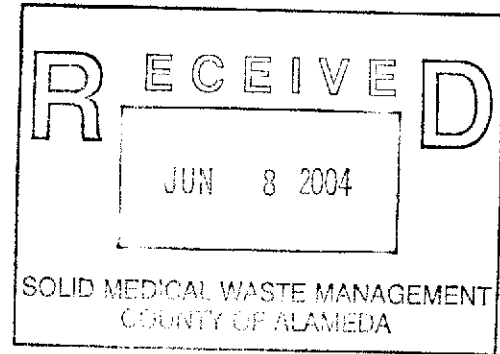


URS

20309

May 26, 2004

Ms. eva chu
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd floor
Alameda, CA 94502



**Re: Second Quarter 2004 Groundwater Monitoring Report
Atlantic Richfield Company Service Station #0601
712 Lewelling Boulevard
San Leandro, California
URS Project #38486706**

Dear Ms. chu:

On behalf of Atlantic Richfield Company (RM), a BP - affiliated company, URS Corporation (URS) is submitting the *Second Quarter 2004 Groundwater Monitoring Report* for the Atlantic Richfield Company Service Station #0601, located at 712 Lewelling Boulevard, San Leandro, California.

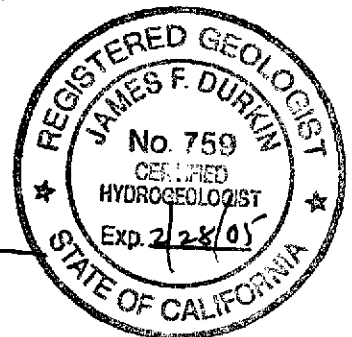
If you have any questions regarding this submission, please call (510) 874-3280.

Sincerely,

URS CORPORATION

Scott Robinson
Project Manager

James F. Durkin, C.Hg.
Senior Geologist



Enclosure: Second Quarter 2004 Groundwater Monitoring Report

cc: Mr. Paul Supple, Atlantic Richfield Company, (electronic copy uploaded to ENFOS)
Mr. Mike Bakaldin, City of San Leandro, Environmental Services Division, 835 East
14th Street, San Leandro, CA 94577

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600

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Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872

May 26, 2004

RE: Second Quarter 2004 Groundwater Monitoring Report
Atlantic Richfield Company Service Station #0601
712 Lewelling Boulevard
San Leandro, CA
URS Project #38486706

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

Submitted by:

Paul Supple
Environmental Business Manager

R E P O R T

SECOND QUARTER 2004 GROUNDWATER MONITORING

**ATLANTIC RICHFIELD COMPANY SERVICE
STATION #0601
712 LEWELLING BOULEVARD
SAN LEANDRO, CALIFORNIA**

Prepared for
Atlantic Richfield Company

May 26, 2004

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

38486706

Date: May 26, 2004
Quarter: 2Q 04

ATLANTIC RICHFIELD COMPANY QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.: 0601 Address: 712 Lewelling Boulevard, San Leandro, CA
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Scott Robinson
Consultant Project No.: 38486706
Primary Agency: Alameda County Health Care Services Agency (ACHCSA)

WORK PERFORMED THIS QUARTER (Second – 2004):

1. Performed second quarter 2004 groundwater monitoring event on April 20, 2004.
2. Prepared and submitted second quarter 2004 groundwater monitoring report.
3. Oxygen releasing compound socks replaced in MW-2, MW-3, MW-5 and MW-8 on April 20, 2004.

WORK PROPOSED FOR NEXT QUARTER (Third – 2004):

1. Perform third quarter 2004 groundwater monitoring event.
2. Prepare and submit third quarter 2004 groundwater monitoring report.

Current Phase of Project:	Groundwater monitoring/sampling
Frequency of Groundwater Sampling:	Annual (3 rd Quarter): MW-2, MW-9, MW-11, MW-12, MW-13 and MW-15 Semi-Annual (1st/3rd Quarter) MW-10 and MW-14 Quarterly: MW-1, MW-3 through MW-8
Frequency of Groundwater Monitoring:	Quarterly
Is Free Product (FP) Present On-Site:	Sheen MW-1
Cumulative FP Recovered to Date:	No
Bulk Soil Removed to Date:	1,565 cubic yards of TPH impacted soil
Current Remediation Techniques:	Natural Attenuation / ORC: MW-2, MW-3, MW-5, and MW-8
Approximate Depth to Groundwater:	4.57 (MW-13) to 9.62 (MW-14) feet
Groundwater Gradient (direction):	Southwest
Groundwater Gradient (magnitude):	0.005 feet per foot

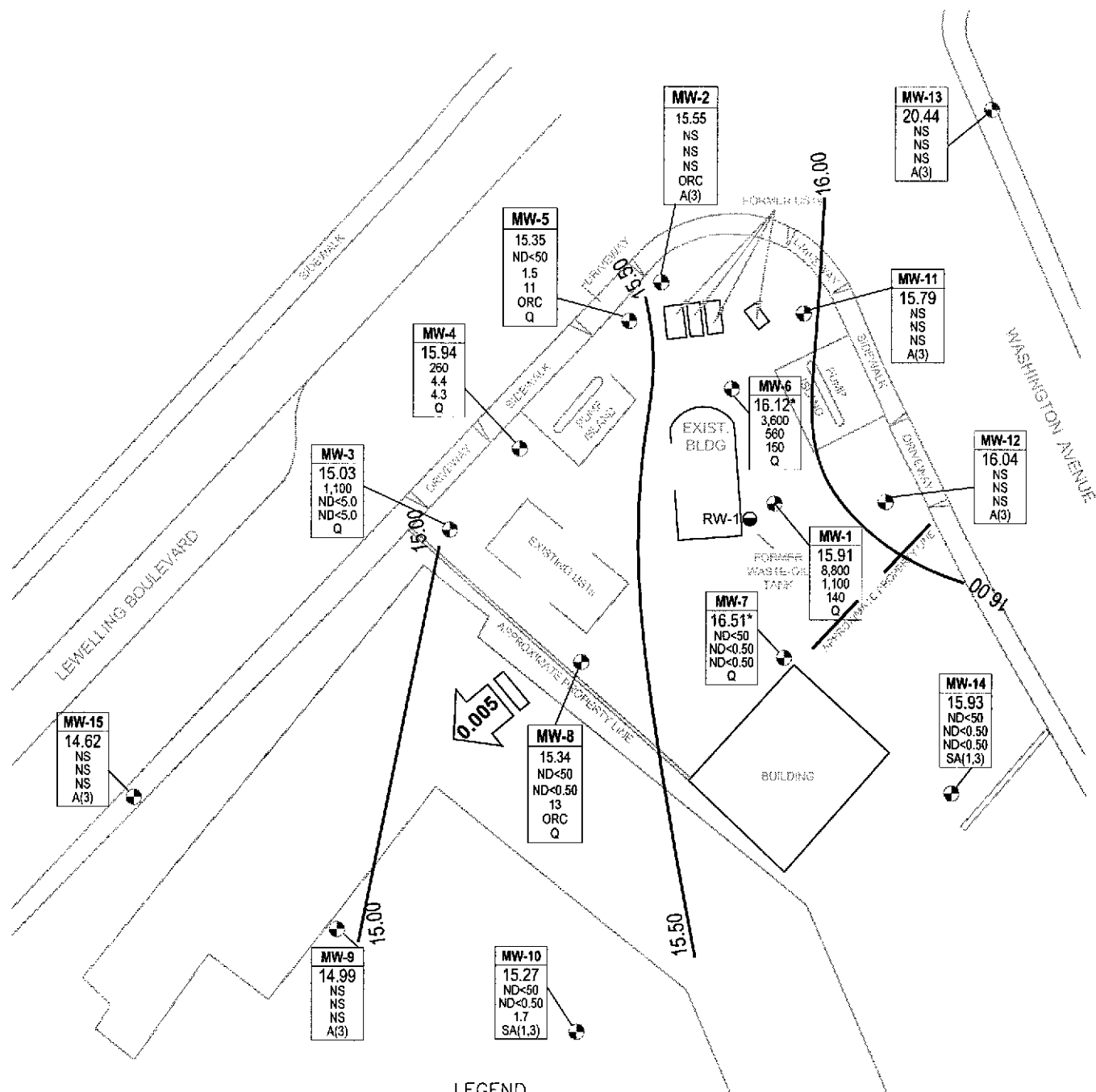
DISCUSSION:

Gasoline Range Organics (GRO) were detected above the laboratory reporting limit in five of the six wells sampled at concentrations ranging from 55 micrograms per liter ($\mu\text{g/L}$) (MW-8) to 30,000 $\mu\text{g/L}$ (MW-3). Benzene was detected above the laboratory reporting limit in four wells at concentrations ranging from 53 $\mu\text{g/L}$ (MW-5) to 1,600 $\mu\text{g/L}$ (MW-1). Methyl-tert-Butyl Ether (MTBE) was detected above the laboratory reporting limit in four wells at concentrations ranging from 12 $\mu\text{g/L}$ (MW-4 and MW-5) to 84 $\mu\text{g/L}$ (MW-1). Tert-Amyl Methyl Ether (TAME) was detected above the laboratory reporting limit in one well at a concentration of 3.0 $\mu\text{g/L}$ (MW-3). Well MW-1 was analyzed for semivolatile organic compounds (SVOCs) by EPA method 8270. The sample collected from MW-1 contained bis (2-ethylhexyl) phthalate, 2-Methylnaphthalene and Naphthalene detected at concentrations of 140 $\mu\text{g/L}$, 440 $\mu\text{g/L}$ and 1,200 $\mu\text{g/L}$, respectively. Well MW-6 was gauged but not sampled due to insufficient water.

Survey data collected from well re-survey conducted on March 2, 2004 was used to draw groundwater elevation contours. Groundwater gradient and flow direction determined from the new survey data match the flow direction and gradient determined from August 1994 to November 1996 monitoring events.

ATTACHMENTS:

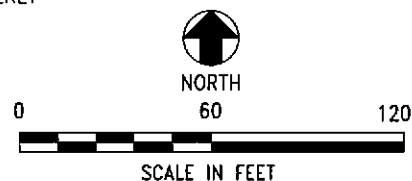
- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – April 20, 2004
- Figure 2 – TPH-g Isoconcentration Map – April 20, 2004
- Figure 3 – Benzene Isoconcentration Map – April 20, 2004
- Figure 4 – MTBE Isoconcentration Map – April 20, 2004
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Groundwater Flow Direction and Gradient
- Table 3 – Fuel Oxygenate Analytical Data
- Table 4 – Volatile and Semivolatile Organic Compounds Data
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports and Chain-of-Custody Records
- Attachment C – EDCC Report and EDF/Geowell Submittal Confirmation
- Attachment D – Well Survey Data Sheets



LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 13.00 — GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MSL)
- APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- | |
|---------|
| Well |
| ELEV |
| GRO |
| Benzene |
| MTBE |
| A or Q |

 WELL DESIGNATION
GROUNDWATER ELEVATION (FEET ABOVE MSL)
GRO, BENZENE & MTBE CONCENTRATIONS (µg/L)
SAMPLING FREQUENCY
- * DATA NOT USED FOR CONTOURING
- ND< NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
- NS NOT SAMPLED
- ORC OXYGEN RELEASING COMPOUND SOCK IN WELL
- A(3) SAMPLED ANNUALLY DURING 3RD QUARTER
- SA(1,3) SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS
- Q SAMPLED QUARTERLY



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

URS

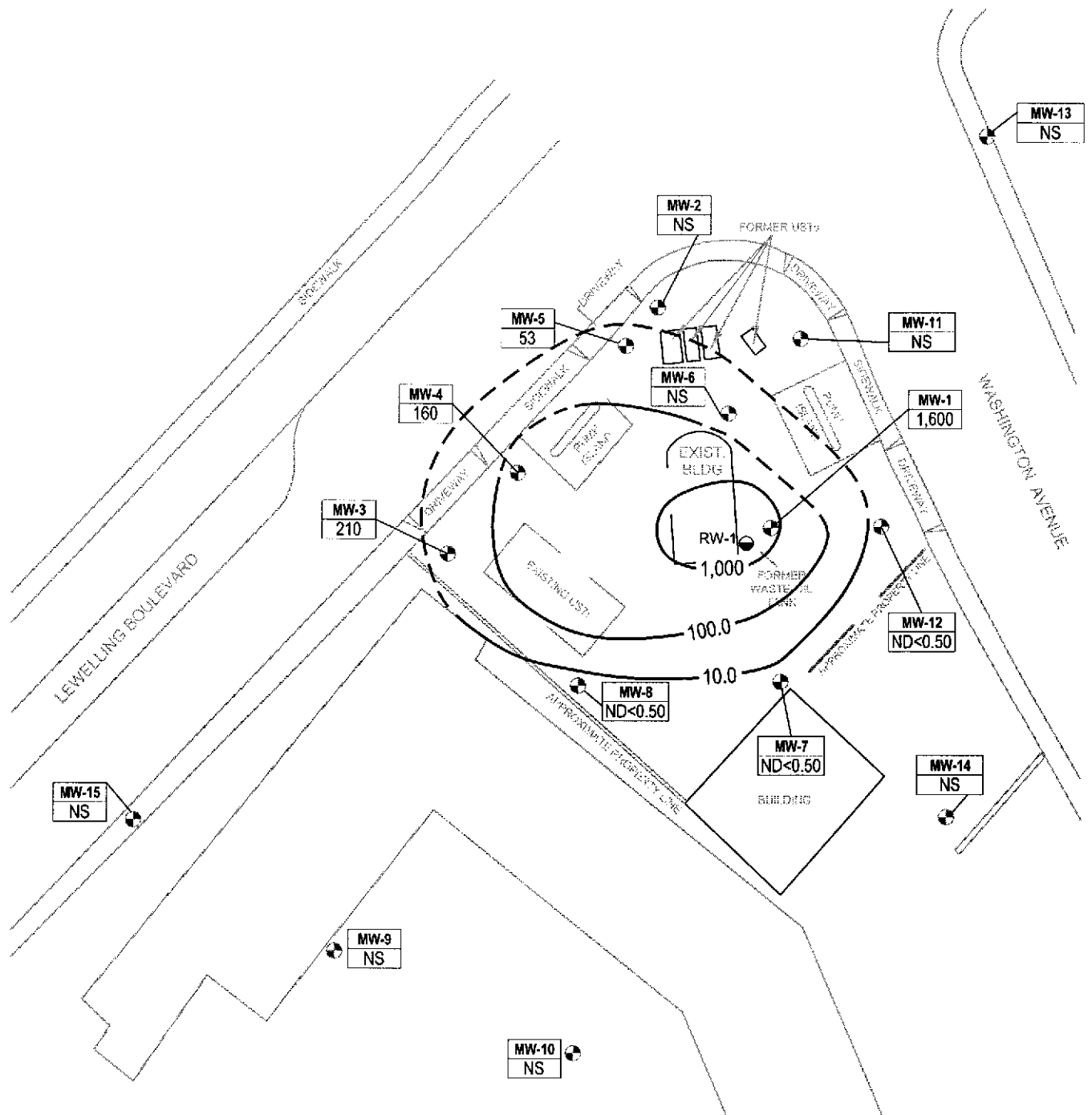
Project No. 38486706

Atlantic Richfield Company Service Station 0601
712 Lewelling Boulevard
San Leandro, California

**GROUNDWATER ELEVATION CONTOUR
AND ANALYTICAL SUMMARY MAP**
Second Quarter 2004 (April 20, 2004)

FIGURE

1

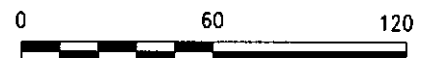


LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- BENZENE ISOCONCENTRATION CONTOUR (µg/L)
- WELL DESIGNATION
- BENZENE CONCENTRATION (µg/L)
- ND< NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
- NS NOT SAMPLED



NORTH



SCALE IN FEET

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

URS

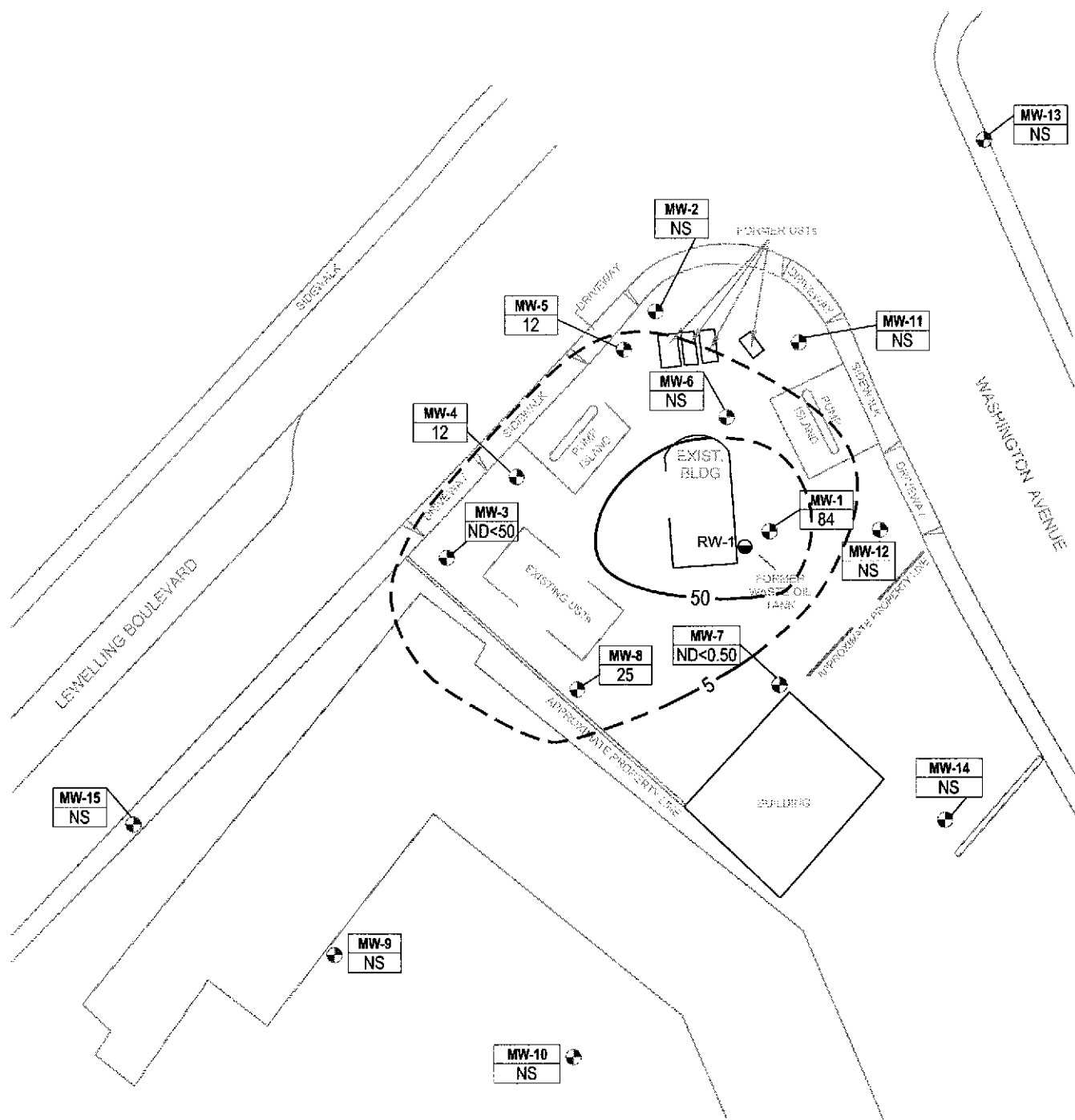
Project No. 38486706

Atlantic Richfield Company Service Station 0601
712 Lewelling Boulevard
San Leandro, California

BENZENE ISOCONCENTRATION MAP
Second Quarter 2004 (April 20, 2004)

FIGURE

3

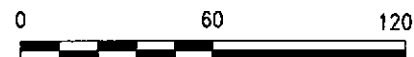


LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- MTBE ISOCONCENTRATION CONTOUR ($\mu\text{g/L}$)
- WELL DESIGNATION
- MTBE CONCENTRATION ($\mu\text{g/L}$)
- ND< NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
- NS NOT SAMPLED



NORTH



SCALE IN FEET

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

URS

Project No. 38486706

Atlantic Richfield Company Service Station 0601
712 Levee Boulevard
San Leandro, California

MTBE ISOCONCENTRATION MAP
Second Quarter 2004 (April 20, 2004)

FIGURE

4

Table 1
Groundwater Elevation and Analytical Data

Atlantic Richfield Company Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)			
MW-1	07/18/90		22.98	7.0	NA	10.8	9.03	13.95	Not sampled: well contained floating product sheen											
MW-1	10/15/90						9.85	13.13(i)	Not sampled: well contained 0.25 feet of floating product											
MW-1	01/09/91						9.47	13.51(i)	Not sampled: well contained 0.02 feet of floating product											
MW-1	04/16/91						6.12	16.86	Not sampled: well contained floating product sheen											
MW-1	06/10/91		22.26				9.00	13.26	Not sampled: well contained floating product sheen											
MW-1	10/10/91						9.73	12.53(i)	Not sampled: well contained 0.04 feet of floating product											
MW-1	03/23/92						7.40	14.86	Not sampled: well contained floating product sheen											
MW-1	06/08/92						9.08	13.18(i)	Not sampled: well contained 0.02 feet of floating product											
MW-1	09/15/92						9.18	14.08	Not sampled: well contained 0.02 feet of floating product											
MW-1	11/16/92						9.09	13.17(i)	Not sampled: well contained 0.02 feet of floating product											
MW-1	02/16/93						7.03	15.23(i)	Not sampled: well contained 0.01 feet of floating product											
MW-1	05/13/93						8.08	14.18(i)	Not sampled: well contained 0.01 feet of floating product											
MW-1	08/17/93						8.81	13.45(i)	Not sampled: well contained 0.01 feet of floating product											
MW-1	11/08/93						9.22	13.04(i)	Not sampled: well contained 0.01 feet of floating product											
MW-1	02/14/94						7.72	14.54	Not sampled: well contained floating product sheen											
MW-1	05/05/94						8.47	13.79	Not sampled: well contained floating product sheen											
MW-1	08/04/94						8.72	13.54	Not sampled: well contained floating product sheen											
MW-1	11/20/94						7.81	14.45	Not sampled: well contained floating product sheen											
MW-1	03/17/95						6.57	15.69	120,000	5,300	370	1,500	13,000	NA	NA	NA	NA			
MW-1	06/01/95						7.87	14.39	250,000	7,100	950	3,500	21,000	NA	NA	NA	NA			
MW-1	08/31/95						8.12	14.15(i)	Not sampled: well contained 0.01 feet of floating product											
MW-1	11/27/95						8.42	13.84	310,000	4,600	770	5,700	21,000	NA	NA	NA	NA			
MW-1	02/22/96						6.01	16.25	100,000	6,200	320	2,500	12,000	ND<1,000(j)	NA	NA	NA			
MW-1	05/20/96						7.03	15.23	340,000	6,600	240	4,500	22,000	ND<1,000	NA	NA	NA			
MW-1	08/26/96						8.16	14.10	210,000	7,900	320	3,400	15,000	ND<1,000	NA	NA	NA			
MW-1	11/20/96						7.84	14.42	62,000	5,900	77	2,000	7,700	ND<300	NA	NA	NA			
MW-1	03/24/97		19.19				8.05	11.14	170,000	6,500	ND<200	2,400	9,900	ND<1,000	NA	NA	NA			
MW-1	05/23/97						8.42	10.77	83,000	6,200	84	2,500	9,000	ND<300	NA	NA	NA			
MW-1	08/19/97						8.65	10.54	83,000	4,500	ND<100	2,200	8,100	ND<600	NA	NA	NA			
MW-1	11/19/97						8.54	10.65	250,000	4,400	ND<500	3,800	9,900	ND<3,000	NA	NA	NA			
MW-1	02/19/98						5.57	13.62	74,000	2,500	120	2,200	4,100	ND<300	NA	NA	NA			
MW-1	04/23/98						6.92	12.27	210,000	2,700	ND<500	4,200	8,300	ND<3,000	NA	1.5	NA			
MW-1	07/27/98						8.14	11.05	73,000	2,100	88	2,600	4,600	ND<300	NA	1.0	NA			
MW-1	10/14/98						8.58	10.61	47,000	2,900	ND<500	2,300	3,900	ND<300	NA	1.5	NA			
MW-1	01/21/99						7.48	11.71	45,000	1,400	64	2,100	2,400	ND<300	NA	1.0	NA			
MW-1	05/06/99						8.00	11.19	41,000	1,900	ND<20	2,800	3,400	ND<120	NA	0.85	NA			
MW-1	08/23/99						8.56	10.63	26,000	1,700	52	1,600	1,500	ND<75	NA	0.72	NA			
MW-1	10/28/99						8.92	10.27	38,000	2,500	35	2,400	2,500	ND<200	NA	0.70	NA			

Table 1
Groundwater Elevation and Analytical Data

Atlantic Richfield Company Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-1	02/04/00						8.48	10.71	19,000	960	13	1,200	860	ND<60	NA	2.11	NA
MW-1	06/20/00						8.20	10.99	23,000	2,400	50	1,800	680	ND<200	NA	NA	NA
MW-1	09/29/00						8.55	10.64	23,600	2,880	ND<50	2,130	871	ND<250	430(a);1,100(b)	NA	NA
MW-1	12/17/00						8.28	10.91	21,600	1,980	ND<50	1,610	664	ND<250	270(a);900(b)	NA	NA
MW-1	03/28/01						8.13	11.06	19,800	2,310	ND<100	2,010	517	ND<500	11(c)	NA	NA
MW-1	06/20/01						8.60	10.59	17,000	2,200	23	1,800	320	100	NA	NA	NA
MW-1	09/22/01						9.03	10.16	20,000	2,900	ND<200	2,500	270	ND<1000	360(a); 980(b)	NA	NA
MW-1	12/27/01						7.93	11.26	15,000	2,000	ND<50	1,700	140	290	370(a);1,200(b)	NA	NA
MW-1	03/15/02						7.89	11.30	12,000	1,800	ND<50	1,400	79	ND<250	220(a); 880(b)	NA	NA
MW-1	04/18/02						7.05	12.14	16,000	3,000	180	2,600	320	ND<250	250(a); 880(b)	1.26	NA
MW-1	07/23/02	NP					8.7	10.49	14,000(e)	3,200	ND<50	2,100	ND<50	ND<250	470(a);1,100(b)	0.9	6.8
MW-1	10/16/02	NP					9.12	10.07	14,000(d)	2,100	ND<25	2,000	31	ND<120	490(a);1,500(b)	0.8	7.1
MW-1	01/23/03(g)	NP					7.45	11.74	6,000	680	ND<50	800	ND<50	ND<50	250(a);800(b);75(f)	0.9	6.8
MW-1	04/07/03	NP					7.68	11.51	6,400	940	6.6	810	11	69	260(a);700(b)	1.1	6.9
MW-1	08/07/03	NP	sheen				8.75	10.44	12,000	1,500	27	1,700	42	160	360(a);1,100(b)	NA (k)	6.4
MW-1	10/23/03	NP					8.96	10.23	14,000	1,700	ND<25	1,600	ND<25	220	370(a);1,100(b)	0.7	6.8
MW-1	01/12/04 ^(f)	P					7.99	11.20	8,800	1,100	ND<25	980	ND<25	140	330(a);1,000(b);62(n)	0.2	7.2
MW-1	4/20/04 ^(a)	NP	24.78				8.87	15.91	12,000	1,600	ND<25	920	36	84	140(n);440(a);1,200(b)	1.5	6.6
MW-2	07/18/90		22.06	8.0	NA	12.1	7.86	14.20	35,000	3,800	2,900	690	3,600	NA	NA	NA	NA
MW-2	10/15/90						8.61	13.45	6,400	650	290	110	560	NA	NA	NA	NA
MW-2	01/09/91						8.43	13.63	13,000	1,500	970	390	1,500	NA	NA	NA	NA
MW-2	04/16/91						6.97	15.09	54,000	5,200	9,000	1,500	7,700	NA	NA	NA	NA
MW-2	06/10/91		21.33				7.91	13.42	26,000	3,000	2,500	880	4,200	NA	NA	NA	NA
MW-2	10/10/91						8.82	12.51	10,000	1,600	910	280	1,400	NA	NA	NA	NA
MW-2	03/23/92						6.86	14.47	33,000	4,100	5,000	1,100	5,300	NA	NA	NA	NA
MW-2	06/08/92						7.95	13.38	18,000	1,200	980	330	1,800	NA	NA	NA	NA
MW-2	09/15/92						8.71	12.62	13,000	430	500	340	1,800	NA	NA	NA	NA
MW-2	11/16/92						7.93	13.40	13,000	900	940	300	1,400	NA	NA	NA	NA
MW-2	02/16/93						6.02	15.31	20,000	1,800	1,200	530	2,700	NA	NA	NA	NA
MW-2	05/13/93						6.99	14.34	13,000	1,000	470	370	1,900	NA	NA	NA	NA
MW-2	08/17/93						7.85	13.48	9,100	770	160	310	1,500	NA	NA	NA	NA
MW-2	11/08/93						8.12	13.21	9,200	380	62	130	630	NA	NA	NA	NA
MW-2	02/14/94						6.88	14.45	8,700	670	370	50	1,400	NA	NA	NA	NA
MW-2	05/05/94						7.51	13.82	5,600	390	140	120	480	NA	NA	NA	NA
MW-2	08/04/94						8.00	13.33	2,300	180	ND<2.5*	ND<2.5*	230	NA	NA	NA	NA
MW-2	11/20/94						6.86	14.47	4,900	170	150	120	390	NA	NA	NA	NA
MW-2	03/17/95						6.12	15.21	10,000	460	77	260	550	NA	NA	NA	NA

Table 1
Groundwater Elevation and Analytical Data

Atlantic Richfield Company Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-2	06/01/95						6.56	14.77	13,000	400	78	210	410	NA	NA	NA	NA
MW-2	08/31/95						7.18	14.15	5,000	280	18	120	140	ND<50	NA	NA	NA
MW-2	11/27/95						7.39	13.94	3,200	230	12	77	90	NA	NA	NA	NA
MW-2	02/22/96						5.78	15.55	11,000	290	67	190	330	ND<50	NA	NA	NA
MW-2	05/20/96						6.27	15.06	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	08/26/96						7.30	14.03	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	11/20/96						7.28	14.05	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	03/24/97		21.12				7.11	14.01	4,800	570	6	71	32	67	NA	NA	NA
MW-2	05/23/97						7.44	13.68	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	08/19/97						7.64	13.48	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	11/19/97						7.70	13.42	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	02/19/98						5.22	15.90	2,000	160	50	66	230	25	NA	NA	NA
MW-2	04/23/98						6.24	14.88	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	07/27/98						7.02	14.10	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	10/14/98						7.54	13.58	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	01/21/99						7.15	13.97	1,700	84	4	31	10	13	NA	0.5	NA
MW-2	05/06/99						6.95	14.17	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	08/23/99						7.49	13.63	NS	NS	NS	NS	NS	NS	NS	0.68	NA
MW-2	10/28/99						7.92	13.20	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	02/04/00						6.61	14.51	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	06/20/00						7.12	14.00	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	09/29/00						7.60	13.52	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	12/17/00						7.42	13.70	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	03/28/01						6.84	14.28	838	18.1	ND<5.0	7.63	5.98	39.5	NA	NA	NA
MW-2	06/20/01						7.66	13.46	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	09/22/01						8.08	13.04	NS	NS	NS	NS	NS	NS	NA	NA	NA
MW-2	12/27/01						6.48	14.64	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	03/15/02						6.84	14.28	100	ND<0.5	ND<0.5	2.5	ND<0.5	75	NA	NA	NA
MW-2	04/18/02						6.19	14.93	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-2	07/23/02						7.73	13.39	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-2	10/16/02						8.10	13.02	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-2	01/23/03 ^(g)	P					6.52	14.60	ND<5,000	ND<50	ND<50	ND<50	ND<50	95	NA	1.6	7.2
MW-2	04/07/03						7.22	13.90	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-2	08/07/03						7.84	13.28	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-2	10/23/03 ^(m)	P					7.95	13.17	ND<250	ND<2.5	ND<2.5	ND<2.5	4.2	68	NA	4.6	7.6
MW-2	01/12/04 ^(m,r)						6.60	14.52	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-2	4/20/04 ^(e)		23.87				8.32	15.55	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1
Groundwater Elevation and Analytical Data

Atlantic Richfield Company Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft. bgs)	Bottom of Screen (ft. bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)		
MW-3	07/18/90		20.84	8.0	NA	11.9	7.03	13.81	NA	NA	NA	NA	NA	NA	NA	NA	NA		
MW-3	10/15/90						8.19	12.65(i)	Not sampled: well contained 0.75 feet of floating product										
MW-3	01/09/91						7.46	13.38(i)	Not sampled: well contained 0.30 feet of floating product										
MW-3	04/16/91						7.95	12.89	Not sampled: well contained floating product sheen										
MW-3	06/10/91		20.11				7.14	12.97	Not sampled: well contained floating product sheen										
MW-3	10/10/91						7.82	12.29(i)	Not sampled: well contained 0.26 feet of floating product										
MW-3	03/23/92						5.75	14.36	Not sampled: well contained floating product sheen										
MW-3	06/08/92						7.52	12.59(i)	Not sampled: well contained 0.02 feet of floating product										
MW-3	09/15/92						8.01	12.10(i)	Not sampled: well contained 0.02 feet of floating product										
MW-3	11/16/92						7.11	13.00	Not sampled: well contained floating product sheen										
MW-3	02/16/93						5.93	14.18(i)	Not sampled: well contained 0.01 feet of floating product										
MW-3	05/13/93						6.37	13.74(i)	Not sampled: well contained 0.01 feet of floating product										
MW-3	08/17/93						7.00	13.11(i)	Not sampled: well contained 0.01 feet of floating product										
MW-3	11/08/93						7.31	12.80	430,000	4,100	14,000	6,400	37,000	NA	NA	NA	NA		
MW-3	02/14/94						5.81	14.30	85,000	4,200	12,000	2,500	16,000	NA	NA	NA	NA		
MW-3	05/05/94						6.81	13.30	560,000	4,600	14,000	5,300	40,000	NA	NA	NA	NA		
MW-3	08/04/94						7.31	12.80	64,000	4,200	7,600	1,700	12,000	NA	NA	NA	NA		
MW-3	11/20/94						5.88	14.23	80,000	4,700	9,700	2,400	15,000	NA	NA	NA	NA		
MW-3	03/17/95						5.46	14.65	370,000	4,800	12,000	5,800	34,000	NA	NA	NA	NA		
MW-3	06/01/95						6.34	13.77	270,000	6,000	11,000	5,200	28,000	NA	NA	NA	NA		
MW-3	08/31/95						6.60	13.52(i)	Not sampled: well contained 0.02 feet of floating product										
MW-3	11/27/95						6.76	13.35	150,000	5,100	8,800	3,900	21,000	NA	NA	NA	NA		
MW-3	02/22/96						5.14	14.97	150,000	4,400	7,600	4,100	22,000	ND<3,000	NA	NA	NA		
MW-3	05/20/96						5.17	14.94	410,000	4,700	8,000	6,300	36,000	ND<3,000	NA	NA	NA		
MW-3	08/26/96						7.04	13.07	260,000	4,000	6,100	4,200	24,000	ND<2,000	NA	NA	NA		
MW-3	11/20/96						6.26	13.85	190,000	3,200	5,800	3,300	20,000	ND<1,000	NA	NA	NA		
MW-3	03/24/97		22.99				6.94	16.05	430,000	2,700	7,600	7,000	39,000	ND<5,000	NA	NA	NA		
MW-3	05/23/97						6.98	16.01	130,000	2,100	4,300	3,500	19,000	ND<700	NA	NA	NA		
MW-3	08/19/97						7.25	15.74	100,000	2,000	3,200	ND<100	19,000	ND<600	NA	NA	NA		
MW-3	11/19/97						7.25	15.74	93,000	1,700	2,400	2,800	16,000	ND<600	NA	NA	NA		
MW-3	02/19/98						5.24	17.75	80,000	620	1,200	2,500	13,000	ND<600	NA	NA	NA		
MW-3	04/23/98						6.60	16.39	130,000	1,500	2,400	3,500	18,000	ND<600	NA	3.5	NA		
MW-3	07/27/98						7.00	15.99	140,000	920	1,500	2,400	13,000	ND<600	NA	1.0	NA		
MW-3	10/14/98						7.04	15.95	300,000	1,200	2,400	5,700	32,000	970	NA	1.0	NA		
MW-3	01/21/99						6.50	16.49	120,000	860	1,500	2,600	14,000	ND<600	NA	0.5	NA		
MW-3	05/06/99						6.90	16.09	49,000	670	1,400	2,500	11,000	170	NA	1.03	NA		
MW-3	08/23/99						6.53	16.46	51,000	440	930	2,200	9,200	ND<150	NA	0.67	NA		
MW-3	10/28/99						7.50	15.49	1,400,000	830	4,100	15,000	78,000	ND<5,000	NA	0.77	NA		

Table 1
Groundwater Elevation and Analytical Data

Atlantic Richfield Company Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft. bgs)	Bottom of Screen (ft. bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-3	02/04/00						6.21	16.78	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	650	NA	1.61	NA
MW-3	06/20/00						6.22	16.77	45,000	670	990	2,400	12000	ND<500	NA	NA	NA
MW-3	09/29/00						7.20	15.79	51,000	860	1,120	2,720	12900	ND<250	NA	NA	NA
MW-3	12/17/00						NM	NM	NS	NS	NS	NS	NS	NS	NA	NA	NA
MW-3	03/28/01						6.10	16.89	43,500	804	ND<200	250	11,000	ND<1,000	NA	NA	NA
MW-3	06/20/01						6.14	16.85	62,000	1,000	850	2,800	13,000	ND<2,500	NA	NA	NA
MW-3	09/22/01						7.24	15.75	53,000	1,200	1,200	3,100	13,000	ND<1,000	NA	NA	NA
MW-3	12/27/01						7.00	15.99	44,000	860	840	2,300	10,000	ND<250	NA	NA	NA
MW-3	03/15/02						7.02	15.97	43,000	1,000	810	2,300	11,000	ND<250	NA	NA	NA
MW-3	04/18/02						NM	NM	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-3	07/23/02	P					7.22	15.77	45,000(d)	750	570	2,100	10,000	ND<250	NA	1.0	8.0
MW-3	10/16/02	P					7.54	15.45	42,000(d)	780	620	2,500	11,000	ND<250	NA	1.4	7.7
MW-3	01/23/03 ^(b)	P					6.85	16.14	68,000	580	500	3,300	16,000	ND<100	NA	1.3	7.0
MW-3	04/07/03	P					7.05	15.94	48,000	620	450	2,200	11,000	ND<50	NA	1.4	6.9
MW-3	08/07/03 ^(m)	P					6.89	16.10	35,000	360	250	1,700	8,100	ND<100	NA	2.4	8.9
MW-3	10/23/03 ^(m)	P					7.05	15.94	36,000	340	250	1,700	8,300	ND<25	NA	1	7.2
MW-3	01/12/04 ^(m,r)	NP					5.93	17.06	1,100	ND<5.0	ND<5.0	ND<5.0	34	ND<5.0	NA	3.2	9.5
MW-3	4/20/04 ^(u)	P	22.63				7.60	15.03	30,000	210	170	1,700	7,300	ND<50	NA	1.6	7.8
MW-4	06/10/91		20.75	8.3	NA	NA	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-4	10/10/91						DRY	DRY	15,000	5,300	1,500	470	1,300	NA	NA	NA	NA
MW-4	03/23/92						DRY	DRY	24,000	5,600	4,000	580	3,100	NA	NA	NA	NA
MW-4	06/08/92						DRY	DRY	5,700	2,000	170	92	270	NA	NA	NA	NA
MW-4	09/15/92						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-4	11/16/92						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-4	02/16/93						7.10	13.65	12,000	920	1,100	130	750	NA	NA	NA	NA
MW-4	05/13/93						7.02	13.73	19,000	2,900	2,800	360	1,900	NA	NA	NA	NA
MW-4	08/17/93						7.85	12.90	8,100	1,600	1,300	170	730	NA	NA	NA	NA
MW-4	11/08/93						DRY	DRY	2,000	540	110	10	240	NA	NA	NA	NA
MW-4	02/14/94						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-4	05/05/94						7.73	13.02	1,900	510	78	31	150	NA	NA	NA	NA
MW-4	08/04/94						7.83	12.92	1,300	360	17	ND<5*	190	NA	NA	NA	NA
MW-4	11/20/94						7.73	13.02	ND<50	2.9	0.5	ND<0.5	1.4	NA	NA	NA	NA
MW-4	03/17/95						6.65	14.10	16,000	1,800	970	310	2,500	NA	NA	NA	NA
MW-4	06/01/95						7.25	13.50	16,000	2,800	870	380	2,700	NA	NA	NA	NA
MW-4	08/31/95						7.75	13.00	9,000	2,000	270	270	1,400	ND<100	NA	NA	NA
MW-4	11/27/95						7.87	12.88	3,800	890	130	130	550	NA	NA	NA	NA
MW-4	02/22/96						7.29	13.46	940	150	82	19	130	ND<20	NA	NA	NA

Table 1
Groundwater Elevation and Analytical Data

Atlantic Richfield Company Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-4	05/20/96		22.38				7.30	13.45	6,700	1,100	330	120	1,100	ND<100	NA	NA	NA
MW-4	08/26/96						7.57	13.18	14,000	2,400	510	350	2,100	ND<100	NA	NA	NA
MW-4	11/20/96						7.89	12.86	420	55	17	11	62	ND<3	NA	NA	NA
MW-4	03/24/97						6.90	15.48	6,800	620	150	81	1,300	ND<50	NA	NA	NA
MW-4	05/23/97						7.80	14.58	9,000	1,300	240	200	1,600	ND<60	NA	NA	NA
MW-4	08/19/97						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-4	11/19/97						DRY	DRY	3700 ^j	600	93	120	710	ND<60	NA	NA	NA
MW-4	02/19/98						6.78	15.60	1,800	93	51	29	420	110	NA	NA	NA
MW-4	04/23/98						6.47	15.91	6,500	700	110	180	1,300	93	NA	0.5	NA
MW-4	07/27/98						7.22	15.16	10,000	1,400	140	290	1,900	ND<120	NA	1.5	NA
MW-4	10/14/98						7.60	14.78	6,500	900	63	200	1,200	63	NA	1.0	NA
MW-4	01/21/99						7.43	14.95	1,700	140	22	56	320	13	NA	0.5	NA
MW-4	05/06/99						6.55	15.83	3,300	250	36	73	890	41	NA	1.28	NA
MW-4	08/23/99						7.16	15.22	7,400	500	73	230	1,700	57	NA	0.89	NA
MW-4	10/28/99						8.28	14.10	370	41	5.7	14	52	16	NA	0.92	NA
MW-4	02/04/00						8.23	14.15	310	33	7.5	11	65	8	NA	2.43	NA
MW-4	06/20/00						6.46	15.92	2,700	210	20	94	520	46	NA	NA	NA
MW-4	09/29/00						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-4	12/17/00						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-4	03/28/01						7.49	14.89	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	06/20/01						7.21	15.17	13,000	690	170	330	1,400	110	NA	NA	NA
MW-4	09/22/01						7.43	14.95	6,700	650	110	410	1,800	100	NA	NA	NA
MW-4	12/27/01						7.32	15.06	1,200	47	15	46	250	15	NA	NA	NA
MW-4	03/15/02						7.43	14.95	490	34	7.4	26	110	12	NA	NA	NA
MW-4	04/18/02						7	15.38	ND<50	0.57	0.83	ND<0.5	1.1	3.7	NA	NA	NA
MW-4	07/23/02	NP					7.70	14.68	820(d)	80	12	23	190	41	NA	2.2	7.3
MW-4	10/16/02	NP					7.75	14.63	2,000(d)	220	25	140	570	ND<25	NA	1.8	7.6
MW-4	01/23/03 ^(e)	NP					7.11	15.27	ND<250	ND<2.5	ND<2.5	ND<2.5	8.8	5.9	NA	1.7	7.0
MW-4	04/07/03	NP					7.19	15.19	310	24	2.4	15	62	9.2	NA	1.1	7.1
MW-4	08/07/03 ^(m)	NP					7.45	14.93	3,000	280	ND<25	150	700	ND<25	NA	1.2	6.8
MW-4	10/23/03	NP					7.59	14.79	1,700	150	7.6	83	320	12	NA	0.9	6.9
MW-4	01/12/04 ^(r)	NP					7.40	14.98	260	4.4	ND<2.5	ND<2.5	27	4.3	NA	2.4	7.3
MW-4	4/20/04 ^(e)	NP	23.32				7.38	15.94	1,500	160	ND<5.0	50	320	12	NA	1.4	7.1
MW-5	06/10/91		20.90	8.00	NA	NA	7.58	13.32	100,000	25,000	20,000	2,600	12,000	NA	NA	NA	NA
MW-5	10/10/91						8.51	12.39	Not sampled: well contained floating product sheen								
MW-5	03/23/92						6.06	14.84	150,000	24,000	31,000	4,400	23,000	NA	NA	NA	NA
MW-5	06/08/92						7.66	13.24	120,000	17,000	13,000	2,400	11,000	NA	NA	NA	NA

Table 1
Groundwater Elevation and Analytical Data

Atlantic Richfield Company Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft. bgs)	Bottom of Screen (ft. bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-5	09/15/92						8.40	12.50	Not sampled: floating product entered well during purging								
MW-5	11/16/92						7.70	13.20	110,000	16,000	16,000	3,200	18,000	NA	NA	NA	NA
MW-5	02/16/93						5.64	15.26	150,000	12,000	15,000	3,000	17,000	NA	NA	NA	NA
MW-5	05/13/93						6.68	14.22	Not sampled: floating product entered well during purging								
MW-5	08/17/93						7.49	13.41	87,000	15,000	8,500	1,900	11,000	NA	NA	NA	NA
MW-5	11/08/93						7.93	12.97	87,000	12,000	8,300	2,000	12,000	NA	NA	NA	NA
MW-5	02/14/94						6.49	14.41	46,000	7,300	5,300	940	5,200	NA	NA	NA	NA
MW-5	05/05/94						7.18	13.72	54,000	9,700	4,700	1,000	6,400	NA	NA	NA	NA
MW-5	08/04/94						7.83	13.07	57,000	14,000	3,200	1,200	7,200	NA	NA	NA	NA
MW-5	11/20/94						6.34	14.56	33,000	5,700	1,800	720	4,700	NA	NA	NA	NA
MW-5	03/17/95						5.51	15.39	48,000	6,400	2,000	740	5,100	NA	NA	NA	NA
MW-5	06/01/95						6.55	14.35	76,000	11,000	5,400	1,400	7,700	NA	NA	NA	NA
MW-5	08/31/95						6.80	14.10	53,000	12,000	1,600	1,000	6,000	ND<500	NA	NA	NA
MW-5	11/27/95						7.13	13.77	43,000	7,900	3,300	950	4,900	NA	NA	NA	NA
MW-5	02/22/96						5.12	15.78	52,000	9,100	3,300	940	5,000	ND<500	NA	NA	NA
MW-5	05/20/96						5.87	15.03	55,000	9,300	3,800	1,100	5,400	ND<500	NA	NA	NA
MW-5	08/26/96						7.15	13.75	47,000	5,300	2,100	780	3,200	ND<300	NA	NA	NA
MW-5	11/20/96						6.88	14.02	53,000	8,700	5,700	920	4,400	ND<500	NA	NA	NA
MW-5	03/24/97		22.45				7.13	15.32	39,000	8,200	3,200	720	3,100	ND<500	NA	NA	NA
MW-5	05/23/97						7.42	15.03	29,000	6,600	1,700	400	1,500	ND<600	NA	NA	NA
MW-5	08/19/97						7.58	14.87	16,000	4,600	790	ND<50	1,300	ND<300	NA	NA	NA
MW-5	11/19/97						7.58	14.87	22,000	5,800	1,300	380	1,300	ND<300	NA	NA	NA
MW-5	02/19/98						4.65	17.80	40,000	5,100	3,800	620	2,900	ND<300	NA	NA	NA
MW-5	04/23/98						6.25	16.20	45,000	8,000	4,000	970	4,200	ND<600	NA	1.5	NA
MW-5	07/27/98						6.71	15.74	30,000	8,000	2,000	590	1,900	ND<600	NA	1.5	NA
MW-5	10/14/98						7.19	15.26	33,000	7,400	1,900	550	1,700	ND<300	NA	1.5	NA
MW-5	01/21/99						7.03	15.42	34,000	6,200	2,600	630	2,300	ND<600	NA	2.5	NA
MW-5	05/06/99						7.02	15.43	7,900	2,400	200	240	580	12	NA	1.07	NA
MW-5	08/23/99						7.04	15.41	25,000	5,800	2,300	570	2,000	67	NA	1.04	NA
MW-5	10/28/99						7.90	14.55	20,000	5,900	1,100	450	1,100	ND<250	NA	0.87	NA
MW-5	02/04/00						6.71	15.74	32,000	2,500	3,800	770	4,200	ND<75	NA	2.33	NA
MW-5	06/20/00						6.78	15.67	10,000	3,000	650	260	700	ND<200	NA	NA	NA
MW-5	09/29/00						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-5	12/17/00						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-5	03/28/01						6.48	15.97	23,400	4,160	3,450	728	3,090	ND<250	NA	NA	NA
MW-5	06/20/01						7.26	15.19	120,000	1,200	49	190	540	ND<100	NA	NA	NA
MW-5	09/22/01						DRY	DRY	NS	NS	NS	NS	NS	NS	NA	NA	NA
MW-5	12/27/01						6.56	15.89	16,000	1,500	2,700	730	3,200	ND<250	NA	NA	NA

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Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft. bgs)	Bottom of Screen (ft. bgs)	Well Depth (ft. bgs)	Depth to Groundwater (ft. TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-5	03/15/02						6.9	15.55	20,000	2,600	3,300	1,000	4,000	ND<250	NA	NA	NA
MW-5	04/18/02						6.17	16.28	17,000	3,200	2,900	790	3,000	ND<250	NA	NA	NA
MW-5	07/23/02	NP					7.36	15.09	4,600(d)	1,400	30	160	470	110	NA	1.7	7.5
MW-5	10/16/02	NP					7.66	14.79	5,400(d)	1,300	ND<20	62	150	ND<100	NA	1.1	7.5
MW-5	01/23/03 ⁽⁶⁾	NP					6.28	16.17	ND<5,000	110	ND<50	ND<50	98	ND<50	NA	1.1	7.6
MW-5	04/07/03	NP					7.21	15.24	1,600	310	18	36	62	32	NA	1.5	7.2
MW-5	08/07/03 ^(m)	NP					7.46	14.99	ND<50	1.8	ND<0.50	ND<0.50	ND<0.50	3.5	NA	12.2	9.0
MW-5	10/23/03 ^(m)	NP					7.68	14.77	76	14.0	ND<0.50	1	1	12	NA	11.8	7.9
MW-5	01/12/04 ^(m,r)	NP					6.34	16.11	ND<50	1.5	0.68	ND<0.50	0.62	11	NA	6.8	8.8
MW-5	4/20/04 ^(u)	NP	23.47				8.12	15.35	300	53	13	12	29	12	NA	8.9	8.5
MW-6	06/10/91		22.08	NA	NA	8.4	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	10/10/91						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	03/23/92						7.45	14.63	75,000	19,000	10,000	1,600	8,600	NA	NA	NA	NA
MW-6	06/08/92						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	09/15/92						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	11/16/92						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	02/16/93						6.79	15.29	65,000	14,000	3,500	1,300	6,100	NA	NA	NA	NA
MW-6	05/13/93						7.73	14.35	36,000	8,200	870	1,000	5,200	NA	NA	NA	NA
MW-6	08/17/93						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	11/08/93						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	02/14/94						7.78	14.30	47,000	14,000	390	1,000	5,100	NA	NA	NA	NA
MW-6	05/05/94						8.24	13.84	45,000	14,000	ND<200*	1,300	4,500	NA	NA	NA	NA
MW-6	08/04/94						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	11/20/94						7.41	14.67	30,000	11,000	ND<100*	1,200	2,300	NA	NA	NA	NA
MW-6	03/17/95						6.66	15.42	45,000	9,300	ND<100*	1,900	3,600	NA	NA	NA	NA
MW-6	06/01/95						7.60	14.48	23,000	5,600	ND<50	1,300	1,900	NA	NA	NA	NA
MW-6	08/31/95						7.92	14.16	26,000	8,000	ND<100	1,900	900	ND<500	NA	NA	NA
MW-6	11/27/95						8.21	13.87	6,700	1,800	ND<20	480	230	NA	NA	NA	NA
MW-6	02/22/96						6.21	15.87	17,000	3,100	69	810	1,500	ND<300	NA	NA	NA
MW-6	05/20/96						7.07	15.01	16,000	3,700	ND<50	1,100	1,100	ND<300	NA	NA	NA
MW-6	08/26/96						7.93	14.15	23,000	5,800	ND<50	2,000	560	ND<300	NA	NA	NA
MW-6	11/20/96						8.02	14.06	11,000	3,300	ND<50(j)	480	370	ND<300	NA	NA	NA
MW-6	03/24/97		22.77				7.95	14.82	9,700	1,900	ND<20	800	270	ND<100	NA	NA	NA
MW-6	05/23/97						8.17	14.60	16,000	4,300	ND<50	1,400	180	ND<300	NA	NA	NA
MW-6	08/19/97						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	11/19/97						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	02/19/98						5.78	16.99	2,600	540	8	90	88	ND<30	NA	NA	NA

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Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft. bgs)	Bottom of Screen (ft. bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-6	04/23/98						6.83	15.94	7,600	1,300	13	520	190	ND<60	NA	0.5	NA
MW-6	07/27/98						7.80	14.97	15,000	3,600	ND<25	1,100	230	ND<150	NA	1.0	NA
MW-6	10/14/98						8.31	14.46	8,700	2,400	ND<20	220	36	ND<120	NA	2.0	NA
MW-6	01/21/99						7.90	14.87	4,800	1,100	ND<25	340	79	ND<150	NA	2.0	NA
MW-6	05/06/99						7.70	15.07	1,300	240	2.3	85	19	5	NA	1.18	NA
MW-6	08/23/99						8.24	14.53	4,200	970	12	110	29	ND<15	NA	0.9	NA
MW-6	10/28/99						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NA
MW-6	02/04/00						7.31	15.46	110	ND<0.5	0.6	1.5	1.9	11	NA	1.1	NA
MW-6	06/20/00		22.77				DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	09/29/00						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	12/17/00						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	03/28/01						7.57	15.20	DRY	DRY	DRY	DRY	DRY	DRY	NA	NA	NA
MW-6	06/20/01						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-6	09/22/01						DRY	DRY	NS	NS	NS	NS	NS	NS	NA	NA	NA
MW-6	12/27/01						7.21	15.56	ND<50	3	1	1.1	2	ND<2.5	NA	NA	NA
MW-6	03/15/02						7.51	15.26	2,100	380	8.6	110	17	ND<25	NA	NA	NA
MW-6	04/18/02						6.89	15.88	2,200	440	12	96	14	52	NA	NA	NA
MW-6	07/23/02	NP					8.50	14.27	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	10/16/02						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	01/23/03 ⁽⁶⁾	NP					8.05	14.72	ND<5,000	ND<50	ND<50	ND<50	ND<50	ND<50	NA	2.1	6.4
MW-6	01/23/03 ^(6h)						NA	NA	ND<250	58	ND<2.5	6.2	3.8	17	NA	2.1	NA
MW-6	04/07/03	NP					8.11	14.66	330	13	ND<0.50	2.7	8.6	15	NA	2.2	6.9
MW-6	08/07/03						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	10/23/03						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	01/12/04 ^(r)	NP					7.63	15.14	3,600	560	ND<25	120	ND<25	150	NA	0.6	7.1
MW-6	4/20/04 ^(msu)	NP	24.66				8.54	16.12	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	06/10/91		22.89	8.00	NA	9.4	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	10/10/91						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	03/23/92						8.20	14.69	270	10	0.5	3	13	NA	NA	NA	NA
MW-7	06/08/92						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	09/15/92						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	11/16/92						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	02/16/93						7.84	15.05	120	3.6	ND<0.5	ND<0.5	1.2	NA	NA	NA	NA
MW-7	05/13/93						8.56	14.33	ND<50	0.8	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-7	08/17/93						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	11/08/93						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	02/14/94						8.80	14.09	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA

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Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-7	05/05/94						9.11	13.78	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-7	08/04/94						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	11/20/94						8.72	14.17	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-7	03/17/95						7.68	15.21	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-7	06/01/95						8.40	14.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-7	08/31/95						9.09	13.80	ND<50	ND<0.5	ND<0.5	0.6	ND<0.5	ND<3	NA	NA	NA
MW-7	11/27/95						9.15	13.74	ND<50	ND<0.5	ND<0.5	0.9	ND<0.5	NA	NA	NA	NA
MW-7	02/22/96						7.44	15.45	110	1.4	ND<0.5	3.8	3.0	ND<3	NA	NA	NA
MW-7	05/20/96						8.47	14.42	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	08/26/96						8.81	14.08	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	11/20/96						9.17	13.72	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	03/24/97						8.31	14.58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	NA	NA
MW-7	05/23/97						9.26	13.63	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	08/19/97						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	11/19/97						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	02/19/98						6.13	16.76	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	NA	NA
MW-7	04/23/98						7.44	15.45	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	0.5	NA
MW-7	07/27/98						8.75	14.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	1.5	NA
MW-7	10/14/98						9.22	13.67	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	1.5	NA
MW-7	01/21/99						9.07	13.82	52	ND<0.5	ND<0.5	ND<0.5	0.27	ND<3	NA	3	NA
MW-7	05/06/99						8.32	14.57	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	0.83	NA
MW-7	08/23/99						9.25	13.64	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	1.42	NA
MW-7	10/28/99						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NA
MW-7	02/04/00						8.79	14.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	NA	4.46	NA
MW-7	06/20/00						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	09/29/00						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-7	12/17/00						8.93	13.96	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-7	03/28/01						8.35	14.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-7	06/20/01						DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	NA	NA
MW-7	09/22/01						DRY	DRY	NS	NS	NS	NS	NS	NS	NA	NA	NA
MW-7	12/27/01						8.42	14.47	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-7	03/15/02						8.54	14.35	ND<50	1.3	2.6	1.1	5.4	ND<2.5	NA	NA	NA
MW-7	04/18/02						7.84	15.05	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	3.32	NA
MW-7	07/23/02	NP					9.51	13.38	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	10/16/02						DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	01/23/03 ⁽⁶⁾	NP					8.04	14.85	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	5.4	6.7
MW-7	04/07/03	NP					8.39	14.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	5.1	6.9
MW-7	08/07/03	NP					9.01	13.88	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	4.5	6.9

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MW-7	10/23/03	NP					9.22	13.67	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	4.1	7.2
MW-7	01/12/04 ^(r)	NP					8.81	14.08	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	5.8	7.3
MW-7	4/20/04 ^(m,u)	NP	25.46				8.95	16.51	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	5.6	7.2
MW-8	06/10/91		20.97	NA	NA	10.1	7.80	13.17	5,800	73	7.2	150	21	NA	NA	NA	NA
MW-8	10/10/91						8.87	12.10	2,800	31	6.1	4.5	3.9	NA	NA	NA	NA
MW-8	03/23/92						5.81	15.16	8,000	18	ND<5*	320	42	NA	NA	NA	NA
MW-8	06/08/92						8.01	12.96	4,000	ND<10*	ND<10*	110	ND<10*	NA	NA	NA	NA
MW-8	09/15/92						8.80	12.17	4,200	6.4	ND<5*	120	ND<5*	NA	NA	NA	NA
MW-8	11/16/92						8.19	12.78	2,600	4	ND<2.5*	21	5.2	NA	NA	NA	NA
MW-8	02/16/93						5.84	15.13	8,700	ND<5*	ND<5*	200	ND<5*	NA	NA	NA	NA
MW-8	05/13/93						6.93	14.04	2,300	ND<5*	ND<5*	42	ND<5*	NA	NA	NA	NA
MW-8	08/17/93						7.87	13.10	1,700	1.8	ND<1.3*	16	1.2	NA	NA	NA	NA
MW-8	11/08/93						8.31	12.66	1,200	2.4	ND<1*	19	2.3	NA	NA	NA	NA
MW-8	02/14/94						7.00	13.97	3,600	3	ND<1*	72	ND<1*	NA	NA	NA	NA
MW-8	05/05/94						7.46	13.51	2,100	ND<2.5*	ND<2.5*	8.3	ND<2.5*	NA	NA	NA	NA
MW-8	08/04/94						8.17	12.80	1,200	1.5	ND<1*	6.7	ND<1*	NA	NA	NA	NA
MW-8	11/20/94						6.78	14.19	2,300	1.2	1.1	20	2.2	NA	NA	NA	NA
MW-8	03/17/95						6.14	14.83	5,400	ND<5*	ND<5*	35	ND<5*	NA	NA	NA	NA
MW-8	06/01/95						6.50	14.47	2,600	ND<2.5	ND<2.5	15	ND<2.5	NA	NA	NA	NA
MW-8	08/31/95						7.35	13.62	1,400	ND<3	ND<3	5	ND<3	520	NA	NA	NA
MW-8	11/27/95						7.60	13.37	620	ND<0.5	ND<0.5	ND<0.5	0.5	560	NA	NA	NA
MW-8	2/22/1996 ^(o)						5.35	15.62	5,800	ND<5	ND<5	28	ND<5	110	NA	NA	NA
MW-8	5/20/1996 ^(p)						5.92	15.05	6,100	ND<5	ND<5	26	ND<5	240	NA	NA	NA
MW-8	8/26/1996 ^(q)						7.08	13.89	970	ND<1	ND<1	3	ND<1	710	NA	NA	NA
MW-8	11/20/96						7.01	13.96	3,900	ND<2.5	ND<2.5	12	ND<2.5	930	NA	NA	NA
MW-8	03/24/97		20.89				7.33	13.56	1,400	ND<10	ND<10	ND<10	12	1,300	NA	NA	NA
MW-8	05/23/97						7.55	13.34	730	ND<5	ND<5	ND<5	ND<5	630	NA	NA	NA
MW-8	08/19/97						7.87	13.02	ND<500	ND<5	ND<5	ND<5	ND<5	290	NA	NA	NA
MW-8	11/19/97						7.87	13.02	ND<200	ND<2	ND<2	ND<2	ND<2	260	NA	NA	NA
MW-8	02/19/98						4.46	16.43	2,000	ND<2	ND<2	9	ND<2	140	NA	NA	NA
MW-8	04/23/98						6.35	14.54	4,500	ND<5	ND<5	ND<5	11	590	NA	0.5	NA
MW-8	07/27/98						7.43	13.46	NS	NS	NS	NS	NS	NS	NS	NS	NA
MW-8	10/14/98						7.79	13.10	NS	NS	NS	NS	NS	NS	NS	NS	NA
MW-8	01/21/99						6.54	14.35	2,000	ND<2	ND<2	3	ND<2	320	NA	2.5	NA
MW-8	05/06/99						7.30	13.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	160	NA	12.76	NA
MW-8	08/23/99						7.45	13.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5	NA	7.85	NA
MW-8	10/28/99						8.22	12.67	160	ND<0.5	ND<0.5	ND<0.5	ND<1	45	NA	0.84	NA

Table 1
Groundwater Elevation and Analytical Data

Atlantic Richfield Company Service Station # 601
712 Lewelling Boulevard
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Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft. bgs)	Bottom of Screen (ft. bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-8	02/04/00						8.47	12.42	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	NA	1.92	NA
MW-8	06/20/00						7.23	13.66	150	ND<0.5	0.9	ND<0.5	ND<1.0	310	NA	NA	NA
MW-8	09/29/00						7.91	12.98	149	ND<0.5	ND<0.5	ND<0.5	ND<0.5	438	NA	NA	NA
MW-8	12/17/00						7.11	13.78	662	ND<5.0	ND<5.0	ND<5.0	ND<5.0	273	NA	NA	NA
MW-8	03/28/01						6.88	14.01	840	ND<5.0	ND<5.0	ND<5.0	ND<5.0	320	NA	NA	NA
MW-8	06/20/01						7.25	13.64	230	ND<0.5	ND<0.5	ND<0.5	0.65	330	NA	NA	NA
MW-8	09/22/01						8.14	12.75	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	6.5	NA	NA	NA
MW-8	12/27/01						6.73	14.16	780	ND<0.5	ND<0.5	0.6	0.89	160	NA	NA	NA
MW-8	03/15/02						6.94	13.95	1,100	ND<10	ND<10	ND<10	ND<10	830	NA	NA	NA
MW-8	04/18/02						NM	NM	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-8	07/23/02	NP					7.89	13.00	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8.7	NA	4.5	7.7
MW-8	10/16/02	NP					8.13	12.76	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NA	4.2	7.5
MW-8	01/23/03 ^(st)	NP					6.47	14.42	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.6	NA	4.0	7.5
MW-8	04/07/03	NP					7.49	13.40	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19	NA	4.7	7.5
MW-8	08/07/03 ^(m)	NP					7.93	12.96	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.96	NA	14.8	8.3
MW-8	10/23/03 ^(m)	NP					7.83	13.06	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.20	NA	14.3	8.6
MW-8	01/12/04 ^(max)	NP					6.62	14.27	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	13	NA	11.2	9.0
MW-8	4/20/04 ^(max)	NP	23.55				8.21	15.34	55 ^(t)	ND<0.50	ND<0.50	ND<0.50	ND<0.50	25	NA	10.1	8.7
MW-9	06/11/93		20.89	NA	NA	15.9	8.15	12.74	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-9	08/17/93						8.53	12.36	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-9	11/08/93						8.87	12.02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-9	02/14/94						7.47	13.42	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-9	05/05/94						8.04	12.85	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-9	08/04/94						8.78	12.11	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-9	11/20/94						6.83	14.06	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-9	03/17/95						6.94	13.95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-9	06/01/95						8.15	12.74	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-9	08/31/95						8.10	12.79	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-9	11/27/95						8.38	12.51	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-9	02/22/96						7.36	13.53	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-9	05/20/96						7.81	13.08	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-9	08/26/96						8.00	12.89	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-9	11/20/96						7.06	13.83	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-9	03/24/97		22.26				7.74	14.52	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-9	05/23/97						8.28	13.98	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-9	08/19/97						8.32	13.94	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-9	11/19/97						8.32	13.94	NS	NS	NS	NS	NS	NS	NS	NA	NA

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Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-9	02/19/98						7.11	15.15	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-9	04/23/98						8.18	14.08	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-9	07/27/98						7.97	14.29	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	3.6	NA
MW-9	10/14/98						8.29	13.97	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	2.5	NA
MW-9	01/21/99						7.63	14.63	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	1.5	NA
MW-9	05/06/99						7.27	14.99	NS	NS	NS	NS	NS	NS	NS	NS	NA
MW-9	08/23/99						8.24	14.02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	1.93	NA
MW-9	10/28/99						8.63	13.63	NS	NS	NS	NS	NS	NS	NS	NS	NA
MW-9	02/04/00						8.01	14.25	ND<50	ND<0.50	1.6	ND<0.50	ND<1	ND<3	NA	1.47	NA
MW-9	06/20/00						8.01	14.25	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-9	09/29/00						8.44	13.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.44	NA	NA	NA
MW-9	12/17/00						7.84	14.42	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-9	03/28/01						7.58	14.68	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-9	06/20/01						7.75	14.51	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-9	09/22/01						8.69	13.57	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	7.8	NA	NA	NA
MW-9	12/27/01						7.15	15.11	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-9	03/15/02						7.23	15.03	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-9	04/18/02						6.79	15.47	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-9	07/23/02	P					8.3	13.96	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NA	1.4	7.2
MW-9	10/16/02						8.64	13.62	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-9	01/23/03 ^(a)	P					7.35	14.91	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.2	NA	3.0	7.2
MW-9	04/07/03						7.81	14.45	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-9	08/07/03						8.31	13.95	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-9	10/23/03						8.48	13.78	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-9	1/12/2004 ⁽ⁱ⁾						7.46	14.80	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-9	4/20/04 ^(a)		23.64				8.65	14.99	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	06/11/93		21.12	NA	NA	11.9	8.14	12.98	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-10	08/17/93						8.54	12.58	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-10	11/08/93						8.70	12.42	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-10	02/14/94						7.13	13.99	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-10	05/05/94						8.08	13.04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-10	08/04/94						8.84	12.28	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-10	11/20/94						7.05	14.07	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-10	03/17/95						6.26	14.86	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-10	06/01/95						7.63	13.49	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA
MW-10	08/31/95						8.17	12.95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-10	11/27/95						8.38	12.74	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA

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Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft. bgs)	Bottom of Screen (ft. bgs)	Well Depth (ft. bgs)	Depth to Groundwater (ft. TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-10	02/22/96						5.41	15.71	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-10	05/20/96						6.78	14.34	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-10	08/26/96						8.00	13.12	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-10	11/20/96						7.81	13.31	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-10	03/24/97		21.33				7.87	13.46	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-10	05/23/97						8.33	13.00	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-10	08/19/97						8.39	12.94	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-10	11/19/97						8.39	12.94	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-10	02/19/98						4.65	16.68	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA
MW-10	04/23/98						6.28	15.05	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	0.5	NA
MW-10	07/27/98						7.97	13.36	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	3.3	NA
MW-10	10/14/98						8.41	12.92	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	1.0	NA
MW-10	01/21/99						6.65	14.68	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	0.5	NA
MW-10	05/06/99						7.74	13.59	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	0.76	NA
MW-10	08/23/99						8.37	12.96	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	1.21	NA
MW-10	10/28/99						8.73	12.60	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	1.12	NA
MW-10	02/04/00						8.78	12.55	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	2.84	NA
MW-10	06/20/00						7.99	13.34	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3.0	NA	NA	NA
MW-10	09/29/00						8.40	12.93	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-10	12/17/00						7.91	13.42	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-10	03/28/01						7.47	13.86	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-10	06/20/01						8.11	13.22	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-10	09/22/01						8.77	12.56	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-10	12/27/01						6.94	14.39	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-10	03/15/02						7.48	13.85	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-10	04/18/02						6.77	14.56	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.8	NA	1.22	NA
MW-10	07/23/02	NP					8.42	12.91	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NA	1.0	7.2
MW-10	10/16/02	NP					8.77	12.56	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NA	1.0	6.4
MW-10	01/23/03 ^(a)	NP					7.12	14.21	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.4	NA	1.3	7.4
MW-10	04/07/03	NP					7.73	13.60	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.6	NA	1.3	7.0
MW-10	08/07/03	NP					8.45	12.88	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.5	NA	1.3	7.3
MW-10	10/23/03						8.71	12.62	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	01/12/04 ^(b)	NP					7.25	14.08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.7	NA	8.2	7.5
MW-10	4/20/04 ^(a)		23.42				8.15	15.27	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11	11/16/92		22.38	7.0	NA	11.6	9.02	13.36	7,000	21	ND<10*	18	230	NA	NA	NA	NA
MW-11	02/16/93						7.11	15.27	2,200	ND<10*	ND<10*	11	ND<10*	NA	NA	NA	NA
MW-11	05/13/93						8.04	14.34	1,600	ND<2.5*	ND<2.5*	41	6.8	NA	NA	NA	NA

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Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-11	08/17/93						8.78	13.60	830	1.4	ND<1.0*	25	15	NA	NA	NA	NA
MW-11	11/08/93						9.23	13.15	370	ND<1.0*	ND<1.0*	2.5	2.1	NA	NA	NA	NA
MW-11	02/14/94						7.94	14.44	650	ND<1*	ND<1.0*	2	4	NA	NA	NA	NA
MW-11	05/05/94						8.55	13.83	210	ND<0.5	ND<0.5	2.5	0.6	NA	NA	NA	NA
MW-11	08/04/94						9.13	13.25	390	ND<0.5	ND<0.7*	1.9	2.2	NA	NA	NA	NA
MW-11	11/20/94						7.73	14.65	1,300	1.3	0.5	1.5	21	NA	NA	NA	NA
MW-11	03/17/95						6.94	15.44	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-11	06/01/95						7.90	14.48	210	ND<0.5	ND<0.5	0.9	0.7	NA	NA	NA	NA
MW-11	08/31/95						8.18	14.20	680	ND<0.5	ND<0.5	4	1.8	ND<3	NA	NA	NA
MW-11	11/27/95						8.48	13.90	340	ND<0.5	ND<0.5	2.2	1.6	NA	NA	NA	NA
MW-11	02/22/96						6.63	15.75	150	ND<0.5	ND<0.5	ND<0.8	ND<0.8	ND<3	NA	NA	NA
MW-11	05/20/96						7.25	15.13	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	08/26/96						8.22	14.16	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	11/20/96						8.37	14.01	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	03/24/97		20.97				8.15	12.82	63	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	NA	NA
MW-11	05/23/97						8.48	12.49	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	08/19/97						8.67	12.30	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	11/19/97						8.67	12.30	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	02/19/98						6.25	14.72	ND<50	ND<0.5	1.6	ND<0.5	1.8	7	NA	NA	NA
MW-11	04/23/98						7.23	13.74	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	07/27/98						8.05	12.92	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	10/14/98						8.58	12.39	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	01/21/99						8.25	12.72	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	0.5	NA
MW-11	05/06/99						7.95	13.02	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	08/23/99						8.51	12.46	NS	NS	NS	NS	NS	NS	NS	0.86	NA
MW-11	10/28/99						8.95	12.02	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	02/04/00						7.88	13.09	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	NA	3.29	NA
MW-11	06/20/00						8.18	12.79	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	09/29/00						8.60	12.37	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	12/17/00						8.48	12.49	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	03/28/01						7.88	13.09	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-11	06/20/01						8.48	12.49	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	09/22/01						9.11	11.86	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	12/27/01						7.50	13.47	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	03/15/02						7.87	13.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-11	04/18/02						7.22	13.75	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-11	07/23/02						8.76	12.21	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11	10/16/02						9.15	11.82	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11	01/23/03 ^(u)	P					7.61	13.36	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	2.4	7.4

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Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-11	04/07/03						8.25	12.72	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11	08/07/03						8.84	12.13	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11	10/23/03	P					9.09	11.88	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	2	7
MW-11	01/12/04	P					7.7	13.27	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11	4/20/04 ^(a)		24.97				9.18	15.79	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	11/16/92		22.77	7.5	NA	11.0	9.65	13.12	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-12	02/16/93						7.88	14.89	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-12	05/13/93						8.63	14.14	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-12	08/17/93						9.30	13.47	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-12	11/08/93						9.72	13.05	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-12	02/14/94						8.24	14.53	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-12	05/05/94						8.97	13.80	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-12	08/04/94						9.57	13.20	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-12	11/20/94						8.06	14.71	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-12	03/17/95						7.09	15.68	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-12	06/01/95						8.40	14.37	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	08/31/95						8.55	14.22	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA
MW-12	11/27/95						8.95	13.82	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	02/22/96						6.81	15.96	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA
MW-12	05/20/96						7.56	15.21	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	08/26/96						8.63	14.14	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	11/20/96						8.38	14.39	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	03/24/97		20.11				8.75	11.36	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA
MW-12	05/23/97						8.92	11.19	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	08/19/97						9.20	10.91	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	11/19/97						9.20	10.91	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	02/19/98						6.28	13.83	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA
MW-12	04/23/98						7.52	12.59	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	07/27/98						8.52	11.59	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	10/14/98						9.06	11.05	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	01/21/99						8.20	11.91	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	ND<3	NA	1.5	NA
MW-12	05/06/99						8.47	11.64	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	08/23/99						9.04	11.07	NS	NS	NS	NS	NS	NS	NS	0.85	NA
MW-12	10/28/99						9.40	10.71	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	02/04/00						8.38	11.73	ND<0.50	ND<0.5	ND<0.5	ND< 0.5	ND<1	ND<3	NA	3.34	NA

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Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-12	06/20/00						8.55	11.56	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	09/29/00						8.98	11.13	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	12/17/00						8.76	11.35	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	03/28/01						8.31	11.80	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-12	06/20/01						9.10	11.01	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	09/22/01						9.48	10.63	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	12/27/01						7.78	12.33	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	03/15/02						8.22	11.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-12	04/18/02						7.65	12.46	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-12	07/23/02						9.18	10.93	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	10/16/02						9.51	10.60	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	01/23/03						7.86	12.25	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	04/07/03						8.58	11.53	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	08/07/03						9.23	10.88	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	10/23/03	P					9.44	10.67	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	1.2	7
MW-12	01/12/04						8.08	12.03	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	4/20/04 ^(u)		25.32				9.28	16.04	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13	11/16/92		22.45	NA	NA	12.7	9.02	13.43	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-13	02/16/93						7.14	15.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-13	05/13/93						7.95	14.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-13	08/17/93						8.57	13.88	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-13	11/08/93						8.86	13.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-13	02/14/94						7.78	14.67	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-13	05/05/94						8.38	14.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-13	08/04/94						8.78	13.67	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-13	11/20/94						7.68	14.77	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-13	03/17/95						6.91	15.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA
MW-13	06/01/95						7.72	14.73	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	08/31/95						7.58	14.87	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	11/27/95						7.98	14.47	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	02/22/96						6.71	15.74	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	NA	NA
MW-13	05/20/96						6.98	15.47	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	08/26/96						7.85	14.60	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	11/20/96						7.76	14.69	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	03/24/97		20.75				7.85	12.90	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	NA	NA
MW-13	05/23/97						8.16	12.59	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	08/19/97						8.40	12.35	NS	NS	NS	NS	NS	NS	NS	NA	NA

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Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-13	11/19/97						8.40	12.35	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	02/19/98						6.44	14.31	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA
MW-13	04/23/98						6.80	13.95	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	07/27/98						7.52	13.23	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<3	NA	1.5	NA
MW-13	10/14/98						8.15	12.60	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<3	NA	2.0	NA
MW-13	01/21/99						7.85	12.90	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<3	NA	1.5	NA
MW-13	05/06/99						7.82	12.93	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	08/23/99						8.29	12.46	NS	NS	NS	NS	NS	NS	NS	0.94	NA
MW-13	10/28/99						8.55	12.20	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	02/04/00						8.11	12.64	ND<50	ND< 0.5	0.6	ND< 0.5	ND<1	ND<3	NA	1.27	NA
MW-13	06/20/00						7.56	13.19	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	09/29/00						8.27	12.48	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	12/17/00						8.09	12.66	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	03/28/01						7.69	13.06	ND<50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-13	06/20/01						8.46	12.29	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	09/22/01						8.57	12.18	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	12/27/01						7.14	13.61	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	03/15/02						7.62	13.13	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-13	04/18/02						6.91	13.84	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-13	07/23/02						8.50	12.25	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13	10/16/02						8.74	12.01	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13	01/23/03 ^(a)	P					7.35	13.40	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	3.4	7.0
MW-13	04/07/03						7.99	12.76	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13	08/07/03						8.60	12.15	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13	10/23/03	P					8.55	12.20	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	2	7.1
MW-13	01/12/04						7.56	13.19	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13	4/20/04 ^(a)		25.01				4.57	20.44	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14	09/15/92		22.99	7.5	NA	12.6	10.66	12.33	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-14	11/16/92						10.33	12.66	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-14	02/16/93						8.18	14.81	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-14	05/13/93						9.05	13.94	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-14	08/17/93						22.99	0.00	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-14	11/08/93						10.25	12.74	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-14	02/14/94						8.80	14.19	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-14	05/05/94						9.49	13.50	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-14	08/04/94						10.11	12.88	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-14	11/20/94						8.66	14.33	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA

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Well Number	Date Sampled	Purge/Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-14	03/17/95						8.17	14.82	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-14	06/01/95						8.57	14.42	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-14	08/31/95						9.05	13.94	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-14	11/27/95						9.19	13.80	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-14	02/22/96						6.52	16.47	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA
MW-14	05/20/96						7.88	15.11	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-14	08/26/96						8.83	14.16	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-14	11/20/96						8.95	14.04	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-14	03/24/97		20.90				8.98	11.92	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA
MW-14	05/23/97						9.61	11.29	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-14	08/19/97						9.80	11.10	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-14	11/19/97						9.80	11.10	ND<50	1.7	ND< 0.5	0.6	3	ND<3	NA	NA	NA
MW-14	02/19/98						6.27	14.63	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	NA	NA
MW-14	04/23/98						7.75	13.15	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	0.5	NA
MW-14	07/27/98						9.24	11.66	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	1	NA
MW-14	10/14/98						9.73	11.17	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	1	NA
MW-14	01/21/99						8.90	12.00	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	1.5	NA
MW-14	05/06/99						8.98	11.92	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	0.73	NA
MW-14	08/23/99						9.68	11.22	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	0.91	NA
MW-14	10/28/99						10.00	10.90	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<1	ND<10	NA	1.06	NA
MW-14	02/04/00						8.19	12.71	ND<50	ND< 0.5	0.5	ND< 0.5	ND<1	ND<3	NA	1.21	NA
MW-14	06/20/00						9.16	11.74	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<10	NA	NA	NA
MW-14	09/29/00						9.48	11.42	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<2.50	NA	NA	NA
MW-14	12/17/00						9.24	11.66	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-14	03/28/01						8.91	11.99	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-14	06/20/01						9.7	11.20	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	3.1	NA	NA	NA
MW-14	09/22/01						10.04	10.86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-14	12/27/01						8.33	12.57	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-14	03/15/02						8.75	12.15	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-14	04/18/02						8.21	12.69	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-14	07/23/02	NP					9.76	11.14	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NA	1.4	7.1
MW-14	10/16/02	NP					10.10	10.80	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NA	1.1	5.8
MW-14	01/23/03 ^(a)	NP					8.41	12.49	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	1.3	7.1
MW-14	04/07/03	NP					9.09	11.81	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	1.4	6.9
MW-14	08/07/03	NP					9.81	11.09	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	1.4	6.7
MW-14	10/23/03						10.04	10.86	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-14	01/12/04 ^(b)	P					8.89	12.01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	2.0	7.2
MW-14	4/20/04 ^(a)		25.55				9.62	15.93	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1
Groundwater Elevation and Analytical Data

Atlantic Richfield Company Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-15	05/13/93		19.19	NA	NA	9.8	5.91	13.28	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-15	08/17/93						6.54	12.65	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-15	11/08/93						6.98	12.21	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-15	02/14/94						5.44	13.75	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-15	05/05/94						6.18	13.01	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-15	08/04/94						6.84	12.35	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-15	11/20/94						5.31	13.88	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-15	03/17/95						5.21	13.98	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA
MW-15	06/01/95						5.84	13.35	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-15	08/31/95						6.18	13.01	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA
MW-15	11/27/95						6.42	12.77	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-15	02/22/96						4.84	14.35	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	12	NA	NA	NA
MW-15	05/20/96						5.31	13.88	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-15	08/26/96						6.05	13.14	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	8	NA	NA	NA
MW-15	11/20/96						5.46	13.73	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-15	03/24/97		22.08				6.00	16.08	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	15	NA	NA	NA
MW-15	05/23/97						6.25	15.83	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-15	08/19/97						6.34	15.74	99(j)	ND< 0.5	ND< 0.5	ND< 0.5	0.7	6	NA	NA	NA
MW-15	11/19/97						6.34	15.74	NS	NS	NS	NS	NS	NS	NS	NS	NA
MW-15	02/19/98						4.66	17.42	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	48	NA	NA	NA
MW-15	04/23/98						5.18	16.90	NS	NS	NS	NS	NS	NS	NS	NS	NA
MW-15	07/27/98						6.02	16.06	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	50	NA	1.0	NA
MW-15	10/14/98						6.26	15.82	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	27	NA	1.5	NA
MW-15	01/21/99						5.33	16.75	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	6	NA	1.0	NA
MW-15	05/06/99						5.82	16.26	NS	NS	NS	NS	NS	NS	NS	NS	NA
MW-15	08/23/99						6.24	15.84	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	21	NA	1.14	NA
MW-15	10/28/99						6.60	15.48	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-15	02/04/00						7.02	15.06	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<1	ND<3	NA	1.09	NA
MW-15	06/20/00						5.98	16.10	NS	NS	NS	NS	NS	NS	NS	NS	NA
MW-15	09/29/00						6.50	15.58	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<2.50	NA	NA	NA
MW-15	12/17/00						5.89	16.19	NS	NS	NS	NS	NS	NS	NS	NS	NA
MW-15	03/28/01						5.78	16.30	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	11.1	NA	NA	NA
MW-15	06/20/01						5.72	16.36	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-15	09/22/01						6.79	15.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	13	NA	NA	NA
MW-15	12/27/01						5.49	16.59	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-15	03/15/02						5.68	16.40	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<2.5	NA	NA	NA
MW-15	04/18/02						4.85	17.23	NS	NS	NS	NS	NS	NS	NS	NA	NA
MW-15	07/23/02	P					6.32	15.76	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NA	2.0	7.9
MW-15	10/16/02						6.69	15.39	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1
Groundwater Elevation and Analytical Data

Atlantic Richfield Company Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Purge/ Not Purge	Top of Riser Elevation (ft.)	Top of Screen (ft, bgs)	Bottom of Screen (ft, bgs)	Well Depth (ft., bgs)	Depth to Groundwater (ft., TOC)	Groundwater Elevation (ft.)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-15	01/23/03(g)	P					5.70	16.38	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.9	NA	2.6	7.5
MW-15	04/07/03						5.94	16.14	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15	08/07/03						6.32	15.76	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15	10/23/03						6.56	15.52	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15	01/12/04						5.71	16.37	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-15	4/20/04 ^(u)		21.72				7.10	14.62	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1
Groundwater Elevation and Analytical Data

Atlantic Richfield Company Service Station # 601
712 Lewelling Boulevard
San Leandro, California

GRO	= Gasoline Range Organics, C4-C12 range
TPH-g	= Total Petroleum Hydrocarbons as gasoline analyzed using EPA Method 8015B modified prior to 1/23/03
BTEX	= Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B prior to 1/23/03
MTBE	= Methyl tertiary butyl ether analyzed by EPA Method 8021B unless otherwise noted prior to 1/23/03
TRPH	= Total Recoverable Petroleum Hydrocarbons
TPHD	= Total Petroleum Hydrocarbons as diesel, California DHS (Dept. of Health Services) LUFT (Leaking Underground Fuel Tank) Method
Note	= Semi volatile organic compounds analyzed using EPA Method 8270C
bgs	= below ground surface
µg/L	= Micrograms per liter
mg/ L	= Milligrams per liter
NA	= Not analyzed, data not available
NS	= Not sampled
TOC	= Top of casing
P	= Purge sample
NP	= No purge sample
DO	= Dissolved oxygen
ND<	= Not detected above specified laboratory method detection limit
ft.	= feet
a	= 2-methylnaphthalene
b	= Naphthalene
c	= Phenol
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
f	= 4-Methylphenol
g	= TPH, 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	= Groundwater Elevations adjusted using the formula GWE=(TOC-DTW)+(FPTx0.8)
j	= Sample contains a higher boiling point hydrocarbon mixture quantitated as gasoline. The chromatogram did not match the typical gasoline fingerprint.
k	= Dissolved oxygen reading not taken due to the presence of sheen
l	= Dissolved oxygen and pH are field measurements
m	= Gauged with ORC sock in well
n	= bis(2-ethylhexyl)phthalate
o	= Additional results TRPH = 900 µg/l
p	= Additional results TRPH = 900 µg/l and TPHD LUFTH = 900 mg/l (j)
q	= Additional results TRPH = 1,900 µg/l and TPHD LUFTH = 6,800 mg/l (j),
r	= Beginning in the Fourth Quarter 2003, the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline (TPH-g) has been changed to Gasoline Range Organics (GRO). The resulting data may be impacted by the potential inclusion of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported. Beginning Second Quarter 2004, the carbon ranged was changed from C6 - C10 to C4 - C12.
s	= Discrete peak at C-5.
t	= Insufficient water to sample
u	= Site re-surveyed to vertical NAVD'88 datum on 02/27/04
*	= Method reporting limit was raised due to high analyte concentration requiring sample dilution or matrix interference.

Source: The data within this table collected prior to July 2002 was provided to URS by Atlantic Richfield Company and their previous consultants. URS has not verified the accuracy of this information.

Table 2
Groundwater Flow Direction and Gradient
Atlantic Richfield Company Service Station #0601
712 Lewelling Boulevard
San Leandro, California

Date Measured	Average Flow Direction	Average Hydraulic Gradient
08/04/94	Southwest	0.004
11/20/94	Southwest	0.002
03/17/95	West-Southwest	0.006
06/01/95	Southwest	0.003
08/31/95	South-Southwest	0.005
11/27/95	South-Southwest	0.004
02/22/96	Northwest	0.007
05/20/96	Southwest	0.007
08/26/96	South-Southwest	0.004
11/20/96	South-Southeast	0.004
03/24/97	Southeast	0.013
05/23/97	Southeast	0.014
11/19/97	Southeast	0.016
02/19/98	East	Variable
04/23/98	Variable	Variable
07/27/98	Southeast	0.050
10/14/98	Southeast	0.020
01/21/99	East	0.040
05/06/99	Southeast	0.050
08/23/99	Southeast	0.020
10/28/99	Southeast	0.040
02/04/00	East-Southeast	0.053
06/20/00	East-Southeast	0.023
09/29/00	East-Southeast	0.023
12/17/00	East-Southeast	0.010
03/28/01	East-Southeast	0.014
06/20/01	East-Southeast	0.022
09/22/01	East-Southeast	0.025
12/27/01	East-Southeast	0.025
03/15/02	East	0.015
04/18/02	East	0.015
07/23/02	East-Southeast	0.025
10/16/02	East-Southeast	0.022
01/23/03	East	0.020
04/07/03	East-Southeast	0.033
08/07/03	East-Southeast	0.047
10/23/03	Southeast	0.047
01/12/04	Southeast	0.042
04/20/04(a)	Southwest	0.005

(a) = Wells resurveyed on 02/27/04.

Source: The data within this table collected prior to July 2002 was provided to URS by Alameda County Environmental Health (07/17/94-03/17/95) and RM and their previous consultants (06/01/95-04/18/02). Previous consultant did not provide groundwater flow direction or gradient measurements for monitoring events occurring 07/17/90 through 05/05/94. URS has not verified the accuracy of this information.

Table 3
Fuel Oxygenate Analytical Data

Atlantic Richfield Company Service Station #0601
712 Lewelling Blvd
San Leandro, California

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-1	01/23/03	ND<4,000	ND<2,000	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
	04/07/03	ND<1,000	ND<200	69	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
	08/07/03	ND<5,000	ND<1,000	160	ND<25	ND<25	ND<25	ND<25	ND<25
	10/23/03	NA	ND<1,000	220	ND<25	ND<25	ND<25	ND<25	ND<25
	01/12/04	ND<5,000	ND<1,000	140	ND<50	ND<50	ND<50	ND<25	ND<25
	04/20/04	ND<5,000	ND<1,000	84	ND<25	ND<25	ND<25	ND<25	ND<25
MW-2	01/23/03	ND<4,000	ND<2,000	95	ND<50	ND<50	ND<50	ND<50	ND<50
	10/23/03	NA	ND<100	68	ND<2.5	ND<2.5	16	ND<2.5	ND<2.5
MW-3	01/23/03	ND<8,000	ND<4,000	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100
	04/07/03	ND<10,000	ND<2,000	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
	08/07/03	ND<20,000	ND<4,000	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100
	10/23/03	NA	ND<1,000	ND<25	ND<25	ND<25	ND<25	ND<25	ND<25
	01/12/04	ND<1,000	ND<200	ND<5.0	ND<10	ND<10	ND<10	ND<5.0	ND<5.0
	04/20/04	ND<10,000	ND<2,000	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
MW-4	01/23/03	ND<200	ND<100	5.9	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
	04/07/03	ND<100	ND<20	9.2	ND<0.5	ND<0.5	0.61	ND<0.5	ND<0.50
	08/07/03	ND<5,000	ND<1,000	ND<25	ND<25	ND<25	ND<25	ND<25	ND<25
	10/23/03	NA	ND<100	12	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
	01/12/04	ND<500	ND<100	4.3	ND<5.0	ND<5.0	ND<5.0	ND<2.5	ND<2.5
	04/20/04	ND<1,000	ND<200	12	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
MW-5	01/23/03	ND<4,000	ND<2,000	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
	04/07/03	ND<500	ND<100	32	ND<2.5	ND<2.5	6.3	ND<2.5	ND<2.5
	08/07/03	ND<100	ND<20	3.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10/23/03	NA	ND<20	12	ND<0.50	ND<0.50	1.7	ND<0.50	ND<0.50
	01/12/04	ND<100	ND<20	11	ND<1.0	ND<1.0	1.3	ND<0.50	ND<0.50
	04/20/04	ND<100	ND<20	12	ND<0.50	ND<0.50	3.0	ND<0.50	ND<0.50
MW-6	01/23/03	ND<4,000	ND<2,000	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
	1/23/03(a)	ND<200	ND<100	17	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
	04/07/03	ND<100	ND<20	15	ND<0.5	ND<0.5	2.1	ND<0.5	ND<0.50
	01/12/04	ND<5,000	ND<1,000	150	ND<50	ND<50	ND<50	ND<25	ND<25
MW-7	01/23/03	ND<40	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	04/07/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	08/07/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10/23/03	NA	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	01/12/04	ND<100	ND<20	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50
	04/20/04	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-8	01/23/03	ND<40	ND<20	2.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	04/07/03	ND<100	ND<20	19	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	08/07/03	ND<100	ND<20	0.96	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10/23/03	NA	ND<20	2.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	01/12/04	ND<100	ND<20	13	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50
	04/20/04	ND<100	ND<20	25	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-9	01/23/03	ND<40	ND<20	2.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-10	01/23/03	ND<40	ND<20	1.4	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	04/07/03	ND<100	ND<20	1.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	08/07/03	ND<100	ND<20	1.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	01/12/04	ND<100	ND<20	1.7	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50

Table 3
Fuel Oxygenate Analytical Data

Atlantic Richfield Company Service Station #0601
712 Lewelling Blvd
San Leandro, California

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-11	01/23/03	ND<40	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10/23/03	NA	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-12	10/23/03	NA	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-13	01/23/03	ND<40	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10/23/03	NA	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-14	01/23/03	ND<40	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	04/07/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	01/12/04	ND<100	ND<20	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50
MW-15	01/23/03	ND<40	ND<20	1.9	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Legend

- Note = All fuel oxygenate compounds analyzed using EPA Method 8260B
- TBA = tert-Butyl alcohol
- MTBE = Methyl tert-Butyl ether
- DIPE = Di-isopropyl ether
- ETBE = Ethyl tert Butyl ether
- TAME = tert-Amyl Methyl ether
- 1,2-DCA = 1,2-Dichloroethane
- EDB = 1,2-Dibromoethane
- µg/L = Micrograms per liter
- ND< = Not detected at or above laboratory reporting limits
- NA = Not analyzed
- (a) =The sample was re-extracted beyond the EPA recommended holding time. The results may still be useful for their intended purpose.

Table 4
Groundwater Analytical Data
Volatile and Semivolatile Organic Compounds

Atlantic Richfield Company Service Station #0601
712 Lewelling Blvd
San Leandro, California

Well Number	Date Sampled	VOCs by EPA Method 601/8010 or 624/8240							SemiVOCs by EPA Method 3520/8270				
		Methylene Chloride (µg/L)	1,2-DCA (µg/L)	1,1 DCA (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	2-Methyl naphthalene (µg/L)	Bis (2-ethylhexyl) Phthalate (µg/L)	2,4-Di methyl-phenol (µg/L)	Phenol (µg/L)
MW-1	07/18/90	Not sampled: well contained floating product											
	10/15/90	Not sampled: well contained floating product											
	01/09/91	Not sampled: well contained floating product											
	04/16/91	Not sampled: well contained floating product											
	06/10/91	Not sampled: well contained floating product											
	10/10/91	Not sampled: well contained floating product											
	03/23/92	Not sampled: well contained floating product											
	06/08/92	Not sampled: well contained floating product											
	09/15/92	Not sampled: well contained floating product											
	11/16/92	Not sampled: well contained floating product											
	02/16/93	Not sampled: well contained floating product											
	05/13/93	Not sampled: well contained floating product											
	08/17/93	Not sampled: well contained floating product											
	11/08/93	Not sampled: well contained floating product											
	02/14/94	Not sampled: well contained floating product											
	05/05/94	Not sampled: well contained floating product											
	08/04/94	Not sampled: well contained floating product											
	11/20/94	Not sampled: well contained floating product											
	03/17/95	NA	NA	NA	NA	NA	NA	NA	1,300	730	ND<50	150	NA
	06/01/95	NA	NA	NA	NA	NA	NA	NA	2,200	1,700	ND<100	ND<100	240
	08/31/95	Not sampled: well contained floating product											
	11/27/95	Not sampled: well contained floating product											
	02/22/96	Not sampled: well contained floating product											
	05/20/96	NA	NA	NA	NA	NA	NA	NA	1,200	860	ND<50	ND<50	ND<50
	08/26/96	NA	NA	NA	NA	NA	NA	NA	2,300	1,800	ND<500	ND<1,000	ND<500
	11/20/96	NA	NA	NA	NA	NA	NA	NA	590	250	91	ND<100	ND<50
	03/24/97	NA	NA	NA	NA	NA	NA	NA	730	610	ND<50	ND<100	ND<50

Table 4
Groundwater Analytical Data
Volatile and Semivolatile Organic Compounds

Atlantic Richfield Company Service Station #0601
712 Lewelling Blvd
San Leandro, California

Well Number	Date Sampled	VOCs by EPA Method 601/8010 or 624/8240							SemiVOCs by EPA Method 3520/8270				
		Methylene Chloride (µg/L)	1,2-DCA (µg/L)	1,1 DCA (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	2-Methyl naphthalene (µg/L)	Bis (2-ethylhexyl) Phthalate (µg/L)	2,4-Di methyl-phenol (µg/L)	Phenol (µg/L)
MW-1	05/23/97	Not analyzed: well MW-8 was sampled for additional parameters in lieu of well MW-1											
cont.	08/19/97	NA	NA	NA	NA	NA	NA	NA	1,300	790	ND<50	ND<100	ND<50
	11/19/97	NA	NA	NA	NA	NA	NA	NA	ND<5	ND<5	5	ND<10	ND<5
	02/19/98	NA	NA	NA	NA	NA	NA	NA	870	330	ND<50	ND<100	ND<50
	04/23/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/27/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/14/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/21/99	NA	NA	NA	NA	NA	NA	NA	950	580	ND<50	ND<100	ND<50
	05/06/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/23/99	NA	NA	NA	NA	NA	NA	NA	1,200	400	ND<50	ND<100	ND<50
	10/28/99	NA	NA	NA	NA	NA	NA	NA	1,100	320	ND<50	ND<100	ND<50
	02/04/00	NA	NA	NA	NA	NA	NA	NA	780	330	ND<50	ND<100	ND<50
	04/07/03	NA	NA	NA	NA	NA	NA	NA	700	260	ND<9.6	ND (a)	ND<4.8
	08/07/03	NA	NA	NA	NA	NA	NA	NA	1,100	360	ND<47	ND<47	ND<24
	10/23/03	NA	NA	NA	NA	NA	NA	NA	1,100	370	ND<48	ND<48	ND<24
	01/12/04	NA	NA	NA	NA	NA	NA	NA	1,000	330	62	ND<24	ND<24
	04/20/04	NA	NA	NA	NA	NA	NA	NA	1,200	440	140	ND<9.8	ND<9.8
MW-2	07/18/90	39	ND	ND	3,200	2,400	270	2,900	340	170	ND	ND	NA
	10/15/90	18	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/09/91	ND	6.5	ND	1,700	1,200	370	2,400	NA	NA	NA	NA	NA
	04/16/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/10/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/91	ND	1.7	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/92	Not analyzed: sampling for additional parameters was discontinued											
MW-8	06/10/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/92	ND	ND	ND	23	ND<5.0*	450	23	NA	NA	NA	NA	NA
	06/08/92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/92	ND	ND	ND	NA	NA	NA	NA	ND	ND	6	ND	NA
	11/16/92	ND	ND	ND	NA	NA	NA	NA	32	ND	ND	ND	NA
	02/16/93	ND	ND	ND	NA	NA	NA	NA	730	130	ND	ND	NA
	05/13/93	ND	ND	ND	NA	NA	NA	NA	97	20	ND	ND	NA

Table 4
Groundwater Analytical Data
Volatile and Semivolatile Organic Compounds

Atlantic Richfield Company Service Station #0601
712 Lewelling Blvd
San Leandro, California

Well Number	Date Sampled	VOCs by EPA Method 601/8010 or 624/8240							SemiVOCs by EPA Method 3520/8270				
		Methylene Chloride (µg/L)	1,2-DCA (µg/L)	1,1 DCA (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	2-Methyl naphthalene (µg/L)	Bis (2-ethylhexyl) Phthalate (µg/L)	2,4-Di methyl-phenol (µg/L)	Phenol (µg/L)
MW-8 cont.	08/17/93	ND	ND	ND	NA	NA	NA	NA	26	ND	ND	ND	NA
	11/08/93	ND	ND	ND	NA	NA	NA	NA	20	ND	19	ND	NA
	02/14/94	NA	NA	NA	NA	NA	NA	NA	350	65	ND	ND	NA
	05/05/94	ND<0.5	ND<0.5	0.7	NA	NA	NA	NA	23	ND<10	ND<10	ND	NA
	08/04/94	NA	NA	NA	NA	NA	NA	NA	11	ND<10	10	ND	NA
	12/13/94	NA	NA	NA	NA	NA	NA	NA	14	ND<10	14	ND	NA
	03/17/95	Not Analyzed: well MW-1 was sampled for additional parameters in lieu of well MW-8											
	08/31/95	NA	NA	NA	NA	NA	NA	NA	62	8	ND<5	ND<5	ND<5
	11/27/95	NA	NA	NA	NA	NA	NA	NA	15	ND<5	ND<5	ND<5	ND<5
	03/14/96	NA	NA	NA	NA	NA	NA	NA	400	55	ND<50	ND<50	ND<50
	05/23/97	NA	NA	NA	NA	NA	NA	NA	26	ND<5	ND<5	ND<10	ND<5
	04/07/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ND< = Not detected at or above laboratory reporting limit

µg/L = Micrograms per liter

NA = Not analyzed, not applicable, or not available

* Method reporting limit was raised due to high analyte concentration requiring sample dilution or matrix interference.

a. Sample was ND for 2-Methylphenol and ND for 4-Methylphenol. Analysis not performed for 2,4-Dimethylphenol.

Source: The data within this table was provided to URS by Atlantic Richfield Company and their previous consultants. URS has not verified the accuracy of this information.

ATTACHMENT A
FIELD PROCEDURES AND FIELD DATA SHEETS

FIELD PROCEDURES

Sampling Procedures

The sampling procedure for each well consists first of measuring the water level and depth to bottom, and checking for the presence of free phase petroleum product (free product), using either an electronic indicator and a clear TeflonTM bailer or an oil-water interface probe.

Wells not containing free product are purged approximately three casing volumes of water (or until dewatered) using a centrifugal pump, gas displacement pump, or bailer. Equipment and purging method used for the current sampling event is noted on the attached field data sheets. During purging, temperature, pH, and electrical conductivity are monitored to document that these parameters are stable prior to collecting samples. After purging, water levels are allowed to partially (approximately 80%) recover. Groundwater samples (both purge and no purge) are collected using a Teflon bailer, placed into appropriate Environmental Protection Agency- (EPA) approved containers, labeled, logged onto chain-of-custody records, and transported on ice to a California State-certified laboratory. Wells with free product are not sampled and free product is removed according to California Code of Regulation, Title 23, Div. 3, Chap. 16, Section 2655, UST Regulations.

WELL GAUGING DATA

Project # 040420-PCI

Date 4/20/04

Client URS 601

Site 712 Lewelling Blvd., San Leandro

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOB	
MW-1	4					8.87	11.05	TOB	NP @ 7'
MW-2	4					8.32	9.48		ORC G.O.
MW-3	4					7.60	11.70		ORC NP @ 8'
MW-4	4					7.38	8.48		NP ORC
MW-5	4					8.12	10.08		NP
MW-6	4					8.54 8.15	8.55		NP
MW-7	4					8.95	9.94		NP
MW-8	4					8.21	10.15		ORC NP
MW-9	2					8.65	16.20		G.O.
MW-10	2					8.15	18.65		G.O.
MW-11	4					9.18	11.80		G.O.
MW-12	4					9.28	11.58		G.O.
MW-13	2					4.57	12.93		G.O.
MW-14	2					9.62	12.95		G.O.
MW-15	2					7.10	11.02	↓	G.O.

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040420-PC1	Station # 601
Sampler: PC	Date: 4/20/04
Well I.D.: 11.25	Well Diameter: 2 3 4 6 8
Total Well Depth: 11.05	Depth to Water: 8.87
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSD HACH

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

Purge Method: ~~Bailer~~
~~Disposable Bailer~~
~~Positive Air Displacement~~
~~Electric Submersible~~
~~Extraction Pump~~
 Other: _____

Sampling Method: ~~YSD~~ Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

1 Case Volume (Gals.)	X	No Purge	=	Gals.
		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
945	67.4	6.6	1834	—	Screen

Did well dewater? Yes No		Gallons actually evacuated: —	
Sampling Time: 945		Sampling Date: 4/20/04	
Sample I.D.: MV-1		Laboratory: Pace Sequoia Other	
Analyzed for: THG BTEX MTBE TPH-D Other: O ₂ , Ethanol, 1,2-DCA, 6, 8260, SVOL, 8270			
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: 1.5 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

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ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040420-PC1	Station # 601
Sampler: PC	Date: 4/20/04
Well I.D.: M _U -3	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 11.90	Depth to Water: 7.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YES HACH

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

Purge Method: ☐ Bailer Sampling Method: ☐ Bailer
☐ Disposable Bailer ☒ Disposable Bailer
☐ Positive Air Displacement ☐ Extraction Port
☒ Electric Submersible Other: _____
☐ Extraction Pump

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

2.7	x	3	=	9	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1118	65.2	8.5	764	3	clear
1119	65.5	7.9	733	6	↓
1119	65.7	7.8	761	9	↓

Did well dewater? Yes ☒ No		Gallons actually evacuated: 9	
Sampling Time: 1130		Sampling Date: 4/20/04	
Sample I.D.: M _U -3		Laboratory: Pace Sequoia Other _____	
Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxy, Ketones, 1,2-NCA, EDB by 8260			
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: 1.6 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

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ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>040920-PCA</u>	Station # <u>601</u>
Sampler: <u>PC</u>	Date: <u>4/20/04</u>
Well I.D.: <u>11 1/2" → 4</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: <u>8.48</u>	Depth to Water: <u>7.38</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

Purge Method: ~~Bailer~~
~~Disposable Bailer~~
~~Positive Air Displacement~~
~~Electric Submersible~~
~~Extraction Pump~~
 Other: _____

Sampling Method: ~~Bailer~~
~~Disposable Bailer~~
 Extraction Port
 Other: _____

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

1 Case Volume (Gals.)	X	<u>No Purge</u>	=	Gals.
		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or μS)	Gals. Removed	Observations
<u>1055</u>	<u>64.2</u>	<u>7.1</u>	<u>1411</u>	—	<u>clear</u>

Did well dewater? Yes ☐ No ☒ Gallons actually evacuated: —

Sampling Time: 1055 Sampling Date: 4/20/04

Sample I.D.: MU-4 Laboratory: Pace Sequoia Other: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: OX₃, ETHANOL, 1,2-DCA, 6, 8260

D.O. (if req'd): Pre-purge: _____ mg/L Post-purge: 1.4 mg/L

O.R.P. (if req'd): Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>040120-PC1</u>	Station # <u>601</u>
Sampler: <u>PC</u>	Date: <u>4/20/04</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>10.08</u>	Depth to Water: <u>8.12</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSD</u> HACH

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

Purge Method: Bailer Sampling Method: BA Bailer
 Disposable Bailer X Disposable Bailer
 Positive Air Displacement Extraction Port
 Electric Submersible Other: _____
 Extraction Pump
 Other: _____

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

1 Case Volume (Gals.)	X	<u>16 purge</u>	=	_____ Gals. Calculated Volume
-----------------------	---	-----------------	---	----------------------------------

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
<u>1018</u>	<u>65.7</u>	<u>8.5</u>	<u>1700</u>	<u>1</u>	

Did well dewater? Yes <u>No</u>	Gallons actually evacuated: _____
Sampling Time: <u>1018</u>	Sampling Date: <u>4/20/04</u>
Sample I.D.: <u>MW-5</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: <u>TPH-G BTEX</u> MTBE TPH-D Other: <u>Oxys, Ethanol, 1,2-DCA, 6, 8260</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>8.9</u> mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

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ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>040410-PC1</u>	Station # <u>601</u>
Sampler: <u>PC</u>	Date: <u>4/20/04</u>
Well I.D.: <u>MW-6</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>8.55</u>	Depth to Water: <u>8.54</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>VSD</u> HACH

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

Purge Method: Bailer Sampling Method: Bailer
 Disposable Bailer Disposable Bailer
 Positive Air Displacement Extraction Port
 Electric Submersible Other: _____
 Extraction Pump

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
<u>10:10 a.</u>					
			<u>Insufficient Water for Sample</u>		

Did well dewater? Yes <u>No</u>	Gallons actually evacuated:
Sampling Time: <u>10:10 a.</u>	Sampling Date: <u>4/20/04</u>
Sample I.D.: <u>MW-6</u>	Laboratory: <u>Page</u> <u>Sequoia</u> Other _____
Analyzed for: <u>HPLG</u> <u>BTEX</u> MTBE TPH-D Other: <u>Oxys. EHA</u> <u>1,2-DCA</u> <u>EVB</u> <u>8260</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>0404120-961</u>	Station # <u>601</u>
Sampler: <u>PC</u>	Date: <u>4/20/04</u>
Well I.D.: <u>MW-7</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>9.94</u>	Depth to Water: <u>8.95</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSD)</u> HACH

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

Purge Method: Bailer Sampling Method: ~~PC~~ Bailer
 Disposable Bailer Disposable Bailer
 Positive Air Displacement Extraction Port
 Electric Submersible Other: _____
 Extraction Pump
 Other: _____

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

1 Case Volume (Gals.)	X	<u>No Purge</u>	=	_____ Gals.
		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
<u>1000</u>	<u>63.9</u>	<u>7.2</u>	<u>1510</u>	<u>—</u>	<u>clear</u>

Did well dewater? Yes <u>(No)</u>	Gallons actually evacuated: <u>—</u>
Sampling Time: <u>1000</u>	Sampling Date: <u>4/20/04</u>
Sample I.D.: <u>MU-1220</u>	Laboratory: <u>Pace Sequoia</u> Other: _____
Analyzed for: <u>PH-G BTEX</u> MTBE TPH-D Other: <u>Oxys, Ethano, 1,2-DCA, 6, 8260</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>5.6</u> mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

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ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>040410-PC1</u>	Station # <u>601</u>
Sampler: <u>PC</u>	Date: <u>4/20/04</u>
Well I.D.: <u>MW-8</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>10.15</u>	Depth to Water: <u>8.21</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSD</u> HACH

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

Purge Method: ☐ Bailer Sampling Method: ☒ Bailer
☒ Disposable Bailer ☒ Disposable Bailer
☐ Positive Air Displacement Extraction Port
☐ Electric Submersible
☐ Extraction Pump
Other: _____

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

1 Case Volume (Gals.)	X	<u>No purge</u>	=	_____ Gals.
		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
<u>1104</u>	<u>62.5</u>	<u>8.7</u>	<u>1210</u>	—	<u>clear</u>

Did well dewater? Yes ☐ No ☒		Gallons actually evacuated: <u>—</u>	
Sampling Time: <u>1104</u>		Sampling Date: <u>4/20/04</u>	
Sample I.D.: <u>MW-8</u>		Laboratory: Pace <u>Sequoia</u> Other _____	
Analyzed for: <u>TPH-G BTEX</u> MTBE TPH-D Other: <u>Oxy's, Ethano, 1,2-DCA, 6260</u>			
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: <u>10.1</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: _____ mV

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

BP GEM OIL COMPANY TYPE **A** BILL OF LADING

SOURCE RECORD BILL OF LADING FOR NON-
HAZARDOUS PURGEWATER RECOVERED FROM
GROUNDWATER WELLS AT BP GEM OIL COMPANY
FACILITIES IN THE STATE OF CALIFORNIA. THE NON-
HAZARDOUS PURGE- WATER WHICH HAS BEEN
RECOVERED FROM GROUND- WATER WELLS IS
COLLECTED BY THE CONTRACTOR, MADE UP INTO
LOADS OF APPROPRIATE SIZE AND HAULED BY
DILLARD ENVIRONMENTAL TO THE ALTAMONT
LANDFILL AND RESOURCE RECOVERY FACILITY IN
LIVERMORE, CALIFORNIA.

The contractor performing this work is PLAINE TECH
SERVICES, INC. (BTS), 1680 Rogers Avenue, San Jose, CA
95112 (phone [408] 573-0555). Blaine Tech Services, Inc. is
authorized by BP GEM OIL COMPANY to recover, collect,
apportion into loads the Non-Hazardous Well Purgewater that is
drawn from wells at the BP GEM Oil Company facility indicated
below and deliver that purgewater to BTS. Transport routing of
the Non-Hazardous Well Purgewater may be direct from one BP
GEM facility to the designated destination point; from one BP
GEM facility to the designated destination point via another BP
GEM facility; from a BP GEM facility to the designated
destination point via the contractor's facility, or any combination
thereof. The Non-Hazardous Well Purgewater is and remains the
property of BP GEM Oil Company.

This Source Record **BILL OF LADING** was initiated to
cover the recovery of Non-Hazardous Well Purgewater from wells
at the BP GEM Oil Company facility described below:

601		
Station #		
712 Lewelling Blvd, San Leandro		
Station Address		
Total Gallons Collected From Groundwater Monitoring Wells:		
15 gal		
added equip. rinse water	any other adjustments	
TOTAL GALS. RECOVERED	15	loaded onto BTS vehicle #
BTS event #	040112 - 201	time 1345
signature	date 1/12/04	

REC'D AT	time	date
		1/1/
unloaded by signature		

ATTACHMENT B

**LABORATORY PROCEDURES,
CERTIFIED ANALYTICAL REPORTS,
AND CHAIN-OF-CUSTODY RECORDS**

LABORATORY PROCEDURES

Laboratory Procedures

The groundwater samples were analyzed for the presence of the chemicals mentioned in the chain of custody using standard EPA methods. The methods of analysis for the groundwater samples are documented in the certified analytical report. The certified analytical reports and chain-of-custody record are presented in this attachment. The analytical data provided by the laboratory approved by Atlantic Richfield Company have been reviewed and verified by that laboratory.



8 May, 2004

Scott Robinson
URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland, CA 94612

RE: ARCO #0601, San Leandro, CA
Work Order: MND0504

Enclosed are the results of analyses for samples received by the laboratory on 04/21/04 16:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

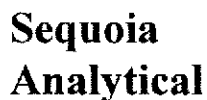
MND0504
Reported:
05/08/04 13:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MND0504-01	Water	04/20/04 09:45	04/21/04 16:10
MW-3	MND0504-02	Water	04/20/04 11:30	04/21/04 16:10
MW-4	MND0504-03	Water	04/20/04 10:55	04/21/04 16:10
MW-5	MND0504-04	Water	04/20/04 10:18	04/21/04 16:10
MW-7	MND0504-05	Water	04/20/04 10:00	04/21/04 16:10
MW-8	MND0504-06	Water	04/20/04 11:04	04/21/04 16:10

The carbon range for the TPH-GRO has been changed from C6-C10 to C4-C12. The carbon range for TPH-DRO has been changed from C10-C28 to C10-C36. EPA 8015B has been modified to better meet the requirements of California regulatory agencies.

These samples were received with intact custody seals.



885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MND0504-03) Water Sampled: 04/20/04 10:55 Received: 04/21/04 16:10									
Ethanol	ND	1000	ug/l	10	4D23002	04/23/04	04/23/04	EPA 8260B	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Methyl tert-butyl ether	12	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Benzene	160	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	50	5.0	"	"	"	"	"	"	
Xylenes (total)	320	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	1500	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		85.2 %		78-129	"	"	"	"	
MW-5 (MND0504-04) Water Sampled: 04/20/04 10:18 Received: 04/21/04 16:10									
Ethanol	ND	100	ug/l	1	4D29035	04/29/04	04/29/04	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	12	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	3.0	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	53	0.50	"	"	"	"	"	"	
Toluene	13	0.50	"	"	"	"	"	"	
Ethylbenzene	12	0.50	"	"	"	"	"	"	
Xylenes (total)	29	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	300	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		102 %		78-129	"	"	"	"	

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MND0504-05) Water Sampled: 04/20/04 10:00 Received: 04/21/04 16:10									
Ethanol	ND	100	ug/l	1	4D29035	04/29/04	04/29/04	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	78-129	"	"	"	"	"	
MW-8 (MND0504-06) Water Sampled: 04/20/04 11:04 Received: 04/21/04 16:10									
Ethanol	ND	100	ug/l	1	4D29035	04/29/04	04/29/04	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	25	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	55	50	"	"	"	"	"	"	HC-19
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	78-129	"	"	"	"	"	

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MND0504-01) Water Sampled: 04/20/04 09:45 Received: 04/21/04 16:10									
Acenaphthene	ND	9.8	ug/l	1	4040596	04/22/04	04/23/04	EPA 8270C	
Acenaphthylene	ND	9.8	"	"	"	"	"	"	
Anthracene	ND	9.8	"	"	"	"	"	"	
Azobenzene	ND	20	"	"	"	"	"	"	
Benzidine	ND	49	"	"	"	"	"	"	
Benzoic acid	ND	49	"	"	"	"	"	"	
Benzo (a) anthracene	ND	9.8	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	9.8	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	9.8	"	"	"	"	"	"	
Benzo (a) pyrene	ND	9.8	"	"	"	"	"	"	
Benzyl alcohol	ND	20	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.8	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	9.8	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	9.8	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	140	9.8	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	9.8	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	9.8	"	"	"	"	"	"	
4-Chloroaniline	ND	20	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	20	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.8	"	"	"	"	"	"	
2-Chlorophenol	ND	9.8	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	9.8	"	"	"	"	"	"	
Chrysene	ND	9.8	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	9.8	"	"	"	"	"	"	
Dibenzofuran	ND	9.8	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	9.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	9.8	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	9.8	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	9.8	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	20	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	9.8	"	"	"	"	"	"	
Diethyl phthalate	ND	9.8	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	9.8	"	"	"	"	"	"	
Dimethyl phthalate	ND	9.8	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	49	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	49	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	9.8	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	9.8	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	9.8	"	"	"	"	"	"	
Fluoranthene	ND	9.8	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MND0504-01) Water Sampled: 04/20/04 09:45 Received: 04/21/04 16:10									
Fluorene	ND	9.8	ug/l	1	4040596	04/22/04	04/23/04	EPA 8270C	
Hexachlorobenzene	ND	9.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	9.8	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	9.8	"	"	"	"	"	"	
Hexachloroethane	ND	9.8	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	9.8	"	"	"	"	"	"	
Isophorone	ND	9.8	"	"	"	"	"	"	
2-Methylnaphthalene	440	98	"	10	"	"	04/23/04	"	
2-Methylphenol	ND	9.8	"	1	"	"	04/23/04	"	
4-Methylphenol	ND	9.8	"	"	"	"	"	"	
Naphthalene	1200	98	"	10	"	"	04/23/04	"	
2-Nitroaniline	ND	49	"	1	"	"	04/23/04	"	
3-Nitroaniline	ND	49	"	"	"	"	"	"	
4-Nitroaniline	ND	49	"	"	"	"	"	"	
Nitrobenzene	ND	9.8	"	"	"	"	"	"	
2-Nitrophenol	ND	9.8	"	"	"	"	"	"	
4-Nitrophenol	ND	49	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	20	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	9.8	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	9.8	"	"	"	"	"	"	
Pentachlorophenol	ND	49	"	"	"	"	"	"	
Phenanthrene	ND	9.8	"	"	"	"	"	"	
Phenol	ND	9.8	"	"	"	"	"	"	
Pyrene	ND	9.8	"	"	"	"	"	"	
Pyridine	ND	9.8	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	9.8	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	9.8	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.8	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		53 %	20-116		"	"	"	"	
Surrogate: Phenol-d6		40 %	15-131		"	"	"	"	
Surrogate: Nitrobenzene-d5		74 %	39-103		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		90 %	40-124		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		115 %	22-142		"	"	"	"	
Surrogate: Terphenyl-d14		100 %	56-139		"	"	"	"	

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4D23002 - EPA 5030B P/T

Blank (4D23002-BLK1)

Prepared & Analyzed: 04/23/04

Ethanol	ND	100	ug/l							
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	4.51		"	5.00		90.2	78-129			

Laboratory Control Sample (4D23002-BS1)

Prepared & Analyzed: 04/23/04

Ethanol	213	100	ug/l	200		106	31-186			
tert-Butyl alcohol	47.4	20	"	50.0		94.8	0-206			
Methyl tert-butyl ether	9.71	0.50	"	10.0		97.1	63-137			
Di-isopropyl ether	12.0	0.50	"	10.0		120	76-130			
Ethyl tert-butyl ether	10.3	0.50	"	10.0		103	61-141			
tert-Amyl methyl ether	10.2	0.50	"	10.0		102	56-140			
1,2-Dichloroethane	9.06	0.50	"	10.0		90.6	77-136			
1,2-Dibromoethane (EDB)	8.44	0.50	"	10.0		84.4	77-132			
Benzene	11.3	0.50	"	10.0		113	78-124			
Toluene	9.63	0.50	"	10.0		96.3	78-129			
Ethylbenzene	10.1	0.50	"	10.0		101	84-117			
Xylenes (total)	27.5	0.50	"	30.0		91.7	83-125			
Surrogate: 1,2-Dichloroethane-d4	4.26		"	5.00		85.2	78-129			

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4D23002 - EPA 5030B P/T

Laboratory Control Sample (4D23002-BS2)

Prepared & Analyzed: 04/23/04

Methyl tert-butyl ether	8.93	0.50	ug/l	9.92		90.0	63-137		
Benzene	6.30	0.50	"	6.40		98.4	78-124		
Toluene	34.2	0.50	"	29.7		115	78-129		
Ethylbenzene	7.62	0.50	"	6.96		109	84-117		
Xylenes (total)	34.9	0.50	"	33.7		104	83-125		
Gasoline Range Organics (C4-C12)	428	50	"	440		97.3	70-124		
Surrogate: 1,2-Dichloroethane-d4	4.22		"	5.00		84.4	78-129		

Laboratory Control Sample Dup (4D23002-BSD1)

Prepared & Analyzed: 04/23/04

Ethanol	204	100	ug/l	200		102	31-186	4.32	37
tert-Butyl alcohol	49.7	20	"	50.0		99.4	0-206	4.74	22
Methyl tert-butyl ether	9.81	0.50	"	10.0		98.1	63-137	1.02	13
Di-isopropyl ether	12.4	0.50	"	10.0		124	76-130	3.28	9
Ethyl tert-butyl ether	10.4	0.50	"	10.0		104	61-141	0.966	9
tert-Amyl methyl ether	10.2	0.50	"	10.0		102	56-140	0.00	12
1,2-Dichloroethane	8.82	0.50	"	10.0		88.2	77-136	2.68	13
1,2-Dibromoethane (EDB)	8.49	0.50	"	10.0		84.9	77-132	0.591	9
Benzene	11.6	0.50	"	10.0		116	78-124	2.62	12
Toluene	9.82	0.50	"	10.0		98.2	78-129	1.95	10
Ethylbenzene	10.3	0.50	"	10.0		103	84-117	1.96	10
Xylenes (total)	28.4	0.50	"	30.0		94.7	83-125	3.22	11
Surrogate: 1,2-Dichloroethane-d4	4.19		"	5.00		83.8	78-129		

Laboratory Control Sample Dup (4D23002-BSD2)

Prepared & Analyzed: 04/23/04

Methyl tert-butyl ether	8.76	0.50	ug/l	9.92		88.3	63-137	1.92	13
Benzene	6.45	0.50	"	6.40		101	78-124	2.35	12
Toluene	34.3	0.50	"	29.7		115	78-129	0.292	10
Ethylbenzene	7.34	0.50	"	6.96		105	84-117	3.74	10
Xylenes (total)	34.2	0.50	"	33.7		101	83-125	2.03	11
Gasoline Range Organics (C4-C12)	430	50	"	440		97.7	70-124	0.466	20
Surrogate: 1,2-Dichloroethane-d4	4.23		"	5.00		84.6	78-129		

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4D29035 - EPA 5030B P/T

Blank (4D29035-BLK1)

Prepared & Analyzed: 04/29/04

Ethanol	ND	100	ug/l							
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							

Surrogate: 1,2-Dichloroethane-d4 5.17 " 5.00 103 78-129

Laboratory Control Sample (4D29035-BS1)

Prepared & Analyzed: 04/29/04

Ethanol	218	100	ug/l	200		109	31-186			
tert-Butyl alcohol	48.4	20	"	50.0		96.8	0-206			
Methyl tert-butyl ether	10.1	0.50	"	10.0		101	63-137			
Di-isopropyl ether	9.92	0.50	"	10.0		99.2	76-130			
Ethyl tert-butyl ether	11.0	0.50	"	10.0		110	61-141			
tert-Amyl methyl ether	10.2	0.50	"	10.0		102	56-140			
1,2-Dichloroethane	10.6	0.50	"	10.0		106	77-136			
1,2-Dibromoethane (EDB)	10.1	0.50	"	10.0		101	77-132			
Benzene	10.7	0.50	"	10.0		107	78-124			
Toluene	10.3	0.50	"	10.0		103	78-129			
Ethylbenzene	9.71	0.50	"	10.0		97.1	84-117			
Xylenes (total)	30.0	0.50	"	30.0		100	83-125			

Surrogate: 1,2-Dichloroethane-d4 5.09 " 5.00 102 78-129

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4D29035 - EPA 5030B P/T

Laboratory Control Sample (4D29035-BS2)

Prepared & Analyzed: 04/29/04

Methyl tert-butyl ether	9.12	0.50	ug/l	9.92		91.9	63-137			
Benzene	5.86	0.50	"	6.40		91.6	78-124			
Toluene	35.4	0.50	"	29.7		119	78-129			
Ethylbenzene	7.34	0.50	"	6.96		105	84-117			
Xylenes (total)	37.9	0.50	"	33.7		112	83-125			
Gasoline Range Organics (C4-C12)	410	50	"	440		93.2	70-124			
Surrogate: 1,2-Dichloroethane-d4	5.12		"	5.00		102	78-129			

Laboratory Control Sample Dup (4D29035-BSD1)

Prepared: 04/29/04 Analyzed: 04/30/04

Ethanol	249	100	ug/l	200		124	31-186	13.3	37	
tert-Butyl alcohol	48.8	20	"	50.0		97.6	0-206	0.823	22	
Methyl tert-butyl ether	10.1	0.50	"	10.0		101	63-137	0.00	13	
Di-isopropyl ether	9.98	0.50	"	10.0		99.8	76-130	0.603	9	
Ethyl tert-butyl ether	10.8	0.50	"	10.0		108	61-141	1.83	9	
tert-Amyl methyl ether	9.87	0.50	"	10.0		98.7	56-140	3.29	12	
1,2-Dichloroethane	10.8	0.50	"	10.0		108	77-136	1.87	13	
1,2-Dibromoethane (EDB)	10.2	0.50	"	10.0		102	77-132	0.985	9	
Benzene	10.8	0.50	"	10.0		108	78-124	0.930	12	
Toluene	10.4	0.50	"	10.0		104	78-129	0.966	10	
Ethylbenzene	9.80	0.50	"	10.0		98.0	84-117	0.923	10	
Xylenes (total)	30.0	0.50	"	30.0		100	83-125	0.00	11	
Surrogate: 1,2-Dichloroethane-d4	5.10		"	5.00		102	78-129			

Laboratory Control Sample Dup (4D29035-BSD2)

Prepared: 04/29/04 Analyzed: 04/30/04

Methyl tert-butyl ether	9.20	0.50	ug/l	9.92		92.7	63-137	0.873	13	
Benzene	6.32	0.50	"	6.40		98.8	78-124	7.55	12	
Toluene	37.9	0.50	"	29.7		128	78-129	6.82	10	
Ethylbenzene	7.56	0.50	"	6.96		109	84-117	2.95	10	
Xylenes (total)	39.7	0.50	"	33.7		118	83-125	4.64	11	
Gasoline Range Organics (C4-C12)	431	50	"	440		98.0	70-124	4.99	20	
Surrogate: 1,2-Dichloroethane-d4	5.32		"	5.00		106	78-129			

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4040596 - EPA 3510C SepFunnel

Blank (4040596-BLK1)

Prepared: 04/22/04 Analyzed: 04/23/04

Acenaphthene	ND	10	ug/l
Acenaphthylene	ND	10	"
Anthracene	ND	10	"
Azobenzene	ND	20	"
Benzidine	ND	50	"
Benzoic acid	ND	50	"
Benzo (a) anthracene	ND	10	"
Benzo (b+k) fluoranthene (total)	ND	10	"
Benzo (g,h,i) perylene	ND	10	"
Benzo (a) pyrene	ND	10	"
Benzyl alcohol	ND	20	"
Bis(2-chloroethoxy)methane	ND	10	"
Bis(2-chloroethyl)ether	ND	10	"
Bis(2-chloroisopropyl)ether	ND	10	"
Bis(2-ethylhexyl)phthalate	ND	10	"
4-Bromophenyl phenyl ether	ND	10	"
Butyl benzyl phthalate	ND	10	"
4-Chloroaniline	ND	20	"
4-Chloro-3-methylphenol	ND	20	"
2-Chloronaphthalene	ND	10	"
2-Chlorophenol	ND	10	"
4-Chlorophenyl phenyl ether	ND	10	"
Chrysene	ND	10	"
Dibenz (a,h) anthracene	ND	10	"
Dibenzofuran	ND	10	"
Di-n-butyl phthalate	ND	10	"
1,2-Dichlorobenzene	ND	10	"
1,3-Dichlorobenzene	ND	10	"
1,4-Dichlorobenzene	ND	10	"
3,3'-Dichlorobenzidine	ND	20	"
2,4-Dichlorophenol	ND	10	"
Diethyl phthalate	ND	10	"
2,4-Dimethylphenol	ND	10	"
Dimethyl phthalate	ND	10	"
4,6-Dinitro-2-methylphenol	ND	50	"
2,4-Dinitrophenol	ND	50	"

Sequoia Analytical - Morgan Hill

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URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4040596 - EPA 3510C SepFunnel

Blank (4040596-BLK1)

Prepared: 04/22/04 Analyzed: 04/23/04

2,4-Dinitrotoluene	ND	10	ug/l							
2,6-Dinitrotoluene	ND	10	"							
Di-n-octyl phthalate	ND	10	"							
Fluoranthene	ND	10	"							
Fluorene	ND	10	"							
Hexachlorobenzene	ND	10	"							
Hexachlorobutadiene	ND	10	"							
Hexachlorocyclopentadiene	ND	10	"							
Hexachloroethane	ND	10	"							
Indeno (1,2,3-cd) pyrene	ND	10	"							
Isophorone	ND	10	"							
2-Methylnaphthalene	ND	10	"							
2-Methylphenol	ND	10	"							
4-Methylphenol	ND	10	"							
Naphthalene	ND	10	"							
2-Nitroaniline	ND	50	"							
3-Nitroaniline	ND	50	"							
4-Nitroaniline	ND	50	"							
Nitrobenzene	ND	10	"							
2-Nitrophenol	ND	10	"							
4-Nitrophenol	ND	50	"							
N-Nitrosodimethylamine	ND	20	"							
N-Nitrosodiphenylamine	ND	10	"							
N-Nitrosodi-n-propylamine	ND	10	"							
Pentachlorophenol	ND	50	"							
Phenanthrene	ND	10	"							
Phenol	ND	10	"							
Pyridine	ND	10	"							
Pyrene	ND	10	"							
1,2,4-Trichlorobenzene	ND	10	"							
2,4,5-Trichlorophenol	ND	10	"							
2,4,6-Trichlorophenol	ND	10	"							
Surrogate: 2-Fluorophenol	27.3		"	50.0		55	20-116			
Surrogate: Phenol-d6	21.4		"	50.0		43	15-131			
Surrogate: Nitrobenzene-d5	45.9		"	50.0		92	39-103			
Surrogate: 2-Fluorobiphenyl	46.3		"	50.0		93	40-124			

Sequoia Analytical - Morgan Hill

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URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4040596 - EPA 3510C SepFunnel

Blank (4040596-BLK1)

Prepared: 04/22/04 Analyzed: 04/23/04

Surrogate: 2,4,6-Tribromophenol	51.7		"	50.0		103	22-142			
Surrogate: Terphenyl-d14	53.5		"	50.0		107	56-139			

Laboratory Control Sample (4040596-BS1)

Prepared: 04/22/04 Analyzed: 04/23/04

Acenaphthene	47.2	10	ug/l	50.0		94	58-120			
4-Chloro-3-methylphenol	49.2	20	"	50.0		98	60-121			
2-Chlorophenol	44.5	10	"	50.0		89	28-111			
1,4-Dichlorobenzene	42.5	10	"	50.0		85	42-98			
2,4-Dinitrotoluene	51.6	10	"	50.0		103	64-133			
4-Nitrophenol	25.2	50	"	50.0		50	25-148			
N-Nitrosodi-n-propylamine	50.7	10	"	50.0		101	62-117			
Pentachlorophenol	42.8	50	"	50.0		86	40-131			
Phenol	22.5	10	"	50.0		45	22-117			
Pyrene	50.2	10	"	50.0		100	51-138			
1,2,4-Trichlorobenzene	45.3	10	"	50.0		91	41-108			
Surrogate: 2-Fluorophenol	28.9		"	50.0		58	20-116			
Surrogate: Phenol-d6	21.8		"	50.0		44	15-131			
Surrogate: Nitrobenzene-d5	46.9		"	50.0		94	39-103			
Surrogate: 2-Fluorobiphenyl	47.1		"	50.0		94	40-124			
Surrogate: 2,4,6-Tribromophenol	54.7		"	50.0		109	22-142			
Surrogate: Terphenyl-d14	53.6		"	50.0		107	56-139			

Laboratory Control Sample Dup (4040596-BSD1)

Prepared: 04/22/04 Analyzed: 04/23/04

Acenaphthene	47.9	10	ug/l	50.0		96	58-120	1	27	
4-Chloro-3-methylphenol	50.6	20	"	50.0		101	60-121	3	30	
2-Chlorophenol	46.7	10	"	50.0		93	28-111	5	39	
1,4-Dichlorobenzene	43.7	10	"	50.0		87	42-98	3	41	
2,4-Dinitrotoluene	52.4	10	"	50.0		105	64-133	2	22	
4-Nitrophenol	25.1	50	"	50.0		50	25-148	0.4	44	
N-Nitrosodi-n-propylamine	52.3	10	"	50.0		105	62-117	3	44	
Pentachlorophenol	45.3	50	"	50.0		91	40-131	6	33	
Phenol	23.3	10	"	50.0		47	22-117	3	33	
Pyrene	51.2	10	"	50.0		102	51-138	2	25	
1,2,4-Trichlorobenzene	47.0	10	"	50.0		94	41-108	4	48	
Surrogate: 2-Fluorophenol	30.0		"	50.0		60	20-116			
Surrogate: Phenol-d6	22.5		"	50.0		45	15-131			

Sequoia Analytical - Morgan Hill

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URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MND0504
Reported:
05/08/04 13:59

**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4040596 - EPA 3510C SepFunnel

Laboratory Control Sample Dup (4040596-BSD1)

Prepared: 04/22/04 Analyzed: 04/23/04

Surrogate: Nitrobenzene-d5	48.4		ug/l	50.0		97	39-103			
Surrogate: 2-Fluorobiphenyl	47.1		"	50.0		94	40-124			
Surrogate: 2,4,6-Tribromophenol	55.1		"	50.0		110	22-142			
Surrogate: Terphenyl-d14	54.2		"	50.0		108	56-139			

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott RobinsonMND0504
Reported:
05/08/04 13:59**Notes and Definitions**

HC-19 Discrete peak @ C-5.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference



Chain of Custody Record

Page 1 of 1

Project Name 601 GWM

BP BU/GEM CO Portfolio Retail

BP Laboratory Contract Number: Atlantic Richfield CompanyDate: 4/2/04Requested Due Date (mm/dd/yy) 14 day TATOn-site Time: 800 Temp: 60°FOff-site Time: 1155 Temp: 60°FSky Conditions: cloudyMeteorological Events: none

Wind Speed: Direction:

Send To:	BP/GEM Facility No.: <u>ARCO 601</u>	Consultant/Contractor: <u>URS</u>
Lab Name: <u>SEQUOIA</u>	BP/GEM Facility Address: <u>712 Lewelling Blvd, San Leandro, CA</u>	Address: <u>1333 Broadway, Suite 800</u>
Lab Address: <u>885 Jarvis Dr.</u>	Site ID No. <u>ARCO 601</u>	<u>Oakland, CA 94612</u>
<u>Morgan Hill, CA 95037</u>	Site Lat/Long:	e-mail EDD: <u>donna.casper@URSCorp.com</u>
Lab PM <u>Lisa Race</u>	California Global ID #: <u>T0600100108</u>	Consultant/Contractor Project No.: <u>15-00000601.01 00427</u>
Tele/Fax: <u>408-776-9600 / 408-782-6308</u>	BP/GEM PM Contact: <u>PAUL SUPPLE</u>	Consultant Tele/Fax: <u>510-893-3800/510-874-3268</u>
Report Type & QC Level: <u>1 Send EDP Reports</u>	Address: <u>P.O. Box 6549</u>	Consultant/Contractor PM: <u>Scott Robinson</u>
BP/GEM Account No.:	<u>Moraga, CA 94570</u>	Invoice to: Consultant/Contractor of <u>BP/GEM</u> (Circle one)
Lab Bottle Order No:	Tele/Fax: <u>925-299-8891/925-299-8872</u>	BP/GEM Work Release No: <u>INTRIM -50677</u>

Lab Bottle Order No:			Matrix				Laboratory No.	No. of containers	Preservatives					Requested Analysis										Sample Point Lat/Long and Comments
Item No.	Sample Description	Time	Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl		GRO / BTEX P8015/8021/8260	DROW/SGC (8015)	MTBE (8021)	MTBE (8260)	MTBE, TAME, ETBE DIPE, TBA (8260)	1,2-DCA & EDB (8260)	Ethanol (8260)	SVOC's (8270)			
1	MW-1	945	X				01	5			X		X			X	X	X	X	X				
2	MW-3	1130	X				02	3			X		X			X	X	X	X					
3	MW-4	1055	X				03	3			X		X			X	X	X	X					
4	MW-5	1018	X				04	3			X		X			X	X	X	X					
5	MW-6	1000	X				05	3			X		X			X	X	X	X			no sample		
6	MW-7	1000	X				05	3			X		X			X	X	X	X					
7	MW-8	1104	X				06	3			X		X			X	X	X	X					
8	TS-601H202004	1100	X				07	2	X													on hold		
9																								
10																								

Sampler's Name: <u>P. Lomish</u>	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: <u>Blaine Tech</u>	<u>P. Lomish</u>	<u>4/2/04</u>	<u>1125</u>	<u>M. Lomish</u>	<u>4/2/04</u>	<u>1125</u>
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

Special Instructions: Address Invoice to BP/GEM but send to URS for approvalSeals In Place Yes 12 No 1 Temperature Blank Yes 1 No 1 Cooler Temperature on Receipt 6 °F/C Trip Blank Yes 1 No 1

Distribution: White Copy - Laboratory / Yellow Copy - BP/GEM / Pink Copy - Consultant/Contractor

BP COC Rev. 1 2/5/02

QUOIA ANALYTICAL SAMPLE RECEIPT LOG

DATE REC'D AT LAB: 4-21-07

TIME REC'D AT LAB: 1610

DATE LOGGED IN: 4-22-07

DRINKING WATER for
regulatory purposes: YES / NO

WASTE WATER for
regulatory purposes: YES / NO

RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER- DESCRIPTION	PRESERV ATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
<u>Present / Absent</u>	01		MW-1	Voa (3)	HCl	L	4-20-07	
<u>Intact / Broken*</u>	↓		↓	1 L Amber	—	↓	↓	
<u>Present / Absent*</u>	02		MW-3	Voa (2)	HCl			
	03		↓ -4	↓	↓	↓	↓	
<u>Present / Absent</u>	04		↓ -5	↓	↓	↓	↓	
Airbill / Sticker	05		↓ -7	↓	↓	↓	↓	
<u>Present / Absent</u>	06		↓ -8	↓	↓	↓	↓	
	07		TS-601402004	↓	↓	↓	↓	
Sample Labels: <u>Present / Absent</u>								
Sample IDs: <u>Listed / Not Listed</u> on Chain-of-Custody								
Sample Condition: <u>Intact / Broken* /</u> <u>Leaking*</u>								
9. Does information on chain-of-custody, traffic reports and sample labels agree? <u>Yes / No*</u>								
10. Sample received within hold time: <u>Yes / No*</u>								
11. Adequate sample volume received? <u>Yes / No*</u>								
12. Proper Preservatives used: <u>Yes / No*</u>								
13. Temp Rec. at Lab: Is temp 4 +/- 2°C? <u>Yes / No**</u>								
(Acceptance range for samples requiring thermal pres.)								
**Exception (if any): METALS / DFF ON ICE or Problem COC								

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL r4.xls

Revision 4 (11/10/03)

Replaces Revision 3 (03/18/03)

Version 11/10/03

Page 1 of 1

ATTACHMENT C

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Error Summary Log

05/24/04

EDF 1.2i All files present in deliverable.

Laboratory:	Sequoia Analytical Laboratories, Inc., Morgan Hill, CA
Project Name:	ARCO #0601, San Leandro,
Work Order Number:	MND0504
Global ID:	T0600100108
Lab Report Number:	MND0504050820041359

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
MND0504050820	MW-1	MND050401	W	CS	8260FA	SW5030B	04/20/04	04/23/04	04/23/04	4D23002	1	
041359												
MND0504050820	MW-1	MND050401	W	CS	SW8270C	SW3510C	04/20/04	04/22/04	04/23/04	4040596	1	SEQP
041359												
MND0504050820	MW-3	MND050402	W	CS	8260FA	SW5030B	04/20/04	04/23/04	04/23/04	4D23002	1	
041359												
MND0504050820	MW-4	MND050403	W	CS	8260FA	SW5030B	04/20/04	04/23/04	04/23/04	4D23002	1	
041359												
MND0504050820	MW-5	MND050404	W	CS	8260FA	SW5030B	04/20/04	04/29/04	04/29/04	4D29035	1	
041359												
MND0504050820	MW-7	MND050405	W	CS	8260FA	SW5030B	04/20/04	04/29/04	04/29/04	4D29035	1	
041359												
MND0504050820	MW-8	MND050406	W	CS	8260FA	SW5030B	04/20/04	04/29/04	04/29/04	4D29035	1	
041359												
		4040596BSD1	WQ	BD1	SW8270C	SW3510C	/ /	04/22/04	04/23/04	4040596	1	SEQP
		4040596BS1	WQ	BS1	SW8270C	SW3510C	/ /	04/22/04	04/23/04	4040596	1	SEQP
		4040596BLK1	WQ	LB1	SW8270C	SW3510C	/ /	04/22/04	04/23/04	4040596	1	SEQP
		4D23002BSD1	WQ	BD1	8260FA	SW5030B	/ /	04/23/04	04/23/04	4D23002	1	
		4D23002BSD2	WQ	BD2	8260FA	SW5030B	/ /	04/23/04	04/23/04	4D23002	1	
		4D23002BS1	WQ	BS1	8260FA	SW5030B	/ /	04/23/04	04/23/04	4D23002	1	
		4D23002BS2	WQ	BS2	8260FA	SW5030B	/ /	04/23/04	04/23/04	4D23002	1	
		4D23002BLK1	WQ	LB1	8260FA	SW5030B	/ /	04/23/04	04/23/04	4D23002	1	
		4D29035BSD1	WQ	BD1	8260FA	SW5030B	/ /	04/29/04	04/30/04	4D29035	1	
		4D29035BSD2	WQ	BD2	8260FA	SW5030B	/ /	04/29/04	04/30/04	4D29035	1	
		4D29035BS1	WQ	BS1	8260FA	SW5030B	/ /	04/29/04	04/29/04	4D29035	1	
		4D29035BS2	WQ	BS2	8260FA	SW5030B	/ /	04/29/04	04/29/04	4D29035	1	
		4D29035BLK1	WQ	LB1	8260FA	SW5030B	/ /	04/29/04	04/29/04	4D29035	1	

EDFSAMP: Error Summary Log

05/24/04

Error type	Logcode	Projname	Npdlwo	Sampid	Matrix
There are no errors in this data file					

EDFTEST: Error Summary Log

05/24/04

Error type	Labsampid	Qccode	Anmcode	Exmcode	Anadate	Run number
There are no errors in this data file					//	0

EDFRES: Error Summary Log

05/24/04

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	MND050401	CS	W	8260FA	PR	04/23/04	1	BZ
Warning: extra parameter	MND050401	CS	W	8260FA	PR	04/23/04	1	BZME
Warning: extra parameter	MND050401	CS	W	8260FA	PR	04/23/04	1	DCA12D4
Warning: extra parameter	MND050401	CS	W	8260FA	PR	04/23/04	1	EBZ
Warning: extra parameter	MND050401	CS	W	8260FA	PR	04/23/04	1	GROC4C12
Warning: extra parameter	MND050401	CS	W	8260FA	PR	04/23/04	1	XYLENES
Warning: extra parameter	MND050401	CS	W	SW8270C	PR	04/23/04	1	AZOBENZENE
Warning: extra parameter	MND050401	CS	W	SW8270C	PR	04/23/04	1	BZBFBZKF
Warning: extra parameter	MND050402	CS	W	8260FA	PR	04/23/04	1	BZ
Warning: extra parameter	MND050402	CS	W	8260FA	PR	04/23/04	1	BZME
Warning: extra parameter	MND050402	CS	W	8260FA	PR	04/23/04	1	DCA12D4
Warning: extra parameter	MND050402	CS	W	8260FA	PR	04/23/04	1	EBZ
Warning: extra parameter	MND050402	CS	W	8260FA	PR	04/23/04	1	GROC4C12
Warning: extra parameter	MND050402	CS	W	8260FA	PR	04/23/04	1	XYLENES
Warning: extra parameter	MND050403	CS	W	8260FA	PR	04/23/04	1	BZ
Warning: extra parameter	MND050403	CS	W	8260FA	PR	04/23/04	1	BZME
Warning: extra parameter	MND050403	CS	W	8260FA	PR	04/23/04	1	DCA12D4
Warning: extra parameter	MND050403	CS	W	8260FA	PR	04/23/04	1	EBZ
Warning: extra parameter	MND050403	CS	W	8260FA	PR	04/23/04	1	GROC4C12
Warning: extra parameter	MND050403	CS	W	8260FA	PR	04/23/04	1	XYLENES
Warning: extra parameter	MND050404	CS	W	8260FA	PR	04/29/04	1	BZ
Warning: extra parameter	MND050404	CS	W	8260FA	PR	04/29/04	1	BZME
Warning: extra parameter	MND050404	CS	W	8260FA	PR	04/29/04	1	DCA12D4
Warning: extra parameter	MND050404	CS	W	8260FA	PR	04/29/04	1	EBZ
Warning: extra parameter	MND050404	CS	W	8260FA	PR	04/29/04	1	GROC4C12

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	MND050404	CS	W	8260FA	PR	04/29/04	1	XYLENES
Warning: extra parameter	MND050405	CS	W	8260FA	PR	04/29/04	1	BZ
Warning: extra parameter	MND050405	CS	W	8260FA	PR	04/29/04	1	BZME
Warning: extra parameter	MND050405	CS	W	8260FA	PR	04/29/04	1	DCA12D4
Warning: extra parameter	MND050405	CS	W	8260FA	PR	04/29/04	1	EBZ
Warning: extra parameter	MND050405	CS	W	8260FA	PR	04/29/04	1	GROC4C12
Warning: extra parameter	MND050405	CS	W	8260FA	PR	04/29/04	1	XYLENES
Warning: extra parameter	MND050406	CS	W	8260FA	PR	04/29/04	1	BZ
Warning: extra parameter	MND050406	CS	W	8260FA	PR	04/29/04	1	BZME
Warning: extra parameter	MND050406	CS	W	8260FA	PR	04/29/04	1	DCA12D4
Warning: extra parameter	MND050406	CS	W	8260FA	PR	04/29/04	1	EBZ
Warning: extra parameter	MND050406	CS	W	8260FA	PR	04/29/04	1	GROC4C12
Warning: extra parameter	MND050406	CS	W	8260FA	PR	04/29/04	1	XYLENES
Warning: extra parameter	4040596BLK1	LB1	WQ	SW8270C	PR	04/23/04	1	AZOBENZENE
Warning: extra parameter	4040596BLK1	LB1	WQ	SW8270C	PR	04/23/04	1	BZBFBZKF
Warning: extra parameter	4D23002BLK1	LB1	WQ	8260FA	PR	04/23/04	1	BZ
Warning: extra parameter	4D23002BLK1	LB1	WQ	8260FA	PR	04/23/04	1	BZME
Warning: extra parameter	4D23002BLK1	LB1	WQ	8260FA	PR	04/23/04	1	DCA12D4
Warning: extra parameter	4D23002BLK1	LB1	WQ	8260FA	PR	04/23/04	1	EBZ
Warning: extra parameter	4D23002BLK1	LB1	WQ	8260FA	PR	04/23/04	1	GROC4C12
Warning: extra parameter	4D23002BLK1	LB1	WQ	8260FA	PR	04/23/04	1	XYLENES
Warning: extra parameter	4D23002BS1	BS1	WQ	8260FA	PR	04/23/04	1	BZ
Warning: extra parameter	4D23002BS1	BS1	WQ	8260FA	PR	04/23/04	1	BZME
Warning: extra parameter	4D23002BS1	BS1	WQ	8260FA	PR	04/23/04	1	DCA12D4
Warning: extra parameter	4D23002BS1	BS1	WQ	8260FA	PR	04/23/04	1	EBZ
Warning: extra parameter	4D23002BS1	BS1	WQ	8260FA	PR	04/23/04	1	XYLENES
Warning: extra parameter	4D23002BS2	BS2	WQ	8260FA	PR	04/23/04	1	BZ
Warning: extra parameter	4D23002BS2	BS2	WQ	8260FA	PR	04/23/04	1	BZME
Warning: extra parameter	4D23002BS2	BS2	WQ	8260FA	PR	04/23/04	1	DCA12D4

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	4D23002BS2	BS2	WQ	8260FA	PR	04/23/04	1	EBZ
Warning: extra parameter	4D23002BS2	BS2	WQ	8260FA	PR	04/23/04	1	GROC4C12
Warning: extra parameter	4D23002BS2	BS2	WQ	8260FA	PR	04/23/04	1	XYLENES
Warning: extra parameter	4D23002BSD1	BD1	WQ	8260FA	PR	04/23/04	1	BZ
Warning: extra parameter	4D23002BSD1	BD1	WQ	8260FA	PR	04/23/04	1	BZME
Warning: extra parameter	4D23002BSD1	BD1	WQ	8260FA	PR	04/23/04	1	DCA12D4
Warning: extra parameter	4D23002BSD1	BD1	WQ	8260FA	PR	04/23/04	1	EBZ
Warning: extra parameter	4D23002BSD1	BD1	WQ	8260FA	PR	04/23/04	1	XYLENES
Warning: extra parameter	4D23002BSD2	BD2	WQ	8260FA	PR	04/23/04	1	BZ
Warning: extra parameter	4D23002BSD2	BD2	WQ	8260FA	PR	04/23/04	1	BZME
Warning: extra parameter	4D23002BSD2	BD2	WQ	8260FA	PR	04/23/04	1	DCA12D4
Warning: extra parameter	4D23002BSD2	BD2	WQ	8260FA	PR	04/23/04	1	EBZ
Warning: extra parameter	4D23002BSD2	BD2	WQ	8260FA	PR	04/23/04	1	GROC4C12
Warning: extra parameter	4D23002BSD2	BD2	WQ	8260FA	PR	04/23/04	1	XYLENES
Warning: extra parameter	4D29035BLK1	LB1	WQ	8260FA	PR	04/29/04	1	BZ
Warning: extra parameter	4D29035BLK1	LB1	WQ	8260FA	PR	04/29/04	1	BZME
Warning: extra parameter	4D29035BLK1	LB1	WQ	8260FA	PR	04/29/04	1	DCA12D4
Warning: extra parameter	4D29035BLK1	LB1	WQ	8260FA	PR	04/29/04	1	EBZ
Warning: extra parameter	4D29035BLK1	LB1	WQ	8260FA	PR	04/29/04	1	GROC4C12
Warning: extra parameter	4D29035BLK1	LB1	WQ	8260FA	PR	04/29/04	1	XYLENES
Warning: extra parameter	4D29035BS1	BS1	WQ	8260FA	PR	04/29/04	1	BZ
Warning: extra parameter	4D29035BS1	BS1	WQ	8260FA	PR	04/29/04	1	BZME
Warning: extra parameter	4D29035BS1	BS1	WQ	8260FA	PR	04/29/04	1	DCA12D4
Warning: extra parameter	4D29035BS1	BS1	WQ	8260FA	PR	04/29/04	1	EBZ
Warning: extra parameter	4D29035BS1	BS1	WQ	8260FA	PR	04/29/04	1	XYLENES
Warning: extra parameter	4D29035BS2	BS2	WQ	8260FA	PR	04/29/04	1	BZ
Warning: extra parameter	4D29035BS2	BS2	WQ	8260FA	PR	04/29/04	1	BZME
Warning: extra parameter	4D29035BS2	BS2	WQ	8260FA	PR	04/29/04	1	DCA12D4
Warning: extra parameter	4D29035BS2	BS2	WQ	8260FA	PR	04/29/04	1	EBZ

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	4D29035BS2	BS2	WQ	8260FA	PR	04/29/04	1	GROC4C12
Warning: extra parameter	4D29035BS2	BS2	WQ	8260FA	PR	04/29/04	1	XYLENES
Warning: extra parameter	4D29035BSD1	BD1	WQ	8260FA	PR	04/30/04	1	BZ
Warning: extra parameter	4D29035BSD1	BD1	WQ	8260FA	PR	04/30/04	1	BZME
Warning: extra parameter	4D29035BSD1	BD1	WQ	8260FA	PR	04/30/04	1	DCA12D4
Warning: extra parameter	4D29035BSD1	BD1	WQ	8260FA	PR	04/30/04	1	EBZ
Warning: extra parameter	4D29035BSD1	BD1	WQ	8260FA	PR	04/30/04	1	XYLENES
Warning: extra parameter	4D29035BSD2	BD2	WQ	8260FA	PR	04/30/04	1	BZ
Warning: extra parameter	4D29035BSD2	BD2	WQ	8260FA	PR	04/30/04	1	BZME
Warning: extra parameter	4D29035BSD2	BD2	WQ	8260FA	PR	04/30/04	1	DCA12D4
Warning: extra parameter	4D29035BSD2	BD2	WQ	8260FA	PR	04/30/04	1	EBZ
Warning: extra parameter	4D29035BSD2	BD2	WQ	8260FA	PR	04/30/04	1	GROC4C12
Warning: extra parameter	4D29035BSD2	BD2	WQ	8260FA	PR	04/30/04	1	XYLENES

EDFQC: Error Summary Log

05/24/04

Error type	Lablotcti	Anmcode	Parlabel	Qccode	Labqcid
There are no errors in this data files					

EDFCL: Error Summary Log

05/24/04

Error type	Cirevdate	Anmcode	Exmcode	Parlabel	Cicode
There are no errors in this data file	//				

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Your EDF file has been successfully uploaded!

Confirmation Number: 4366184651

Date/Time of Submittal: 5/24/2004 12:17:11 PM

Facility Global ID: T0600100108

Facility Name: ARCO # 00601

Submittal Title: QMR 2 Q 2004 Site 0601

Submittal Type: GW Monitoring Report

Logged in as URSCORP-OAKLAND
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UPLOADING A GEO_WELL FILE

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

Submittal Title: QMR 2 Q 2004 Geo Well File Site
601

Submittal Date/Time: 5/13/2004 4:51:30 PM

Confirmation
Number: 4283329606

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AB2886 Electronic Delivery[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)**UPLOADING A GEO_XY FILE**

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

<u>Submittal Title:</u>	Geo XY Site #601
<u>Submittal Date/Time:</u>	3/12/2004 2:24:35 PM
<u>Confirmation Number:</u>	2394505143

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[CONTACT SITE ADMINISTRATOR.](#)

AB2886 Electronic Delivery[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)**UPLOADING A GEO_Z FILE**

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

<u>Submittal Title:</u>	Geo Z Site #601
<u>Submittal Date/Time:</u>	3/12/2004 2:23:02 PM
<u>Confirmation Number:</u>	4990966618

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ATTACHMENT D
WELL SURVEY DATA SHEETS

Appendix D
BP/ARCO Survey Sheet
Atlantic Richfield Company Service Station #0601
712 Lewelling Blvd

Well ID	X-coord (NAD'83)	Y-coord (NAD'83)	Top of Casing (NAVD'88)	Top of Lid (NAVD'88)	Ground Surface (NAVD'88)	Comments
MW-1	-122.1393502	37.6860744	24.78	25.20	25.20	Sampled on 3/2/2004
MW-2	-122.1393949	37.6863385	23.87	24.11	24.11	Sampled on 3/2/2004
MW-3	-122.1397923	37.6861765	22.63	22.82	22.82	Sampled on 3/2/2004
MW-4	-122.1396290	37.6862398	23.32	23.66	23.66	Sampled on 3/2/2004
MW-5	-122.1394324	37.6863203	23.47	23.89	23.89	Sampled on 3/2/2004
MW-6	-122.1393528	37.6862087	24.66	25.12	25.12	Sampled on 3/2/2004
MW-7	-122.1394058	37.6859213	25.46	25.70	25.70	Sampled on 3/2/2004
MW-8	-122.1396927	37.6860470	23.55	23.83	23.83	Sampled on 3/2/2004
MW-9	-122.1400642	37.6858092	23.64	24.23	24.23	Sampled on 3/2/2004
MW-10	-122.1398313	37.6856237	23.42	23.94	23.94	Sampled on 3/2/2004
MW-11	-122.1392297	37.6862607	24.97	25.21	25.21	Sampled on 3/2/2004
MW-12	-122.1392109	37.6860406	25.32	25.73	25.73	Sampled on 3/2/2004
MW-13	-122.1389119	37.6863933	25.01	25.46	25.46	Sampled on 3/2/2004
MW-14	-122.1392541	37.6857268	25.55	25.87	25.87	Sampled on 3/2/2004
MW-15	-122.1402794	37.6859981	21.72	22.28	22.28	Sampled on 3/2/2004
RW-1	-122.1393781	37.6860656	24.36	24.92	24.92	Sampled on 3/2/2004

GLOBAL_ID	FIELD_PT_NAME	ELEV_SURVEY_DATE	ELEVATION ft	ELEV_METHOD	ELEV_DATUM	ELEV_ACC_VAL	ELEV_SURVEY_ORG	RISER_HT	ELEV_DESC	SITE
	CP10	2/27/2004	24.92	CGPS	88	0.02	URS	0.00	0	BP0601
	CP11	2/27/2004	22.41	CGPS	88	0.02	URS	0.00	0	BP0601
	CP12	2/27/2004	24.37	CGPS	88	0.02	URS	0.00	0	BP0601
	MW8	2/27/2004	23.55	CGPS	88	0.02	URS	-0.28	4"PVC	BP0601
	MW7	2/27/2004	25.46	CGPS	88	0.02	URS	-0.24	4"PVC	BP0601
	MW1	2/27/2004	24.78	CGPS	88	0.02	URS	-0.42	4"PVC	BP0601
	RW1	2/27/2004	24.36	CGPS	88	0.02	URS	-0.56	4"PVC	BP0601
	MW12	2/27/2004	25.32	CGPS	88	0.02	URS	-0.41	4"PVC	BP0601
	MW14	2/27/2004	25.55	CGPS	88	0.02	URS	-0.32	2"PVC	BP0601
	MW6	2/27/2004	24.66	CGPS	88	0.02	URS	-0.46	4"PVC	BP0601
	MW11	2/27/2004	24.97	CGPS	88	0.02	URS	-0.24	4"PVC	BP0601
	MW2	2/27/2004	23.87	CGPS	88	0.02	URS	-0.24	4"PVC	BP0601
	MW5	2/27/2004	23.47	CGPS	88	0.02	URS	-0.42	4"PVC	BP0601
	MW4	2/27/2004	23.32	CGPS	88	0.02	URS	-0.34	4"PVC	BP0601
	MW13	2/27/2004	25.01	CGPS	88	0.02	URS	-0.45	2"PVC	BP0601
	MW3	2/27/2004	22.63	CGPS	88	0.02	URS	-0.19	4"PVC	BP0601
	MW15	2/27/2004	21.72	CGPS	88	0.02	URS	-0.56	2"PVC	BP0601
	MW9	2/27/2004	23.64	CGPS	88	0.02	URS	-0.59	2"PVC	BP0601
	MW10	2/27/2004	23.42	CGPS	88	0.02	URS	-0.52	2"PVC	BP0601

GLOBAL_ID	FIELD_PT_NAME	FIELD_PT_CLASS	XY_SURVEY_DATE	LATITUDE	LONGITUDE	XY_METHOD	XY_DATUM	XY_ACC_VAL	XY_SURVEY_ORG	GPS_EQUIP_TYPE	XY_SURVEY_DESC	SITE
	CP10		2/27/2004	37.6863475	-122.1392650	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	CP11		2/27/2004	37.6863033	-122.1401815	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	CP12		2/27/2004	37.6857485	-122.1399894	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW8		2/27/2004	37.6860470	-122.1396927	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW7		2/27/2004	37.6859213	-122.1394058	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW1		2/27/2004	37.6860744	-122.1393502	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	RW1		2/27/2004	37.6860656	-122.1393781	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW12		2/27/2004	37.6860406	-122.1392109	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW14		2/27/2004	37.6857268	-122.1392541	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW6		2/27/2004	37.6862087	-122.1393528	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW11		2/27/2004	37.6862607	-122.1392297	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW2		2/27/2004	37.6863385	-122.1393949	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW5		2/27/2004	37.6863203	-122.1394324	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW4		2/27/2004	37.6862398	-122.1396290	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW13		2/27/2004	37.6863933	-122.1389119	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW3		2/27/2004	37.6861765	-122.1397923	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW15		2/27/2004	37.6859981	-122.1402794	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW9		2/27/2004	37.6858092	-122.1400642	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601
	MW10		2/27/2004	37.6856237	-122.1398313	CGPS	NAD83	0.02	URS	T48	0.0000000	BP0601

Number	Latitude dec.	Longitude dec.	shot elevation-ft	Raw desc	Feature	Desc	diff. To casing	casing elev -ft	casing type
10	37.6863475	-122.139265	24.915	CP10	CUT +			24.915	
11	37.6863033	-122.1401815	22.408	CP11	CUT +			22.408	
12	37.6857485	-122.1399894	24.373	CP12	PK			24.373	
101	37.686047	-122.1396927	23.827	MW8	LID/PAVING		-0.280	23.547	4"PVC
102	37.6859213	-122.1394058	25.702	MW7	LID/PAVING		-0.240	25.462	4"PVC
103	37.6860744	-122.1393502	25.197	MW1	LID/PAVING		-0.420	24.777	4"PVC
104	37.6860656	-122.1393781	24.924	RW1	LID/PAVING		-0.560	24.364	4"PVC
105	37.6860406	-122.1392109	25.731	MW12	LID/PAVING		-0.410	25.321	4"PVC
106	37.6857268	-122.1392541	25.873	MW14	LID/PAVING		-0.320	25.553	2"PVC
107	37.6862087	-122.1393528	25.12	MW6	LID/CONC		-0.460	24.660	4"PVC
108	37.6862607	-122.1392297	25.206	MW11	LID/PAVING		-0.240	24.966	4"PVC
109	37.6863385	-122.1393949	24.114	MW2	LID/PAVING		-0.240	23.874	4"PVC
110	37.6863203	-122.1394324	23.892	MW5	LID/PAVING		-0.420	23.472	4"PVC
111	37.6862398	-122.139629	23.659	MW4	LID/CONC		-0.340	23.319	4"PVC
112	37.6863933	-122.1389119	25.459	MW13	LID/CONC		-0.450	25.009	2"PVC
142	37.6861765	-122.1397923	22.817	MW3	LID/PAVING		-0.190	22.627	4"PVC
143	37.6859981	-122.1402794	22.278	MW15	LID/CONC		-0.560	21.718	2"PVC
145	37.6858092	-122.1400642	24.229	MW9	LID/PAVING		-0.590	23.639	2"PVC
146	37.6856237	-122.1398313	23.94	MW10	LID/PAVING		-0.520	23.420	2"PVC