04	12.95	---	---
S-14	10/28/1994	5385	290.6	85.8	49.7	186.2	---	---	19.99	7.07	12.92	---	---
S-14	01/02/1995	---	---	---	---	---	---	---	19.99	5.95	14.04	---	---
S-14	04/14/1995	1600	40	4.7	11	20	---	---	19.99	5.22	14.77	---	---
S-14	07/28/1995	---	---	---	---	---	---	---	19.99	6.21	13.78	---	---
S-14	10/17/1995	1200	37	<0.5	7.8	11	---	---	19.99	6.30	13.69	---	---
S-14	01/11/1996	---	---	---	---	---	---	---	19.99	5.70	14.29	---	---
S-14	07/21/1997	220	71	0.71	1.3	1.3	100	---	19.99	6.14	13.85	---	---
S-14	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	55	20.01	6.20	13.81	---	---
S-15	05/03/1989	<50	<0.5	<1	<1	<3	---	---	22.22	---	---	---	---
S-15	08/10/1989	<50	<0.5	<1	<1	<3	---	---	22.22	8.48	13.74	---	---
S-15	10/09/1989	<50	<0.5	<1	<1	<3	---	---	22.22	8.46	13.76	---	---
S-15	01/25/1990	<50	<0.5	<1	<1	<1	---	---	22.22	8.34	13.88	---	---
S-15	04/18/1990	<50	<0.5	<0.5	<0.5	<1	---	---	22.22	8.45	13.77	---	---
S-15	07/23/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	8.22	14.00	---	---
S-15	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	9.11	13.11	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-15	01/28/1991	<50	<0.5	0.6	<0.5	0.8	---	---	22.22	9.13	13.09	---	---
S-15	04/25/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	7.83	14.39	---	---
S-15	07/09/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	8.93	13.29	---	---
S-15	10/08/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	9.26	12.96	---	---
S-15	02/05/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	8.60	13.62	---	---
S-15	04/28/1992	50	0.8	0.9	<0.5	1.4	---	---	22.22	8.09	14.13	---	---
S-15	07/27/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	8.83	13.39	---	---
S-15	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	9.31	12.91	---	---
S-15	01/14/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	6.64	15.58	---	---
S-15	04/16/1993	<50	0.6	1.0	<0.5	0.7	---	---	22.22	7.14	15.08	---	---
S-15	07/23/1993	<50	1.2	<0.5	<0.5	1.6	---	---	22.22	8.23	13.99	---	---
S-15	10/27/1993	Well inaccessible		---	---	---	---	---	22.22	---	---	---	---
S-15	01/27/1994	Well inaccessible		---	---	---	---	---	22.22	---	---	---	---
S-15	05/05/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.42	7.57	13.85	---	---
S-15	07/26/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	21.42	8.16	13.26	---	---
S-15	10/28/1994	<50	0.3	<0.3	<0.3	<0.6	---	---	21.42	7.87	13.55	---	---
S-15	01/02/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.42	7.02	14.40	---	---
S-15	04/14/1995	---	---	---	---	---	---	---	21.42	6.19	15.23	---	---
S-15	07/28/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.42	6.72	14.70	---	---
S-15	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.42	7.04	14.38	---	---
S-15	01/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	---	21.42	6.40	15.02	---	---
S-15	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	21.47	7.07	14.40	---	---
S-16	05/04/1994	380	44	3.0	2.0	<3	---	---	21.82	---	---	---	---
S-16	08/10/1989	<50	0.6	<1	<1	<3	---	---	21.82	8.36	13.46	---	---
S-16	10/10/1989	<5	<0.5	<1	<1	<3	---	---	21.82	8.23	13.59	---	---
S-16	01/25/1990	240	160	3.3	0.8	11	---	---	21.82	7.88	13.94	---	---
S-16	04/18/1990	<50	1.0	<0.5	<0.5	<1	---	---	21.82	8.19	13.63	---	---
S-16	07/23/1990	<50	1.1	<0.5	<0.5	<0.5	---	---	21.82	8.09	13.73	---	---
S-16	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.82	8.90	12.92	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-16	01/28/1991	<50	<0.5	0.6	<0.5	0.9	---	---	21.82	8.55	13.27	---	---
S-16	04/25/1991	60	21	0.5	3.2	4.8	---	---	21.82	7.48	14.34	---	---
S-16	07/09/1991	<50	1.0	<0.5	<0.5	<0.5	---	---	21.82	8.48	13.34	---	---
S-16	10/08/1991	50	17	1.4	1.2	5.5	---	---	21.82	8.95	12.87	---	---
S-16	02/05/1992	150	65	0.7	<0.5	8.4	---	---	21.82	8.20	13.62	---	---
S-16	04/28/1992	<50	13	<0.5	<0.5	<0.5	---	---	21.82	7.80	14.02	---	---
S-16	07/27/1992	510	130	<2.5	<0.5	21	---	---	21.82	8.29	13.53	---	---
S-16	10/26/1992	<50	<0.5	<0.5	<2.5	<0.5	---	---	21.82	9.02	12.80	---	---
S-16	01/13/1993	100	25	1.9	<0.5	8.4	---	---	21.82	5.78	16.04	---	---
S-16	04/16/1993	150	56	1.8	4.6	12	---	---	21.82	6.80	15.02	---	---
S-16	07/23/1993	<50	0.9	<0.5	<0.5	<0.5	---	---	21.82	7.67	14.15	---	---
S-16	10/27/1993	<50	1.5	<0.5	<0.5	<0.5	---	---	21.82	8.52	13.30	---	---
S-16	01/27/1994	140	85	<1	<1	13	---	---	21.82	7.20	14.62	---	---
S-16	05/05/1994	71	25	<0.5	<0.5	4.2	---	---	21.24	7.76	13.48	---	---
S-16	07/26/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	21.24	7.84	13.40	---	---
S-16	10/28/1994	<50	11.5	<0.3	<0.3	1.8	---	---	21.24	7.97	13.27	---	---
S-16	01/02/1995	70	64	<0.5	<0.5	4.0	---	---	21.24	6.49	14.75	---	---
S-16	04/14/1995	---	---	---	---	---	---	---	21.24	6.08	15.16	---	---
S-16	07/28/1995	<50	1.7	<0.5	<0.5	<0.5	---	---	21.24	7.00	14.24	---	---
S-16	10/17/1995	<50	4.6	<0.5	<0.5	<0.5	---	---	21.24	7.15	14.09	---	---
S-16	01/11/1996	80	17	0.7	<0.5	2.9	<2	---	21.24	6.30	14.94	---	---
S-16	04/02/1996	---	---	---	---	---	---	---	21.24	5.84	15.40	---	---
S-16	07/09/1996	---	---	---	---	---	---	---	21.24	6.72	14.52	---	---
S-16	10/10/1996	---	---	---	---	---	---	---	21.24	7.41	13.83	---	---
S-16	01/09/1997	80	18	<0.50	1.7	4.8	<2.5	---	21.24	5.60	15.64	---	---
S-16	04/08/1997	---	---	---	---	---	---	---	21.24	7.34	13.90	---	---
S-16	07/21/1997	---	---	---	---	---	---	---	21.24	7.20	14.04	---	---
S-16	10/08/1997	---	---	---	---	---	---	---	21.24	7.34	13.90	---	---
S-16	01/15/1998	650	160	2.7	8.7	62	<12	---	21.24	4.79	16.45	---	---
S-16	04/14/1998	---	---	---	---	---	---	---	21.24	5.27	15.97	---	---

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-16	07/14/1998	---	---	---	---	---	---	---	21.24	6.32	14.92	---	---
S-16	10/20/1998	---	---	---	---	---	---	---	21.24	6.94	14.30	---	---
S-16	01/22/1999	Well inaccessible		---	---	---	---	---	21.24	---	---	---	---
S-16	04/08/1999	---	---	---	---	---	---	---	21.24	5.80	15.44	---	---
S-16	07/23/1999	---	---	---	---	---	---	---	21.24	6.62	14.62	---	---
S-16	10/26/1999	---	---	---	---	---	---	---	21.24	7.42	13.82	---	---
S-16	01/03/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	21.24	7.34	13.90	---	---
S-16	04/14/2000	---	---	---	---	---	---	---	21.24	6.27	14.97	---	---
S-16	07/12/2000	---	---	---	---	---	---	---	21.24	7.02	14.22	---	---
S-16	11/01/2000	---	---	---	---	---	---	---	21.24	6.79	14.45	---	---
S-16	01/03/2001	<50.0	<0.500	<0.500	<0.500	<0.500	3.05	---	21.24	7.18	14.06	---	---
S-16	04/24/2001	---	---	---	---	---	---	---	21.24	6.85	14.39	---	---
S-16	07/02/2001	---	---	---	---	---	---	---	21.24	7.51	13.73	---	---
S-16	11/02/2001	---	---	---	---	---	---	---	21.24	7.68	13.56	---	---
S-16	01/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	21.24	6.40	14.84	---	---
S-16	04/01/2002	---	---	---	---	---	---	---	21.24	6.33	14.91	---	---
S-16	07/11/2002	---	---	---	---	---	---	---	21.24	7.39	13.85	---	---
S-16	10/28/2002	---	---	---	---	---	---	---	21.30	8.00	13.30	---	---
S-16	01/23/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	21.30	6.36	14.94	---	---
S-16	04/30/2003	---	---	---	---	---	---	---	21.30	6.03	15.27	---	---
S-16	07/01/2003	---	---	---	---	---	---	---	21.30	7.28	14.02	---	---
S-16	10/08/2003	---	---	---	---	---	---	---	21.30	7.77	13.53	---	---
S-16	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.30	6.80	14.50	---	---
S-16	07/13/2004	---	---	---	---	---	---	---	21.30	7.94	13.36	---	---
S-16	01/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.30	5.62	15.68	---	---
S-16	07/19/2005	---	---	---	---	---	---	---	21.30	6.53	14.77	---	---
S-16	01/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	21.30	6.05	15.25	---	---
S-16	07/25/2006	---	---	---	---	---	---	---	21.30	7.19	14.11	---	---
S-16	01/04/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.30	6.89	14.41	---	---
S-16	07/24/2007	---	---	---	---	---	---	---	21.30	7.60	13.70	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-16	01/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	21.30	5.82	15.48	---	---
S-16	08/04/2008	---	---	---	---	---	---	---	21.30	7.55	13.75	---	---
S-16	01/08/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.30	7.16	14.14	---	---
S-16	07/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.30	7.69	13.61	---	---
S-16	07/21/2009 j	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.30	7.69	13.61	---	---
S-16	01/12/2010 j	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.30	6.99	14.31	---	---
S-16	07/22/2010	---	---	---	---	---	---	---	21.30	7.42	13.88	---	---
S-16	02/01/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.30	6.66	14.64	---	---
S-16	08/25/2011	---	---	---	---	---	---	---	21.30	6.97	14.33	---	---
S-17	05/03/1989	<50	<0.5	<1	<1	<3	---	---	20.95	---	---	---	---
S-17	08/10/1989	<50	<0.5	<1	<1	<3	---	---	20.95	8.13	12.82	---	---
S-17	10/09/1989	<50	<0.5	<1	<1	<3	---	---	20.95	8.18	12.77	---	---
S-17	01/25/1990	<50	<0.5	<0.5	<0.5	<1	---	---	20.95	7.60	13.35	---	---
S-17	04/18/1990	<50	<0.5	<0.5	<0.5	<1	---	---	20.95	7.95	13.00	---	---
S-17	07/23/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	7.87	13.08	---	---
S-17	10/18/1990	390	10	62	22	110	---	---	20.95	8.71	12.24	---	---
S-17	01/28/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	8.54	12.41	---	---
S-17	04/25/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	7.15	13.80	---	---
S-17	07/09/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	8.24	12.71	---	---
S-17	10/08/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	8.86	12.09	---	---
S-17	02/05/1992	---	---	---	---	---	---	---	20.95	7.74	13.21	---	---
S-17	04/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	7.41	13.54	---	---
S-17	07/27/1992	---	---	---	---	---	---	---	20.95	8.34	12.61	---	---
S-17	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	8.87	12.08	---	---
S-17	01/13/1993	---	---	---	---	---	---	---	20.95	3.43	17.52	---	---
S-17	04/16/1993	130	<0.5	<0.5	<0.5	<0.5	---	---	20.95	6.70	14.25	---	---
S-17	07/23/1993	---	---	---	---	---	---	---	20.95	7.53	13.42	---	---
S-17	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	8.29	12.66	---	---
S-17	01/27/1994	---	---	---	---	---	---	---	20.95	5.78	15.17	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-17	05/05/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.45	6.99	13.46	---	---
S-17	07/26/1994	---	---	---	---	---	---	---	20.45	7.62	12.83	---	---
S-17	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	20.45	7.91	12.54	---	---
S-17	01/02/1995	---	---	---	---	---	---	---	20.45	6.33	14.12	---	---
S-17	04/14/1995	---	---	---	---	---	---	---	20.45	5.53	14.92	---	---
S-17	07/28/1995	---	---	---	---	---	---	---	20.45	6.75	13.70	---	---
S-17	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.45	7.15	13.30	---	---
S-17	01/11/1996	---	---	---	---	---	---	---	20.45	6.37	14.08	---	---
S-17	04/02/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	---	20.45	5.31	15.14	---	---
S-17	07/09/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	6.30	14.15	---	---
S-17	10/10/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	7.80	12.65	---	---
S-17	01/09/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	4.80	15.65	---	---
S-17	04/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	6.83	13.62	---	---
S-17 (D)	04/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	---	---	---	---
S-17	07/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	6.78	13.67	---	---
S-17	10/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	6.80	13.65	---	---
S-17	01/15/1998	380	<0.50	<0.50	<0.50	0.94	<2.5	---	20.45	2.91	17.54	---	---
S-17	04/14/1998	160	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	4.47	15.98	---	---
S-17	07/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	6.45	14.00	---	---
S-17	10/20/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	7.11	13.34	---	---
S-17	01/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	---	20.45	6.01	14.44	---	---
S-17	04/08/1999	145	<0.500	<0.500	<0.500	<0.500	<5.00	---	20.45	4.69	15.76	---	---
S-17	07/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	20.45	6.60	13.85	---	---
S-17	10/26/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.45	6.68	13.77	---	---
S-17	01/03/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.45	7.20	13.25	---	---
S-17	04/14/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.45	5.88	14.57	---	---
S-17	07/12/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.45	6.45	14.00	---	---
S-17	11/01/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.45	5.45	15.00	---	---
S-17	01/03/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.45	7.22	13.23	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-17	04/24/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	20.45	6.10	14.35	---	---
S-17	07/02/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.45	6.95	13.50	---	---
S-17	11/02/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.45	7.50	12.95	---	---
S-17	01/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.45	5.76	14.69	---	---
S-17	04/01/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.45	6.02	14.43	---	---
S-17	07/11/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.45	6.97	13.48	---	---
S-17	10/28/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	20.44	7.60	12.84	---	0.9
S-17	01/23/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.44	5.77	14.67	---	---
S-17	04/30/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	20.44	5.35	15.09	---	---
S-17	07/01/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	20.44	6.95	13.49	---	1.1
S-17	10/08/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	20.44	7.01	13.43	---	---
S-17	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.44	6.57	13.87	---	---
S-17	07/13/2004	---	---	---	---	---	---	---	20.36 f	7.71	12.65	---	---
S-17	01/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.36 f	5.09	15.27	---	---
S-17	07/19/2005	---	---	---	---	---	---	---	20.36	6.30	14.06	---	---
S-17	01/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	20.36	5.50	14.86	---	---
S-17	07/25/2006	---	---	---	---	---	---	---	20.36	6.84	13.52	---	---
S-17	01/04/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.36	6.15	14.21	---	---
S-17	07/24/2007	---	---	---	---	---	---	---	20.36	6.92	13.44	---	---
S-17	01/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	20.36	5.05	15.31	---	---
S-17	08/04/2008	---	---	---	---	---	---	---	20.36	6.96	13.40	---	---
S-17	01/08/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.36	6.56	13.80	---	---
S-17	07/21/2009	---	---	---	---	---	---	---	20.36	7.23	13.13	---	---
S-17	01/12/2010 j	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.36	6.38	13.98	---	---
S-17	07/22/2010	---	---	---	---	---	---	---	20.36	7.12	13.24	---	---
S-17	02/01/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.36	6.46	13.90	---	---
S-17	08/25/2011	---	---	---	---	---	---	---	20.36	6.63	13.73	---	---
S-18	05/31/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	---	---	---	---
S-18	07/09/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	8.23	12.80	---	---

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-18	10/08/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	8.84	12.19	---	---
S-18	02/05/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	7.67	13.36	---	---
S-18	04/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	7.40	13.63	---	---
S-18	07/27/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	8.38	12.65	---	---
S-18	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	8.83	12.20	---	---
S-18	01/13/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	5.86	15.17	---	---
S-18	04/16/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	4.88	16.15	---	---
S-18	07/23/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	7.56	13.47	---	---
S-18	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	8.30	12.73	---	---
S-18	01/27/1994	<50	1.9	<0.5	<0.5	<0.5	---	---	21.03	6.84	14.19	---	---
S-18	05/05/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.57	7.05	13.52	---	---
S-18	07/26/1994	<500	<3	1.1	<0.3	1.8	---	---	20.57	7.62	12.95	---	---
S-18	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	20.57	8.01	12.56	---	---
S-18	01/02/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.57	6.26	14.31	---	---
S-18	04/14/1995	---	---	---	---	---	---	---	20.57	4.85	15.72	---	---
S-18	07/28/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.57	5.80	14.77	---	---
S-18	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.57	7.22	13.35	---	---
S-18	01/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	---	20.57	6.40	14.17	---	---
S-18	04/02/1996	---	---	---	---	---	---	---	20.57	4.80	15.77	---	---
S-18	07/09/1996	---	---	---	---	---	---	---	20.57	5.74	14.83	---	---
S-18	10/10/1996	---	---	---	---	---	---	---	20.57	6.06	14.51	---	---
S-18	01/09/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.57	4.70	15.87	---	---
S-18	04/08/1997	---	---	---	---	---	---	---	20.57	6.62	13.95	---	---
S-18	07/21/1997	---	---	---	---	---	---	---	20.57	6.94	13.63	---	---
S-18	10/08/1997	---	---	---	---	---	---	---	20.57	6.88	13.69	---	---
S-18	01/15/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.57	3.60	16.97	---	---
S-18	04/14/1998	---	---	---	---	---	---	---	20.57	4.28	16.29	---	---
S-18	07/14/1998	---	---	---	---	---	---	---	20.57	6.13	14.44	---	---
S-18	10/20/1998	---	---	---	---	---	---	---	20.57	7.20	13.37	---	---
S-18	01/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	---	20.57	6.00	14.57	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-18	04/08/1999	---	---	---	---	---	---	---	20.57	4.95	15.62	---	---
S-18	07/23/1999	---	---	---	---	---	---	---	20.57	6.03	14.54	---	---
S-18	10/26/1999	---	---	---	---	---	---	---	20.57	7.39	13.18	---	---
S-18	01/03/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.57	7.54	13.03	---	---
S-18	04/14/2000	---	---	---	---	---	---	---	20.57	4.41	16.16	---	---
S-18	07/12/2000	---	---	---	---	---	---	---	20.57	5.31	15.26	---	---
S-18	11/01/2000	---	---	---	---	---	---	---	20.57	6.42	14.15	---	---
S-18	01/03/2001	<50.0	<0.500	<0.500	<0.500	<0.500	3.67	---	20.57	7.30	13.27	---	---
S-18	04/24/2001	---	---	---	---	---	---	---	20.57	6.83	13.74	---	---
S-18	07/02/2001	---	---	---	---	---	---	---	20.57	7.23	13.34	---	---
S-18	11/02/2001	Unable to locate		---	---	---	---	---	20.57	---	---	---	---
S-18	01/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.57	6.15	14.42	---	---
S-18	04/01/2002	---	---	---	---	---	---	---	20.57	6.06	14.51	---	---
S-18	07/11/2002	---	---	---	---	---	---	---	20.57	6.98	13.59	---	---
S-18	10/28/2002	---	---	---	---	---	---	---	20.63	7.66	12.97	---	---
S-18	01/23/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.63	6.18	14.45	---	---
S-18	04/30/2003	---	---	---	---	---	---	---	20.63	5.32	15.31	---	---
S-18	07/01/2003	---	---	---	---	---	---	---	20.63	7.20	13.43	---	---
S-18	10/08/2003	---	---	---	---	---	---	---	20.63	7.48	13.15	---	---
S-18	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.63	6.74	13.89	---	---
S-18	07/13/2004	---	---	---	---	---	---	---	20.63	7.87	12.76	---	---
S-18	01/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.63	5.33	15.30	---	---
S-18	07/19/2005	---	---	---	---	---	---	---	20.63	6.55	14.08	---	---
S-18	01/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	20.63	5.89	14.74	---	---
S-18	07/25/2006	---	---	---	---	---	---	---	20.63	7.10	13.53	---	---
S-18	01/04/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.63	6.60	14.03	---	---
S-18	07/24/2007	---	---	---	---	---	---	---	20.63	7.13	13.50	---	---
S-18	01/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	20.63	5.25	15.38	---	---
S-18	08/04/2008	---	---	---	---	---	---	---	20.63	7.85	12.78	---	---
S-18	01/08/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.63	6.98	13.65	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-18	07/21/2009	---	---	---	---	---	---	---	20.63	7.43	13.20	---	---
S-18	01/12/2010 j	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.63	6.67	13.96	---	---
S-18	07/22/2010	---	---	---	---	---	---	---	20.63	7.31	13.32	---	---
S-18	02/01/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.63	6.52	14.11	---	---
S-18	08/25/2011	---	---	---	---	---	---	---	20.63	6.73	13.90	---	---
S-19	10/20/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.11	6.41	13.70	---	---
S-19	01/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	90.6	---	20.11	5.42	14.69	---	---
S-19	04/08/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	20.11	4.61	15.50	---	---
S-19	07/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	20.11	5.86	14.25	---	---
S-19	10/26/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.11	6.28	13.83	---	---
S-19	01/03/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.11	6.62	13.49	---	---
S-19	04/14/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.11	4.31	15.80	---	---
S-19	07/12/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.11	5.46	14.65	---	---
S-19	11/01/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.11	5.05	15.06	---	---
S-19	01/03/2001	<50.0	<0.500	<0.500	<0.500	<0.500	9.61	---	20.11	6.00	14.11	---	---
S-19	04/24/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	20.11	5.58	14.53	---	---
S-19	07/02/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.11	6.34	13.77	---	3.4
S-19	11/02/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.11	6.57	13.54	---	3.4
S-19	01/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.11	5.05	15.06	---	0.5
S-19	04/01/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.11	5.13	14.98	---	3.3
S-19	07/11/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.11	5.50	14.61	---	0.5
S-19	10/28/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	20.10	6.35	13.75	---	0.6
S-19	01/23/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.10	5.15	14.95	---	0.3
S-19	04/30/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	20.10	4.90	15.20	---	0.5
S-19	07/01/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	20.10	5.50	14.60	---	1.7
S-19	10/08/2003	58	<0.50	<0.50	<0.50	<1.0	---	<0.50	20.10	6.63	13.47	---	0.4
S-19	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.10	5.67	14.43	---	0.6
S-19	07/13/2004	---	---	---	---	---	---	---	20.10	6.82	13.28	---	1.0
S-19	01/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.10	4.75	15.35	---	0.6

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
S-19	07/19/2005	---	---	---	---	---	---	---	20.10	5.15	14.95	---	---
S-19	01/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	20.10	4.85	15.25	---	---
S-19	07/25/2006	---	---	---	---	---	---	---	20.10	6.14	13.96	---	---
S-19	01/04/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.10	5.75	14.35	---	---
S-19	07/24/2007	---	---	---	---	---	---	---	20.10	6.39	13.71	---	---
S-19	01/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	20.10	4.72	15.38	---	---
S-19	08/04/2008	---	---	---	---	---	---	---	20.10	6.43	13.67	---	---
S-19	01/08/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.10	6.18	13.92	---	---
S-19	07/21/2009	---	---	---	---	---	---	---	20.10	6.67	13.43	---	---
S-19	01/12/2010 j	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.10	6.14	13.96	---	---
S-19	07/22/2010	---	---	---	---	---	---	---	20.10	5.73	14.37	---	---
S-19	02/01/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.10	5.39	14.71	---	---
S-19	08/25/2011	---	---	---	---	---	---	---	20.10	5.20	14.90	---	---
SR-1	03/22/1989	5400	1100	230	350	1300	---	---	21.45	---	---	---	---
SR-1	01/25/1990	2200	470	120	110	510	---	---	21.45	7.53	13.92	---	---
SR-1	04/18/1990	1000	130	47	47	220	---	---	21.45	8.17	13.28	---	---
SR-1	07/23/1990	3200	470	320	170	870	---	---	21.45	7.58	13.87	---	---
SR-1	10/18/1990	1300	280	6.6	110	130	---	---	21.45	8.81	12.64	---	---
SR-1	01/28/1991	110	120	12	51	110	---	---	21.45	8.37	13.08	---	---
SR-1	04/25/1991	---	---	---	---	---	---	---	21.45	6.91	14.54	---	---
SR-1	07/09/1991	1400	200	27	130	340	---	---	21.45	8.11	13.34	---	---
SR-1	10/08/1991	980	79	1.5	44	52	---	---	21.45	8.63	12.82	---	---
SR-1	02/05/1991	3800	580	36	320	400	---	---	21.45	7.68	13.77	---	---
SR-1	04/28/1992	38000	1800	460	1900	750	---	---	21.45	7.27	14.18	---	---
SR-1	07/27/1992	---	---	---	---	---	---	---	21.45	8.11	13.34	0.01	---
SR-1	10/26/1992	1800	370	10	130	130	---	---	21.45	8.63	12.82	---	---
SR-1	01/13/1993	47000	1000	1100	1700	13000	---	---	21.45	5.46	15.99	---	---
SR-1	04/16/1993	25000	1700	430	2400	8300	---	---	21.45	6.28	15.17	---	---
SR-1	07/23/1993	33000	2400	2000	3800	14000	---	---	21.45	7.34	14.11	---	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
SR-1	10/27/1993	2300	340	<12.5	270	440	---	---	21.45	8.04	13.41	---	---
SR-1	01/27/1994	36000	2000	1700	3000	11000	---	---	21.45	6.68	14.77	---	---
SR-1	05/05/1994	43000	1500	130	2900	12000	---	---	20.57	6.81	13.76	---	---
SR-1	07/26/1994	13600	682.7	39.2	996.6	2516	---	---	20.57	7.38	13.19	---	---
SR-1	10/28/1994	8462	301.5	29.3	384.7	2019	---	---	20.57	7.48	13.09	---	---
SR-1	01/02/1995	13000	400	120	2500	10000	---	---	20.57	6.34	14.23	---	---
SR-1	04/14/1995	43000	690	370	2500	12000	---	---	20.57	5.29	15.28	---	---
SR-1	07/28/1995	35000	760	120	2300	8100	---	---	20.57	6.36	14.21	---	---
SR-1	10/17/1995	9700	310	12	610	1200	---	---	20.57	6.62	13.95	---	---
SR-1 (D)	10/17/1995	8300	230	9.6	680	840	---	---	20.57	---	---	---	---
SR-1	01/11/1996	18000	410	170	1200	4400	42	---	20.57	5.66	14.91	---	---
SR-1 (D)	01/11/1996	17000	420	180	1100	4000	42	---	20.57	---	---	---	---
SR-1	04/02/1996	---	---	---	---	---	---	---	20.57	5.14	15.43	---	---
SR-1	07/09/1996	Well inaccessible	---	---	---	---	---	---	20.57	---	---	---	---
SR-1	10/10/1996	Well inaccessible	---	---	---	---	---	---	20.57	---	---	---	---
SR-1	01/09/1997	Well inaccessible	---	---	---	---	---	---	20.57	---	---	---	---
SR-1	04/08/1997	Well inaccessible	---	---	---	---	---	---	20.57	---	---	---	---
SR-1	07/21/1997	Well inaccessible	---	---	---	---	---	---	20.57	---	---	---	---
SR-1	10/08/1997	---	---	---	---	---	---	---	20.57	6.94	13.63	---	---
SR-1	01/15/1998	8100	82	<25	36	2300	<125	---	20.57	4.30	16.27	---	---
SR-1	04/14/1998	Well inaccessible	---	---	---	---	---	---	20.57	---	---	---	---
SR-1	07/14/1998	---	---	---	---	---	---	---	20.28	6.48	13.80	---	---
SR-1	10/20/1998	---	---	---	---	---	---	---	20.28	6.61	13.67	---	---
SR-1	01/22/1999	Well inaccessible	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	04/08/1999	---	---	---	---	---	---	---	20.28	0.97	19.31	---	---
SR-1	07/23/1999	Well dry	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	10/26/1999	Well dry	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	04/14/2000	Obstruction in well	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	07/12/2000	Obstruction in well	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	11/01/2000	Obstruction in well	---	---	---	---	---	---	20.28	---	---	---	---

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>SPH Thickness (ft)</i>	<i>DO Reading (mg/L)</i>
SR-1	01/03/2001	Obstruction in well		---	---	---	---	---	20.28	---	---	---	---
SR-1	04/24/2001	Obstruction in well		---	---	---	---	---	20.28	---	---	---	---
SR-1	07/02/2001	Obstruction in well		---	---	---	---	---	20.28	---	---	---	---
SR-1	11/02/2001	Well dry	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	01/16/2002	Well dry	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	04/01/2002	Obstruction in well		---	---	---	---	---	20.28	---	---	---	---
SR-1	07/11/2002	Obstruction in well		---	---	---	---	---	20.28	---	---	---	---
SR-1	10/28/2002	Obstruction in well		---	---	---	---	---	20.27	---	---	---	---
SR-1	01/23/2003	Obstruction in well		---	---	---	---	---	20.27	---	---	---	---
SR-1	04/30/2003	Obstruction in well		---	---	---	---	---	20.27	---	---	---	---
SR-1	07/01/2003	Obstruction in well		---	---	---	---	---	20.27	---	---	---	---
SR-1	10/08/2003	Well dry	---	---	---	---	---	---	20.27	---	---	---	---
SV-1	04/15/1998 b	---	---	---	---	---	---	---	---	6.02	---	---	---
SV-1	04/15/1998 c	---	---	---	---	---	---	---	---	7.15	---	---	---
SV-1	01/22/2004	3000	15	<2.5	34	11	---	<2.5	21.31	6.67	14.64	---	---

Notes:

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to April 24, 2001, analyzed by EPA Method 8015 unless otherwise noted.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to April 24, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary-butyl ether analyzed by method noted

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

MSL = Mean sea level

mg/L = Milligrams per liter

ft = Feet

(D) = Duplicate sample

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg</i> (µg/L)	<i>B</i> (µg/L)	<i>T</i> (µg/L)	<i>E</i> (µg/L)	<i>X</i> (µg/L)	<i>MTBE</i> <i>8020</i> (µg/L)	<i>MTBE</i> <i>8260</i> (µg/L)	<i>TOC</i> (ft MSL)	<i>Depth to</i> <i>Water</i> (ft TOC)	<i>GW</i> <i>Elevation</i> (ft MSL)	<i>SPH</i> <i>Thickness</i> (ft)	<i>DO</i> <i>Reading</i> (mg/L)
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<x = Not detected at reporting limit x

--- = Not analyzed or available

a = Chromatogram pattern indicated an unidentified hydrocarbon.

b = Pre-development measurement

c = Post-development measurement

f = TOC lowered 0.08 feet due to wellhead maintenance on June 3, 2004.

g = Analyzed by EPA Method 8015B (M).

h = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

i = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

j = Purge sample

Wells S-11, S-12, S-14, S-15 and SV-1 surveyed March 18, 2002 by Virgil Chavez Land Surveying

APPENDIX E

GEOTRACKER UPLOAD CONFIRMATION RECEIPTS

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

<u>Submittal Type:</u>	EDF - Monitoring Report - Semi-Annually
<u>Submittal Title:</u>	3Q11 GW Monitoring
<u>Facility Global ID:</u>	T0600100108
<u>Facility Name:</u>	ARCO #0601
<u>File Name:</u>	11081981.zip
<u>Organization Name:</u>	Broadbent & Associates, Inc.
<u>Username:</u>	BROADBENT-C
<u>IP Address:</u>	67.118.40.90
<u>Submittal Date/Time:</u>	10/14/2011 12:11:42 PM
<u>Confirmation Number:</u>	2421101391

[VIEW QC REPORT](#)

[VIEW DETECTIONS REPORT](#)

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

<u>Submittal Type:</u>	GEO_WELL
<u>Submittal Title:</u>	3Q11 GEO_WELL 601
<u>Facility Global ID:</u>	T0600100108
<u>Facility Name:</u>	ARCO #0601
<u>File Name:</u>	GEO_WELL.zip
<u>Organization Name:</u>	Broadbent & Associates, Inc.
<u>Username:</u>	BROADBENT-C
<u>IP Address:</u>	67.118.40.90
<u>Submittal Date/Time:</u>	10/14/2011 12:14:16 PM
<u>Confirmation Number:</u>	3281869471