

February 15, 2004

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

**Re: First Quarter 2004 Groundwater Monitoring Report
ARCO Service Station #0601
712 Lewelling Boulevard
San Leandro, California
URS Project #38486706**

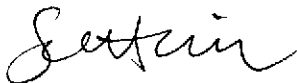
Dear Ms. chu:

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

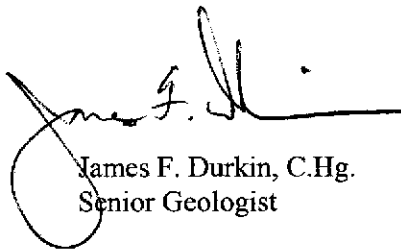
If you have any questions regarding this submission, please call (510) 874-3280.

Sincerely,

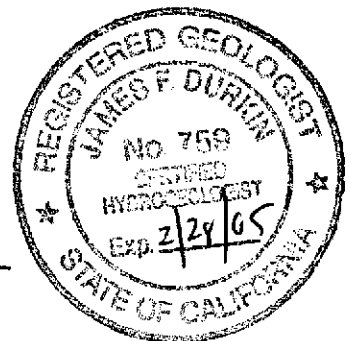
URS CORPORATION



Scott Robinson
Project Manager



James F. Durkin, C.Hg.
Senior Geologist



Enclosure: First Quarter 2004 Groundwater Monitoring Report
cc: Mr. Paul Supple, ARCO, (electronic copy uploaded to ENFOS)
Mr. Mike Bakaldin, City of San Leandro, Environmental Services Division, 835 East
14th Street, San Leandro, CA 94577



Atlantic Richfield Company
(a BP affiliated company)



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

February 15, 2004

RE: First Quarter 2004 Groundwater Monitoring Report
ARCO Service Station #601
712 Lewelling Boulevard
San Leandro, California
URS Project #38486706

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

Submitted by:

Paul Supple
Environmental Business Manager

R E P O R T

FIRST QUARTER 2004 GROUNDWATER MONITORING

**ARCO SERVICE STATION #0601
712 LEWELLING BOULEVARD
SAN LEANDRO, CALIFORNIA**

Prepared for
Atlantic Richfield Company

February 15, 2004

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

38486706

Date: February 15, 2003

Quarter: 1Q 04

ATLANTIC RICHFIELD COMPANY QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.: 0601 Address: 712 Lewelling Boulevard, San Leandro, CA
ARCO 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 (First – 2004):

1. Performed first quarter 2004 groundwater monitoring event on January 12, 2004.
2. Prepared and submitted first quarter 2004 groundwater monitoring report.

WORK PROPOSED FOR NEXT QUARTER (Second – 2004):

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

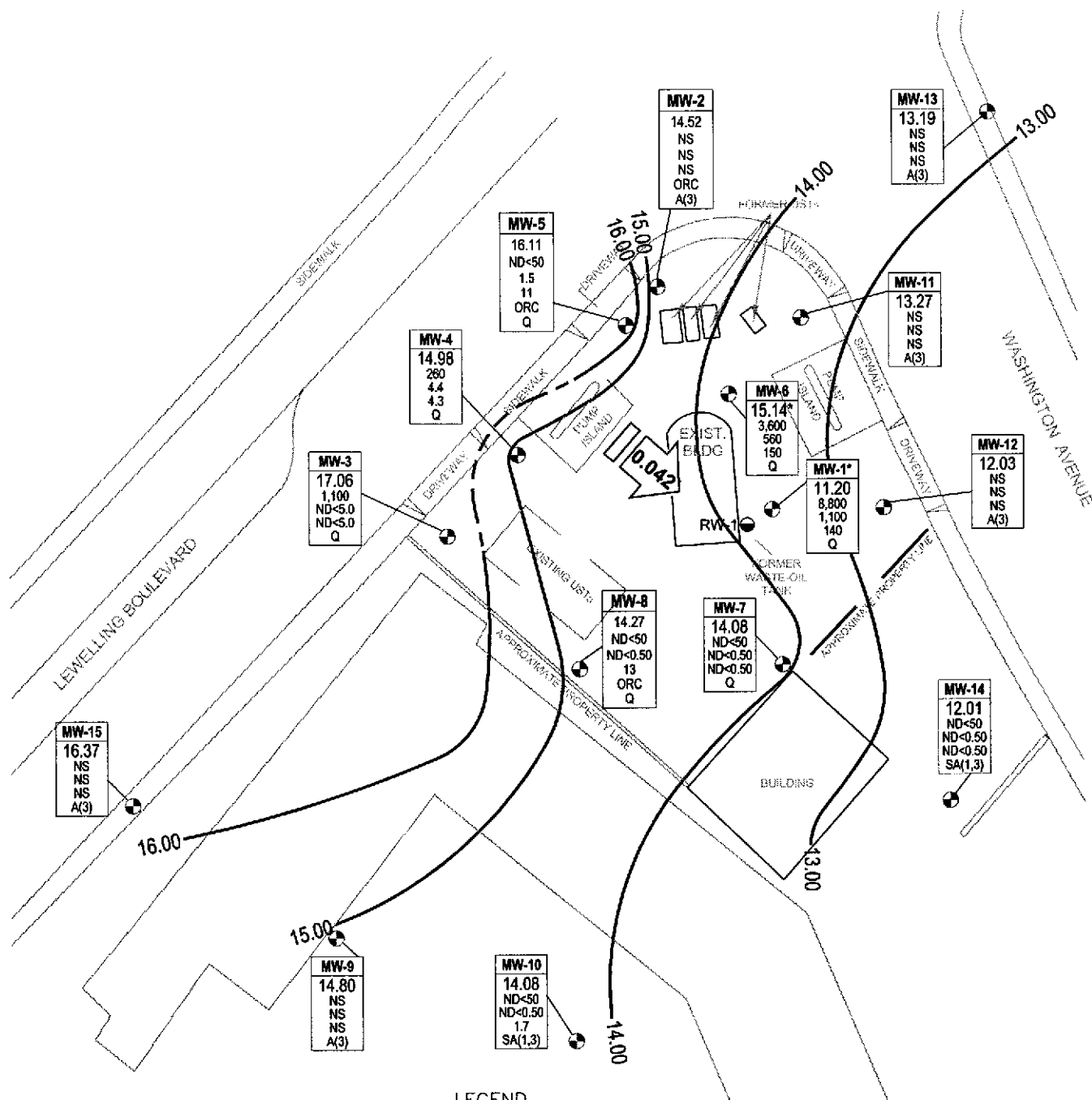
Current Phase of Project:	<u>GW monitoring/sampling</u>
Frequency of Groundwater Sampling:	<u>Annual (3rd Quarter): MW-2, MW-9, MW-11, MW-12, MW-13 and MW-15</u> <u>Semi-Annual (1st/3rd Quarter) MW-10 and MW-14</u> <u>Quarterly: MW-1, MW-3 through MW-8</u>
Frequency of Groundwater Monitoring:	<u>Quarterly</u>
Is Free Product (FP) Present On-Site:	<u>No</u>
Cumulative FP Recovered to Date:	<u>3.45 gallons, Well MW-1</u>
Bulk Soil Removed to Date:	<u>1,565 cubic yards of TPH impacted soil</u>
Current Remediation Techniques:	<u>Natural Attenuation / ORC: MW-2, MW-3, MW-5, and MW-8</u>
Approximate Depth to Groundwater:	<u>5.71 (MW-15) to 8.89 (MW-14) feet</u>
Groundwater Gradient (direction):	<u>East-Southeast</u>
Groundwater Gradient (magnitude):	<u>0.042 feet per foot</u>

DISCUSSION:

Please note that 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. GRO was detected above laboratory reporting limits in four of the nine wells sampled at concentrations ranging from 260 micrograms per liter ($\mu\text{g/L}$) (MW-4) to 8,800 $\mu\text{g/L}$ (MW-1). Benzene was detected above laboratory reporting limits in four wells at concentrations ranging from 1.5 $\mu\text{g/L}$ (MW-5) to 1,100 $\mu\text{g/L}$ (MW-1). MTBE was detected above laboratory reporting limits in six wells at concentrations ranging from 1.7 $\mu\text{g/L}$ (MW-10) to 150 $\mu\text{g/L}$ (MW-6). 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 62 $\mu\text{g/L}$, 330 $\mu\text{g/L}$ and 1,000 $\mu\text{g/L}$, respectively.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – January 12, 2004
- Figure 2 – TPH-g Isoconcentration Map – January 12, 2004
- Figure 3 – Benzene Isoconcentration Map – January 12, 2004
- Figure 4 – MTBE Isoconcentration Map – January 12, 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 Analytical 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



LEGEND

- | | | | |
|---------------|---|---------|---|
| | GROUNDWATER MONITORING WELL | ORC | OXYGEN RELEASING COMPOUND SOCK IN WELL |
| | SOIL VAPOR EXTRACTION WELL | A(3) | SAMPLED ANNUALLY DURING 3RD QUARTER |
| 13.00 — | GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MSL) | SA(1,3) | SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS |
| | APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT) | Q | SAMPLED QUARTERLY |
| Well | WELL DESIGNATION | | |
| ELEV | GROUNDWATER ELEVATION (FEET ABOVE MSL) | | |
| GRO | GRO, BENZENE & MTBE CONCENTRATIONS (µg/L) | | |
| MTBE | | | |
| A or Q | SAMPLING FREQUENCY | | |
| * | DATA NOT USED FOR CONTOURING | | |
| ND< | NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS | | |
| NS | NOT SAMPLED | | |



"Please note that beginning in the Fourth Quarter 2003, the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline (TPHg) has been changed to Gasoline Range Organics (GRO). The resulting data may be impacted by the potential inclusion of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported."

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

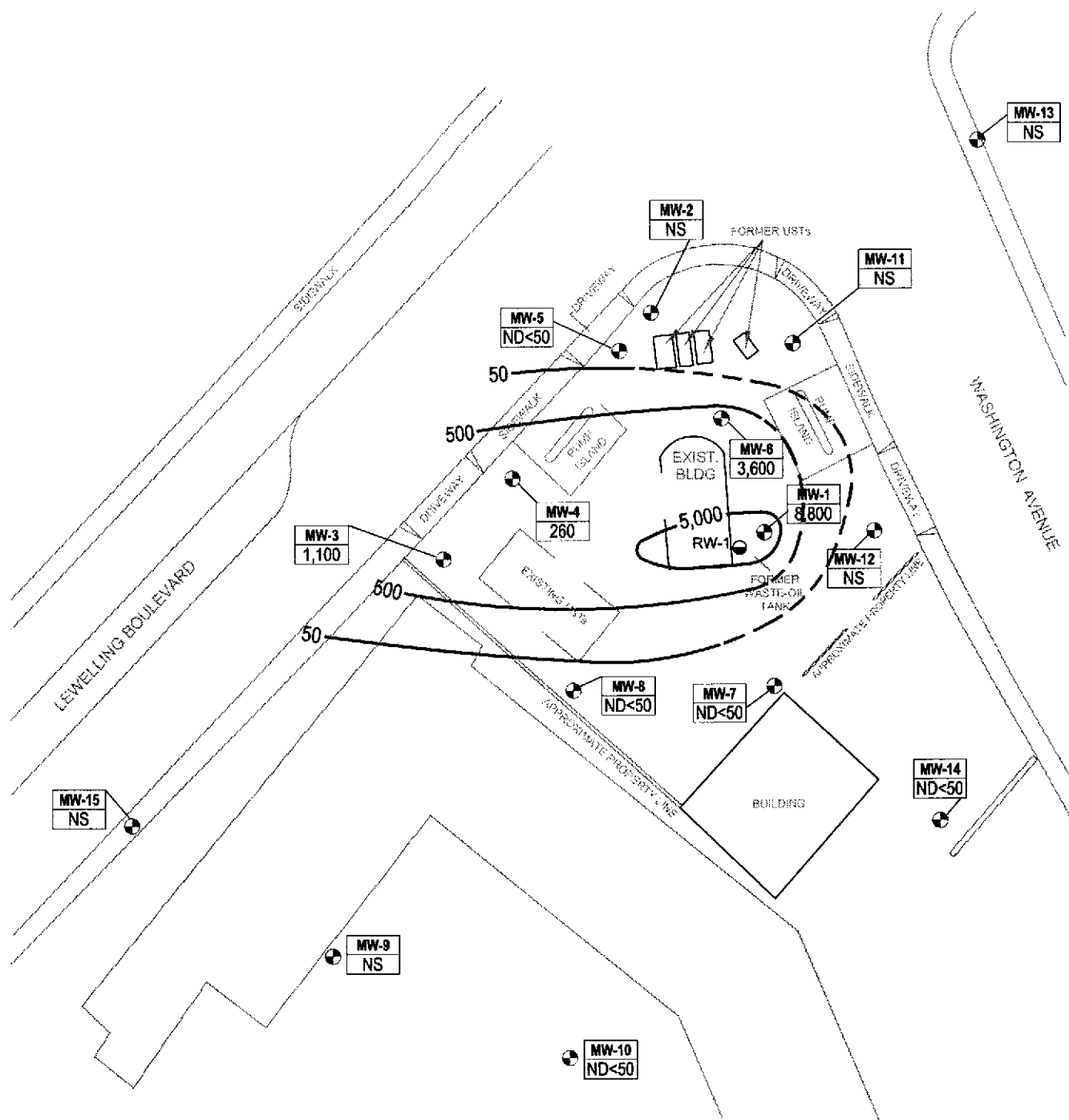
URS

Project No. 38486706
Arco Service Station 0601
712 Lewelling Boulevard
San Leandro, California

**GROUNDWATER ELEVATION CONTOUR
AND ANALYTICAL SUMMARY MAP**
First Quarter 2004 (January 12, 2004)

FIGURE

1



LEGEND

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

Please note that beginning in the Fourth Quarter 2003, the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline (TPHg) has been changed to Gasoline Range Organics (GRO). The resulting data may be impacted by the potential inclusion of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported.

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

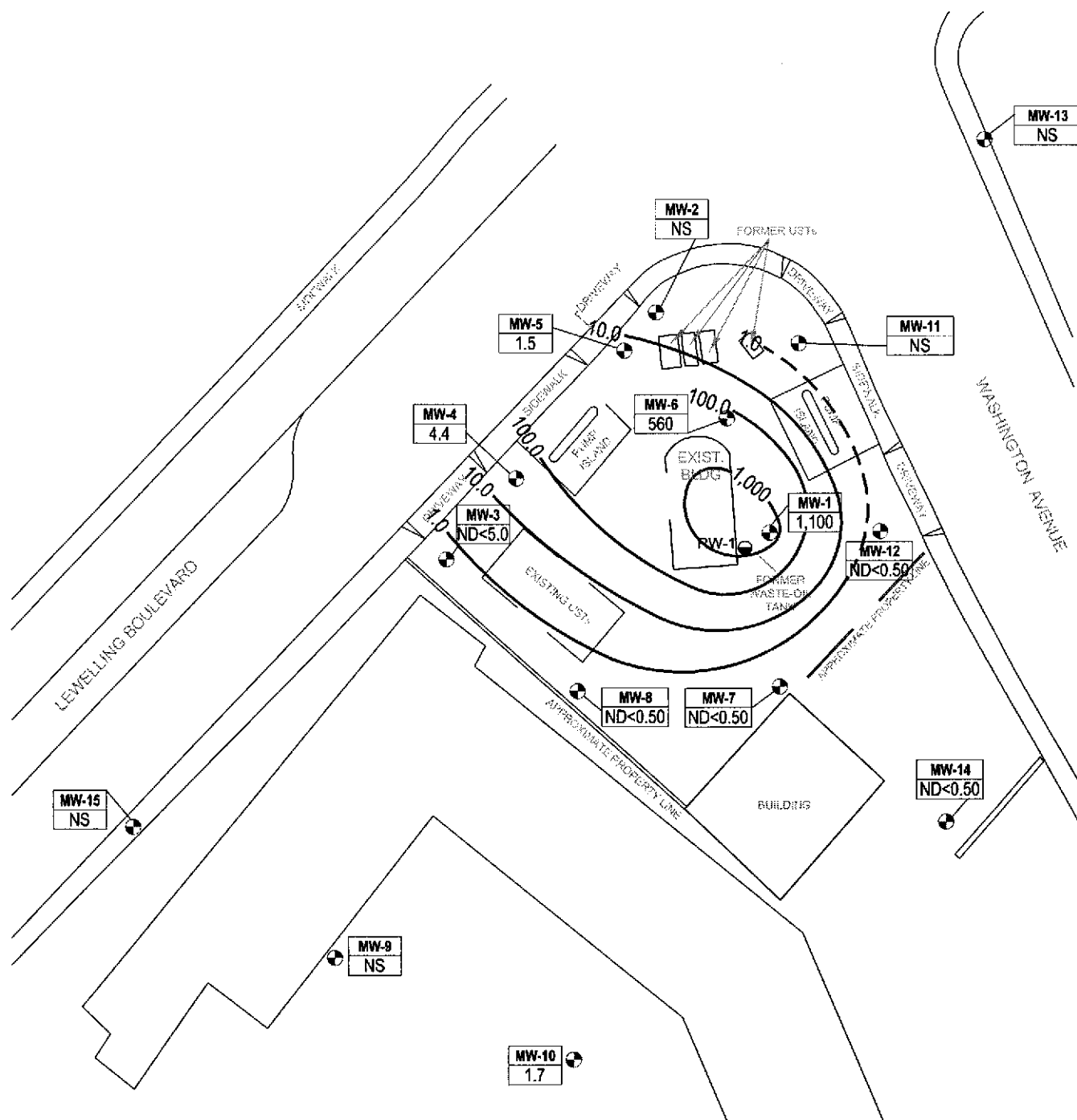
URS

Project No. 38486706
Arco Service Station 0601
712 Lewelling Boulevard
San Leandro, California

TPH-g ISOCONCENTRATION MAP
First Quarter 2004 (January 12, 2004)

FIGURE

2

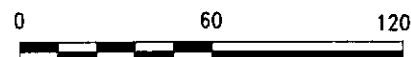


LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 10.0 — 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

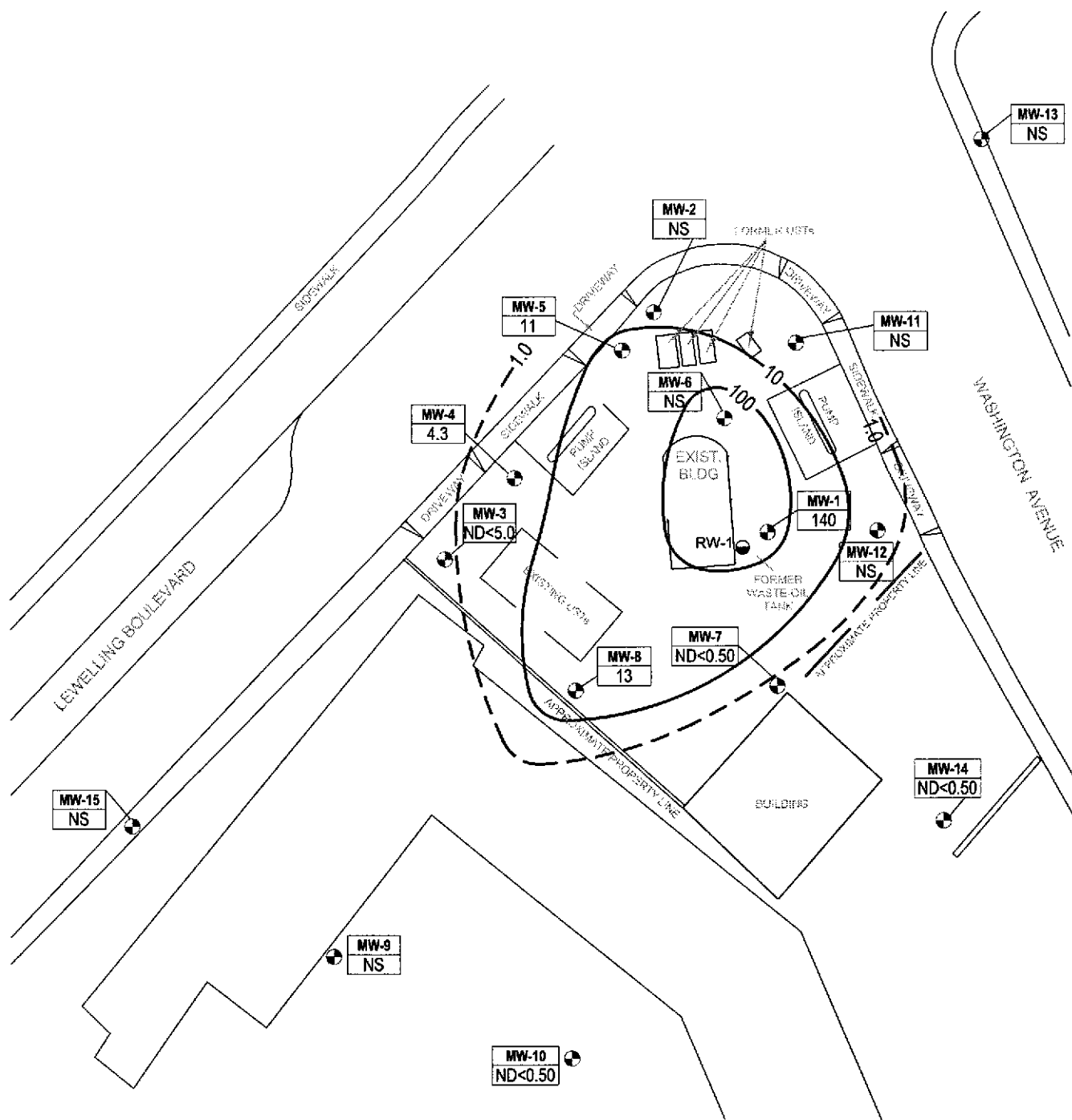
Project No. 38486706
Arco Service Station 0601
712 Levee Boulevard
San Leandro, California

BENZENE ISOCONCENTRATION MAP
First Quarter 2004 (January 12, 2004)

FIGURE

3

X:\envi_west\BPP_GEMS\Site\Paul_Sunale\0601\Monitor\01\Chr_1_2004\Drawings\MTBE_1-12.dwg, 02/11/2004 04:50:57 PM, JKMT, URS

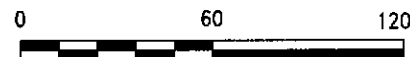


LEGEND

-  GROUNDWATER MONITORING WELL
-  SOIL VAPOR EXTRACTION WELL
-  10 — MTBE ISOCONCENTRATION CONTOUR ($\mu\text{g/L}$)
-  Well — WELL DESIGNATION
-  MTBE — 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
Arco Service Station 0601
712 Lewelling Boulevard
San Leandro, California

MTBE ISOCONCENTRATION MAP
First Quarter 2004 (January 12, 2004)

FIGURE

4

Table 1
Groundwater Elevation and Analytical Data

ARCO 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

ARCO 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	1/12/2004 ^(v)	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-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
MW-2	06/01/95						6.56	14.77	13,000	400	78	210	410	NA	NA	NA	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO 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	08/31/95		21.12				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						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 ^(B)	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	10/23/2003 ^(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	1/12/2004 ^(m,r)						6.60	14.52	NS	NS	NS	NS	NS	NS	NS	NS	NS
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								

Table 1
Groundwater Elevation and Analytical Data

ARCO 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	01/09/91		20.11				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						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
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

Table 1
Groundwater Elevation and Analytical Data

ARCO 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	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 ^(d)	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	8/7/2003 ^(m)	P					6.89	16.10	35,000	360	250	1,700	8,100	ND<100	NA	2.4	8.9
MW-3	10/23/2003 ^(m)	P					7.05	15.94	36,000	340	250	1,700	8,300	ND<25	NA	1	7.2
MW-3	1/12/2004 ^(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-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
MW-4	05/20/96						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

Table 1
Groundwater Elevation and Analytical Data

ARCO 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	03/24/97		22.38				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 ^(a)	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	8/7/2003 ^(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	1/12/2004 ^(r)	NP					7.40	14.98	260	4.4	ND<2.5	ND<2.5	27	4.3	NA	2.4	7.3
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
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								

Table 1
Groundwater Elevation and Analytical Data

ARCO 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	08/17/93		22.45				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						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
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

Table 1
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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	01/23/03 ⁽⁸⁾	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	8/7/2003 ^(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	10/23/2003 ^(m)	NP					7.68	14.77	76	14.0	ND<0.50	1	1	12	NA	11.8	7.9
MW-5	1/12/2004 ^(m,x)	NP					6.34	16.11	ND<50	1.5	0.68	ND<0.50	0.62	11	NA	6.8	8.8
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
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

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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-6	08/23/99		22.77				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						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 ⁽⁸⁾	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 ^(8,h)						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	1/12/2004 ^(r)	NP					7.63	15.14	3,600	560	ND<25	120	ND<25	150	NA	0.6	7.1
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
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

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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	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 ⁽⁸⁾	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
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	1/12/2004 ⁽⁹⁾	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-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

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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 ^(o)						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
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

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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-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 ⁽⁸⁾	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	8/7/2003 ^(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	10/23/2003 ^(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	1/12/2004 ^(m,r)	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-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
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

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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 ^(a)						7.46	14.80	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
MW-10	02/22/96						5.41	15.71	ND<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<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<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<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<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<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA

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MW-10	04/23/98						6.28	15.05	ND<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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	1/12/2004 ^(r)	NP					7.25	14.08	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.7	NA	8.2	7.5
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

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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
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

Table 1
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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	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 ⁽⁸⁾	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
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<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-12	11/16/92		22.77	7.5	NA	11.0	9.65	13.12	ND<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	NA	3.34	NA

Table 1
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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-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-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
MW-13	11/19/97						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	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 ⁽⁶⁾	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-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
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

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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-14	08/31/95		20.90				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						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 ⁽⁸⁾	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	1/12/2004 ⁽⁹⁾	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-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

Table 1
Groundwater Elevation and Analytical Data

ARCO 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	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	NA
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

Table 1
Groundwater Elevation and Analytical Data

ARCO 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	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

Table 1
Groundwater Elevation and Analytical Data

ARCO 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 $GWE = (TOC - DTW) + (FPT \times 0.8)$
j	= Sample contains a higher boiling point hydrocarbon mixture quantitated as gasoline. The chromatogram did not match the typical gasoline fingerprint.
k	= 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-ethylexyl)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.
*	= 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

ARCO 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

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 Group Environmental 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

ARCO 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
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
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
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
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
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
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

ARCO 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

ARCO 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

ARCO 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
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

ARCO 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)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	2-Methylnaphthalene (µg/L)	Bis (2-ethylhexyl) Phthalate (µg/L)	2,4-Dimethylphenol (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 Group Environmental Management 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 # 040112-JP1

Date 1/12/04

Client ARCO 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 TOC	
MW-1	4	odor				7.99	11.05	TOC	2 NP Ambers NP@ 7'
* MW-2	4					6.60	12.20		GO NP@ 7'
* MW-3	4					5.93	11.85		NP@ 8'
MW-4	4					7.40	8.43		NP
* MW-5	4					6.34	10.04		NP
MW-6	4					7.63	8.57		NP
MW-7	4					8.81	9.58		NP
* MW-8	4					6.62	10.11		NP
MW-9	2					7.46	15.88		GO NP
MW-10	2					7.25	18.67		NP
MW-11	4					7.70	11.80		GO
MW-12	4					8.08	11.54		GO
MW-13	2					7.56	12.92		GO
MW-14	2					8.89	12.95		NP@ 7.5'
MW-15	2					5.71	10.03	▼	GO
* - Gauged w/ ORC's in well									

ARCO / BP WELL MONITORING DATA SHEET

TS #: <u>040112-JP1</u>	Station # <u>ARCO 601</u>
ampler: <u>M. Pynch</u>	Date: <u>1/12/04</u>
Well I.D.: <u>MW-1</u>	Well Diameter: 2 3 <u>4</u> 6 8
otal Well Depth: <u>11.05</u>	Depth to Water: <u>7.99</u>
epth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI <u>HACH</u>

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: <u>Bailer</u> <u>Disposable Bailer</u> <u>Positive Air Displacement</u> <u>Electric Submersible</u> <u>Extraction Pump</u> Other: _____	Sampling Method: <u>Bailer</u> <u>Disposable Bailer</u> <u>Extraction Port</u> 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.

1.9	x	3	=	5.7	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
239	65.9	7.3	<u>JP-44-502</u>	2.0	clear, odor
240	67.3	7.2	1486	4.0	"
241	68.1	7.2	1497	6.0	"

Is well dewater? Yes <u>No</u>	Gallons actually evacuated: <u>6</u>
Sampling Time: <u>1245</u>	Sampling Date: <u>1/12/04</u>
Sample I.D.: <u>MW-1</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: TPH-G BTEX MTBE TPH-D Other <u>Refer to COC</u>	
O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>0.2</u> mg/L
R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

WTS #: <u>040112-JP1</u>	Station # <u>ARCO 601</u>
Sampler: <u>M. Pyrch</u>	Date: <u>1/12/04</u>
Well I.D.: <u>MW-3</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>11.85</u>	Depth to Water: <u>5.93</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI <u>HACH</u>

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: <u>Bailer</u> <u>Disposable Bailer</u> <u>Positive Air Displacement</u> <u>Electric Submersible</u> <u>Extraction Pump</u> Other: _____	Sampling Method: <u>Bailer</u> <u>Disposable Bailer</u> <u>Extraction Port</u> 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 <u>uS</u>)	Gals. Removed	Observations
<u>1154</u>	<u>61.6</u>	<u>9.5</u>	<u>1011</u>	—	<u>slightly cloudy</u>

Did well dewater? Yes <u>No</u>	Gallons actually evacuated: —
Sampling Time: <u>1155</u>	Sampling Date: <u>1/12/04</u>
Sample I.D.: <u>MW-3</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: TPH-G BTEX MTBE TPH-D Other <u>Refer to COC</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>3.2</u> mg/L
R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

TS #: 040112-JP1	Station # ARCO 601
Sampler: M. Prych	Date: 1/12/04
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 8.43	Depth to Water: 7.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (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

Large 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	NO Purge	=	_____ Gals.
		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1126	62.8	7.3	1349	-	Clear

Did well dewater? Yes (No)	Gallons actually evacuated: -
Sampling Time: 1130	Sampling Date: 1/12/04
Sample I.D.: MW-4	Laboratory: Pace (Sequoia) Other _____
Analyzed for: TPH-G BTEX MTBE TPH-D Other (Refer to COC)	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: (2.4) mg/L
D.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

TS #: <u>040112-JP1</u>	Station # <u>ARCO 601</u>
Sampler: <u>M. Prych</u>	Date: <u>1/12/04</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>10.04</u>	Depth to Water: <u>6.34</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI <u>HACH</u>

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: <u>Bailer</u> Disposable Bailer Positive Air Displacement Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> <u>Disposable Bailer</u> 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> Specified Volumes	=	_____ Gals. Calculated Volume
--------------------------------	---	--------------------------------------	---	----------------------------------

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
<u>1213</u>	<u>62.5</u>	<u>8.8</u>	<u>1451</u>	—	<u>clear</u>

Did well dewater? Yes <u>(No)</u>	Gallons actually evacuated: —
Sampling Time: <u>1215</u>	Sampling Date: <u>1/12/04</u>
Sample I.D.: <u>MW-5</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: TPH-G BTEX MTBE TPH-D Other <u>Refer to COC</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>6.8</u> mg/L
R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

TS #: <u>040112-JP1</u>	Station # <u>ARCO 601</u>
Sampler: <u>M. Prych</u>	Date: <u>1/12/04</u>
Well I.D.: <u>MW-6</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>8.57</u>	Depth to Water: <u>7.63</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI <u>HACH</u>

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 ☒ <u>Disposable Bailer</u> ☐ 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 <u>µS</u>)	Gals. Removed	Observations
<u>038</u>	<u>64.0</u>	<u>7.1</u>	<u>1614</u>	—	<u>Clear</u>

Did well dewater? Yes ☐ <u>No</u>	Gallons actually evacuated: <u>—</u>
Sampling Time: <u>1040</u>	Sampling Date: <u>1/12/04</u>
Sample I.D.: <u>MW-6</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: TPH-G BTEX MTBE TPH-D Other <u>Refer to COC</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L <u>Post-purge:</u> <u>0.6</u> mg/L
R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

TS #: <u>040112-JP1</u>	Station # <u>ARCO 601</u>
Sampler: <u>M. Prych</u>	Date: <u>1/12/04</u>
Well I.D.: <u>MW-7</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>9.58</u>	Depth to Water: <u>8.81</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): YSI <u>(HACH)</u>

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 <u>µS</u>)	Gals. Removed	Observations
<u>0938</u>	<u>63.2</u>	<u>7.3</u>	<u>1484</u>	-	<u>slightly cloudy</u>

Did well dewater? Yes <u>(No)</u>	Gallons actually evacuated: <u>-</u>
Sampling Time: <u>0940</u>	Sampling Date: <u>1/12/04</u>
Sample I.D.: <u>MW-7</u>	Laboratory: Pace <u>(Sequoia)</u> Other _____
Analyzed for: TPH-G BTEX MTBE TPH-D Other <u>(Refer to COC)</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>5.8, 5.8</u> mg/L
R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

TS #: 040112-JP1	Station # ARCO 601
Sampler: M. Prych	Date: 1/12/04
Well I.D.: MW-8	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 10.11	Depth to Water: 6.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI <u>HACH</u>

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: <u>Bailer</u> Disposable Bailer Positive Air Displacement Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> <u>Disposable Bailer</u> 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 <u>µS</u>)	Gals. Removed	Observations
103	62.5	9.0	1085	—	Clear

Did well dewater? Yes <u>No</u>	Gallons actually evacuated: —		
Sampling Time: 1105	Sampling Date: 1/12/04		
Sample I.D.: MW-8	Laboratory: Pace <u>Sequoia</u> Other _____		
Analyzed for: TPH-G BTEX MTBE TPH-D Other <u>Refer to COC</u>			
D.O. (if req'd):	<table style="width: 100%;"> <tr> <td style="width: 50%;">Pre-purge: _____ mg/L</td> <td style="width: 50%;">Post-purge: <u>11.2</u> mg/L</td> </tr> </table>	Pre-purge: _____ mg/L	Post-purge: <u>11.2</u> mg/L
Pre-purge: _____ mg/L	Post-purge: <u>11.2</u> mg/L		
R.P. (if req'd):	<table style="width: 100%;"> <tr> <td style="width: 50%;">Pre-purge: _____ mV</td> <td style="width: 50%;">Post-purge: _____ mV</td> </tr> </table>	Pre-purge: _____ mV	Post-purge: _____ mV
Pre-purge: _____ mV	Post-purge: _____ mV		

ARCO / BP WELL MONITORING DATA SHEET

TS #: 040112-JP1	Station # ARCO 601
amplifier: M. Pyrch	Date: 1/12/04
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8
Total Well Depth: 18.67	Depth to Water: 7.25
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (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: <u>Bailer</u> Disposable Bailer Positive Air Displacement Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> 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 μ S)	Gals. Removed	Observations
006	63.8	7.5	1162	-	cloudy, light brown/tan

Did well dewater? Yes <u>(No)</u>	Gallons actually evacuated: _____
Sampling Time: 1010	Sampling Date: 1/12/04
Sample I.D.: MW-10	Laboratory: Pace <u>(Sequoia)</u> Other _____
Analyzed for: TPH-G BTEX MTBE TPH-D Other <u>(Refer to COC)</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>8.2</u> mg/L
R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

TS #: <u>040112-JP1</u>	Station # <u>ARCO 601</u>
Sampler: <u>M. Pynch</u>	Date: <u>1/12/04</u>
Well I.D.: <u>MW-14</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>12.95</u>	Depth to Water: <u>8.89</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI <u>HACH</u>

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

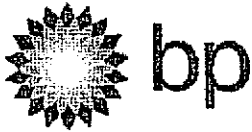
Large Method: <u>Bailer</u> <u>Disposable Bailer</u> Positive Air Displacement Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> <u>Disposable Bailer</u> Extraction Port Other: _____
---	---

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.

$\frac{0.6}{1 \text{ Case Volume (Gals.)}}$	X	$\frac{3}{\text{Specified Volumes}}$	=	$\frac{1.8 \text{ Gals.}}{\text{Calculated Volume}}$
---	---	--------------------------------------	---	--

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
3:14	66.1	7.3	1530	0.5	clear
3:16	68.8	7.1	1532	1.5	slightly cloudy
3:18	66.4	7.2	1533	2	cloudy, tan

Did well dewater? Yes <u>No</u>	Gallons actually evacuated: <u>2</u>
Sampling Time: <u>1320</u>	Sampling Date: <u>1/12/04</u>
Sample I.D.: <u>MW-14</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: TPH-G BTEX MTBE TPH-D Other <u>Refer to COC</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>2.0</u> mg/L
R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV



Chain of Custody Record

Project Name 601 GWM

BP BU/GEM CO Portfolio Retail

BP Laboratory Contract Number: Atlantic Richfield Company

Date: 1/12/64

Requested Due Date (mm/dd/yy) 14 day TAT

On-site Time: <u>6745</u>	Temp: <u>59°</u>
Off-site Time: <u>1415</u>	Temp: <u>65°</u>
Sky Conditions: <u>clear</u>	
Meteorological Events: <u>-</u>	
Wind Speed: <u>-</u>	Direction: <u>-</u>

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>500 12th St, Ste. 200</u>
Lab Address: <u>885 Jarvis Dr.</u>	Site ID No. <u>ARCO 601</u>	<u>Oakland, CA 94609-4014</u>
<u>Morgan Hill, CA 95037</u>	Site Lat/Long:	e-mail EDD: <u>donna.casper@URSCorp.com</u>
	California Global ID #: <u>T0800100108</u>	Consultant/Contractor Project No.: <u>J5-00000601.01 00427</u>
Lab PM Theresa Allen	BP/GEM PM Contact: <u>PAUL SUPPLE</u>	Consultant Tele/Fax: <u>510-893-3600/510-874-3268</u>
Tele/Fax: <u>408-776-9600 / 408-782-6308</u>	Address: <u>P.O. Box 6549</u>	Consultant/Contractor PM: <u>Scott Robinson</u>
Report Type & QC Level: <u>1 Send EDF Reports</u>	<u>Moraga, CA 94570</u>	Invoice to: Consultant/Contractor or <u>BP/GEM</u> (Circle one)
BP/GEM Account 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	Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl		TPH-G / BTEX C8015/8021/8260	TPH -D (8015)	MTBE (8021)	MTBE, TAME, ETBE DIPE, TBA (8260)	1,2-DCA & EDB (8260)	Exhanol (8260)	SVOC's (8270)				
1	MW-9																					JP		
2	MW-10	1010		X						3		X				X	X	X						
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								

Sampler's Name: <u>Matthew Pyrch</u>	Relinquished By / Affiliation: <u>[Signature]</u>	Date:	Time:	Accepted By / Affiliation:	Date:	Time:
Sampler's Company: <u>Bain Tech Services</u>						
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

Special Instructions: Address Invoice to BP/GEM but send to URS for approval

Custody Seals In Place Yes ☒ No	Temperature Blank Yes ☒ No	Cooler Temperature on Receipt <u>°F/C</u>	Trip Blank Yes ☒ No
---	--	---	---



Chain of Custody Record

Project Name 607 GWM

BP BU/GEM CO Portfolio Retail

BP Laboratory Contract Number: Atlantic Richfield Company

Requested Due Date (mm/dd/yy) 14 day TAT

Date: 1/12/04

On-site Time: <u>0745</u>	Temp: <u>59°</u>
Off-site Time: <u>1415</u>	Temp: <u>65°</u>
Sky Conditions: <u>clear</u>	
Meteorological Events: <u>-</u>	
Wind Speed: <u>-</u>	Direction: <u>-</u>

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>500 12th St., Ste. 200</u>
Lab Address: <u>885 Jarvis Dr.</u>	Site ID No. <u>ARCO 601</u>	<u>Oakland, CA 94609-4014</u>
<u>Morgan Hill, CA 95037</u>	Site Lat/Long:	e-mail EDD: <u>donna.casper@URSCorp.com</u>
	California Global ID #: <u>T0600100108</u>	Consultant/Contractor Project No.: <u>J5-00000601.01 00427</u>
Lab PM <u>Theresa Allen</u>	BP/GEM PM Contact: <u>PAUL SUPPLE</u>	Consultant Tele/Fax: <u>510-893-3600/510-874-3268</u>
Tele/Fax: <u>408-776-9600 / 408-782-6308</u>	Address: <u>P.O. Box 6549</u>	Consultant/Contractor PM: <u>Scott Robinson</u>
Report Type & QC Level: <u>I Send EDF Reports</u>	<u>Moraga, CA 94570</u>	Invoice to: Consultant/Contractor of <u>BP/GEM</u> (Circle one)
BP/GEM Account 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	Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	TPH-G / BTEX (8015/8021/8260)	TPH -D (8015)	MTBE (8021)	MTBE (8260)	MTBE, TAME, ETBE DIPE, TBA (8260)	1,2-DCA & EDB (8260)	Ethanol (8260)	SVOC's (8270)	
1	MW-1	1245		X				5	2			3	X			X	X	X	X		
2	MW-3	1155		X				3				X	X			X	X	X	X		
3	MW-4	1130		X				3				X	X			X	X	X			
4	MW-5	1215		X				3				X	X			X	X	X			
5	MW-6	1040		X				3				X	X			X	X	X		9	
6	MW-7	0940		X				3				X	X			X	X	X			
7	MW-8	1105		X				3				X	X			X	X	X			
8	MW-14	1320		X				3				X	X			X	X	X			
9	TB-01-12-2004	0945		X				2													On Hold
10																					

Sampler's Name: <u>Matthew Pyrch</u>	Relinquished By / Affiliation: <u>Matthew Pyrch</u>	Date:	Time:	Accepted By / Affiliation:	Date:	Time:
Sampler's Company: <u>Blaine Tech Sensors</u>						
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						
Special Instructions: <u>Address Invoice to BP/GEM but send to URS for approval</u>						

Custody Seals In Place Yes ☒ No ☐ Temperature Blank Yes ☒ No ☐ Cooler Temperature on Receipt °F/C Trip Blank Yes ☒ No ☐

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 BLAINE 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 #

time date

040112-2P1

1345

1/12/04

signature

Matthew Ryan

REC'D AT

time date

unloaded by
signature



WELLHEAD INSPECTION CHECKLIST BP / GEM

Page 1 of 1

Date 1/12/04

Site Address 712 Jewelling Blvd, San Leandro

Job Number 040112-SPI Technician M. Pyroh

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1		X					A	
MW-2							A	
MW-3							A	
MW-4	X							
MW-5	X							
MW-6	X							
MW-7							A	
MW-8	X							
MW-9	X							
MW-10		X						
MW-11							A	
MW-12		X					A	
MW-13	X							
MW-14	X							
MW-15	X							

NOTES: A) Repair order Submitted

SITE DEPARTURE CHECKLIST

Client ARCO Lodi Date 1/12/04

Address 712 Lewelling Blvd, San Leandro

Number 040112-SP1 Technician M. Pryor

Wells, Locks and Wellbox Bolts Secured at all Accessed Wells
(except as noted on Wellhead Repair Order)



Equipment(s) Labeled and Secured



N/A

Equipment Decontaminated



N/A

Housekeeping of Site Checked (clean or cleaner)



N/A

Scope Of Work (SOW) Reviewed for Completion



Sample Container Set(s) Complete, Present and Secure



N/A

Load of Lading Completed



N/A

Chain of Custody Completed



N/A

Bill In to Project Coordinator / Base Completed



N/A

Route to Next Destination Known, Mapped and Understood



Effluent Control Devices Collected



N/A

Truck Secured on Truck



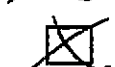
N/A

Check Out of Facility / Site



N/A

Secure Site / Close and Lock Gate



N/A

Checklist Task cannot be completed, explain: _____

PROJECT COORDINATOR ONLY

Checklist Reviewed

Notes

Initial/Date

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.



**Sequoia
Analytical**

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

27 January, 2004

Scott Robinson
URS Corporation [Arco]
500 12th Street, Suite 200
Oakland, CA 94607

RE: ARCO #0601, San Leandro, CA
Work Order: MNA0308

Enclosed are the results of analyses for samples received by the laboratory on 01/13/04 09:50. 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]
500 12th Street, Suite 200
Oakland CA, 94607

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

MNA0308
Reported:
01/27/04 19:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MNA0308-01	Water	01/12/04 12:45	01/13/04 09:50
MW-3	MNA0308-02	Water	01/12/04 11:55	01/13/04 09:50
MW-4	MNA0308-03	Water	01/12/04 11:30	01/13/04 09:50
MW-5	MNA0308-04	Water	01/12/04 12:15	01/13/04 09:50
MW-6	MNA0308-05	Water	01/12/04 10:40	01/13/04 09:50
MW-7	MNA0308-06	Water	01/12/04 09:40	01/13/04 09:50
MW-8	MNA0308-07	Water	01/12/04 11:05	01/13/04 09:50
MW-14	MNA0308-08	Water	01/12/04 13:20	01/13/04 09:50
TB-01-12-2004	MNA0308-09	Water	01/12/04 09:45	01/13/04 09:50
MW-10	MNA0308-10	Water	01/12/04 10:10	01/13/04 09:50

These samples were received with custody seals.

URS Corporation [Arco]
500 12th Street, Suite 200
Oakland CA, 94607

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

MNA0308
Reported:
01/27/04 19:31

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MNA0308-01) Water Sampled: 01/12/04 12:45 Received: 01/13/04 09:50									
Acenaphthene	ND	24	ug/l	5	4A16006	01/16/04	01/19/04	EPA 8270C	
Acenaphthylene	ND	24	"	"	"	"	"	"	
Anthracene	ND	24	"	"	"	"	"	"	
Benzoic acid	ND	49	"	"	"	"	"	"	
Benzo (a) anthracene	ND	24	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	24	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	24	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	49	"	"	"	"	"	"	
Benzo (a) pyrene	ND	24	"	"	"	"	"	"	
Benzyl alcohol	ND	49	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	24	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	49	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	24	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	62	49	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	24	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	24	"	"	"	"	"	"	
4-Chloroaniline	ND	240	"	"	"	"	"	"	
2-Chloronaphthalene	ND	24	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	24	"	"	"	"	"	"	
2-Chlorophenol	ND	24	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	49	"	"	"	"	"	"	
Chrysene	ND	24	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	24	"	"	"	"	"	"	
Dibenzofuran	ND	24	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	24	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	49	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	49	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	49	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	240	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	24	"	"	"	"	"	"	
Diethyl phthalate	ND	24	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	49	"	"	"	"	"	"	
Dimethyl phthalate	ND	24	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	24	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	49	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	24	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	24	"	"	"	"	"	"	

URS Corporation [Arco]
500 12th Street, Suite 200
Oakland CA, 94607

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

MNA0308
Reported:
01/27/04 19:31

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MNA0308-01) Water Sampled: 01/12/04 12:45 Received: 01/13/04 09:50									
Di-n-octyl phthalate	ND	49	ug/l	5	4A16006	01/16/04	01/19/04	EPA 8270C	
Fluoranthene	ND	24	"	"	"	"	"	"	
Fluorene	ND	24	"	"	"	"	"	"	
Hexachlorobenzene	ND	24	"	"	"	"	"	"	
Hexachlorobutadiene	ND	49	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	49	"	"	"	"	"	"	
Hexachloroethane	ND	49	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	49	"	"	"	"	"	"	
Isophorone	ND	24	"	"	"	"	"	"	
2-Methylnaphthalene	330	24	"	"	"	"	"	"	
2-Methylphenol	ND	24	"	"	"	"	"	"	
4-Methylphenol	ND	24	"	"	"	"	"	"	
Naphthalene	1000	49	"	10	"	"	01/19/04	"	
2-Nitroaniline	ND	49	"	5	"	"	01/19/04	"	
3-Nitroaniline	ND	490	"	"	"	"	"	"	
4-Nitroaniline	ND	240	"	"	"	"	"	"	
Nitrobenzene	ND	24	"	"	"	"	"	"	
2-Nitrophenol	ND	24	"	"	"	"	"	"	
4-Nitrophenol	ND	49	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	49	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	24	"	"	"	"	"	"	
Pentachlorophenol	ND	49	"	"	"	"	"	"	
Phenanthrene	ND	24	"	"	"	"	"	"	
Phenol	ND	24	"	"	"	"	"	"	
Pyrene	ND	24	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	49	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	24	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	24	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		48.9 %	31-73		"	"	"	"	
Surrogate: Phenol-d6		28.2 %	24-48		"	"	"	"	
Surrogate: Nitrobenzene-d5		70.5 %	66-107		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		75.7 %	61-110		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		81.0 %	46-110		"	"	"	"	
Surrogate: p-Terphenyl-d14		78.8 %	63-136		"	"	"	"	

URS Corporation [Arco]
500 12th Street, Suite 200
Oakland CA, 94607

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

MNA0308
Reported:
01/27/04 19:31

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MNA0308-01) Water Sampled: 01/12/04 12:45 Received: 01/13/04 09:50									
Gasoline Range Organics	8800	500	ug/l	10	4010380	01/21/04	01/21/04	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		98 %	65-135		"	"	"	"	
MW-3 (MNA0308-02) Water Sampled: 01/12/04 11:55 Received: 01/13/04 09:50									
Gasoline Range Organics	1100	50	ug/l	1	4010380	01/21/04	01/21/04	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		100 %	65-135		"	"	"	"	
MW-4 (MNA0308-03) Water Sampled: 01/12/04 11:30 Received: 01/13/04 09:50									
Gasoline Range Organics	260	50	ug/l	1	4010380	01/21/04	01/21/04	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		97 %	65-135		"	"	"	"	
MW-5 (MNA0308-04) Water Sampled: 01/12/04 12:15 Received: 01/13/04 09:50									
Gasoline Range Organics	ND	50	ug/l	1	4010380	01/21/04	01/21/04	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		97 %	65-135		"	"	"	"	
MW-6 (MNA0308-05) Water Sampled: 01/12/04 10:40 Received: 01/13/04 09:50									
Gasoline Range Organics	3600	250	ug/l	5	4010380	01/21/04	01/21/04	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		95 %	65-135		"	"	"	"	
MW-7 (MNA0308-06) Water Sampled: 01/12/04 09:40 Received: 01/13/04 09:50									
Gasoline Range Organics	ND	50	ug/l	1	4010380	01/21/04	01/21/04	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		96 %	65-135		"	"	"	"	
MW-8 (MNA0308-07) Water Sampled: 01/12/04 11:05 Received: 01/13/04 09:50									
Gasoline Range Organics	ND	50	ug/l	1	4010380	01/21/04	01/21/04	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		96 %	65-135		"	"	"	"	



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Oakland CA, 94607

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

MNA0308
Reported:
01/27/04 19:31

Purgeable Hydrocarbons by EPA 8015B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-14 (MNA0308-08) Water Sampled: 01/12/04 13:20 Received: 01/13/04 09:50									
Gasoline Range Organics	ND	50	ug/l	1	4010382	01/21/04	01/21/04	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		97 %	65-135		"	"	"	"	
MW-10 (MNA0308-10) Water Sampled: 01/12/04 10:10 Received: 01/13/04 09:50									
Gasoline Range Organics	ND	50	ug/l	1	4010382	01/21/04	01/21/04	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		94 %	65-135		"	"	"	"	



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Reported:
01/27/04 19:31

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MNA0308-01) Water Sampled: 01/12/04 12:45 Received: 01/13/04 09:50									
Tert-amyl methyl ether	ND	50	ug/l	50	4010389	01/21/04	01/21/04	EPA 8260B	
Benzene	1100	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	1000	"	"	"	"	"	"	
Di-isopropyl ether	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Ethanol	ND	5000	"	"	"	"	"	"	
Ethylbenzene	980	25	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	140	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Xylenes (total)	ND	25	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		108 %	84-122		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		105 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		95 %	84-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98 %	86-119		"	"	"	"	
MW-3 (MNA0308-02) Water Sampled: 01/12/04 11:55 Received: 01/13/04 09:50 R-05									
Tert-amyl methyl ether	ND	10	ug/l	10	4010389	01/21/04	01/21/04	EPA 8260B	
Benzene	ND	5.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	1000	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	34	5.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		107 %	84-122		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		101 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		96 %	84-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97 %	86-119		"	"	"	"	

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Reported:
01/27/04 19:31

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MNA0308-03) Water Sampled: 01/12/04 11:30 Received: 01/13/04 09:50									R-05
Tert-amyl methyl ether	ND	5.0	ug/l	5	4010389	01/21/04	01/21/04	EPA 8260B	
Benzene	4.4	2.5	"	"	"	"	"	"	
Tert-butyl alcohol	ND	100	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
Ethanol	ND	500	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	4.3	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	27	2.5	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		109 %	84-122		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		101 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		94 %	84-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99 %	86-119		"	"	"	"	
MW-5 (MNA0308-04) Water Sampled: 01/12/04 12:15 Received: 01/13/04 09:50									
Tert-amyl methyl ether	1.3	1.0	ug/l	1	4010389	01/21/04	01/21/04	EPA 8260B	
Benzene	1.5	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	11	0.50	"	"	"	"	"	"	
Toluene	0.68	0.50	"	"	"	"	"	"	
Xylenes (total)	0.62	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		102 %	84-122		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		95 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		89 %	84-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	86-119		"	"	"	"	

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01/27/04 19:31

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (MNA0308-05) Water Sampled: 01/12/04 10:40 Received: 01/13/04 09:50									
Tert-amyl methyl ether	ND	50	ug/l	50	4010389	01/21/04	01/21/04	EPA 8260B	
Benzene	560	25	"	"	"	"	"	"	
Tert-butyl alcohol	ND	1000	"	"	"	"	"	"	
Di-isopropyl ether	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Ethanol	ND	5000	"	"	"	"	"	"	
Ethylbenzene	120	25	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	150	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Xylenes (total)	ND	25	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		105 %	84-122		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		101 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		94 %	84-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96 %	86-119		"	"	"	"	
MW-7 (MNA0308-06) Water Sampled: 01/12/04 09:40 Received: 01/13/04 09:50									
Tert-amyl methyl ether	ND	1.0	ug/l	1	4010373	01/21/04	01/21/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		122 %	84-122		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		106 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		106 %	84-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	86-119		"	"	"	"	



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01/27/04 19:31

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MNA0308-07) Water Sampled: 01/12/04 11:05 Received: 01/13/04 09:50									
Tert-amyl methyl ether	ND	1.0	ug/l	1	4010373	01/21/04	01/21/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	13	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		107 %	84-122		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		100 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		106 %	84-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	86-119		"	"	"	"	
MW-14 (MNA0308-08) Water Sampled: 01/12/04 13:20 Received: 01/13/04 09:50									
Tert-amyl methyl ether	ND	1.0	ug/l	1	4010373	01/21/04	01/21/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		108 %	84-122		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		97 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		107 %	84-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	86-119		"	"	"	"	



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Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MNA0308-10) Water Sampled: 01/12/04 10:10 Received: 01/13/04 09:50									
Tert-amyl methyl ether	ND	1.0	ug/l	1	4010389	01/21/04	01/21/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	1.7	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		106 %	84-122		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		100 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		94 %	84-119		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93 %	86-119		"	"	"	"	

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Reported:
01/27/04 19:31

**Semivolatile Organic Compounds by EPA Method 8270C - 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 4A16006 - EPA 3510C SepFunnel

Blank (4A16006-BLK1)

Prepared: 01/16/04 Analyzed: 01/19/04

1,2-Diphenylhydrazine	ND	10	ug/l
Benzidine	ND	50	"
N-Nitrosodimethylamine	ND	5.0	"
Acenaphthene	ND	5.0	"
Acenaphthylene	ND	5.0	"
Anthracene	ND	5.0	"
Benzoic acid	ND	10	"
Benzo (a) anthracene	ND	5.0	"
Benzo (b) fluoranthene	ND	5.0	"
Benzo (k) fluoranthene	ND	5.0	"
Benzo (ghi) perylene	ND	10	"
Benzo (a) pyrene	ND	5.0	"
Benzyl alcohol	ND	10	"
Bis(2-chloroethoxy)methane	ND	5.0	"
Bis(2-chloroethyl)ether	ND	10	"
Bis(2-chloroisopropyl)ether	ND	5.0	"
Bis(2-ethylhexyl)phthalate	ND	10	"
4-Bromophenyl phenyl ether	ND	5.0	"
Butyl benzyl phthalate	ND	5.0	"
4-Chloroaniline	ND	50	"
2-Chloronaphthalene	ND	5.0	"
4-Chloro-3-methylphenol	ND	5.0	"
2-Chlorophenol	ND	5.0	"
4-Chlorophenyl phenyl ether	ND	10	"
Chrysene	ND	5.0	"
Dibenz (a,h) anthracene	ND	5.0	"
Dibenzofuran	ND	5.0	"
Di-n-butyl phthalate	ND	5.0	"
1,2-Dichlorobenzene	ND	10	"
1,3-Dichlorobenzene	ND	10	"
1,4-Dichlorobenzene	ND	10	"
3,3'-Dichlorobenzidine	ND	50	"
2,4-Dichlorophenol	ND	5.0	"
Diethyl phthalate	ND	5.0	"
2,4-Dimethylphenol	ND	10	"
Dimethyl phthalate	ND	5.0	"

Sequoia Analytical - Morgan Hill

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Project Manager: Scott Robinson

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Reported:
01/27/04 19:31

Semivolatile Organic Compounds by EPA Method 8270C - 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 4A16006 - EPA 3510C SepFunnel

Blank (4A16006-BLK1)

Prepared: 01/16/04 Analyzed: 01/19/04

4,6-Dinitro-2-methylphenol	ND	5.0	ug/l							
2,4-Dinitrophenol	ND	10	"							
2,4-Dinitrotoluene	ND	5.0	"							
2,6-Dinitrotoluene	ND	5.0	"							
Di-n-octyl phthalate	ND	10	"							
Fluoranthene	ND	5.0	"							
Fluorene	ND	5.0	"							
Hexachlorobenzene	ND	5.0	"							
Hexachlorobutadiene	ND	10	"							
Hexachlorocyclopentadiene	ND	10	"							
Hexachloroethane	ND	10	"							
Indeno (1,2,3-cd) pyrene	ND	10	"							
Isophorone	ND	5.0	"							
2-Methylnaphthalene	ND	5.0	"							
2-Methylphenol	ND	5.0	"							
4-Methylphenol	ND	5.0	"							
Naphthalene	ND	5.0	"							
2-Nitroaniline	ND	10	"							
3-Nitroaniline	ND	100	"							
4-Nitroaniline	ND	50	"							
Nitrobenzene	ND	5.0	"							
2-Nitrophenol	ND	5.0	"							
4-Nitrophenol	ND	10	"							
N-Nitrosodiphenylamine	ND	10	"							
N-Nitrosodi-n-propylamine	ND	5.0	"							
Pentachlorophenol	ND	10	"							
Phenanthrene	ND	5.0	"							
Phenol	ND	5.0	"							
Pyrene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	10	"							
2,4,5-Trichlorophenol	ND	5.0	"							
2,4,6-Trichlorophenol	ND	5.0	"							
Surrogate: 2-Fluorophenol	30.7		"	50.0		61.4	31-73			
Surrogate: Phenol-d6	18.4		"	50.0		36.8	24-48			
Surrogate: Nitrobenzene-d5	37.9		"	50.0		75.8	66-107			
Surrogate: 2-Fluorobiphenyl	39.4		"	50.0		78.8	61-110			

Sequoia Analytical - Morgan Hill

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Project Manager: Scott Robinson

MNA0308
Reported:
01/27/04 19:31

Semivolatile Organic Compounds by EPA Method 8270C - 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 4A16006 - EPA 3510C SepFunnel

Blank (4A16006-BLK1)

Prepared: 01/16/04 Analyzed: 01/19/04

Surrogate: 2,4,6-Tribromophenol	36.2		"	50.0		72.4	46-110			
Surrogate: p-Terphenyl-d14	46.5		"	50.0		93.0	63-136			

Laboratory Control Sample (4A16006-BS1)

Prepared: 01/16/04 Analyzed: 01/19/04

Acenaphthene	40.9	5.0	ug/l	50.0		81.8	64-110			
4-Chloro-3-methylphenol	41.1	5.0	"	50.0		82.2	66-112			
2-Chlorophenol	39.1	5.0	"	50.0		78.2	59-99			
1,4-Dichlorobenzene	36.1	10	"	50.0		72.2	52-93			
2,4-Dinitrotoluene	44.3	5.0	"	50.0		88.6	63-116			
4-Nitrophenol	18.2	10	"	50.0		36.4	14-66			
N-Nitrosodi-n-propylamine	43.2	5.0	"	50.0		86.4	61-109			
Pentachlorophenol	33.1	10	"	50.0		66.2	46-117			
Phenol	17.9	5.0	"	50.0		35.8	18-61			
Pyrene	47.4	5.0	"	50.0		94.8	62-123			
1,2,4-Trichlorobenzene	37.9	10	"	50.0		75.8	56-100			
Surrogate: 2-Fluorophenol	29.0		"	50.0		58.0	31-73			
Surrogate: Phenol-d6	17.7		"	50.0		35.4	24-48			
Surrogate: Nitrobenzene-d5	39.6		"	50.0		79.2	66-107			
Surrogate: 2-Fluorobiphenyl	38.2		"	50.0		76.4	61-110			
Surrogate: 2,4,6-Tribromophenol	43.6		"	50.0		87.2	46-110			
Surrogate: p-Terphenyl-d14	43.8		"	50.0		87.6	63-136			

Laboratory Control Sample Dup (4A16006-BS1)

Prepared: 01/16/04 Analyzed: 01/19/04

Acenaphthene	42.9	5.0	ug/l	50.0		85.8	64-110	4.77	20	
4-Chloro-3-methylphenol	41.4	5.0	"	50.0		82.8	66-112	0.727	20	
2-Chlorophenol	40.6	5.0	"	50.0		81.2	59-99	3.76	20	
1,4-Dichlorobenzene	38.1	10	"	50.0		76.2	52-93	5.39	20	
2,4-Dinitrotoluene	45.2	5.0	"	50.0		90.4	63-116	2.01	20	
4-Nitrophenol	19.0	10	"	50.0		38.0	14-66	4.30	20	
N-Nitrosodi-n-propylamine	44.4	5.0	"	50.0		88.8	61-109	2.74	20	
Pentachlorophenol	35.4	10	"	50.0		70.8	46-117	6.72	20	
Phenol	18.5	5.0	"	50.0		37.0	18-61	3.30	20	
Pyrene	49.0	5.0	"	50.0		98.0	62-123	3.32	20	
1,2,4-Trichlorobenzene	39.0	10	"	50.0		78.0	56-100	2.86	20	
Surrogate: 2-Fluorophenol	29.9		"	50.0		59.8	31-73			
Surrogate: Phenol-d6	18.4		"	50.0		36.8	24-48			

Sequoia Analytical - Morgan Hill

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URS Corporation [Arco]
500 12th Street, Suite 200
Oakland CA, 94607

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

MNA0308
Reported:
01/27/04 19:31

**Semivolatile Organic Compounds by EPA Method 8270C - 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 4A16006 - EPA 3510C SepFunnel

Laboratory Control Sample Dup (4A16006-BSD1)

Prepared: 01/16/04 Analyzed: 01/19/04

Surrogate: Nitrobenzene-d5	40.4		ug/l	50.0		80.8	66-107			
Surrogate: 2-Fluorobiphenyl	40.1		"	50.0		80.2	61-110			
Surrogate: 2,4,6-Tribromophenol	45.3		"	50.0		90.6	46-110			
Surrogate: p-Terphenyl-d14	44.8		"	50.0		89.6	63-136			

URS Corporation [Arco]
500 12th Street, Suite 200
Oakland CA, 94607

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

MNA0308
Reported:
01/27/04 19:31

Purgeable Hydrocarbons by EPA 8015B - 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 4010380 - EPA 5030B, waters
Blank (4010380-BLK1)

Prepared & Analyzed: 01/21/04

Gasoline Range Organics	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	299		"	300		100	65-135			

Laboratory Control Sample (4010380-BS1)

Prepared & Analyzed: 01/21/04

Gasoline Range Organics	2520	50	ug/l	2750		92	65-135			
Surrogate: 4-Bromofluorobenzene	317		"	300		106	65-135			

Matrix Spike (4010380-MS1)

Source: P401263-03

Prepared & Analyzed: 01/21/04

Gasoline Range Organics	2400	50	ug/l	2750	16	87	65-135			
Surrogate: 4-Bromofluorobenzene	298		"	300		99	65-135			

Matrix Spike Dup (4010380-MSD1)

Source: P401263-03

Prepared & Analyzed: 01/21/04

Gasoline Range Organics	2410	50	ug/l	2750	16	87	65-135	0.4	20	
Surrogate: 4-Bromofluorobenzene	307		"	300		102	65-135			

Batch 4010382 - EPA 5030B, waters
Blank (4010382-BLK1)

Prepared & Analyzed: 01/21/04

Gasoline Range Organics	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	287		"	300		96	65-135			

Laboratory Control Sample (4010382-BS1)

Prepared & Analyzed: 01/21/04

Gasoline Range Organics	2260	50	ug/l	2750		82	65-135			
Surrogate: 4-Bromofluorobenzene	306		"	300		102	65-135			

Matrix Spike (4010382-MS1)

Source: P401266-01

Prepared & Analyzed: 01/21/04

Gasoline Range Organics	2180	50	ug/l	2750	41	78	65-135			
Surrogate: 4-Bromofluorobenzene	308		"	300		103	65-135			



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Reported:
01/27/04 19:31

Purgeable Hydrocarbons by EPA 8015B - 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 4010382 - EPA 5030B, waters

Matrix Spike Dup (4010382-MSD1) **Source: P401266-01** **Prepared & Analyzed: 01/21/04**

Gasoline Range Organics	2090	50	ug/l	2750	41	75	65-135	4	20	
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Surrogate: 4-Bromofluorobenzene	306		"	300		102	65-135			
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URS Corporation [Arco]
500 12th Street, Suite 200
Oakland CA, 94607

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

MNA0308
Reported:
01/27/04 19:31

Volatile Organic Compounds by EPA Method 8260B - 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 4010373 - EPA 5030B waters

Blank (4010373-BLK1)

Prepared & Analyzed: 01/21/04

1,2-Dichlorobenzene	ND	0.50	ug/l							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Tert-amyl methyl ether	ND	1.0	"							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	6.37		"	6.00		106	84-122			
Surrogate: 1,2-Dichloroethane-d4	5.83		"	6.00		97	74-135			
Surrogate: Toluene-d8	6.56		"	6.00		109	84-119			
Surrogate: 4-Bromofluorobenzene	6.40		"	6.00		107	86-119			

Laboratory Control Sample (4010373-BS1)

Prepared & Analyzed: 01/21/04

Tert-amyl methyl ether	5.19	1.0	ug/l	5.00		104	78-117			
Benzene	5.38	0.50	"	5.00		108	81-118			
Tert-butyl alcohol	104	20	"	100		104	60-147			
Di-isopropyl ether	5.66	1.0	"	5.00		113	70-125			
1,2-Dibromoethane (EDB)	5.08	0.50	"	5.00		102	85-125			
1,2-Dichloroethane	4.80	0.50	"	5.00		96	77-126			
Ethanol	93.3	100	"	100		93	55-200			
Ethylbenzene	5.43	0.50	"	5.00		109	89-122			
Ethyl tert-butyl ether	4.88	1.0	"	5.00		98	71-120			
Methyl tert-butyl ether	4.82	0.50	"	5.00		96	70-122			
Toluene	4.75	0.50	"	5.00		95	84-119			
Xylenes (total)	16.9	0.50	"	15.0		113	86-132			
Surrogate: Dibromofluoromethane	6.51		"	6.00		108	84-122			
Surrogate: 1,2-Dichloroethane-d4	6.06		"	6.00		101	74-135			

Sequoia Analytical - Morgan Hill

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500 12th Street, Suite 200
Oakland CA, 94607

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

MNA0308
Reported:
01/27/04 19:31

Volatile Organic Compounds by EPA Method 8260B - 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 4010373 - EPA 5030B waters

Laboratory Control Sample (4010373-BS1)

Prepared & Analyzed: 01/21/04

Surrogate: Toluene-d8	6.53		ug/l	6.00		109	84-119			
Surrogate: 4-Bromofluorobenzene	6.20		"	6.00		103	86-119			

Laboratory Control Sample Dup (4010373-BS1)

Prepared & Analyzed: 01/21/04

Tert-amyl methyl ether	5.11	1.0	ug/l	5.00		102	78-117	2	20	
Benzene	5.22	0.50	"	5.00		104	81-118	3	20	
Tert-butyl alcohol	112	20	"	100		112	60-147	7	20	
Di-isopropyl ether	5.40	1.0	"	5.00		108	70-125	5	20	
1,2-Dibromoethane (EDB)	4.79	0.50	"	5.00		96	85-125	6	20	
1,2-Dichloroethane	4.77	0.50	"	5.00		95	77-126	0.6	20	
Ethanol	108	100	"	100		108	55-200	15	20	
Ethylbenzene	5.26	0.50	"	5.00		105	89-122	3	20	
Ethyl tert-butyl ether	4.74	1.0	"	5.00		95	71-120	3	20	
Methyl tert-butyl ether	4.86	0.50	"	5.00		97	70-122	0.8	20	
Toluene	4.74	0.50	"	5.00		95	84-119	0.2	20	
Xylenes (total)	16.1	0.50	"	15.0		107	86-132	5	20	
Surrogate: Dibromofluoromethane	6.32		"	6.00		105	84-122			
Surrogate: 1,2-Dichloroethane-d4	6.10		"	6.00		102	74-135			
Surrogate: Toluene-d8	6.71		"	6.00		112	84-119			
Surrogate: 4-Bromofluorobenzene	6.26		"	6.00		104	86-119			

Batch 4010389 - EPA 5030B waters

Blank (4010389-BLK1)

Prepared & Analyzed: 01/21/04

Tert-amyl methyl ether	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Tert-butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethylbenzene	ND	0.50	"							
Ethyl tert-butyl ether	ND	1.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	5.34		"	5.00		107	84-122			

Sequoia Analytical - Morgan Hill

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500 12th Street, Suite 200
Oakland CA, 94607

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

MNA0308
Reported:
01/27/04 19:31

Volatile Organic Compounds by EPA Method 8260B - 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 4010389 - EPA 5030B waters

Blank (4010389-BLK1)

Prepared & Analyzed: 01/21/04

Surrogate: 1,2-Dichloroethane-d4	5.15		ug/l	5.00		103	74-135			
Surrogate: Toluene-d8	4.71		"	5.00		94	84-119			
Surrogate: 4-Bromofluorobenzene	4.81		"	5.00		96	86-119			

Laboratory Control Sample (4010389-BS1)

Prepared & Analyzed: 01/21/04

Tert-amyl methyl ether	4.41	1.0	ug/l	5.00		88	78-117			
Benzene	4.46	0.50	"	5.00		89	81-118			
Tert-butyl alcohol	88.6	20	"	100		89	60-147			
Di-isopropyl ether	4.58	1.0	"	5.00		92	70-125			
1,2-Dibromoethane (EDB)	5.13	0.50	"	5.00		103	85-125			
1,2-Dichloroethane	4.82	0.50	"	5.00		96	77-126			
Ethanol	81.5	100	"	100		82	55-200			
Ethylbenzene	5.25	0.50	"	5.00		105	89-122			
Ethyl tert-butyl ether	4.43	1.0	"	5.00		89	71-120			
Methyl tert-butyl ether	4.48	0.50	"	5.00		90	70-122			
Toluene	4.80	0.50	"	5.00		96	84-119			
Xylenes (total)	15.8	0.50	"	15.0		105	86-132			

Surrogate: Dibromofluoromethane	5.15		"	5.00		103	84-122			
Surrogate: 1,2-Dichloroethane-d4	4.81		"	5.00		96	74-135			
Surrogate: Toluene-d8	4.63		"	5.00		93	84-119			
Surrogate: 4-Bromofluorobenzene	4.71		"	5.00		94	86-119			

Matrix Spike (4010389-MS1)

Source: MNA0308-04

Prepared & Analyzed: 01/21/04

Tert-amyl methyl ether	5.72	1.0	ug/l	5.00	1.3	88	78-117			
Benzene	6.17	0.50	"	5.00	1.5	93	81-118			
Tert-butyl alcohol	103	20	"	100	ND	103	60-147			
Di-isopropyl ether	4.60	1.0	"	5.00	ND	92	70-125			
1,2-Dibromoethane (EDB)	5.40	0.50	"	5.00	ND	108	85-125			
1,2-Dichloroethane	5.09	0.50	"	5.00	ND	102	77-126			
Ethanol	101	100	"	100	ND	101	55-200			
Ethylbenzene	5.59	0.50	"	5.00	0.22	107	89-122			
Ethyl tert-butyl ether	4.44	1.0	"	5.00	ND	89	71-120			
Methyl tert-butyl ether	14.5	0.50	"	5.00	11	70	70-122			
Toluene	5.60	0.50	"	5.00	0.68	98	84-119			
Xylenes (total)	16.7	0.50	"	15.0	0.62	107	86-132			

Surrogate: Dibromofluoromethane	4.75		"	5.00		95	84-122			
Surrogate: 1,2-Dichloroethane-d4	4.42		"	5.00		88	74-135			

Sequoia Analytical - Morgan Hill

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500 12th Street, Suite 200
Oakland CA, 94607

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

MNA0308
Reported:
01/27/04 19:31

Volatile Organic Compounds by EPA Method 8260B - 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 4010389 - EPA 5030B waters

Matrix Spike (4010389-MS1) Source: MNA0308-04 Prepared & Analyzed: 01/21/04

Surrogate: Toluene-d8	4.37		"	5.00		87	84-119		
Surrogate: 4-Bromofluorobenzene	4.73		"	5.00		95	86-119		

Matrix Spike Dup (4010389-MSD1) Source: MNA0308-04 Prepared & Analyzed: 01/21/04

Tert-amyl methyl ether	5.50	1.0	ug/l	5.00	1.3	84	78-117	4	20
Benzene	5.80	0.50	"	5.00	1.5	86	81-118	6	20
Tert-butyl alcohol	100	20	"	100	ND	100	60-147	3	20
Di-isopropyl ether	4.39	1.0	"	5.00	ND	88	70-125	5	20
1,2-Dibromoethane (EDB)	4.97	0.50	"	5.00	ND	99	85-125	8	20
1,2-Dichloroethane	4.83	0.50	"	5.00	ND	97	77-126	5	20
Ethanol	93.9	100	"	100	ND	94	55-200	7	20
Ethylbenzene	5.29	0.50	"	5.00	0.22	101	89-122	6	20
Ethyl tert-butyl ether	4.26	1.0	"	5.00	ND	85	71-120	4	20
Methyl tert-butyl ether	14.6	0.50	"	5.00	11	72	70-122	0.7	20
Toluene	5.37	0.50	"	5.00	0.68	94	84-119	4	20
Xylenes (total)	16.1	0.50	"	15.0	0.62	103	86-132	4	20

Surrogate: Dibromofluoromethane	5.09		"	5.00		102	84-122		
Surrogate: 1,2-Dichloroethane-d4	4.83		"	5.00		97	74-135		
Surrogate: Toluene-d8	4.60		"	5.00		92	84-119		
Surrogate: 4-Bromofluorobenzene	4.80		"	5.00		96	86-119		



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Project Number: INTRIM-50677
Project Manager: Scott Robinson

MNA0308
Reported:
01/27/04 19:31

Notes and Definitions

R-05 The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.

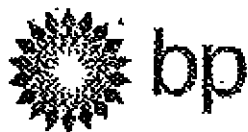
DET Analyte DETECTED

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

Project Name 007 GWM

BP BU/GEM CO Portfolio Retail

BP Laboratory Contract Number: Atlantic Richfield Company

Requested Due Date (mm/dd/yy) 14 day TAT

Date: 1/12/04

Page 1 of 2

On-site Time: <u>0745</u>	Temp: <u>59°</u>
Off-site Time: <u>1415</u>	Temp: <u>65°</u>
Sky Conditions: <u>clear</u>	
Meteorological Events: <u>-</u>	
Wind Speed: <u>-</u>	Direction: <u>-</u>

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>500 12th St, Ste. 200</u>
Lab Address: <u>885 Jarvis Dr.</u>	Site ID No. <u>ARCO 601</u>	<u>Oakland, CA 94609-4014</u>
<u>Morgan Hill, CA 95037</u>	Site Lat/Long:	e-mail EDD: <u>donna.casper@URSCorp.com</u>
	California Global ID #: <u>T0000100108</u>	Consultant/Contractor Project No.: <u>15-00000601.01 00427</u>
Lab PM: <u>Theresa Allen</u>	BP/GEM PM Contact: <u>PAUL SUPPLE</u>	Consultant Tele/Fax: <u>510-893-3600/510-874-3268</u>
Tel/Fax: <u>408-778-9600 / 408-782-6308</u>	Address: <u>P.O. Box 6549</u>	Consultant/Contractor PM: <u>Scott Robinson</u>
Report Type & QC Level: <u>1 Send EDF Reports</u>	<u>Moraga, CA 94570</u>	Invoice to: Consultant/Contractor of <u>BP/GEM</u> (Circle one)
BP/GEM Account No.:	Tel/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	Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	TPH-G/BTEX C8015/8021/8260	TPH-D (8015)	MTBE (8021)	MTBE/TAME/ETBE DIPY TBA (8260)	1,2-DCA & EDB (8260)	Ethanol (8260)	SVOC's (8270)				
1	MW-1	1245	X				01	5	2			X			X	X	X	X					
2	MW-3	1155	X				02	3				X			X	X	X						
3	MW-4	1130	X				03	3				X			X	X	X						
4	MW-5	1215	X				04	3				X			X	X	X						
5	MW-6	1040	X				05	3				X			X	X	X		9				
6	MW-7	0940	X				06	3				X			X	X	X						
7	MW-8	1105	X				07	3				X			X	X	X						
8	MW-14	1320	X				08	3				X			X	X	X						
9	TB-01-R-2004	0945	X				09	2												On Hold			
-10																							

Sampler's Name: <u>Matthew Pynch</u>	Relinquished By / Affiliation: <u>Matthew Pynch</u>	Date: <u>1/13/04</u>	Time: <u>9:10</u>	Accepted By / Affiliation: <u>Paul Supple</u>	Date: <u>1/13/04</u>	Time: <u>9:50</u>
Sampler's Company: <u>Blaine Tech Services</u>						
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

Special Instructions: Address Invoice to BP/GEM but send to URS for approval

Seals in Place Yes X No - Temperature Blank Yes X No - Cooler Temperature on Receipt 4 °F/0 Trip Blank Yes X No -

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

BP COC Rev. 1 2/5/02



Chain of Custody Record

Page 2 of 2

Project Name 001 GWM

BP BU/GEM CO Portfolio Retail

BP Laboratory Contract Number: Atlantic Richfield Company

Requested Due Date (mm/dd/yy) 14 day TAT

Date: 1/12/64

On-site Time: <u>6745</u>	Temp: <u>53°</u>
Off-site Time: <u>1415</u>	Temp: <u>65°</u>
Sky Conditions: <u>clear</u>	
Meteorological Events: <u>-</u>	
Wind Speed: <u>-</u>	Direction: <u>-</u>

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>500 12th St., Ste. 200</u>
Lab Address: <u>885 Jarvis Dr.</u>	Site ID No.: <u>ARCO 601</u>	<u>Oakland, CA 94609-4014</u>
<u>Morgan Hill, CA 95037</u>	Site Lat/Long:	e-mail EDD: <u>donna.casper@URSCorp.com</u>
	California Global ID #: <u>T0600100108</u>	Consultant/Contractor Project No.: <u>15-00000601.01 00427</u>
Lab PM: <u>Theresa Allen</u>	BP/GEM PM Contact: <u>PAUL SUPPLE</u>	Consultant Tele/Fax: <u>510-883-3600/510-874-3268</u>
Tele/Fax: <u>408-778-9600 / 408-782-8308</u>	Address: <u>P.O. Box 8549</u>	Consultant/Contractor PM: <u>Scott Robinson</u>
Report Type & QC Level: <u>1 Send FDP Reports</u>	<u>Moraga, CA 94570</u>	Invoice to: Consultant/Contractor of: <u>BP/GEM (circle one)</u>
BP/GEM Account 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.	Preservatives				Requested Analysis										Sample Point Lat/Long and Comments
Item No.	Sample Description	Time	Soil/Solid	Water/Liquid	Sediments	Air		No. of containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	TPH-G / BTEX (8013/8021/8260)	TPH-D (8015)	MTBE (8021)	MTBE, TAME, ETBE (8013/8021/8260)	1,2-DCA & EDB (8260)	Ethanol (8260)	SVOC's (8270)			
1	<u>MW-9</u>																					
2	<u>MW-10</u>	<u>1010</u>		<u>X</u>			<u>10</u>	<u>3</u>				<u>3</u>	<u>X</u>			<u>X</u>	<u>X</u>	<u>X</u>				<u>JP</u>
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Sampler's Name: <u>Matthew Purch</u>	Relinquished By / Affiliation: <u>[Signature]</u>	Date: <u>1/12/64</u>	Time: <u>9:10</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>1/12/64</u>	Time: <u>9:10</u>
Sampler's Company: <u>Baine Tech Services</u>						
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

Special Instructions: Address Invoice to BP/GEM but send to URS for approval

Seals In Place Yes X No X Temperature Blank Yes X No X Cooler Temperature on Receipt 9 000 Trip Blank Yes X No X

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

BP COC Rev. 1 1/8/01

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: HRS
 REC. BY (PRINT): GB
 WORKORDER: LN# 665/305

DATE REC'D AT LAB: 1-13-04
 TIME REC'D AT LAB: 0950
 DATE LOGGED IN: 1-14-04

DRINKING WATER for
 regulatory purposes: YES / ☒ NO
 WASTE WATER for
 regulatory purposes: YES / ☒ NO

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	☒ Present / ☐ Absent Intact / Broken*			M10-1	3 new	plc	L	1-14-04	
2. Chain-of-Custody	☒ Present / ☐ Absent*			M10-2	3 new	plc			
3. Traffic Reports or Packing List:	☐ Present / ☒ Absent			4					
4. Airbill:	☐ Airbill / ☒ Sticker ☐ Present / ☒ Absent			5					
5. Airbill #:				6					
6. Sample Labels:	☒ Present / ☐ Absent			7					
7. Sample IDs:	☒ Listed / ☐ Not Listed on Chain-of-Custody			8					
8. Sample Condition:	☒ Intact / ☐ Broken* / Leaking*			14	2 new				
9. Does information on chain-of-custody, traffic reports and sample labels agree?	☒ Yes / ☐ No*								
10. Sample received within hold time:	☒ Yes / ☐ No*								
11. Adequate sample volume received?	☒ Yes / ☐ No*								
12. Proper Preservatives used:	☒ Yes / ☐ No*								
13. Temp Rec. at Lab: Is temp $\pm 1-2^{\circ}\text{C}$?	☒ Yes / ☐ No*								
(Acceptance range for samples requiring thermal pres.)									
**Exception (if any): METALS / OFF ON ICE or Problem COC									

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

ATTACHMENT C

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Error Summary Log

01/30/04

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:	MNA0308
Global ID:	T0600100108
Lab Report Number:	MNA0308012720041931

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
MNA03080127200 MW-1 41931		MNA030801	W	CS	8260FAB	SW5030	01/12/04	01/21/04	01/21/04	4010389	1	SEQP
MNA03080127200 MW-1 41931		MNA030801	W	CS	SW8015B	SW5030	01/12/04	01/21/04	01/21/04	4010380	1	SEQP
MNA03080127200 MW-1 41931		MNA030801	W	CS	SW8270C	SW3510C	01/12/04	01/16/04	01/19/04	4A16006	1	
MNA03080127200 MW-10 41931		MNA030810	W	CS	8260FAB	SW5030	01/12/04	01/21/04	01/21/04	4010389	1	SEQP
MNA03080127200 MW-10 41931		MNA030810	W	CS	SW8015B	SW5030	01/12/04	01/21/04	01/21/04	4010382	1	SEQP
MNA03080127200 MW-14 41931		MNA030808	W	CS	8260FAB	SW5030	01/12/04	01/21/04	01/21/04	4010373	1	SEQP
MNA03080127200 MW-14 41931		MNA030808	W	CS	SW8015B	SW5030	01/12/04	01/21/04	01/21/04	4010382	1	SEQP
MNA03080127200 MW-3 41931		MNA030802	W	CS	8260FAB	SW5030	01/12/04	01/21/04	01/21/04	4010389	1	SEQP
MNA03080127200 MW-3 41931		MNA030802	W	CS	SW8015B	SW5030	01/12/04	01/21/04	01/21/04	4010380	1	SEQP
MNA03080127200 MW-4 41931		MNA030803	W	CS	8260FAB	SW5030	01/12/04	01/21/04	01/21/04	4010389	1	SEQP
MNA03080127200 MW-4 41931		MNA030803	W	CS	SW8015B	SW5030	01/12/04	01/21/04	01/21/04	4010380	1	SEQP
MNA03080127200 MW-5 41931		MNA030804	W	CS	8260FAB	SW5030	01/12/04	01/21/04	01/21/04	4010389	1	SEQP
MNA03080127200 MW-5 41931		MNA030804	W	CS	SW8015B	SW5030	01/12/04	01/21/04	01/21/04	4010380	1	SEQP
MNA03080127200 MW-6 41931		MNA030805	W	CS	8260FAB	SW5030	01/12/04	01/21/04	01/21/04	4010389	1	SEQP
MNA03080127200 MW-6 41931		MNA030805	W	CS	SW8015B	SW5030	01/12/04	01/21/04	01/21/04	4010380	1	SEQP
MNA03080127200 MW-7 41931		MNA030806	W	CS	8260FAB	SW5030	01/12/04	01/21/04	01/21/04	4010373	1	SEQP
MNA03080127200 MW-7 41931		MNA030806	W	CS	SW8015B	SW5030	01/12/04	01/21/04	01/21/04	4010380	1	SEQP
MNA03080127200 MW-8 41931		MNA030807	W	CS	8260FAB	SW5030	01/12/04	01/21/04	01/21/04	4010373	1	SEQP
MNA03080127200 MW-8 41931		MNA030807	W	CS	SW8015B	SW5030	01/12/04	01/21/04	01/21/04	4010380	1	SEQP
		P40126303	W	NC	SW8015B	SW5030	/ /	01/21/04	01/21/04	4010380	1	SEQP
		P40126601	W	NC	SW8015B	SW5030	/ /	01/21/04	01/21/04	4010382	1	SEQP

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
		4010373BSD1	WQ	BD1	8260FAB	SW5030	//	01/21/04	01/21/04	4010373	1	SEQP
		4010373BS1	WQ	BS1	8260FAB	SW5030	//	01/21/04	01/21/04	4010373	1	SEQP
		4010373BLK1	WQ	LB1	8260FAB	SW5030	//	01/21/04	01/21/04	4010373	1	SEQP
		4010380BS1	WQ	BS1	SW8015B	SW5030	//	01/21/04	01/21/04	4010380	1	SEQP
		4010380BLK1	WQ	LB1	SW8015B	SW5030	//	01/21/04	01/21/04	4010380	1	SEQP
		4010380MS1	W	MS1	SW8015B	SW5030	//	01/21/04	01/21/04	4010380	1	SEQP
		4010380MSD1	W	SD1	SW8015B	SW5030	//	01/21/04	01/21/04	4010380	1	SEQP
		4010382BS1	WQ	BS1	SW8015B	SW5030	//	01/21/04	01/21/04	4010382	1	SEQP
		4010382BLK1	WQ	LB1	SW8015B	SW5030	//	01/21/04	01/21/04	4010382	1	SEQP
		4010382MS1	W	MS1	SW8015B	SW5030	//	01/21/04	01/21/04	4010382	1	SEQP
		4010382MSD1	W	SD1	SW8015B	SW5030	//	01/21/04	01/21/04	4010382	1	SEQP
		4010389BS1	WQ	BS1	8260FAB	SW5030	//	01/21/04	01/21/04	4010389	1	SEQP
		4010389BLK1	WQ	LB1	8260FAB	SW5030	//	01/21/04	01/21/04	4010389	1	SEQP
		4010389MS1	W	MS1	8260FAB	SW5030	//	01/21/04	01/21/04	4010389	1	SEQP
		4010389MSD1	W	SD1	8260FAB	SW5030	//	01/21/04	01/21/04	4010389	1	SEQP
		4A16006BSD1	WQ	BD1	SW8270C	SW3510C	//	01/16/04	01/19/04	4A16006	1	
		4A16006BS1	WQ	BS1	SW8270C	SW3510C	//	01/16/04	01/19/04	4A16006	1	
		4A16006BLK1	WQ	LB1	SW8270C	SW3510C	//	01/16/04	01/19/04	4A16006	1	

EDFSAMP: Error Summary Log

01/30/04

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

EDFTEST: Error Summary Log

01/30/04

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

EDFRES: Error Summary Log

01/30/04

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	4010380MS1	MS1	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010380MS1	MS1	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	4010380MSD1	SD1	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010380MSD1	SD1	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	4010382MS1	MS1	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010382MS1	MS1	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	4010382MSD1	SD1	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010382MSD1	SD1	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	4010389MS1	MS1	W	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010389MS1	MS1	W	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	4010389MS1	MS1	W	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	4010389MS1	MS1	W	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	4010389MSD1	SD1	W	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010389MSD1	SD1	W	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	4010389MSD1	SD1	W	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	4010389MSD1	SD1	W	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	MNA030801	CS	W	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030801	CS	W	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	MNA030801	CS	W	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	MNA030801	CS	W	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	MNA030801	CS	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030801	CS	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	MNA030802	CS	W	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030802	CS	W	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	MNA030802	CS	W	8260FAB	PR	01/21/04	1	DBFM

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	MNA030802	CS	W	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	MNA030802	CS	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030802	CS	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	MNA030803	CS	W	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030803	CS	W	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	MNA030803	CS	W	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	MNA030803	CS	W	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	MNA030803	CS	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030803	CS	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	MNA030804	CS	W	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030804	CS	W	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	MNA030804	CS	W	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	MNA030804	CS	W	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	MNA030804	CS	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030804	CS	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	MNA030805	CS	W	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030805	CS	W	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	MNA030805	CS	W	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	MNA030805	CS	W	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	MNA030805	CS	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030805	CS	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	MNA030806	CS	W	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030806	CS	W	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	MNA030806	CS	W	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	MNA030806	CS	W	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	MNA030806	CS	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030806	CS	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	MNA030807	CS	W	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030807	CS	W	8260FAB	PR	01/21/04	1	BZMED8

Error type	LabsampId	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	MNA030807	CS	W	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	MNA030807	CS	W	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	MNA030807	CS	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030807	CS	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	MNA030808	CS	W	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030808	CS	W	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	MNA030808	CS	W	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	MNA030808	CS	W	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	MNA030808	CS	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030808	CS	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	MNA030810	CS	W	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030810	CS	W	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	MNA030810	CS	W	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	MNA030810	CS	W	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	MNA030810	CS	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	MNA030810	CS	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	P40126303	NC	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	P40126303	NC	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	P40126601	NC	W	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	P40126601	NC	W	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	4010373BLK1	LB1	WQ	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010373BLK1	LB1	WQ	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	4010373BLK1	LB1	WQ	8260FAB	PR	01/21/04	1	CLBZ
Warning: extra parameter	4010373BLK1	LB1	WQ	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	4010373BLK1	LB1	WQ	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	4010373BLK1	LB1	WQ	8260FAB	PR	01/21/04	1	DCBZ12
Warning: extra parameter	4010373BLK1	LB1	WQ	8260FAB	PR	01/21/04	1	DCBZ13
Warning: extra parameter	4010373BLK1	LB1	WQ	8260FAB	PR	01/21/04	1	DCBZ14
Warning: extra parameter	4010373BS1	BS1	WQ	8260FAB	PR	01/21/04	1	BR4FBZ

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	4010373BS1	BS1	WQ	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	4010373BS1	BS1	WQ	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	4010373BS1	BS1	WQ	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	4010373BSD1	BD1	WQ	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010373BSD1	BD1	WQ	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	4010373BSD1	BD1	WQ	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	4010373BSD1	BD1	WQ	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	4010380BLK1	LB1	WQ	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010380BLK1	LB1	WQ	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	4010380BS1	BS1	WQ	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010380BS1	BS1	WQ	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	4010382BLK1	LB1	WQ	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010382BLK1	LB1	WQ	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	4010382BS1	BS1	WQ	SW8015B	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010382BS1	BS1	WQ	SW8015B	PR	01/21/04	1	GRO
Warning: extra parameter	4010389BLK1	LB1	WQ	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010389BLK1	LB1	WQ	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	4010389BLK1	LB1	WQ	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	4010389BLK1	LB1	WQ	8260FAB	PR	01/21/04	1	DCA12D4
Warning: extra parameter	4010389BS1	BS1	WQ	8260FAB	PR	01/21/04	1	BR4FBZ
Warning: extra parameter	4010389BS1	BS1	WQ	8260FAB	PR	01/21/04	1	BZMED8
Warning: extra parameter	4010389BS1	BS1	WQ	8260FAB	PR	01/21/04	1	DBFM
Warning: extra parameter	4010389BS1	BS1	WQ	8260FAB	PR	01/21/04	1	DCA12D4

EDFQC: Error Summary Log

01/30/04

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

EDFCL: Error Summary Log

01/30/04

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

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Confirmation Number: 1379337310**Date/Time of Submittal:** 1/30/2004 11:05:41 AM**Facility Global ID:** T0600100108**Facility Name:** ARCO # 00601**Submittal Title:** 1st Qtr. 2004 Gw Monitoring Data**Submittal Type:** Additional Information ReportLogged in as URSCORP-OAKLAND
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Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Title: 1st Quarter 2004 Geowell Data for Site
#0601

Submittal Date/Time: 1/29/2004 4:38:42 PM

Confirmation
Number: 7501637101

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