Atlantic Richfield Company

Shannon Couch
Operations Project Manager

PO Box 1257
San Ramon, CA 94583
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E-Mail: shannon.couch@bp.com

RECEIVED

9:05 am, May 01, 2012

Alameda County
Environmental Health

April 15, 2012

Re: First Quarter 2012 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
875 Cotting Ln., Suite G, Vacaville, CA 95688
[T] 707-455-7290 [F] 707-455-7295
broadbentinc.com

April 15, 2012

Project No. 06-88-605

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

Attn.: Ms. Shannon Couch

Re: First Quarter 2012 Monitoring Report, Atlantic Richfield Company Station #601,
712 Lewelling Boulevard, San Leandro, Alameda County, California;
ACEH Case #RO0000309

Dear Ms. Couch:

Attached is the *First Quarter 2012 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.

Alexander J. Martinez
Senior Staff Geologist

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

enclosures

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

FIRST QUARTER 2012
MONITORING REPORT
ATLANTIC RICHFIELD COMPANY STATION #601
SAN LEANDRO, CALIFORNIA

Broadbent & Associates, Inc. (Broadbent) is pleased to present this *First Quarter 2012 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
Broadbent Contact:	Tom Sparrowe, P.G., (707) 455-7290
Broadbent 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 (First Quarter 2012):

1. Submitted *Fourth Quarter 2011 Quarterly Status Report* on January 31, 2012.
2. Broadbent conducted First Quarter groundwater sampling/monitoring on January 17, 2012. Station #601work coordinated with Former Shell Station #129460 monitoring event.

WORK SCHEDULED FOR NEXT QUARTER (Second Quarter 2012):

1. Submit *First Quarter 2012 Quarterly Monitoring Report* (contained herein).
2. No environmental work is scheduled for Second Quarter 2012.

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	(1Q & 3Q)
	MW-2, MW-8, MW-9, MW-14, MW-15, and MW-19	(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:	6.88 ft (MW-15) to 10.04 ft (MW-14)	(ft below TOC)
Gradient direction:	Southwest	(compass direction)
Gradient magnitude:	0.003	(ft/ft)
Average change in elevation:	- 0.51	(ft since last measurement)

Laboratory Analytical Data

Summary: GRO were detected above reporting limits in wells MW-1, MW-3, MW-16, MW-17, and MW-18. Benzene was detected above reporting limits in wells MW-1, MW-16, and MW-17. MTBE was detected above reporting limits in wells MW-10 and MW-18. Ethylbenzene was detected above reporting limits in wells MW-1, MW-3, MW-16, and MW-17. Toluene was detected above reporting limits in wells MW-1, MW-16 and MW-17. Xylenes were detected above reporting limits in wells MW-1, MW-3, MW-16 and MW-17.

ACTIVITIES CONDUCTED & RESULTS:

First Quarter 2012 groundwater monitoring was conducted on January 17, 2012 by Broadbent 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 well MW-1. Depth to water measurements ranged from 6.88 ft at MW-15 to 10.04 ft at MW-14. Resulting groundwater surface elevations ranged from 14.84 ft at MW-15 to 16.30 ft at MW-13. 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 January 17, 2012 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.

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.

Hydrocarbons in the GRO range were detected above the laboratory reporting limit in five wells sampled at concentrations up to 14,000 micrograms per liter (µg/L) in well MW-3. Benzene was detected above the laboratory reporting limit in three wells sampled at concentrations up to 72 µg/L in well MW-17. Toluene was detected above the laboratory reporting limit in three wells sampled at concentrations up to 13µg/L in MW-17. Ethylbenzene was detected above the laboratory reporting limit in four wells at concentrations up to 330 µg/L in well MW-3. Total Xylenes were detected above the laboratory reporting limit in four wells sampled at concentrations up to 640 µg/L in well MW-3. MTBE was detected above the laboratory reporting limit in two wells sampled at concentrations up to 2.5 µg/L in well MW-18. TAME was detected above the laboratory reporting limit in one well sampled at a concentration of 1.9 µg/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 11 µg/L, 150 µg/L, 240 µg/L and 43 µg/L, respectively. The remaining analytes were not detected above their laboratory reporting limits in the wells sampled this last monitoring event. Isoconcentration contour maps showing the distribution of GRO and Benzene in groundwater are presented as Drawings 3 and 4, respectively.

DISCUSSION:

Groundwater levels were between historic minimum and maximum elevations for all wells. 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-1 had a historic minimum concentration of GRO at 3,100 µg/L. GRO concentrations decreased in MW-16 (2,800 µg/L to 1,300 µg/L), MW-17 (5,500 µg/L to 4,000 µg/L), and MW-18 (640 µg/L to 140 µg/L) relative to the Third Quarter 2011. MW-16 through MW-18 showed a decrease in Benzene with MW-18 measuring no detection relative to the Third Quarter 2011. Toluene decreased in MW-16 (17 µg/L to 3.8 µg/L). MW-1 and MW-16 through MW-18 all showed a decrease in Ethylbenzene concentrations relative to the Third Quarter 2011. MW-1, MW-16, and MW-17 showed a decrease in Total Xylenes relative to the Third Quarter 2011. MTBE decreased in MW-18 (4.9 µg/L to 2.5 µg/L) relative to the Third Quarter 2011. 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 Second Quarter 2012. The next quarterly monitoring event is scheduled for the Third 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, January 17, 2012
Drawing 3: GRO Isoconcentration Contour Map
Drawing 4: Benzene 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
ARC:	Atlantic Richfield Company
BAI:	Broadbent & Associates, Inc.
BTEX:	Benzene, Toluene, Ethylbenzene, Total Xylenes
1,2-DCA:	1,2-Dichloroethane
DIPE:	Di-Isopropyl Ether
EDB:	1,2-Dibromomethane
ft/ft:	feet per foot
gal:	gallons
GRO:	Gasoline Range Organics (C6-12)
LNAPL:	Light Non-Aqueous Phase Liquid
MTBE:	Methyl Tertiary Butyl Ether
SVOCs	Semi-Volatile Organic Compounds
TAME:	Tert-Amyl Methyl Ether
TBA:	Tert-Butyl Alcohol
TOC:	Top of Casing
µg/L:	Micrograms Per Liter

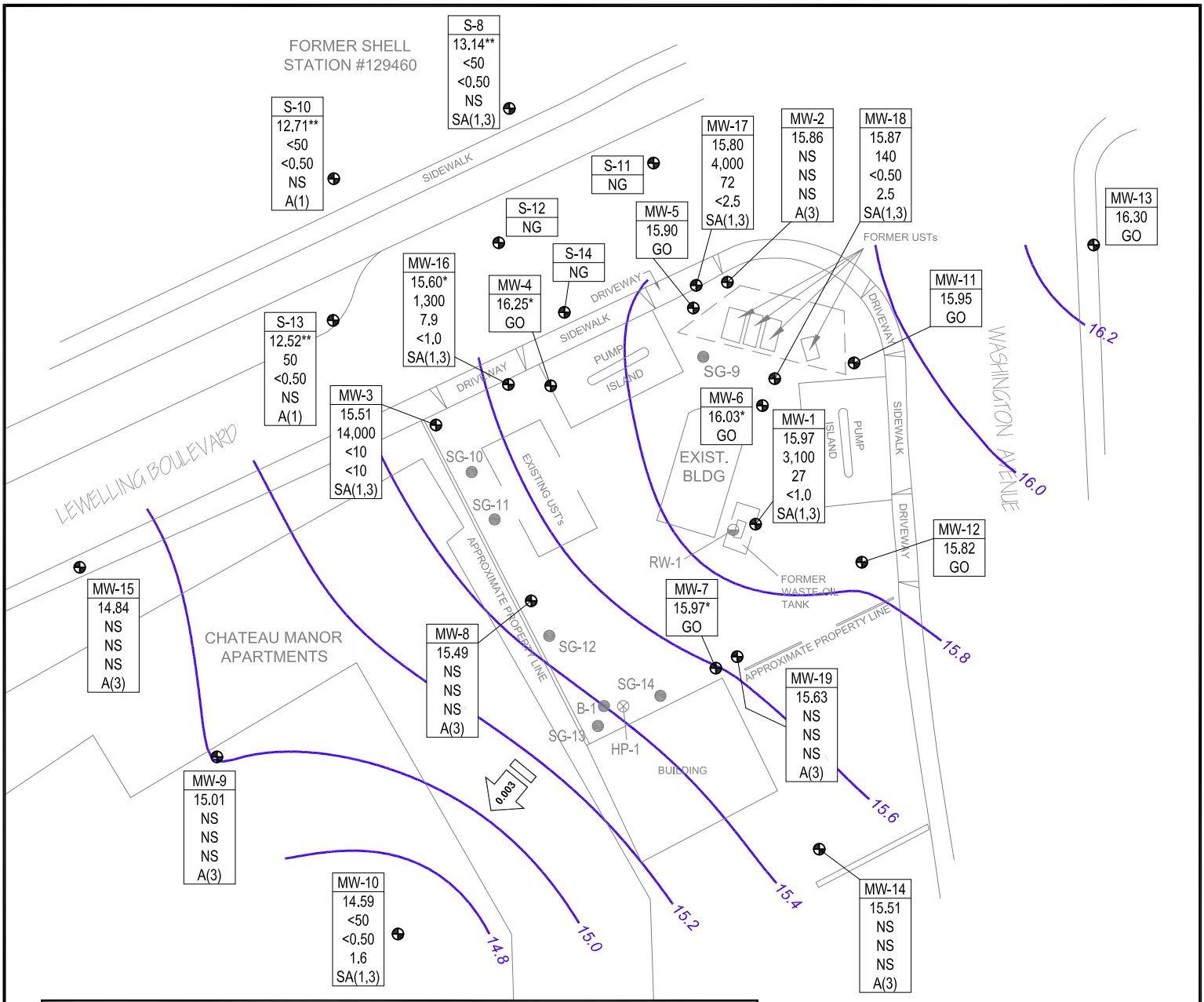
IMAGE SOURCE: USGS

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
1324 Mangrove Ave. Suite 212, Chico, CA 95926
Project No.: 06-88-605 Date: 07/31/09

Station #601
712 Lewelling Boulevard
San Leandro, California

Site Location Map

Drawing
1



LEGEND

- Monitor Well Location
- Soil-Gas Boring/Temporary Vapor Implant Location
- Soil Vapor Extraction Well Location
- Hydropunch Location
- Grab-Groundwater Sample Location
- Groundwater Elevation Contour (Feet Above Site Datum)
- 0.003 — Groundwater Flow Direction and Gradient (ft/ft)
- * Elevation Not Used in Contouring
- ** Shell Wells Not Used in Contouring Monitored 1/17/2012

WELL	Well Designation
ELEV	Groundwater Elevation (ft)
GRO BZ MTBE	GRO, Benzene, and MTBE Concentrations (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
NM/NS	Not Monitored/Not Sampled

N

0 60 120

SCALE (ft)

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

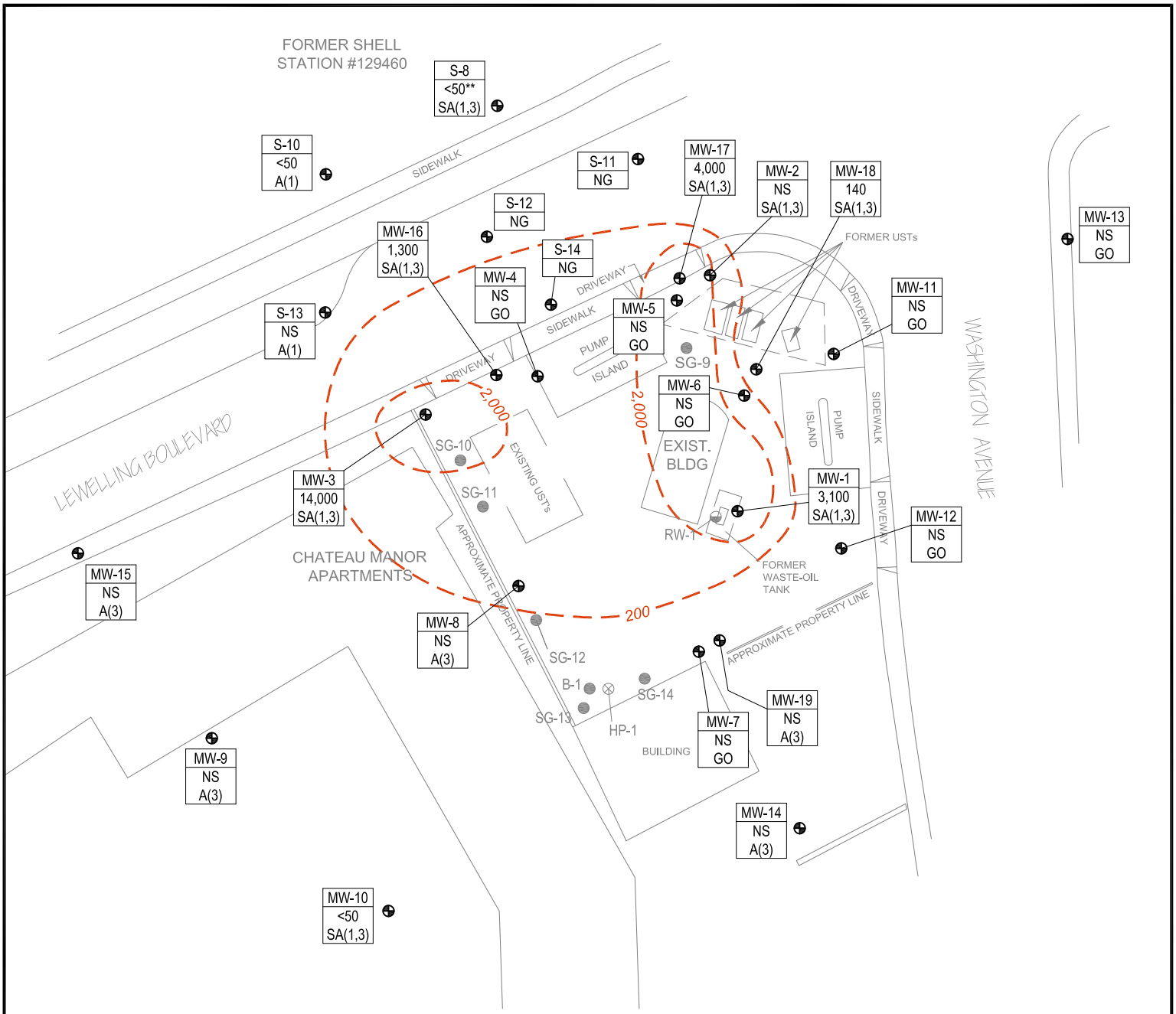
BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
1324 Mangrove Ave. Suite 212, Chico, California

Project No.: 06-88-605 Date: 4/2/2012

Station #601
712 Lewelling Boulevard
San Leandro, California

Groundwater Elevation Contours and Analytical Summary Map
January 17, 2012

Drawing
2



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)

WELLID	Well Designation
GRO	GRO 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

N

0 60 120

SCALE (ft)

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

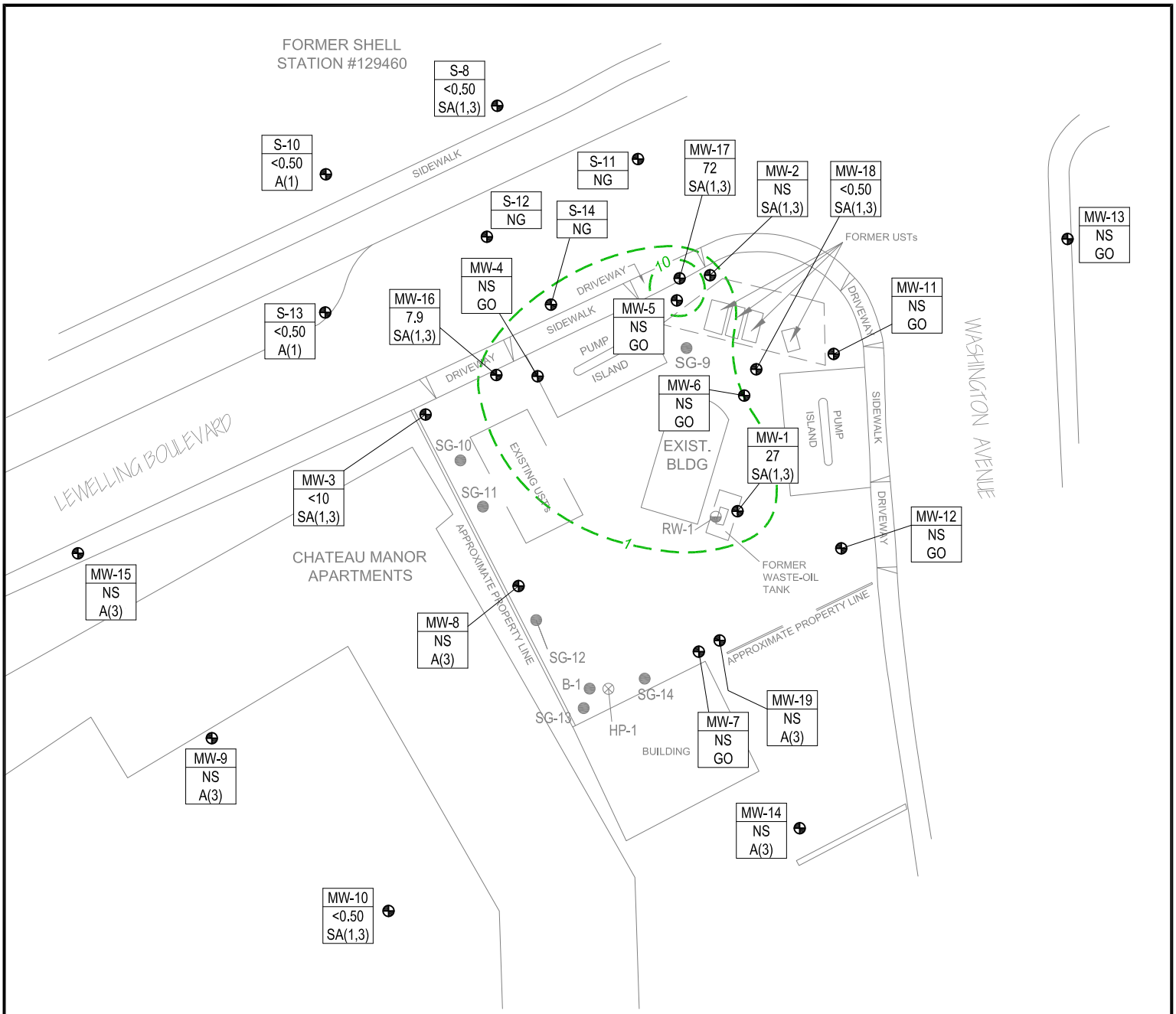
BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
1324 Mangrove Ave. Suite 212, Chico, California

Project No.: 06-88-605 Date: 3/29/2012

Station #601
712 Lewelling Boulevard
San Leandro, California

GRO Isoconcentration Contour Map
January 17, 2012

Drawing
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)

WELLID
BZ
A/SA

- 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

N

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: 3/29/2012

Station #601
712 Lewelling Boulevard
San Leandro, California

Benzene Isoconcentration Contour Map
January 17, 2012

Drawing
4

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	
1/17/2012	P		7.00	12.00	8.81	15.97	***3,100***	*27*	1.8	***48***	2.0	<1.0	444	0.36	6.65	x (GRO)
MW-2																
7/18/1990	--	22.06	8.00	12.00	7.86	14.20	***35,000***	***3,800***	***2,900***	***690***	***3,600***	--	--	--	--	

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-2 Cont.																
10/15/1990	--	22.06	8.00	12.00	8.61	13.45	***6,400***	***650***	***290***	***110***	***560***	--	--	--	--	
1/9/1991	--		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	--	--	--	--	--	--	--	--	--	

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.																
11/19/1997	--	21.12	8.00	12.00	7.70	13.42	--	--	--	--	--	--	--	--	--	
2/19/1998	--		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

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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-2 Cont.																
11/04/2004	--	23.87	8.00	12.00	7.30	16.57	--	--	--	--	--	--	--	--	--	
01/10/2005	--		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)
1/17/2012	--		8.00	12.00	8.01	15.86	--	--	--	--	--	--	--	--	--	
MW-3																
7/18/1990	--	20.84	8.00	12.00	7.03	13.81	--	--	--	--	--	--	--	--	--	

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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.																
10/15/1990	--	20.84	8.00	12.00	8.19	12.65	--	--	--	--	--	--	--	--	--	i, l
1/9/1991	--		8.00	12.00	7.46	13.38	--	--	--	--	--	--	--	--	--	i, l
4/16/1991	--		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*	--	--	--	

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.																
11/19/1997	--	22.99	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*	--	--	--	
4/23/1998	--		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

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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.																
11/04/2004	--	22.63	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	
01/10/2005	P		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	
1/17/2012	P		8.00	12.00	7.12	15.51	***14,000***	*<10*	<10	***330***	***640***	*<10*	--	0.26	7.01	
MW-4																

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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-4 Cont.																
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
6/8/1992	--		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	--	

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.																
7/27/1998	--	22.38	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	--	
5/6/1999	--		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	

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.																
08/02/2005	NP	23.32	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	
04/28/2006	NP		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	--	--	--	--	--	--	--	--	--	
1/17/2012	--		6.00	9.00	7.07	16.25	--	--	--	--	--	--	--	--	--	
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***	--	--	--	--	

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.																
9/15/1992	--	20.90	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
8/17/1993	--		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	--	

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.																
8/23/1999	--	22.45	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*	--	--	--	
9/29/2000	--		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	

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.																
8/4/2006	NP	23.47	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	
7/9/2007	NP		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	--	--	--	--	--	--	--	--	--	
1/17/2012	--		6.00	10.50	7.57	15.90	--	--	--	--	--	--	--	--	--	
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***	--	--	--	--	

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.																
8/17/1993	--	22.08	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
11/20/1994	--		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

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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.																
9/29/2000	--	22.77	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
12/27/2001	--		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	--	--	--	--	--	--	--	--	--	

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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.																
4/17/2007	NP	24.66	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	
7/23/2008	--		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	--	--	--	--	--	--	--	--	--	
1/17/2012	--		5.50	9.00	8.63	16.03	--	--	--	--	--	--	--	--	--	
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	--	--	--	--	

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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.																
5/5/1994	--	22.89	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	--	--	--	
11/27/1995	--		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	--	--	--	

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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-7 Cont.																
6/20/2001	--	22.89	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	--	--	--	--	--	--	--	--	--	
10/16/2002	--		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	--	--	--	--	--	--	--	--	--	

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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-7 Cont.																
4/1/2008	--	25.46	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
1/12/2010	--		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	--	--	--	--	--	--	--	--	--	
1/17/2012	--		8.00	10.00	9.49	15.97	--	--	--	--	--	--	--	--	--	
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

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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-8 Cont.																
6/1/1995	--	20.97	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*	--	--	--	
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*	--	--	--	

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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.																
4/18/2002	--	20.89	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	--	--	--	
01/12/2004	NP		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	--	--	--	--	--	--	--	--	--	

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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.																
4/21/2009	--	23.55	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	
1/17/2012	--		6.50	10.50	8.06	15.49	--	--	--	--	--	--	--	--	--	
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	--	--	--	--	--	--	--	--	--	

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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.																
2/19/1998	--	22.26	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	--	
6/20/2000	--		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	--	--	--	--	--	--	--	--	--	

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-9 Cont.																
01/10/2005	--	23.64	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	--	--	--	--	--	--	--	--	--	
4/17/2007	--		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	
1/17/2012	--		6.00	19.50	8.63	15.01	--	--	--	--	--	--	--	--	--	
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	--	--	--	--	

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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-10 Cont.																
11/8/1993	--	21.12	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	--	--	--	
5/20/1996	--		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	--	--	--	

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.																
12/17/2000	--	21.33	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
4/7/2003	--		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	

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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-10 Cont.																
10/1/2007	--	23.42	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	--	--	--	--	--	--	--	--	--	
7/22/2010	NP		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	
1/17/2012	P		6.00	16.50	8.83	14.59	<50	<0.50	<0.50	<0.50	<0.50	1.6	--	0.61	7.6	
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	--	--	--	--	

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.																
2/22/1996	--	22.38	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	--	--	--	--	--	--	--	--	--	
10/14/1998	--		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	--	--	--	--	--	--	--	--	--	

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.																
1/23/2003	P	20.97	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	--	--	--	--	--	--	--	--	--	
10/21/2005	--		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	--	--	--	--	--	--	--	--	--	

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.																
6/3/2010	--	24.97	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	--	--	--	--	--	--	--	--	--	
1/17/2012	--		7.00	12.00	9.07	15.90	--	--	--	--	--	--	--	--	--	
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	--	--	--	--	
5/5/1994	--		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	--	--	--	

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.																
4/23/1998	--	20.11	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	--	--	--	
6/20/2001	--		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	--	--	--	--	--	--	--	--	--	

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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-12 Cont.																
04/14/2005	--	25.32	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	--	--	--	--	--	--	--	--	--	
4/1/2008	--		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	--	--	--	--	--	--	--	--	--	
1/17/2012	--		7.50	12.50	9.50	15.82	--	--	--	--	--	--	--	--	--	
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	--	--	--	--	

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.																
8/17/1993	--	22.45	--	--	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	--	--	--	--	--	--	--	--	--	
11/20/1996	--		--	--	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	--	--	--	--	--	--	--	--	--	

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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-13 Cont.																
9/29/2000	--	20.75	--	--	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	--	--	--	--	--	--	--	--	--	
10/23/2003	P		--	--	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	--	--	--	--	--	--	--	--	--	

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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-13 Cont.																
7/9/2007	--	25.01	--	--	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	--	--	--	--	--	--	--	--	--	
8/25/2011	--		--	--	8.20	16.81	--	--	--	--	--	--	--	--	--	
1/17/2012	--		--	--	8.71	16.30	--	--	--	--	--	--	--	--	--	
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	--	--	--	--	--	--	--	--	--	

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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-14 Cont.																
8/31/1995	--	22.99	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	--	
1/21/1999	--		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	--	--	--	

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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-14 Cont.																
7/23/2002	NP	20.90	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	--	--	--	--	--	--	--	--	--	
01/04/2006	--		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	--	--	--	--	--	--	--	--	--	

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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.																
7/21/2009	NP	25.55	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	
1/17/2012	--		7.50	13.50	10.04	15.51	--	--	--	--	--	--	--	--	--	
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	--	--	--	--	
3/17/1995	--		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*	--	--	--	

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.																
4/23/1998	--	22.08	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	--	--	--	--	--	--	--	--	--	
3/15/2002	--		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	--	--	--	--	--	--	--	--	--	

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.																
04/14/2005	--	21.72	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	--	--	--	--	--	--	--	--	--	
1/21/2009	--		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	
1/17/2012	--		5.50	10.50	6.88	14.84	--	--	--	--	--	--	--	--	--	
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	

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-16 Cont.																
7/22/2010	NP	22.89	--	--	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	
1/17/2012	P		--	--	7.29	15.60	***1,300***	*7.9*	3.8	***66***	*48*	<1.0	--	0.42	7.30	
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	
1/17/2012	P		--	--	7.62	15.80	***4,000***	***72***	13	***180***	***360***	<2.5	--	0.36	7.35	
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	--	--	--	--	--	--	--	--	--	
7/22/2010	NP		--	--	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)
1/17/2012	P		--	--	8.61	15.87	*140*	<0.50	<0.50	<0.50	<0.50	2.5	--	0.45	7.5	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	

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

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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-19 Cont.																
1/17/2012	--	25.10	--	--	9.47	15.63	--	--	--	--	--	--	--	--	--	
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) + (free product (FP) thickness x 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 proceedures
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*	
1/17/2012	<600	*<20*	<1.0	<1.0	<1.0	<1.0	*<1.0*	*<1.0*	
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*	--	--	--	--	--	

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.									
8/19/1997	--	--	*<600*	--	--	--	--	--	
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*	

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.									
04/14/2005	<5,000	*<1,000*	*<25*	<25	<25	<25	*<25*	*<25*	
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*	
1/17/2012	<6,000	*<200*	*<10*	<10	<10	<10	*<10*	*<10*	
MW-4									
8/31/1995	--	--	*<100*	--	--	--	--	--	
2/22/1996	--	--	*<20*	--	--	--	--	--	
5/20/1996	--	--	*<100*	--	--	--	--	--	
8/26/1996	--	--	*<100*	--	--	--	--	--	
11/20/1996	--	--	<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-4 Cont.									
3/24/1997	--	--	*<50*	--	--	--	--	--	
5/23/1997	--	--	*<60*	--	--	--	--	--	
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*	

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.									
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*	
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*	--	--	--	--	--	

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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.									
7/27/1998	--	--	*<600*	--	--	--	--	--	
10/14/1998	--	--	*<300*	--	--	--	--	--	
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*	

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.									
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
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*	--	--	--	--	--	

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.									
12/27/2001	--	--	<2.5	--	--	--	--	--	
3/15/2002	--	--	*<25*	--	--	--	--	--	
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	--	--	--	--	--	

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.									
7/27/1998	--	--	<3	--	--	--	--	--	
10/14/1998	--	--	<3	--	--	--	--	--	
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*	--	--	--	--	--	

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.									
3/24/1997	--	--	*1,300*	--	--	--	--	--	
5/23/1997	--	--	*630*	--	--	--	--	--	
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*	

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.									
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*	
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*	

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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.									
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*	
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	--	--	--	--	--	

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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-10 Cont.									
3/15/2002	--	--	<2.5	--	--	--	--	--	
4/18/2002	--	--	3.8	--	--	--	--	--	
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*	
1/17/2012	<300	<10	1.6	<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*	--	--	--	--	--	

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-11 Cont.									
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*	
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	--	--	--	--	--	

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-13 Cont.									
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-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*	

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.									
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*	
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*	

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.									
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*	
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*	
1/17/2012	600	*<20*	<1.0	<1.0	<1.0	<1.0	*<1.0*	*<1.0*	
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*	
1/17/2012	<1,500	*<50*	<2.5	<2.5	<2.5	<2.5	*<2.5*	*<2.5*	
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*	

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-18 Cont.									
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*	
1/17/2012	<300	<10	2.5	<0.50	<0.50	1.9	<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*	
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
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
1/17/2012	**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

QUALITY ASSURANCE/QUALITY CONTROL
FIELD METHODS

Field methods discussed herein were implemented to provide for accuracy and reliability of field activities, data collection, sample collection, and handling. Discussion of these methods is provided below.

1.0 Equipment Calibration

Equipment calibration was performed per equipment manufacturer specifications before use.

2.0 Depth to Groundwater and Light Non-Aqueous Phase Liquid Measurement

Depth to groundwater was measured in wells identified for gauging in the scope of work using a decontaminated water level indicator. The depth to water measurement was taken from a cut notch or permanent mark at the top of the well casing to which the well head elevation was originally surveyed.

Once depth to water was measured, an oil/water interface meter or a new disposable bailer was utilized to evaluate the presence and, if present, to measure the "apparent" thickness of light non-aqueous phase liquid (LNAPL) in the well. If LNAPL was present in the well, groundwater purging and sampling were not performed, unless sampling procedures in the scope of work specified collection of samples in the presence of LNAPL. Otherwise, time allowing, LNAPL was bailed from the well using either a new disposable bailer, or the disposal bailer previously used for initial LNAPL assessment. Bailing of LNAPL continued until the thickness of LNAPL (or volume) stabilized in each bailer pulled from the well, or LNAPL was no longer present. After LNAPL thickness either stabilized or was eliminated, periodic depth to water and depth to LNAPL measurements were collected as product came back into the well to evaluate product recovery rate and to aid in further assessment of LNAPL in the subsurface. LNAPL thickness measurements were recorded as "apparent." If a bailer was used for LNAPL thickness measurement, the field sampler noted the bailer entry diameter and chamber diameter to enable correction of thickness measurements. Recovered LNAPL was stored on-site in a labeled steel drum(s) or other appropriate container(s) prior to disposal.

3.0 Well Purging and Groundwater Sample Collection

Well purging and groundwater sampling were performed in wells specified in the scope of work after measuring depth to groundwater and evaluating the presence of LNAPL. Purging and sampling were performed using one of the methods detailed below. The method used was noted in the field records. Purge water was stored on-site in labeled steel drum(s) or other appropriate container(s) prior to disposal or on-site treatment (in cases where treatment using an on-site system is authorized).

3.1 Purging a Predetermined Well Volume

Purging a predetermined well volume is performed per ASTM International (ASTM) D4448-01. This purging method has the objective of removing a predetermined volume of stagnant water from the well prior to sampling. The volume of stagnant water

is defined as either the volume of water contained within the well casing, or the volume within the well casing and sand/gravel in the annulus if natural flow through these is deemed insufficient to keep them flushed out.

This purging method involves removal of a minimum of three stagnant water volumes from the well using a decontaminated pump with new disposable plastic discharge or suction tubing, dedicated well tubing, or using a new disposable or decontaminated reusable bailer. If a new disposable bailer was used for assessment of LNAPL, that bailer may be used for purging. The withdrawal rate used is one that minimizes drawdown while satisfying time constraints.

To evaluate when purging is complete, one or more groundwater stabilization parameters are monitored and recorded during purging activities until stabilization is achieved. Most commonly, stabilization parameters include temperature, conductivity, and pH, but field procedures detailed in the scope of work may also include monitoring of dissolved oxygen concentrations, oxidation reduction potential, and/or turbidity[1]. Parameters are considered stable when two (2) consecutive readings recorded three (3) minutes apart fall within ranges provided below in Table 1. In the event that the parameters have not stabilized and five (5) well casing volumes have been removed, purging activities will cease and be considered complete. Once the well is purged, a groundwater sample(s) is collected from the well using a new disposable bailer. If a new disposable bailer was used for purging, that bailer may be used to collect the sample(s). A sample is not collected if the well is inadvertently purged dry.

Table 1. Criteria for Defining Stabilization of Water-Quality Indicator Parameters

Parameter	Stabilization Criterion
Temperature	± 0.2ºC (± 0.36ºF)
pH	± 0.1 standard units
Conductivity	± 3%
Dissolved oxygen	± 10%
Oxidation reduction potential	± 10 mV
Turbidity[1]	± 10% or 1.0 NTU (whichever is greater)

3.2 Low-Flow Purging and Sampling

“Low-Flow”, “Minimal Drawdown”, or "Low-Stress” purging is performed per ASTM D6771-02. It is a method of groundwater removal from within a well’s screened interval that is intended to minimize drawdown and mixing of the water column in the well casing. This is accomplished by pumping the well using a decontaminated pump with new disposable plastic discharge or suction tubing or dedicated well tubing at a low flow rate while evaluating the groundwater elevation during pumping.

[1] As stated in ASTM D6771-02, turbidity is not a chemical parameter and not indicative of when formation-quality water is being purged; however, turbidity may be helpful in evaluating stress on the formation during purging. Turbidity measurements are taken at the same time that stabilization parameter measurements are made, or, at a minimum, once when purging is initiated and again just prior to sample collection, after stabilization parameters have stabilized. To avoid artifacts in sample analysis, turbidity should be as low as possible when samples are collected. If turbidity values are persistently high, the withdrawal rate is lowered until turbidity decreases. If high turbidity persists even after lowering the withdrawal rate, the purging is stopped for a period of time until turbidity settles, and the purging process is then restarted. If this fails to solve the problem, the purging/sampling process for the well is ceased, and well maintenance or redevelopment is considered.

The low flow pumping rate is well specific and is generally established at a volume that is less than or equal to the natural recovery rate of the well. A pump with adjustable flow rate control is positioned with the intake at or near the mid-point of the submerged well screen. The pumping rate used during low-flow purging is low enough to minimize mobilization of particulate matter and drawdown (stress) of the water column. Low-flow purging rates will vary based on the individual well characteristics; however, the purge rate should not exceed 1.0 Liter per minute (L/min) or 0.25 gallon per minute (gal/min). Low-flow purging should begin at a rate of approximately 0.1 L/min (0.03 gal/min)[2], or the lowest rate possible, and be adjusted based on an evaluation of drawdown. Water level measurements should be recorded at approximate one (1) to two (2) minute intervals until the low-flow rate has been established, and drawdown is minimized. As a general rule, drawdown should not exceed 25% of the distance between the top of the water column and the pump in-take.

To evaluate when purging is complete, one or more groundwater stabilization parameters are monitored and recorded during purging activities until stabilization is achieved. Most commonly, stabilization parameters include temperature, conductivity, and pH, but field procedures detailed in the scope of work may also include monitoring of dissolved oxygen concentrations, oxidation reduction potential, and/or turbidity[1]. The frequency between measurements will be at an interval of one (1) to three (3) minutes; however, if a flow cell is used, the frequency will be determined based on the time required to evacuate one cell volume. Stabilization is defined as three (3) consecutive readings recorded several minutes apart falling within ranges provided in Table 1. Samples will be collected by filling appropriate containers from the pump discharge tubing at a rate not to exceed the established pumping rate.

3.3 Minimal Purge, Discrete Depth, and Passive Sampling

Per ASTM D4448-01, sampling techniques that do not rely on purging, or require only minimal purging, may be used if a particular zone within a screened interval is to be sampled or if a well is not capable of yielding sufficient groundwater for purging. To properly use these sampling techniques, a water sample is collected within the screened interval with little or no mixing of the water column within the casing. These techniques include minimal purge sampling which uses a dedicated sampling pump capable of pumping rates of less than 0.1 L/min (0.03 gal/min)[2], discrete depth sampling using a bailer that allows groundwater entry at a controlled depth (e.g. differential pressure bailer), or passive (diffusion) sampling. These techniques are based on certain studies referenced in ASTM D4448-01 that indicate that under certain conditions, natural groundwater flow is laminar and horizontal with little or no mixing within the well screen.

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[2] According to ASTM D4448-01, studies have indicated that at flow rates of 0.1 L/min, low-density polyethylene (LDPE) and plasticized polypropylene tubing materials are prone to sorption. Therefore, TFE-fluorocarbon or other appropriate tubing material is used, particularly when tubing lengths of 50 feet or longer are used.

4.0 Decontamination

Reusable groundwater sampling equipment were cleaned using a solution of Alconox or other acceptable detergent, rinsed with tap water, and finally rinsed with distilled water prior to use in each well. Decontamination water was stored on-site in labeled steel drum(s) or other appropriate container(s) prior to disposal.

5.0 Sample Containers, Labeling, and Storage

Samples were collected in laboratory prepared containers with appropriate preservative (if preservative was required). Samples were properly labeled (site name, sample I.D., sampler initials, date, and time of collection) and stored chilled (refrigerator or ice chest with ice) until delivery to a certified laboratory, under chain of custody procedures.

6.0 Chain of Custody Record and Procedure

The field sampler was personally responsible for care and custody of the samples collected until they were properly transferred to another party. To document custody and transfer of samples, a Chain of Custody Record was prepared. The Chain of Custody Record provided identification of the samples corresponding to sample labels and specified analyses to be performed by the laboratory. The original Chain of Custody Record accompanied the shipment, and a copy of the record was stored in the project file. When the samples were transferred, the individuals relinquishing and receiving them signed, dated, and noted the time of transfer on the record.

7.0 Field Records

Daily Report and data forms were completed by staff personnel to provide daily record of significant events, observations, and measurements. Field records were signed, dated, and stored in the project file.

APPENDIX B

FIELD DATA SHEETS
AND
NON-HAZARDOUS WASTE DATA FORM

BROADBENT & ASSOCIATES, INC.
ENVIRONMENTAL, WATER RESOURCES & ENGINEERING

GROUNDWATER MONITORING SITE SHEET

Project: BP 1001 Project No.: 06-88605 Date: 1/17/12

Field Representative: SB & JM Elevation: _____

Formation recharge rate is historically: High Low *(circle one)*

W. L. Indicator ID #: _____ Oil/Water Interface ID #: _____ *(List #s of all equip used.)*

WELL ID RECORD					WELL GAUGING RECORD					LAB ANALYSES						
Well ID	Well Sampling Order	As-Built Well Diameter (inches)	As-Built Well Screen Interval (ft)	Previous Depth to Water (ft)	Time (24:00)	Depth to LNAPL (ft)	Apparent LNAPL Thickness (ft)*	Depth to Water (ft)	Well Total Depth (ft)							
MW-1					1400	—	—	8.81	11.15							
MW-2					1220	—	—	8.01	10.90							
MW-3					1332	—	—	7.12	12.00							
MW-4					1256	—	—	7.07	8.45							
MW-6					1106	—	—	8.63	8.65							
MW-7					1049	—	—	9.49	9.63							
MW-8					1053	—	—	8.06	10.59							
MW-9					1017	—	—	8.63	16.20							
MW-10					0946	—	—	8.83	15.10							
MW-11					1101	—	—	9.07	11.80							
MW-12					1058	—	—	9.50	12.95							
MW-13					1035	—	—	8.71	12.95							
MW-14					1043	—	—	10.09	12.96							
MW-15					1023	—	—	6.88	10.03							
MW-16					1203	—	—	7.29	15.20							
MW-17					1226	—	—	7.62	15.00							
MW-18					1113	—	—	8.61	14.70							
MW-19					1046	—	—	9.47	15.00							
MW-5					1221	—	—	7.57	10.12							

* Device used to measure LNAPL thickness: Bailer Oil/Water Interface Meter *(circle one)*

If bailer used, note bailer dimensions (inches): Entry Diameter _____ Chamber Diameter _____

Signature: _____

Revision: 8/19/11

BROADBENT & ASSOCIATES, INC.
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GROUNDWATER SAMPLING DATA SHEET

Page 1 of 1

Project: BP 601 Project No.: 06-88665 Date: 1/17/12

Field Representative: SIB & JOR

Well ID: MW-1 Start Time: 1400 End Time: 1425 Total Time (minutes): 25

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump ___ Flow Cell ___ Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:

Good Improvement Needed *(circle one)*

PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

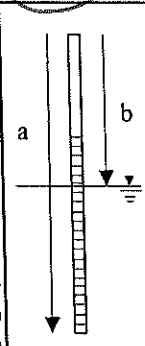
PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other: ___" | ( )

(4" | (0.66)) 6" | (1.50) 8" | (2.60) 12" | (5.81)

Total Well Depth (a):	11.15 (ft)
Initial Depth to Water (b):	8.81 (ft)
Water Column Height (WCH) = (a - b):	2.34 (ft)
Water Column Volume (WCV) = WCH x Unit Volume:	1.54 (gal)
Three Casing Volumes = WCV x 3:	4.62 (gal)
Five Casing Volumes = WCV x 5:	7.70 (gal)
Pump Depth (if pump used):	(ft)



LOW-FLOW

Previous Low-Flow Purge Rate:	(gpm)
Total Well Depth (a):	11.15 (ft)
Initial Depth to Water (b):	8.81 (ft)
Pump In-take Depth = b + (a-b)/2:	9.98 (ft)
Maximum Allowable Drawdown = (a-b)/8:	0.29 (ft)
Low-Flow Purge Rate:	0.17 (gpm)*

Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Volume (~~gal~~ L)	Temperature (° C)	pH	Conductivity (µS)	Other DO	ORP	NOTES Odor, color, sheen, turbidity, or other
1407	0	18.6	6.75	997.2	0.96	15	NSW
1410	0.5	20.0	6.67	990.1	0.63	-24	9.07
1413	1.0	19.9	6.67	993.1	0.42	-44	
1416	1.5	20.1	6.65	992.7	0.36	-49	
							Sheen / strong HC odor
Previous Stabilized Parameters							

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes ___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: ___ (ft)

Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing X Disp. Pump Tubing Other:

Sample ID: MW-1 Sample Collection Time: 1420 (24:00)

Containers (#): 6 VOA (X preserved or ___ unpreserved) ___ Liter Amber

___ Other: ___ ___ Other: ___

___ Other: ___ ___ Other: ___

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)	1416	0.36
Ferrous Iron (mg/L)		
Redox Potential (mV)	1416/1999	-49
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

Revision: 8/19/11

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GROUNDWATER SAMPLING DATA SHEET

Page 1 of 1

Project: BP 601 Project No.: 06-83605 Date: 1/17/12

Field Representative: SB & JR

Well ID: MW-3 Start Time: 1330 End Time: 1355 Total Time (minutes): 25

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump ___ Flow Cell
___ Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:
(Good) Improvement Needed *(circle one)*

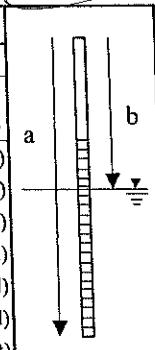
PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:
(4" | (0.66)) 6" | (1.50) 8" | (2.60) 12" | (5.81) "| ( )

Total Well Depth (a): 12.00 (ft)
Initial Depth to Water (b): 7.12 (ft)
Water Column Height (WCH) = (a - b): 4.88 (ft)
Water Column Volume (WCV) = WCH x Unit Volume: 3.22 (gal)
Three Casing Volumes = WCV x 3: 9.66 (gal)
Five Casing Volumes = WCV x 5: 16.10 (gal)
Pump Depth (if pump used): (ft)



LOW-FLOW

Previous Low-Flow Purge Rate: (gpm)
Total Well Depth (a): 12.00 (ft)
Initial Depth to Water (b): 7.12 (ft)
Pump In-take Depth = b + (a-b)/2: 9.56 (ft)
Maximum Allowable Drawdown = (a-b)/8: 0.61 (ft)
Low-Flow Purge Rate: 0.17 (gpm)*
Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Volume (gal)	Temperature (°C)	pH	Conductivity (µS)	Other DO	ORP	NOTES Odor, color, sheen, turbidity, or other
1330	0	15.6	8.04	750.1	1.29	74	Dtw 7.27
1341	0.5	16.6	7.49	738.9	0.63	33	
1344	1.0	16.8	7.09	737.7	0.36	15	
1347	1.5	16.7	7.01	737.6	0.26	3	Dtw 7.42
Previous Stabilized Parameters							

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes
___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: (ft)
Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing
X Disp. Pump Tubing Other:
Sample ID: MW-3 Sample Collection Time: 1350 (24:00)
Containers (#): 6 VOA (X preserved or ___ unpreserved) 1 Liter Amber
___ Other: ___ Other:
___ Other: ___ Other:

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)	1347	0.26
Ferrous Iron (mg/L)		
Redox Potential (mV)	1347	3
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

Revision: 8/19/11

BROADBENT & ASSOCIATES, INC.
ENVIRONMENTAL, WATER RESOURCES & ENGINEERING

GROUNDWATER SAMPLING DATA SHEET

Page 1 of 1

Project: BP 401 Project No.: 06-88-605 Date: 1/17/12

Field Representative: SB & JR

Well ID: MW-10 Start Time: 0940 End Time: 1020 Total Time (minutes): 40

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump ___ Flow Cell ___ Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:
(Good) Improvement Needed *(circle one)*

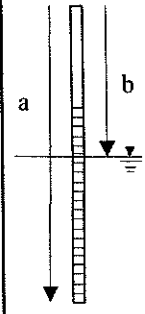
PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:
(4" | (0.66)) 6" | (1.50) 8" | (2.60) 12" | (5.81) ___" | (___)

Total Well Depth (a):	15.10 (ft)
Initial Depth to Water (b):	8.83 (ft)
Water Column Height (WCH) = (a - b):	6.27 (ft)
Water Column Volume (WCV) = WCH x Unit Volume:	4.14 (gal)
Three Casing Volumes = WCV x 3:	12.42 (gal)
Five Casing Volumes = WCV x 5:	20.70 (gal)
Pump Depth (if pump used):	(ft)



LOW-FLOW

Previous Low-Flow Purge Rate:	(gpm)
Total Well Depth (a):	15.10 (ft)
Initial Depth to Water (b):	8.83 (ft)
Pump In-take Depth = b + (a-b)/2:	11.97 (ft)
Maximum Allowable Drawdown = (a-b)/8:	0.78 (ft)
Low-Flow Purge Rate:	0.17 (gpm)*

Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Volume (~~gal~~)	Temperature (°C)	pH	Conductivity (µS)	Other DO	ORP	NOTES Odor, color, sheen, turbidity, or other
0956	0	15.6	8.4	1276	1.17	215	DTW 8.98
0959	0.5	17.3	7.8	1253	0.98	212	9.00
1003	1.0	17.4	7.7	1257	0.70	197	9.02
1006	1.5	17.4	7.6	1251	0.61	185	9.09
Previous Stabilized Parameters							

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes ___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: 9.09 (ft)

Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing
X Disp. Pump Tubing Other:

Sample ID: ___ Sample Collection Time: 1015 (24:00)

Containers (#): 6 VOA (X preserved or ___ unpreserved) ___ Liter Amber
___ Other: ___ ___ Other: ___
___ Other: ___ ___ Other: ___

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)	1006	0.61
Ferrous Iron (mg/L)		
Redox Potential (mV)	1006	185
Alkalinity (mg/L)		
Other:		
Other:		

Signature: ___

Revision: 8/19/11

BROADBENT & ASSOCIATES, INC.
ENVIRONMENTAL, WATER RESOURCES & ENGINEERING

GROUNDWATER SAMPLING DATA SHEET

Page 1 of 1

Project: BP 601 Project No 06-88-605 Date: 1/17/12

Field Representative: JR/SB

Well ID: MW-10 Start Time: 1301 End Time: 1328 Total Time (minutes): 27

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump ___ Flow Cell ___ Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:

(Good) Improvement Needed *(circle one)*

PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

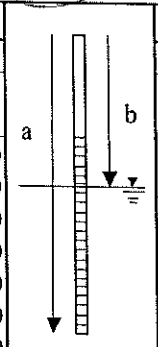
PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:

(4" | (0.66)) 6" | (1.50) 8" | (2.60) 12" | (5.81) ___" | (___)

Total Well Depth (a):	15.20 (ft)
Initial Depth to Water (b):	7.29 (ft)
Water Column Height (WCH) = (a - b):	7.91 (ft)
Water Column Volume (WCV) = WCH x Unit Volume:	5.22 (gal)
Three Casing Volumes = WCV x 3:	15.66 (gal)
Five Casing Volumes = WCV x 5:	26.10 (gal)
Pump Depth (if pump used):	(ft)



LOW-FLOW

Previous Low-Flow Purge Rate:	(gpm)
Total Well Depth (a):	15.20 (ft)
Initial Depth to Water (b):	7.29 (ft)
Pump In-take Depth = b + (a-b)/2:	11.25 (ft)
Maximum Allowable Drawdown = (a-b)/8:	0.99 (ft)
Low-Flow Purge Rate:	0.17 (gpm)*

Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Volume (gal)	Temperature (°C)	pH	Conductivity (µS)	Other DO	ORP	NOTES Odor, color, sheen, turbidity, or other
1309	0	16.8	8.01	1484	0.92	98	DTW
1312	0.5	17.2	7.54	1457	0.65	79	
1315	1.0	17.4	7.32	1451	0.44	57	7.55
1318	1.5	17.4	7.30	1449	0.42	53	
Previous Stabilized Parameters							

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes ___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: ___ (ft)

Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing X Disp. Pump Tubing Other:

Sample ID: MW-10 Sample Collection Time: 1325 (24:00)

Containers (#): 6 VOA (X preserved or ___ unpreserved) ___ Liter Amber

___ Other: ___ Other:

___ Other: ___ Other:

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)	1318	0.42
Ferrous Iron (mg/L)		
Redox Potential (mV)	1318	53
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

Revision: 8/19/11

BROADBENT & ASSOCIATES, INC.
ENVIRONMENTAL, WATER RESOURCES & ENGINEERING

GROUNDWATER SAMPLING DATA SHEET

Project: ISP 601 Project No.: 00-88-605 Date: 1/17/12

Field Representative: JR/SB

Well ID: MW-17 Start Time: 1220 End Time: 1257 Total Time (minutes): 37

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump ___ Flow Cell ___ Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:

Good Improvement Needed *(circle one)*

PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

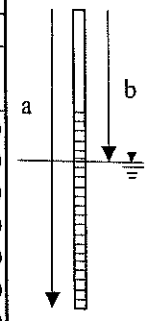
PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:

4" | (0.66) 6" | (1.50) 8" | (2.60) 12" | (5.81) ___" | (___)

Total Well Depth (a):	15.00 (ft)
Initial Depth to Water (b):	7.62 (ft)
Water Column Height (WCH) = (a - b):	7.38 (ft)
Water Column Volume (WCV) = WCH x Unit Volume:	4.87 (gal)
Three Casing Volumes = WCV x 3:	14.61 (gal)
Five Casing Volumes = WCV x 5:	24.35 (gal)
Pump Depth (if pump used):	___ (ft)



LOW-FLOW

Previous Low-Flow Purge Rate:	___ (gpm)
Total Well Depth (a):	15.00 (ft)
Initial Depth to Water (b):	7.62 (ft)
Pump In-take Depth = b + (a-b)/2:	11.31 (ft)
Maximum Allowable Drawdown = (a-b)/8:	0.92 (ft)
Low-Flow Purge Rate:	___ (gpm)*
Comments:	

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Volume (gal)	Temperature (°C)	pH	Conductivity (µS)	Other DO	ORP	NOTES Odor, color, sheen, turbidity, or other
1237	0	14.8	9.1	1751	1.03	217	DTW 7.20
1240	0.5	17.3	8.2	1746	0.93	134	7.15
1243	1.0	17.8	7.59	1736	0.38	69	7.15
1246	1.5	17.8	7.35	1735	0.36	42	7.85
Previous Stabilized Parameters							

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes ___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: 7.85 (ft)

Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing X Disp. Pump Tubing Other:

Sample ID: MW-17 Sample Collection Time: 1255 (24:00)

Containers (#): 6 VOA (X preserved or ___ unpreserved) ___ Liter Amber

___ Other: ___ ___ Other: ___

___ Other: ___ ___ Other: ___

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)	1246	0.36
Ferrous Iron (mg/L)		
Redox Potential (mV)	1246	42
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

BROADBENT & ASSOCIATES, INC.
ENVIRONMENTAL, WATER RESOURCES & ENGINEERING

GROUNDWATER SAMPLING DATA SHEET

Page 1 of 1

Project: BP 601 Project No.: 06-38-605 Date: 1/17/12

Field Representative: SB & JR

Well ID: MW-18 Start Time: 1110 End Time: 1135 Total Time (minutes): 25

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump ___ Flow Cell ___ Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:

(Good) Improvement Needed *(circle one)*

PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:

(4" | (0.66)) 6" | (1.50) 8" | (2.60) 12" | (5.81) "| ( )

Total Well Depth (a): 14.70 (ft)

Initial Depth to Water (b): 8.61 (ft)

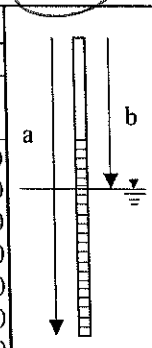
Water Column Height (WCH) = (a - b): 6.09 (ft)

Water Column Volume (WCV) = WCH x Unit Volume: 4.02 (gal)

Three Casing Volumes = WCV x 3: 12.06 (gal)

Five Casing Volumes = WCV x 5: 20.10 (gal)

Pump Depth (if pump used): (ft)



LOW-FLOW

Previous Low-Flow Purge Rate: (gpm)

Total Well Depth (a): 14.70 (ft)

Initial Depth to Water (b): 8.61 (ft)

Pump In-take Depth = b + (a-b)/2: 11.66 (ft)

Maximum Allowable Drawdown = (a-b)/8: 0.76 (ft)

Low-Flow Purge Rate: 0.17 (gpm)*

Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Volume (gal)	Temperature (°C)	pH	Conductivity (µS)	Other DO	ORP	NOTES Odor, color, sheen, turbidity, or other
1118	0	16.7	7.9	1425	0.86	221	DTW 8.65
1120	0.5	18.2	7.5	1421	0.72	227	8.71
1123	1.0	18.7	7.5	1413	0.55	226	8.75
1125	1.5	18.7	7.5	1427	0.45	227	8.78
Previous Stabilized Parameters							

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes ___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: 8.76 (ft)

Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing X Disp. Pump Tubing Other:

Sample ID: MW-18 Sample Collection Time: 1135 (24:00)

Containers (#): 6 VOA (X preserved or ___ unpreserved) ___ Liter Amber

___ Other: ___ Other:

___ Other: ___ Other:

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)	1125	0.45
Ferrous Iron (mg/L)		
Redox Potential (mV)	1125	227
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

Revision: 8/19/11

NO. 689974

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)

BP 601
712 Lewelling Blvd
San Leandro, CA 94579

Generator's Phone: 949-460-5200

Container type removed from site:

☐ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck

☐ Other _____

Quantity 2.5

Container type transported to receiving facility:

☐ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck

☐ Other _____

Quantity _____ Volume _____

WASTE DESCRIPTION NON-HAZARDOUS WATER

GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%
2. TPH		<1%

COMPONENTS OF WASTE	PPM	%
3.		
4.		

Waste Profile _____ PROPERTIES: pH 7-10 ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

Generator Printed/Typed Name: James Ramos | Signature: James Ramos | Month: 1 | Day: 17 | Year: 12

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BROADBENT & ASSOCIATES, INC> | Phone#: ~~530-666-1400~~ 707-455-7290

Transporter 1 Printed/Typed Name: James Ramos | Signature: James Ramos | Month: 1 | Day: 17 | Year: 12

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: | Phone#:

Transporter 2 Printed/Typed Name: | Signature: | Month: | Day: | Year:

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address

INSTRAT, INC.
1105 AIRPORT RD.
RIO VISTA, CA 94571

Phone# 530-753-1629

Printed/Typed Name: | Signature: | Month: | Day: | Year:

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

APPENDIX C

LABORATORY REPORT
AND CHAIN-OF-CUSTODY DOCUMENTATION

Calscience Environmental Laboratories, Inc.

CALSCIENCE

WORK ORDER NUMBER: 12-01-1192

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 02/3/2012 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.

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 01/20/12
Work Order No: 12-01-1192
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: BP 601

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	**12-01-1192-1-E**	**01/17/12 14:20**	**Aqueous**	**GC 4**	**01/21/12**	**01/22/12 00:29**	**120121B01**

Comment(s): -LW Quantitated against Gasoline.

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	3100	250	5		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	75	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3	**12-01-1192-2-D**	**01/17/12 13:50**	**Aqueous**	**GC 4**	**01/21/12**	**01/22/12 01:00**	**120121B01**

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	14000	1000	20		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	72	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-10	**12-01-1192-3-D**	**01/17/12 10:15**	**Aqueous**	**GC 4**	**01/21/12**	**01/21/12 18:51**	**120121B01**

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

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	72	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16	**12-01-1192-4-D**	**01/17/12 13:25**	**Aqueous**	**GC 4**	**01/21/12**	**01/21/12 19:22**	**120121B01**

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	1300	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	75	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 01/20/12
Work Order No: 12-01-1192
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: BP 601

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-17	**12-01-1192-5-D**	**01/17/12 12:55**	**Aqueous**	**GC 4**	**01/21/12**	**01/21/12 19:53**	**120121B01**

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	4000	50	1		ug/L

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

MW-18	**12-01-1192-6-D**	**01/17/12 11:35**	**Aqueous**	**GC 4**	**01/21/12**	**01/21/12 20:54**	**120121B01**

Comment(s): -LW Quantitated against Gasoline.

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	140	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	74	38-134	

Method Blank	**099-12-695-1,247**	**N/A**	**Aqueous**	**GC 4**	**01/21/12**	**01/21/12 10:18**	**120121B01**

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

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	73	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Broadbent & Associates, Inc	Date Received:	01/20/12
875 Cotting Lane, Suite G	Work Order No:	12-01-1192
Vacaville, CA 95688-9299	Preparation:	EPA 3510C
	Method:	EPA 8270C
	Units:	ug/L

Project: BP 601

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	**12-01-1192-1-G**	**01/17/12 14:20**	**Aqueous**	**GC/MS TT**	**01/20/12**	**01/25/12 14:08**	**120120L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acenaphthene	ND	10	1		Dimethyl Phthalate	ND	10	1	
Acenaphthylene	ND	10	1		2,4-Dimethylphenol	ND	10	1	
Anthracene	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
Benzidine	ND	50	1		2,4-Dinitrophenol	ND	50	1	
Benzo (a) Anthracene	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
Benzo (a) Pyrene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
Benzo (b) Fluoranthene	ND	10	1		Fluoranthene	ND	10	1	
Benzo (g,h,i) Perylene	ND	10	1		Fluorene	ND	10	1	
Benzo (k) Fluoranthene	ND	10	1		Hexachloro-1,3-Butadiene	ND	10	1	
Benzoic Acid	ND	50	1		Hexachlorobenzene	ND	10	1	
Benzyl Alcohol	ND	10	1		Hexachloroethane	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Isophorone	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		2-Methylnaphthalene	240	10	1	
Bis(2-Ethylhexyl) Phthalate	11	10	1		1-Methylnaphthalene	150	10	1	
4-Bromophenyl-Phenyl Ether	ND	10	1		2-Methylphenol	ND	10	1	
Butyl Benzyl Phthalate	ND	10	1		3/4-Methylphenol	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		N-Nitroso-di-n-propylamine	ND	10	1	
4-Chloroaniline	ND	10	1		N-Nitrosodimethylamine	ND	10	1	
2-Chloronaphthalene	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
2-Chlorophenol	ND	10	1		Naphthalene	43	10	1	
4-Chlorophenyl-Phenyl Ether	ND	10	1		4-Nitroaniline	ND	10	1	
Chrysene	ND	10	1		3-Nitroaniline	ND	10	1	
Di-n-Butyl Phthalate	ND	10	1		2-Nitroaniline	ND	10	1	
Di-n-Octyl Phthalate	ND	10	1		Nitrobenzene	ND	25	1	
Dibenz (a,h) Anthracene	ND	10	1		4-Nitrophenol	ND	10	1	
Dibenzofuran	ND	10	1		2-Nitrophenol	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Pentachlorophenol	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		Phenanthrene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Phenol	ND	10	1	
3,3'-Dichlorobenzidine	ND	25	1		Pyrene	ND	10	1	
2,6-Dichlorophenol	ND	10	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	
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
2-Fluorobiphenyl	85	50-110			2-Fluorophenol	60	20-110		
Nitrobenzene-d5	77	40-110			p-Terphenyl-d14	94	50-135		
Phenol-d6	40	10-115			2,4,6-Tribromophenol	118	40-125		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Broadbent & Associates, Inc	Date Received:	01/20/12
875 Cotting Lane, Suite G	Work Order No:	12-01-1192
Vacaville, CA 95688-9299	Preparation:	EPA 3510C
	Method:	EPA 8270C
	Units:	ug/L

Project: BP 601

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-671-20**	**N/A**	**Aqueous**	**GC/MS TT**	**01/20/12**	**01/20/12 18:45**	**120120L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acenaphthene	ND	10	1		Dimethyl Phthalate	ND	10	1	
Acenaphthylene	ND	10	1		2,4-Dimethylphenol	ND	10	1	
Anthracene	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
Benzidine	ND	50	1		2,4-Dinitrophenol	ND	50	1	
Benzo (a) Anthracene	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
Benzo (a) Pyrene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
Benzo (b) Fluoranthene	ND	10	1		Fluoranthene	ND	10	1	
Benzo (g,h,i) Perylene	ND	10	1		Fluorene	ND	10	1	
Benzo (k) Fluoranthene	ND	10	1		Hexachloro-1,3-Butadiene	ND	10	1	
Benzoic Acid	ND	50	1		Hexachlorobenzene	ND	10	1	
Benzyl Alcohol	ND	10	1		Hexachloroethane	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Isophorone	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		2-Methylnaphthalene	ND	10	1	
Bis(2-Ethylhexyl) Phthalate	ND	10	1		1-Methylnaphthalene	ND	10	1	
4-Bromophenyl-Phenyl Ether	ND	10	1		2-Methylphenol	ND	10	1	
Butyl Benzyl Phthalate	ND	10	1		3/4-Methylphenol	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		N-Nitroso-di-n-propylamine	ND	10	1	
4-Chloroaniline	ND	10	1		N-Nitrosodimethylamine	ND	10	1	
2-Chloronaphthalene	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
2-Chlorophenol	ND	10	1		Naphthalene	ND	10	1	
4-Chlorophenyl-Phenyl Ether	ND	10	1		4-Nitroaniline	ND	10	1	
Chrysene	ND	10	1		3-Nitroaniline	ND	10	1	
Di-n-Butyl Phthalate	ND	10	1		2-Nitroaniline	ND	10	1	
Di-n-Octyl Phthalate	ND	10	1		Nitrobenzene	ND	25	1	
Dibenz (a,h) Anthracene	ND	10	1		4-Nitrophenol	ND	10	1	
Dibenzofuran	ND	10	1		2-Nitrophenol	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Pentachlorophenol	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		Phenanthrene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Phenol	ND	10	1	
3,3'-Dichlorobenzidine	ND	25	1		Pyrene	ND	10	1	
2,6-Dichlorophenol	ND	10	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	
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
2-Fluorobiphenyl	80	50-110			2-Fluorophenol	65	20-110		
Nitrobenzene-d5	88	40-110			p-Terphenyl-d14	98	50-135		
Phenol-d6	43	10-115			2,4,6-Tribromophenol	112	40-125		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 01/20/12
Work Order No: 12-01-1192
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: BP 601

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	**12-01-1192-1-B**	**01/17/12 14:20**	**Aqueous**	**GC/MS L**	**01/26/12**	**01/30/12 18:47**	**120130L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	27	1.0	2		Methyl-t-Butyl Ether (MTBE)	ND	1.0	2	
1,2-Dibromoethane	ND	1.0	2		Tert-Butyl Alcohol (TBA)	ND	20	2	
1,2-Dichloroethane	ND	1.0	2		Diisopropyl Ether (DIPE)	ND	1.0	2	
Ethylbenzene	48	1.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	2	
Toluene	1.8	1.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	2	
Xylenes (total)	2.0	1.0	2		Ethanol	ND	600	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	100	68-120			Dibromofluoromethane	100	80-127		
1,2-Dichloroethane-d4	104	80-128			Toluene-d8	103	80-120		

MW-3	**12-01-1192-2-B**	**01/17/12 13:50**	**Aqueous**	**GC/MS L**	**01/26/12**	**01/30/12 19:14**	**120130L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	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	330	10	20		Ethyl-t-Butyl Ether (ETBE)	ND	10	20	
Toluene	ND	10	20		Tert-Amyl-Methyl Ether (TAME)	ND	10	20	
Xylenes (total)	640	10	20		Ethanol	ND	6000	20	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	100	68-120			Dibromofluoromethane	97	80-127		
1,2-Dichloroethane-d4	106	80-128			Toluene-d8	101	80-120		

MW-10	**12-01-1192-3-A**	**01/17/12 10:15**	**Aqueous**	**GC/MS FFF**	**01/26/12**	**01/26/12 20:19**	**120126L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	1.6	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	100	68-120			Dibromofluoromethane	105	80-127		
1,2-Dichloroethane-d4	109	80-128			Toluene-d8	100	80-120		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 01/20/12
Work Order No: 12-01-1192
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: BP 601

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-16	**12-01-1192-4-B**	**01/17/12 13:25**	**Aqueous**	**GC/MS L**	**01/26/12**	**01/30/12 19:42**	**120130L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	7.9	1.0	2		Methyl-t-Butyl Ether (MTBE)	ND	1.0	2	
1,2-Dibromoethane	ND	1.0	2		Tert-Butyl Alcohol (TBA)	ND	20	2	
1,2-Dichloroethane	ND	1.0	2		Diisopropyl Ether (DIPE)	ND	1.0	2	
Ethylbenzene	66	1.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	2	
Toluene	3.8	1.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	2	
Xylenes (total)	48	1.0	2		Ethanol	ND	600	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	101	68-120			Dibromofluoromethane	97	80-127		
1,2-Dichloroethane-d4	105	80-128			Toluene-d8	101	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-17	**12-01-1192-5-B**	**01/17/12 12:55**	**Aqueous**	**GC/MS L**	**01/26/12**	**01/30/12 20:09**	**120130L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	72	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	180	2.5	5		Ethyl-t-Butyl Ether (ETBE)	ND	2.5	5	
Toluene	13	2.5	5		Tert-Amyl-Methyl Ether (TAME)	ND	2.5	5	
Xylenes (total)	360	2.5	5		Ethanol	ND	1500	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	100	68-120			Dibromofluoromethane	95	80-127		
1,2-Dichloroethane-d4	100	80-128			Toluene-d8	101	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-18	**12-01-1192-6-B**	**01/17/12 11:35**	**Aqueous**	**GC/MS L**	**01/26/12**	**01/30/12 20:37**	**120130L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	2.5	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)	1.9	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	99	68-120			Dibromofluoromethane	100	80-127		
1,2-Dichloroethane-d4	102	80-128			Toluene-d8	103	80-120		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Broadbent & Associates, Inc	Date Received:	01/20/12
875 Cotting Lane, Suite G	Work Order No:	12-01-1192
Vacaville, CA 95688-9299	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L

Project: BP 601

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-703-2,012**	**N/A**	**Aqueous**	**GC/MS FFF**	**01/26/12**	**01/26/12 19:51**	**120126L01**

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	100	68-120			Dibromofluoromethane	106	80-127		
1,2-Dichloroethane-d4	109	80-128			Toluene-d8	100	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-703-2,015**	**N/A**	**Aqueous**	**GC/MS L**	**01/30/12**	**01/30/12 12:22**	**120130L01**

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	95	68-120			Dibromofluoromethane	88	80-127		
1,2-Dichloroethane-d4	98	80-128			Toluene-d8	98	80-120		

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 01/20/12
Work Order No: 12-01-1192
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-01-1178-1	**Aqueous**	**GC 4**	**01/21/12**	**01/21/12**	**120121S01**

Parameter	SPIKE ADDED	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	2000	77	77	38-134	0	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 01/20/12
Work Order No: 12-01-1192
Preparation: EPA 5030C
Method: EPA 8260B

Project BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-10	**Aqueous**	**GC/MS FFF**	**01/26/12**	**01/26/12**	**120126S01**

Parameter	SPIKE ADDED	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	10.00	105	106	76-124	1	0-20	
Carbon Tetrachloride	10.00	105	109	74-134	4	0-20	
Chlorobenzene	10.00	103	103	80-120	0	0-20	
1,2-Dibromoethane	10.00	105	106	80-120	1	0-20	
1,2-Dichlorobenzene	10.00	107	106	80-120	2	0-20	
1,2-Dichloroethane	10.00	106	107	80-120	1	0-20	
Ethylbenzene	10.00	102	103	78-126	1	0-20	
Toluene	10.00	103	105	80-120	1	0-20	
Trichloroethene	10.00	103	105	77-120	2	0-20	
Methyl-t-Butyl Ether (MTBE)	10.00	111	113	67-121	2	0-49	
Tert-Butyl Alcohol (TBA)	50.00	21	209	36-162	45	0-30	LN,LM,BA,AY
Diisopropyl Ether (DIPE)	10.00	113	115	60-138	1	0-45	
Ethyl-t-Butyl Ether (ETBE)	10.00	111	113	69-123	2	0-30	
Tert-Amyl-Methyl Ether (TAME)	10.00	105	107	65-120	2	0-20	
Ethanol	100.0	106	99	30-180	6	0-72	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 01/20/12
Work Order No: 12-01-1192
Preparation: EPA 5030C
Method: EPA 8260B

Project BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-01-1431-7	**Aqueous**	**GC/MS L**	**01/30/12**	**01/30/12**	**120130S01**

Parameter	SPIKE ADDED	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	10.00	101	98	76-124	3	0-20	
Carbon Tetrachloride	10.00	103	103	74-134	0	0-20	
Chlorobenzene	10.00	101	101	80-120	0	0-20	
1,2-Dibromoethane	10.00	98	99	80-120	2	0-20	
1,2-Dichlorobenzene	10.00	96	99	80-120	3	0-20	
1,2-Dichloroethane	10.00	98	100	80-120	1	0-20	
Ethylbenzene	10.00	102	101	78-126	1	0-20	
Toluene	10.00	100	101	80-120	1	0-20	
Trichloroethene	10.00	100	97	77-120	3	0-20	
Methyl-t-Butyl Ether (MTBE)	10.00	95	97	67-121	2	0-49	
Tert-Butyl Alcohol (TBA)	50.00	171	142	36-162	19	0-30	LM.AY
Diisopropyl Ether (DIPE)	10.00	99	99	60-138	1	0-45	
Ethyl-t-Butyl Ether (ETBE)	10.00	93	94	69-123	0	0-30	
Tert-Amyl-Methyl Ether (TAME)	10.00	97	99	65-120	2	0-20	
Ethanol	100.0	112	109	30-180	3	0-72	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Broadbent & Associates, Inc	Date Received:	N/A
875 Cotting Lane, Suite G	Work Order No:	12-01-1192
Vacaville, CA 95688-9299	Preparation:	EPA 5030C
	Method:	EPA 8015B (M)

Project: BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-695-1,247	**Aqueous**	**GC 4**	**01/21/12**	**01/21/12**	**120121B01**

Parameter	SPIKE ADDED	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	2000	97	98	78-120	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: N/A
Work Order No: 12-01-1192
Preparation: EPA 3510C
Method: EPA 8270C

Project: BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-671-20	**Aqueous**	**GC/MS TT**	**01/20/12**	**01/20/12**	**120120L01**

Parameter	SPIKE ADDED	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Acenaphthene	200.0	81	80	45-110	34-121	1	0-11	
Acenaphthylene	200.0	77	76	50-105	41-114	1	0-20	
Anthracene	200.0	78	77	55-110	46-119	1	0-20	
Benzidine	200.0	79	86	50-130	37-143	8	0-20	
Benzo (a) Anthracene	200.0	85	86	55-110	46-119	1	0-20	
Benzo (a) Pyrene	200.0	84	74	55-110	46-119	13	0-20	
Benzo (b) Fluoranthene	200.0	79	70	45-120	32-132	12	0-20	
Benzo (g,h,i) Perylene	200.0	40	41	40-125	26-139	1	0-20	
Benzo (k) Fluoranthene	200.0	87	78	45-125	32-138	11	0-20	
Benzoic Acid	200.0	59	58	50-130	37-143	2	0-20	
Benzyl Alcohol	200.0	67	71	30-110	17-123	6	0-20	
Bis(2-Chloroethoxy) Methane	200.0	83	79	45-105	35-115	5	0-20	
Bis(2-Chloroethyl) Ether	200.0	84	86	35-110	22-122	2	0-20	
Bis(2-Chloroisopropyl) Ether	200.0	71	69	25-130	8-148	3	0-20	
Bis(2-Ethylhexyl) Phthalate	200.0	76	77	40-125	26-139	1	0-20	
4-Bromophenyl-Phenyl Ether	200.0	85	87	50-115	39-126	2	0-20	
Butyl Benzyl Phthalate	200.0	79	80	45-115	33-127	1	0-20	
4-Chloro-3-Methylphenol	200.0	78	72	45-110	34-121	7	0-40	
4-Chloroaniline	200.0	66	67	15-110	0-126	1	0-20	
2-Chloronaphthalene	200.0	83	84	50-105	41-114	1	0-20	
2-Chlorophenol	200.0	81	83	35-105	23-117	2	0-18	
4-Chlorophenyl-Phenyl Ether	200.0	79	78	50-110	40-120	2	0-20	
Chrysene	200.0	87	88	55-110	46-119	0	0-20	
Di-n-Butyl Phthalate	200.0	80	79	55-115	45-125	2	0-20	
Di-n-Octyl Phthalate	200.0	85	86	35-135	18-152	2	0-20	
Dibenz (a,h) Anthracene	200.0	50	50	40-125	26-139	0	0-20	
Dibenzofuran	200.0	83	82	55-105	47-113	1	0-20	
1,2-Dichlorobenzene	200.0	78	81	35-100	24-111	4	0-20	
1,3-Dichlorobenzene	200.0	77	78	30-100	18-112	2	0-20	
1,4-Dichlorobenzene	200.0	76	76	30-100	18-112	1	0-26	
3,3'-Dichlorobenzidine	200.0	100	98	20-110	5-125	1	0-20	
2,6-Dichlorophenol	200.0	80	80	42-120	29-133	0	0-21	
2,4-Dichlorophenol	200.0	83	83	50-105	41-114	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: N/A
Work Order No: 12-01-1192
Preparation: EPA 3510C
Method: EPA 8270C

Project: BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-671-20	**Aqueous**	**GC/MS TT**	**01/20/12**	**01/20/12**	**120120L01**

Parameter	SPIKE ADDED	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Diethyl Phthalate	200.0	77	78	40-120	27-133	1	0-20	
Dimethyl Phthalate	200.0	79	79	25-125	8-142	0	0-20	
2,4-Dimethylphenol	200.0	81	78	30-110	17-123	3	0-20	
4,6-Dinitro-2-Methylphenol	200.0	104	110	40-130	25-145	5	0-20	
2,4-Dinitrophenol	200.0	95	104	15-140	0-161	9	0-20	
2,4-Dinitrotoluene	200.0	83	81	50-120	38-132	3	0-36	
2,6-Dinitrotoluene	200.0	81	79	50-115	39-126	2	0-20	
Fluoranthene	200.0	85	84	55-115	45-125	1	0-20	
Fluorene	200.0	76	75	50-110	40-120	1	0-20	
Hexachloro-1,3-Butadiene	200.0	82	78	25-105	12-118	5	0-20	
Hexachlorobenzene	200.0	76	75	50-110	40-120	1	0-20	
Hexachloroethane	200.0	74	76	30-95	19-106	3	0-20	
Indeno (1,2,3-c,d) Pyrene	200.0	49	49	45-125	32-138	1	0-20	
Isophorone	200.0	83	80	50-110	40-120	4	0-20	
2-Methylnaphthalene	200.0	78	70	45-105	35-115	11	0-20	
1-Methylnaphthalene	200.0	83	75	80-120	73-127	9	0-20	LR
2-Methylphenol	200.0	77	79	40-110	28-122	3	0-20	
3/4-Methylphenol	400.0	63	67	30-110	17-123	6	0-20	
N-Nitroso-di-n-propylamine	200.0	81	84	35-130	19-146	3	0-13	
N-Nitrosodimethylamine	200.0	71	75	25-110	11-124	5	0-20	
N-Nitrosodiphenylamine	200.0	105	105	50-110	40-120	0	0-20	
Naphthalene	200.0	82	81	40-100	30-110	2	0-20	
4-Nitroaniline	200.0	92	93	35-120	21-134	2	0-20	
3-Nitroaniline	200.0	69	69	20-125	2-142	0	0-20	
2-Nitroaniline	200.0	80	82	50-115	39-126	3	0-20	
Nitrobenzene	200.0	79	76	45-110	34-121	4	0-20	
4-Nitrophenol	200.0	53	56	20-150	0-172	6	0-40	
2-Nitrophenol	200.0	89	85	40-115	28-128	4	0-20	
Pentachlorophenol	200.0	86	87	40-115	28-128	1	0-40	
Phenanthrene	200.0	83	82	50-115	39-126	1	0-20	
Phenol	200.0	59	62	10-115	0-132	4	0-23	
Pyrene	200.0	74	76	50-130	37-143	3	0-20	
1,2,4-Trichlorobenzene	200.0	86	85	35-105	23-117	1	0-21	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Broadbent & Associates, Inc		Date Received:	N/A
875 Cotting Lane, Suite G		Work Order No:	12-01-1192
Vacaville, CA 95688-9299		Preparation:	EPA 3510C
		Method:	EPA 8270C

Project: BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-671-20	**Aqueous**	**GC/MS TT**	**01/20/12**	**01/20/12**	**120120L01**

Parameter	SPIKE ADDED	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
2,4,6-Trichlorophenol	200.0	91	83	50-115	39-126	8	0-20	
2,4,5-Trichlorophenol	200.0	82	81	50-110	40-120	1	0-20	

Total number of LCS compounds : 68
Total number of ME compounds : 1
Total number of ME compounds allowed : 3
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Broadbent & Associates, Inc		Date Received:	N/A
875 Cotting Lane, Suite G		Work Order No:	12-01-1192
Vacaville, CA 95688-9299		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project: BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-703-2,012	**Aqueous**	**GC/MS FFF**	**01/26/12**	**01/26/12**	**120126L01**

Parameter	SPIKE ADDED	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	10.00	104	104	80-120	73-127	0	0-20	
Carbon Tetrachloride	10.00	100	107	74-134	64-144	7	0-20	
Chlorobenzene	10.00	104	104	80-120	73-127	1	0-20	
1,2-Dibromoethane	10.00	104	103	79-121	72-128	0	0-20	
1,2-Dichlorobenzene	10.00	107	107	80-120	73-127	0	0-20	
1,2-Dichloroethane	10.00	105	102	80-120	73-127	3	0-20	
Ethylbenzene	10.00	103	105	80-120	73-127	2	0-20	
Toluene	10.00	102	102	80-120	73-127	0	0-20	
Trichloroethene	10.00	102	103	79-127	71-135	1	0-20	
Methyl-t-Butyl Ether (MTBE)	10.00	108	105	69-123	60-132	3	0-20	
Tert-Butyl Alcohol (TBA)	50.00	99	93	63-123	53-133	5	0-20	
Diisopropyl Ether (DIPE)	10.00	109	108	59-137	46-150	1	0-37	
Ethyl-t-Butyl Ether (ETBE)	10.00	108	105	69-123	60-132	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	10.00	105	101	70-120	62-128	4	0-20	
Ethanol	100.0	100	98	28-160	6-182	3	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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 12-01-1192
Preparation: EPA 5030C
Method: EPA 8260B

Project: BP 601

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-703-2,015	**Aqueous**	**GC/MS L**	**01/30/12**	**01/30/12**	**120130L01**

Parameter	SPIKE ADDED	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	10.00	108	100	80-120	73-127	7	0-20	
Carbon Tetrachloride	10.00	109	102	74-134	64-144	6	0-20	
Chlorobenzene	10.00	105	99	80-120	73-127	6	0-20	
1,2-Dibromoethane	10.00	107	99	79-121	72-128	8	0-20	
1,2-Dichlorobenzene	10.00	104	98	80-120	73-127	6	0-20	
1,2-Dichloroethane	10.00	106	102	80-120	73-127	4	0-20	
Ethylbenzene	10.00	107	99	80-120	73-127	8	0-20	
Toluene	10.00	105	101	80-120	73-127	4	0-20	
Trichloroethene	10.00	107	100	79-127	71-135	7	0-20	
Methyl-t-Butyl Ether (MTBE)	10.00	103	99	69-123	60-132	4	0-20	
Tert-Butyl Alcohol (TBA)	50.00	99	105	63-123	53-133	6	0-20	
Diisopropyl Ether (DIPE)	10.00	106	101	59-137	46-150	5	0-37	
Ethyl-t-Butyl Ether (ETBE)	10.00	104	100	69-123	60-132	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	10.00	108	99	70-120	62-128	9	0-20	
Ethanol	100.0	106	118	28-160	6-182	11	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

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 12-01-1192

Qualifier	Definition
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.

Qualifier	Definition
	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. MPN - Most Probable Number

Atlantic Richfield Company
A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: BP 601 **Req Due Date (mm/dd/yy):** ____ **Rush TAT:** Yes ___ No X

BP/ARC Facility No: 601 **Lab Work Order Number:** 12-01-1192

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 Accnt:	9255	Enfos Proposal No:	005ZB-0002 / WR245693	Phone:	707-455-7290
Lab Bottle Order No:		Accounting Mode:	Provision X OOC-BU ___ OOC-RM ___	Email EDD To:	tsparrowe@broadbentinc.com
Other Info:		Stage:	Operate (40) Activity: Monitoring/MNA (80)	Invoice To:	BP/ARC X Contractor ___

BP/ARC EBM: Shannon Couch
EBM Phone: 925-275-3804
EBM Email: shannon.couch@bp.com

Report Type & QC Level: Standard X; Full Data Package ___

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor	Matrix:	No. Containers / Preservative: Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	Methanol		Requested Analyses: GRO (8015)	BTEX (8260)	5 Oxys (8260)	EDB (8260)	1,2-DCA (8260)	Ethanol (8260)	SVOCs (8270)				Comments
1	MW-1	1-17-12	1420		X							X			X	X	X	X	X	X	X				
2	MW-3		1350		X							X			X	X	X	X	X	X					
3	MW-10		1015		X							X			X	X	X	X	X	X					
4	MW-16		1325		X							X			X	X	X	X	X	X					
5	MW-17		1255		X							X			X	X	X	X	X	X					
6	MW-18	▽	1135		X							X			X	X	X	X	X	X					
7	TB -601- 01172012	1-17-12	1425		X							X			X	X	X	X	X	X					

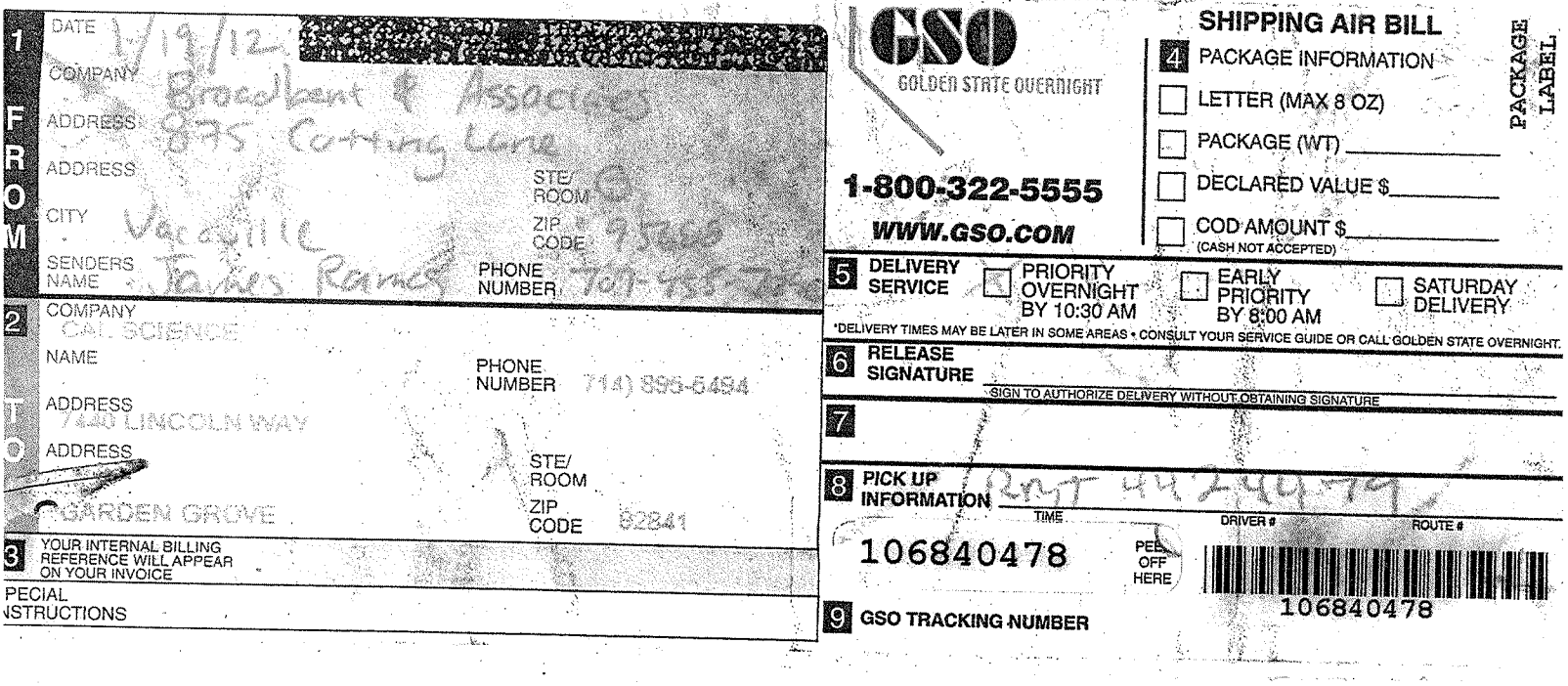
Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.

Sampler's Name:	James Ramos	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation / Date / Time
Sampler's Company:	BA1	James Ramos	1-19-11	1700	
Shipment Method:	GSO Ship Date: 1-19-11				1/20/12 1040
Shipment Tracking No:	106840478				

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

1192



1 FROM
DATE 1/19/12
COMPANY Broadbent & Associates
ADDRESS 875 Cotting Lane
ADDRESS
CITY Vacaville
STE/ ROOM G
ZIP CODE 95688
SENDERS NAME James Ramos
PHONE NUMBER 707-451-7[illegible]

2 TO
COMPANY CAL SCIENCE
NAME
PHONE NUMBER 714) 895-5494
ADDRESS 7440 LINCOLN WAY
ADDRESS
STE/ ROOM
GARDEN GROVE
ZIP CODE 92841

3 YOUR INTERNAL BILLING REFERENCE WILL APPEAR ON YOUR INVOICE

SPECIAL INSTRUCTIONS

GSO GOLDEN STATE OVERNIGHT
1-800-322-5555
WWW.GSO.COM

SHIPPING AIR BILL
PACKAGE LABEL

4 PACKAGE INFORMATION
☐ LETTER (MAX 8 OZ)
☐ PACKAGE (WT) _____
☐ DECLARED VALUE $_____
☐ COD AMOUNT $_____ (CASH NOT ACCEPTED)

5 DELIVERY SERVICE
☒ PRIORITY OVERNIGHT BY 10:30 AM
☐ EARLY PRIORITY BY 8:00 AM
☐ SATURDAY DELIVERY
*DELIVERY TIMES MAY BE LATER IN SOME AREAS • CONSULT YOUR SERVICE GUIDE OR CALL GOLDEN STATE OVERNIGHT.

6 RELEASE SIGNATURE _____
SIGN TO AUTHORIZE DELIVERY WITHOUT OBTAINING SIGNATURE

7

8 PICK UP INFORMATION 12PT 44 24979
TIME DRIVER # ROUTE #

106840478
PEEL OFF HERE
106840478

9 GSO TRACKING NUMBER

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-01-[1][1][9][2]

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Broadbent DATE: 01/20/12

TEMPERATURE: Thermometer ID: SC3 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.6 °C - 0.3 °C (CF) = 3.3 °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 ☐ Filter Initial: [illegible]

CUSTODY SEALS INTACT:

☑ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A Initial: [illegible]

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: WSL

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 analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑6 VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☑2 1AGB ☑~~1AGB**na$_2$**~~ 2 WSL 01-2012 ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:** 120101A **Labeled/Checked by:** WSL

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** YL

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:** YL

APPENDIX D

CO- MONITORING DATA
FORMER SHELL STATION #129460

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	80 a	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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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-1	**01/17/2012**	**320 k**	**<0.50 k**	**<0.50 k**	**<0.50 k**	**<1.0 k**	**---**	**---**	**21.33**	**7.70**	**13.63**	**---**	**---**
S-3	09/06/1988	96,000	3,400	9,500	2,700	17,000	---	---	21.14	---	---	---	---
S-3	11/16/1988	70,000	4,600	8,400	2,500	13,000	---	---	21.14	7.76	13.38	---	---
S-3	02/27/1989	32,000	2,400	3,100	1,500	6,400	---	---	21.14	---	---	---	---
S-3	05/04/1989	47,000	4,400	300	2,400	15,000	---	---	21.14	---	---	---	---
S-3	08/10/1989	110,000	5,700	5,700	3,200	19,000	---	---	21.14	7.92	13.22	---	---
S-3	10/10/1989	52,000	4,600	3,300	2,600	15,000	---	---	21.14	8.00	13.14	---	---
S-3	01/25/1990	420,000	5,200	4,100	6,700	34,000	---	---	21.14	7.54	13.60	---	---
S-3	04/18/1990	58,000	3,800	1,400	2,400	12,000	---	---	21.14	7.74	13.40	---	---
S-3	07/23/1990	49,000	3,400	1,800	2,300	12,000	---	---	21.14	7.55	13.59	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
S-3	10/18/1990	44,000	3,500	650	2,400	11,000	---	---	21.14	8.47	12.67	---	---
S-3	01/28/1991	64,000	40,900	570	1,940	8,090	---	---	21.14	8.38	12.76	---	---
S-3	04/25/1991	120,000	3,900	3,600	2,400	8,900	---	---	21.14	6.91	14.23	---	---
S-3	07/09/1991	50,000	3,600	2,300	1,800	10,000	---	---	21.14	8.07	13.07	---	---
S-3	10/08/1991	130,000	3,600	1,000	2,800	8,400	---	---	21.14	8.61	12.53	---	---
S-3	02/05/1992	150,000	2,500	670	2,700	10,000	---	---	21.14	7.80	13.34	---	---
S-3	04/28/1992	120,000	2,200	1,200	2,000	5,800	---	---	21.14	7.27	13.87	---	---
S-3	07/27/1992	190,000	1,400	<1,250	<1,250	3,400	---	---	21.14	8.10	13.04	---	---
S-3	10/26/1992	950,000	2,000	8,400	16,000	36,000	---	---	21.14	8.62	12.52	---	---
S-3	01/14/1993	41,000	2,700	2,500	1,800	6,900	---	---	21.14	5.16	15.98	---	---
S-3	04/16/1993	40,000	930	2,800	1,900	14,000	---	---	21.14	7.18	13.96	---	---
S-3	07/23/1993	87,000	1,600	<5	1,300	4,000	---	---	21.14	7.34	13.80	---	---
S-3	10/27/1993	36,000	2,200	<500	1,500	3,200	---	---	21.14	8.03	13.11	---	---
S-3	01/27/1994	190,000	3,200	3,100	4,100	15,000	---	---	21.14	6.79	14.35	---	---
S-3	05/05/1994	36,000	1,100	490	1,600	4,700	---	---	20.48	6.75	13.73	---	---
S-3	07/26/1994	18,000	1,039	171	845	967.5	---	---	20.48	7.30	13.18	---	---
S-3	10/28/1994	25,869	468	294	546	343.3	---	---	20.48	8.36	12.12	---	---
S-3	01/02/1995	23,000	850	260	900	2,100	---	---	20.48	6.36	14.12	---	---
S-3	04/14/1995	33,000	720	670	1,600	6,600	---	---	20.48	5.87	14.61	---	---
S-3	07/28/1995	12,000	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	16,000	520	290	740	2,600	<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	30,000	420	330	1,500	6,300	<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	21,000	300	51	770	2,800	<100	---	20.48	4.30	16.18	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
S-3 (D)	01/15/1998	14,000	330	63	920	3,400	<250	---	20.48	---	---	---	---
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	40,000	313	194	2,200	8,800	<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	39,700	150	61.8	1,690	7,720	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	25,000	89.0	<50.0	1,270	5,180	<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	28,000	60	13	970	3,700	---	<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	3,200	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	3,100	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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
S-3	07/25/2006	100	<1.00	<1.00	<1.00	<3.00	---	---	20.85	7.09	13.76	---	---
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-3	**01/17/2012**	**Well inaccessible**		**---**	**---**	**---**	**---**	**---**	**20.85**	**---**	**---**	**---**	**---**
S-5	01/08/1987	7,800	380	510	---	1,000	---	---	21.41	---	---	---	---
S-5	09/06/1988	7,000	2,600	60	400	700	---	---	21.41	---	---	---	---
S-5	11/16/1988	3,000	660	60	120	220	---	---	21.41	---	---	---	---
S-5	02/27/1989	5,700	2,000	220	260	320	---	---	21.41	---	---	---	---
S-5	05/04/1989	9,000	3,000	600	630	1,700	---	---	21.41	---	---	---	---
S-5	08/10/1989	5,100	1,100	<50	270	400	---	---	21.41	8.28	13.13	---	---
S-5	10/10/1989	15,000	3,300	160	830	2,200	---	---	21.41	8.32	13.09	---	---
S-5	01/25/1990	12,000	2,400	360	570	1,400	---	---	21.41	8.20	13.21	---	---
S-5	04/18/1990	5,200	1,100	40	300	460	---	---	21.41	8.32	13.09	---	---
S-5	07/23/1990	5,500	1,300	140	320	730	---	---	21.41	8.03	13.38	---	---
S-5	10/18/1990	12,000	3,200	40	720	900	---	---	21.41	9.03	12.38	---	---
S-5	01/28/1991	2,550	410	15	110	60	---	---	21.41	8.80	12.61	---	---
S-5	04/25/1991	67,000	5,100	3,100	2,800	11,000	---	---	21.41	7.40	14.01	---	---
S-5	07/09/1991	4,900	480	36	360	1,000	---	---	21.41	8.52	12.89	---	---
S-5	10/08/1991	6,600	370	7	190	380	---	---	21.41	9.00	12.41	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
S-5	02/05/1992	44,000	4,800	850	2,700	8,400	---	---	21.41	8.11	13.30	---	---
S-5	04/28/1992	33,000	1,400	320	1,600	5,200	---	---	21.41	7.70	13.71	---	---
S-5	07/27/1992	20,000	2,400	<25	1,800	2,300	---	---	21.41	8.52	12.89	---	---
S-5	10/26/1992	21,000	1,600	140	1,500	2,800	---	---	21.41	9.02	12.39	---	---
S-5	01/14/1993	54,000	1,900	1,000	2,700	16,000	---	---	21.41	5.22	16.19	---	---
S-5	04/16/1993	42,000	2,000	1,300	4,300	18,000	---	---	21.41	7.04	14.37	---	---
S-5	07/23/1993	46,000	2,500	2,200	3,400	11,000	---	---	21.41	7.75	13.66	---	---
S-5	10/27/1993	6,500	990	31	1,100	1,000	---	---	21.41	8.49	12.92	---	---
S-5	01/27/1994	34,000	1,800	580	2,900	9,700	---	---	21.41	7.04	14.37	---	---
S-5	05/05/1994	24,000	670	70	1,400	2,700	---	---	21.03	7.20	13.83	---	---
S-5	07/27/1994	4,700	193.6	33.1	332.3	281.2	---	---	21.03	7.72	13.31	---	---
S-5	10/28/1994	3,200	167.3	18	238.7	104.5	---	---	21.03	7.82	13.21	---	---
S-5	01/02/1995	18,000	1,300	220	3,400	10,000	---	---	21.03	6.65	14.38	---	---
S-5	04/14/1995	---	---	---	---	---	---	---	21.03	5.99	15.04	---	---
S-5	07/28/1995	25,000	440	74	1,700	4,500	---	---	21.03	6.77	14.26	---	---
S-5 (D)	07/28/1995	25,000	450	<50	1,700	4,600	---	---	21.03	---	---	---	---
S-5	10/17/1995	18,000	360	24	1,300	2,200	---	---	21.03	7.00	14.03	---	---
S-5	01/11/1996	41,000	420	180	1,600	9,500	<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	38,000	130	43	160	6,200	<125	---	21.03	5.03	16.00	---	---
S-5 (D)	01/09/1997	36,000	130	<50	160	5,600	<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	49,000	62	<50	93	4,100	<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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
S-5	01/22/1999	2,550	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	---	---
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	3,310	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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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-5	**01/17/2012**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**---**	**21.27**	**7.61**	**13.66**	**---**	**---**
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	---	---

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
S-7	01/27/1994	70 a	<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	---	---

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	---	---	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
S-7	**01/17/2012**	**62**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**---**	**21.01**	**7.69**	**13.32**	**---**	**---**
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	---	---	---	---
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	130 a	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	90 a	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	1,100	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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	1,200	140	2.8	21	5.0	27	---	20.32	6.36	13.96	---	---
S-8 (D)	07/21/1997	1,200	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	1,600	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	1,540	86.5	5.20	5.30	6.35	<25.0	---	20.36	6.61	13.75	---	---
S-8	10/26/1999	1,680	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	2,300	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	1,300	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	1,400	55	0.83	5.3	0.71	---	<5.0	20.36	6.94	13.42	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	1,600	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	1,800	68	1.3	2.6	1.2	---	<0.50	20.36	6.87	13.49	---	1.0
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	1,000	6.7	<0.50	0.61	<1.0	---	---	20.36	6.50	13.86	---	---
S-8	07/13/2004	2,000	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-8	**01/17/2012**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**---**	**20.36**	**7.22**	**13.14**	**---**	**---**
S-9	11/16/1988	1,400	69	3.0	52	180	---	---	20.96	7.78	13.18	---	---
S-9	02/27/1989	1,600	240	4.0	130	180	---	---	20.96	---	---	---	---
S-9	05/04/1989	2,600	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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	1,040	450	4.6	85	97	---	---	20.96	8.29	12.67	---	---
S-9	04/25/1991	5,800	880	9.0	360	500	---	---	20.96	6.09	14.87	---	---
S-9	07/09/1991	1,400	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	1,400 a	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	19,000	2,400	38	1,700	2,200	---	---	20.96	6.80	14.16	---	---
S-9	04/16/1993	10,000	1,500	<5	1,100	990	---	---	20.96	6.28	14.68	---	---
S-9	07/23/1993	1,100	400	<5	260	160	---	---	20.96	7.26	13.70	---	---
S-9	10/27/1993	2,500	400	<5	190	110	---	---	20.96	8.00	12.96	---	---
S-9	01/27/1994	4,800	990	16	630	490	---	---	20.96	5.96	15.00	---	---
S-9	05/05/1994	3,700	480	<5	21	120	---	---	20.68	6.99	13.69	---	---
S-9	07/26/1994	1,000	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	3,900	540	2.4	350	150	---	---	20.68	6.29	14.39	---	---
S-9	04/14/1995	5,100	1,000	<10	380	230	---	---	20.68	5.69	14.99	---	---
S-9	07/28/1995	4,600	680	<10	120	47	---	---	20.68	6.61	14.07	---	---
S-9	10/17/1995	1,600	150	<0.5	42	15	---	---	20.68	7.00	13.68	---	---
S-9	01/11/1996	6,800	1,100	12	720	95	24	---	20.68	6.20	14.48	---	---
S-9	04/02/1996	6,000	1,300	8.3	430	99	49	---	20.68	5.19	15.49	---	---
S-9 (D)	04/02/1996	6,500	1,200	8.3	410	90	<20	---	20.68	---	---	---	---
S-9	07/09/1996	3,400	680	6.7	54	31	<25	---	20.68	6.43	14.25	---	---
S-9 (D)	07/09/1996	3,300	730	<5.0	58	28	<25	---	20.68	---	---	---	---
S-9	10/10/1996	6,600	1,200	<10	160	<10	70	---	20.68	7.08	13.60	---	---
S-9 (D)	10/10/1996	6,100	1,000	<10	200	15	65	---	20.68	---	---	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
S-9	01/09/1997	12,000	1,400	<25	1	39	<125	---	20.68	5.03	15.65	---	---
S-9	04/08/1997	6,600	920	10	230	26	150	---	20.68	6.78	13.90	---	---
S-9	07/21/1997	7,800	860	13	260	14	87	---	20.68	6.77	13.91	---	---
S-9	10/08/1997	4,600	320	<10	61	<10	28	---	20.68	6.92	13.76	---	---
S-9	01/15/1998	9,300	1,000	<10	730	24	<50	---	20.68	4.50	16.18	---	---
S-9	04/14/1998	12,000	1,200	<2.5	960	<2.5	<12	---	20.68	4.35	16.33	---	---
S-9 (D)	04/14/1998	12,000	1,200	<2.5	930	<2.5	<12	---	20.68	---	---	---	---
S-9	07/14/1998	12,000	1,700	<25	990	39	<125	---	20.68	5.95	14.73	---	---
S-9 (D)	07/14/1998	11,000	1,800	<25	650	<25	<125	---	20.68	---	---	---	---
S-9	10/20/1998	14,000	1,600	<25	560	<25	340	---	20.68	7.03	13.65	---	---
S-9 (D)	10/20/1998	11,000	1,100	<10	230	<10	100	---	20.68	---	---	---	---
S-9	01/22/1999	9,900	1,030	26.7	819	27.5	46.8	---	20.68	6.01	14.67	---	---
S-9	04/08/1999	17,900	1,450	<50.0	1,610	73.8	<500	---	20.68	5.25	15.43	---	---
S-9	07/23/1999	12,200	1,020	<20.0	536	<20.0	<200	---	20.68	6.71	13.97	---	---
S-9	10/26/1999	9,580	1,170	11.9	566	23.1	<50.0	---	20.68	7.27	13.41	---	---
S-9	10/26/1999	9,580	1,170	11.9	566	23.1	<50.0	---	20.68	7.27	13.41	---	---
S-9	01/03/2000	9,660	689	<50.0	640	<50.0	<250	---	20.68	7.47	13.21	---	---
S-9	04/14/2000	14,000	1,040	<50.0	1,210	<50.0	<250	---	20.68	5.75	14.93	---	---
S-9	07/12/2000	13,200	1,360	33.9	552	26.8	<100	---	20.68	6.63	14.05	---	---
S-9	11/01/2000	9,120	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	3,500	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	15,000	520	4.9	580	7.1	---	<20	20.68	5.71	14.97	---	0.5
S-9	04/01/2002	15,000	530	5.1	920	7.8	---	<25	20.68	5.99	14.69	---	3.0
S-9	07/11/2002	10,000	520	5.3	97	5.8	---	<25	20.68	6.99	13.69	---	0.5
S-9	10/28/2002	11,000	580	6.2	65	5.3	---	<2.5	20.70	7.63	13.07	---	1.0
S-9	01/23/2003	9,300	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

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
S-9	07/01/2003	2,200	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	1,400	26	<1.0	14	12	---	---	20.70	6.51	14.19	---	0.7
S-9	07/13/2004	1,900	36	<1.0	2.0	<2.0	---	<1.0	20.70	8.51	12.19	---	17.1
S-9	01/20/2005	3,600	60	1.2	50	<2.0	---	---	20.70	5.80	14.90	---	0.4
S-9	07/19/2005	2,800	42	1.4	18	<2.0	---	---	20.70	7.50	13.20	---	---
S-9	01/27/2006	16,800	152	4.74	165	6.77	---	---	20.70	6.40	14.30	---	---
S-9	07/25/2006	22,500	79.3	2.32	27.2	<3.00	---	---	20.70	6.92	13.78	---	---
S-9	01/04/2007	5,800	82	3.2	110	<5.0	---	---	20.70	6.40	14.30	---	---
S-9	07/24/2007	8,900 g,h	91	3.4 i	22	<10	---	---	20.70	7.19	13.51	---	---
S-9	01/15/2008	11,000 g,h	68	3.5 i	68	4.5 i	---	---	20.70	5.20	15.50	---	---
S-9	08/04/2008	8,200	50	2.6	12	3.6	---	---	20.70	7.38	13.32	---	---
S-9	01/08/2009	9,200	40	2.4	29	1.9	---	---	20.70	6.73	13.97	---	---
S-9	07/21/2009	6,200	26	1.6	7.5	1.3	---	---	20.70	7.28	13.42	---	---
S-9	07/21/2009 j	9,600	35	2.1	9.2	1.8	---	---	20.70	7.28	13.42	---	---
S-9	01/12/2010 j	15,000	39	<5.0	26	<5.0	---	---	20.70	6.14	14.56	---	---
S-9	07/22/2010	7,900	21	<5.0	19	<5.0	---	---	20.70	6.89	13.81	---	---
S-9	02/01/2011	12,000	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	1,700	15	2.2	19	2.8	---	---	20.70	---	---	---	---
S-9	**01/17/2012**	**9,000**	**18**	**<2.0**	**10**	**<4.0**	**---**	**---**	**20.70**	**7.00**	**13.70**	**---**	**---**
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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	---	---

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	---	---

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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-10	**01/17/2012**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**---**	**20.14**	**7.43**	**12.71**	**---**	**---**
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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	50 a	<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	---	---

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	440 a	3.8	<0.5	<0.5	0.6	---	---	20.57	7.00	13.57	---	---
S-13	07/09/1991	320 a	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	---	---

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	---	---

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
S-13	**01/17/2012**	**50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**---**	**20.19**	**7.67**	**12.52**	**---**	**---**
S-14	05/03/1989	5,300	750	400	200	800	---	---	20.44	---	---	---	---
S-14	08/10/1989	1,800	540	140	42	50	---	---	20.44	7.58	12.86	---	---
S-14	10/09/1989	1,000	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	1,200	200	110	30	96	---	---	20.44	7.37	13.07	---	---
S-14	07/23/1990	5,000	430	340	140	660	---	---	20.44	7.28	13.16	---	---
S-14	10/18/1990	1,800	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	14,000	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	5,400	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	2,000	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	4,500	1,100	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	5,385	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	1,600	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	1,200	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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	---	---

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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-16	**01/17/2012**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**---**	**21.30**	**7.53**	**13.77**	**---**	**---**
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	---	---

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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-17	**01/17/2012**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**---**	**20.36**	**7.65**	**12.71**	**---**	**---**
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	---	---
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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	---	---
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-18	**01/17/2012**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**---**	**20.63**	**7.80**	**12.83**	**---**	**---**
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

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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
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	---	---
S-19	**01/17/2012**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**---**	**20.10**	**6.80**	**13.30**	**---**	**---**
SR-1	03/22/1989	5,400	1,100	230	350	1,300	---	---	21.45	---	---	---	---
SR-1	01/25/1990	2,200	470	120	110	510	---	---	21.45	7.53	13.92	---	---
SR-1	04/18/1990	1,000	130	47	47	220	---	---	21.45	8.17	13.28	---	---
SR-1	07/23/1990	3,200	470	320	170	870	---	---	21.45	7.58	13.87	---	---
SR-1	10/18/1990	1,300	280	6.6	110	130	---	---	21.45	8.81	12.64	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
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	1,400	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	3,800	580	36	320	400	---	---	21.45	7.68	13.77	---	---
SR-1	04/28/1992	38,000	1,800	460	19,00	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	1,800	370	10	130	130	---	---	21.45	8.63	12.82	---	---
SR-1	01/13/1993	47,000	1,000	1,100	1,700	13,000	---	---	21.45	5.46	15.99	---	---
SR-1	04/16/1993	25,000	1,700	430	2,400	8,300	---	---	21.45	6.28	15.17	---	---
SR-1	07/23/1993	33,000	2,400	2,000	3,800	14,000	---	---	21.45	7.34	14.11	---	---
SR-1	10/27/1993	2,300	340	<12.5	270	440	---	---	21.45	8.04	13.41	---	---
SR-1	01/27/1994	36,000	2,000	1,700	3,000	11,000	---	---	21.45	6.68	14.77	---	---
SR-1	05/05/1994	43,000	1,500	130	2900	12000	---	---	20.57	6.81	13.76	---	---
SR-1	07/26/1994	13,600	682.7	39.2	996.6	2,516	---	---	20.57	7.38	13.19	---	---
SR-1	10/28/1994	8,462	301.5	29.3	384.7	2,019	---	---	20.57	7.48	13.09	---	---
SR-1	01/02/1995	13,000	400	120	2,500	10,000	---	---	20.57	6.34	14.23	---	---
SR-1	04/14/1995	43,000	690	370	2,500	12,000	---	---	20.57	5.29	15.28	---	---
SR-1	07/28/1995	35,000	760	120	2,300	8,100	---	---	20.57	6.36	14.21	---	---
SR-1	10/17/1995	9,700	310	12	610	1,200	---	---	20.57	6.62	13.95	---	---
SR-1 (D)	10/17/1995	8,300	230	9.6	680	840	---	---	20.57	---	---	---	---
SR-1	01/11/1996	18,000	410	170	1,200	4,400	42	---	20.57	5.66	14.91	---	---
SR-1 (D)	01/11/1996	17,000	420	180	1,100	4,000	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	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*
SR-1	01/15/1998	8,100	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	---	---	---	---
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	3,000	15	<2.5	34	11	---	<2.5	21.31	6.67	14.64	---	---

TABLE 1

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

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE 8020 (µg/L)*	*MTBE 8260 (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*	*DO Reading (mg/L)*

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
ft = Feet
MSL = Mean sea level
mg/L = Milligrams per liter
(D) = Duplicate sample
<x = Not detected at reporting limit x
--- = Not analyzed or not 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
k = Sample received and analyzed without chemical preservation

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!

Submittal Type:	**EDF - Monitoring Report - Semi-Annually**
Submittal Title:	**1Q12 GW Monitoring**
Facility Global ID:	**T0600100108**
Facility Name:	**ARCO #0601**
File Name:	**12011192.zip**
Organization Name:	**Broadbent & Associates, Inc.**
Username:	**BROADBENT-C**
IP Address:	**67.118.40.90**
Submittal Date/Time:	**3/29/2012 2:29:30 PM**
Confirmation Number:	**7023056983**

VIEW QC REPORT

VIEW DETECTIONS REPORT

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GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

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

Submittal Type:	**GEO_WELL**
Submittal Title:	**1Q12 GEO_WELL 601**
Facility Global ID:	**T0600100108**
Facility Name:	**ARCO #0601**
File Name:	**GEO_WELL.zip**
Organization Name:	**Broadbent & Associates, Inc.**
Username:	**BROADBENT-C**
IP Address:	**67.118.40.90**
Submittal Date/Time:	**3/29/2012 2:32:14 PM**
Confirmation Number:	**3038660705**

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