

September 19, 2003

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

Alameda County
SEP 21 2003
Environmental Health

**Re: Third Quarter 2003 Groundwater Monitoring Report
ARCO Service Station #0601
712 Lewelling Boulevard
San Leandro, California
URS Project #38486313**

Dear Ms. Chu:

On behalf of Atlantic Richfield Company (ARCO – an affiliated company of the Group Environmental Management Company), URS Corporation (URS) is submitting the *Third Quarter 2003 Groundwater Monitoring Report* for the ARCO Service Station #0601, located at 712 Lewelling Boulevard, San Leandro, California.

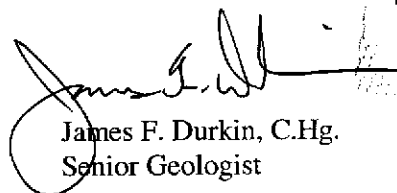
If you have any questions regarding this submission, please call (510) 874-3280.

Sincerely,

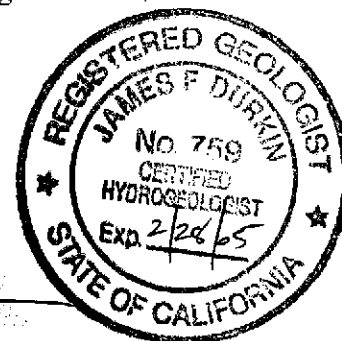
URS CORPORATION



Scott Robinson
Project Manager



James F. Durkin, C.Hg.
Senior Geologist



Enclosure: Third Quarter 2003 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

September 19, 2003

RE: Third Quarter 2003 Groundwater Monitoring Report
ARCO Service Station #0601
712 Lewelling Boulevard
San Leandro, CA
URS Project# 38486313

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 Supply
Environmental Business Manager

REPORT

THIRD QUARTER 2003 GROUNDWATER MONITORING

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

Prepared for
Atlantic Richfield Company

September 19, 2003

URS

URS Corporation
500 12th Street, Suite 200
Oakland, California 94607

Date: September 19, 2003
 Quarter: 3Q 03

ATLANTIC RICHFIELD COMPANY QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.: 0601 Address: 712 Lewelling Boulevard, San Leandro, CA
 Atlantic Richfield Co. Environmental Engineer: Paul Supple
 Consulting Co./Contact Person: URS Corporation / Scott Robinson
 Consultant Project No.: 38486313
 Primary Agency: Alameda County Health Care Services Agency (ACHCSA)

WORK PERFORMED THIS QUARTER (Third – 2003):

1. Performed third quarter 2003 groundwater monitoring event on August 7, 2003.
2. Prepared and submitted third quarter 2003 groundwater monitoring report.
3. Submit report on fuel line upgrade which started June 9, 2003 and was completed in mid-July 2003.

WORK PROPOSED FOR NEXT QUARTER (Fourth – 2003):

1. Perform fourth quarter 2003 groundwater monitoring event.
2. Prepare and submit fourth quarter 2003 groundwater monitoring report.

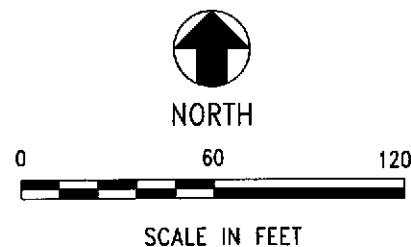
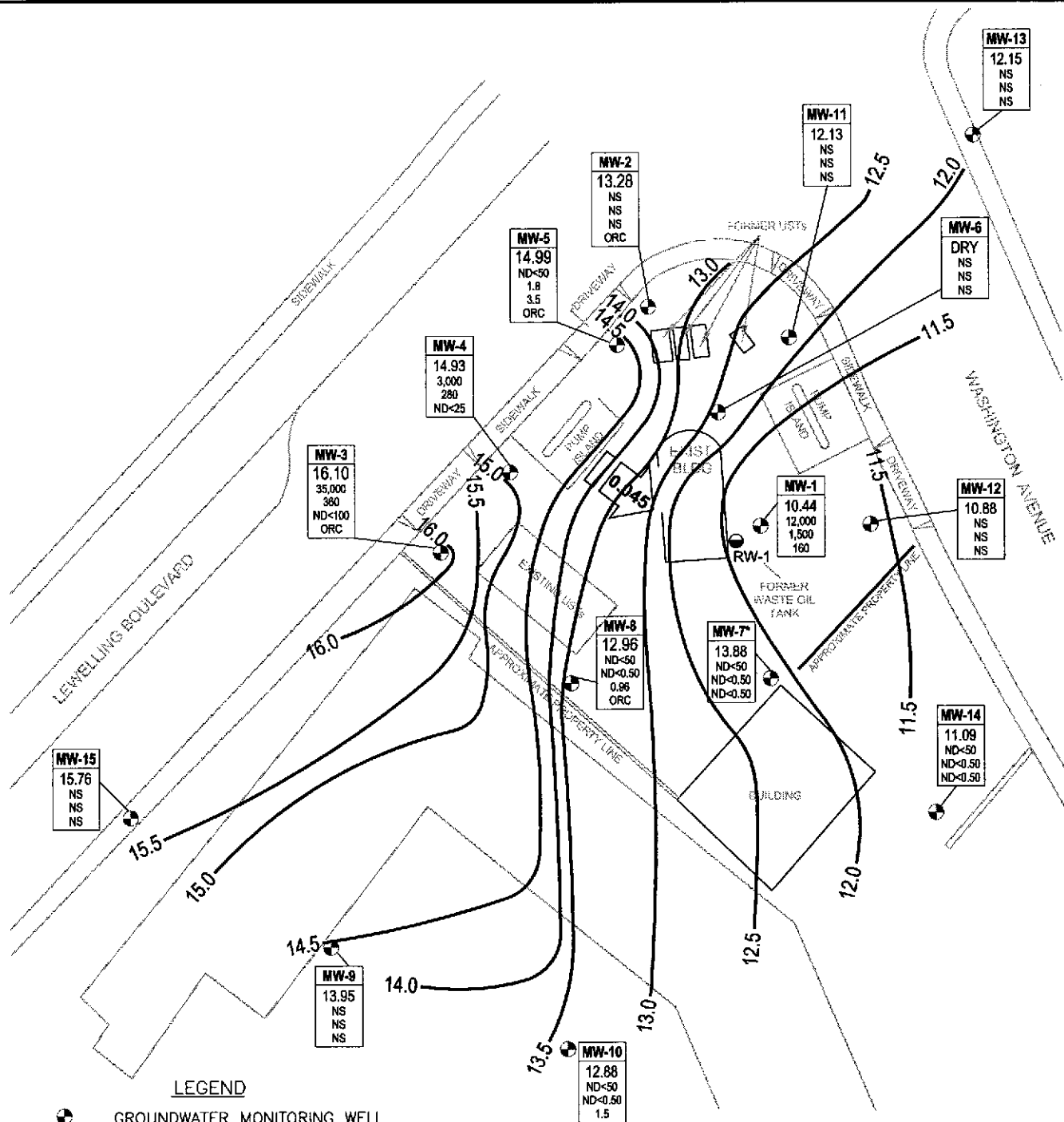
Current Phase of Project:	GW monitoring/sampling
Frequency of Groundwater Sampling:	Annual (1st Quarter): MW-2, MW-11, MW-12, MW-13 Semi-Annual (1st/3rd Quarter) MW-9, MW-15 Quarterly: MW-1, MW-3 through MW-8 MW-10, MW-14
Frequency of Groundwater Monitoring:	Quarterly
Is Free Product (FP) Present On-Site:	Sheen (MW-1)
FP Recovered this Quarter:	None
Cumulative FP Recovered to Date:	3.45 gallons, Well MW-1
Bulk Soil Removed This Quarter:	None
Bulk Soil Removed to Date:	1,565 cubic yards of TPH impacted soil
Current Remediation Techniques:	Natural Attenuation / ORC: MW-2, MW-3, MW-5, and MW-8
Approximate Depth to Groundwater:	6.32 (MW-15) to 9.81 (MW-14) feet
Groundwater Gradient (direction):	East-Southeast
Groundwater Gradient (magnitude):	0.045 feet per foot

DISCUSSION:

The eight groundwater samples collected this quarter were analyzed by EPA method 8260B for TPH-g, BTEX, and fuel oxygenates. TPH-g was detected in three of the wells sampled at concentrations ranging from 3,000 micrograms per liter (µg/L) in well MW-4 to 35,000 µg/L in well MW-3. Benzene was detected in four wells at concentrations ranging from 1.8 µg/L in well MW-5 to 1,500 µg/L in well MW-1. MTBE was detected in four wells at concentrations ranging from 0.96 µg/L in well MW-8 to 160 µg/L in well MW-1. Well MW-1 was analyzed for semivolatile organic compounds (SVOCs) by EPA method 8270. The sample collected from MW-1 contained 2-Methylnaphthalene and Naphthalene detected at concentrations of 360 µg/L and 1,100 µg/L, respectively.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – August 7, 2003
- Figure 2 – TPH-g Isoconcentration Map – August 7, 2003
- Figure 3 – Benzene Isoconcentration Map – August 7, 2003
- Figure 4 – MTBE Isoconcentration Map – August 7, 2003
- 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



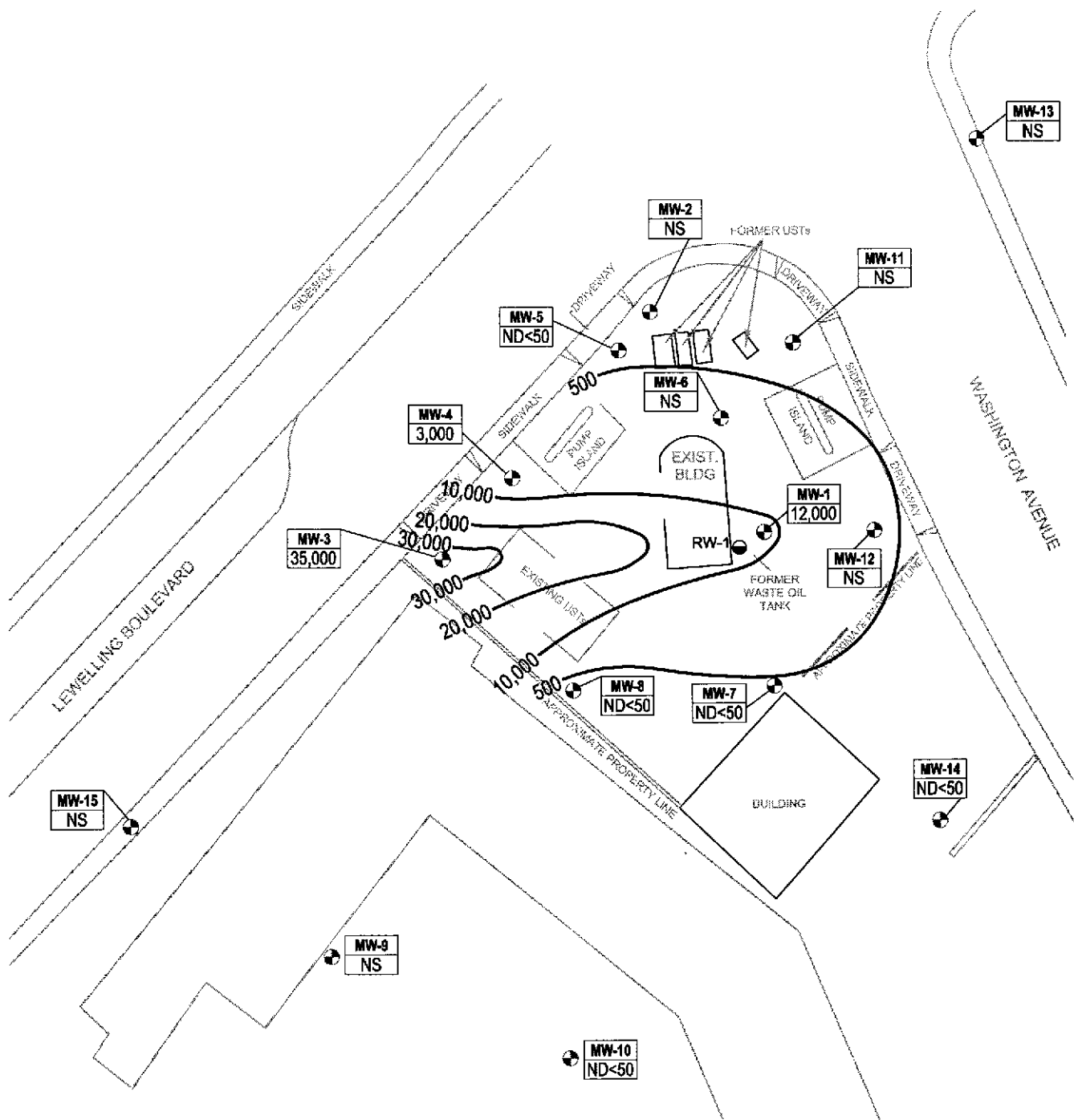
NOTE: SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

URS

Project No. 38486313
Arco Service Station 0601
712 Lewelling Boulevard
San Leandro, California

GROUNDWATER ELEVATION CONTOUR
AND ANALYTICAL SUMMARY MAP
Third Quarter 2003 (August 7, 2003)

FIGURE
1

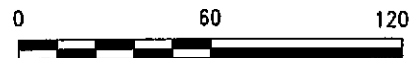


LEGEND

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



NORTH



SCALE IN FEET

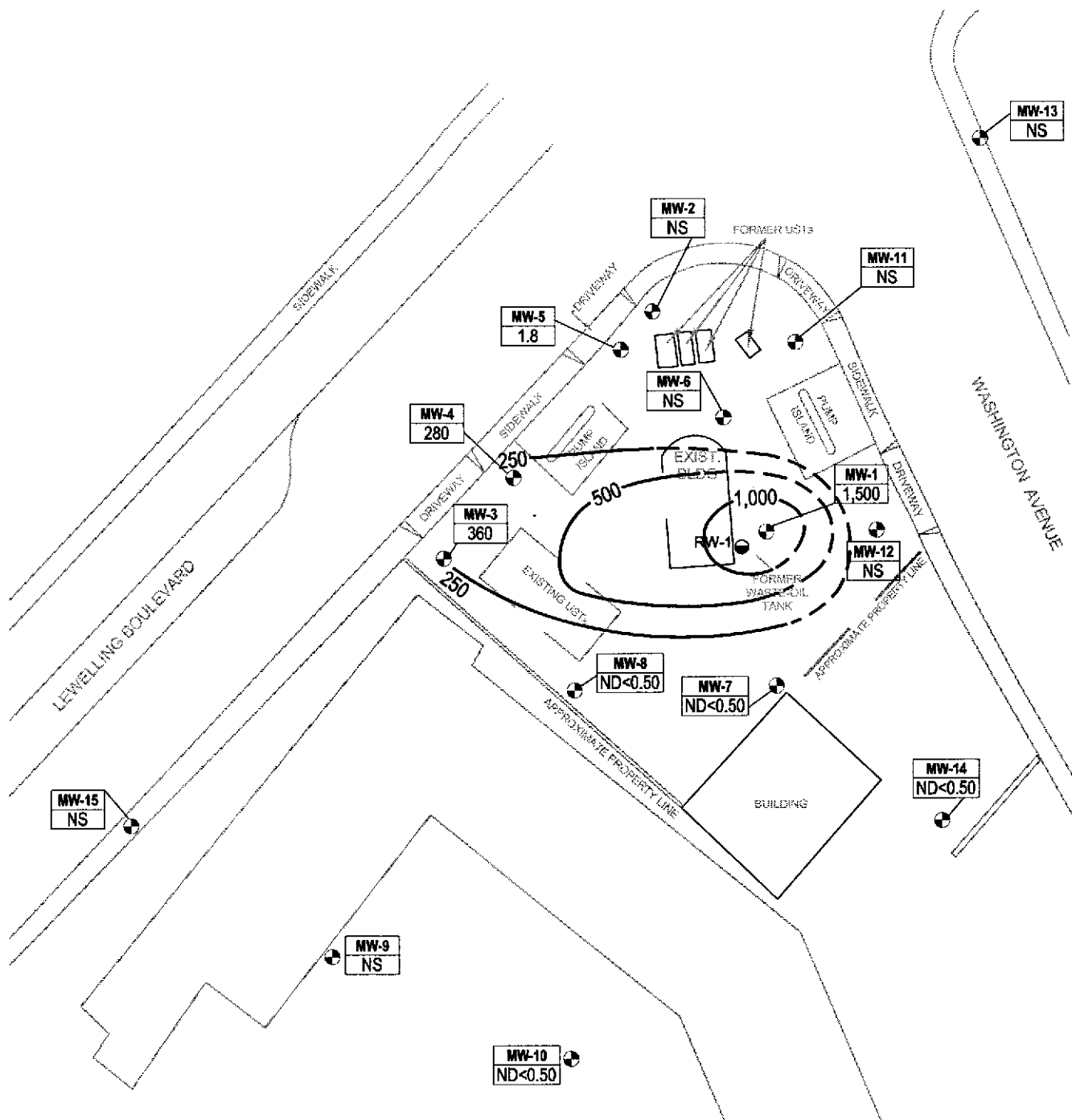
NOTE: SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

URS

Project No. 38486313
Arco Service Station 0601
712 Lewelling Boulevard
San Leandro, California

TPH-g ISOCONCENTRATION MAP
Third Quarter 2003 (August 7, 2003)

FIGURE
2



LEGEND

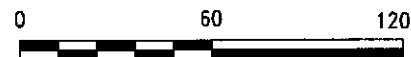
- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- BENZENE ISOCONCENTRATION CONTOUR (μg/L)
- | |
|---------|
| Well |
| Benzene |

 WELL DESIGNATION
- | |
|---------|
| Well |
| Benzene |

 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.

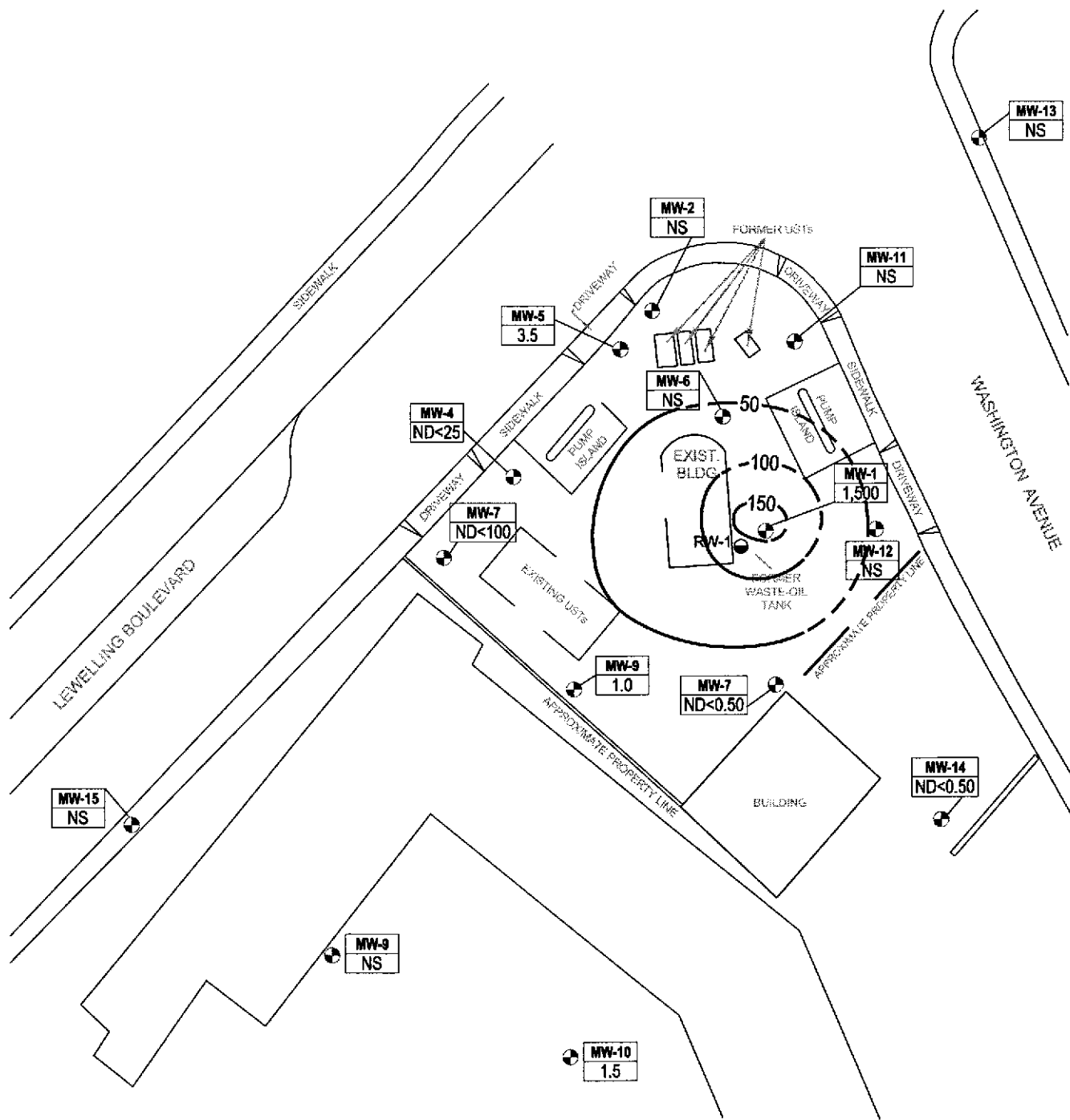
URS

Project No. 38486313
Arco Service Station 0601
712 Lewelling Boulevard
San Leandro, California

BENZENE ISOCONCENTRATION MAP
Third Quarter 2003 (August 7, 2003)

FIGURE

3

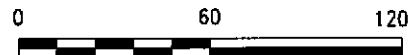


LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- MTBE ISOCONCENTRATION CONTOUR (µg/L)
- WELL DESIGNATION
- MTBE 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. 38486313
Arco Service Station 0601
712 Lewelling Boulevard
San Leandro, California

MTBE ISOCONCENTRATION MAP
Third Quarter 2003 (August 7, 2003)

FIGURE

4

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

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

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-1	08/23/99		8.56	10.63	26,000	1,700	52	1,600	1,500	ND<75	NA	NA	NA	0.72	NA
cont.	10/28/99		8.92	10.27	38,000	2,500	35	2,400	2,500	ND<200	NA	NA	NA	0.70	NA
	02/04/00		8.48	10.71	19,000	960	13	1,200	860	ND<60	NA	NA	NA	2.11	NA
	06/20/00		8.20	10.99	23,000	2,400	50	1,800	680	ND<200	NA	NA	NA	NA	NA
	09/29/00		8.55	10.64	23,600	2,880	ND<50	2,130	871	ND<250	NA	NA	430(a);1,100(b)	NA	NA
	12/17/00		8.28	10.91	21,600	1,980	ND<50	1,610	664	ND<250	NA	NA	270(a);900(b)	NA	NA
	03/28/01		8.13	11.06	19,800	2,310	ND<100	2,010	517	ND<500	NA	NA	11(c)	NA	NA
	06/20/01		8.60	10.59	17,000	2,200	23	1,800	320	100	NA	NA	NA	NA	NA
	09/22/01		9.03	10.16	20,000	2,900	ND<200	2,500	270	ND<1000	NA	NA	360(a); 980(b)	NA	NA
	12/27/01		7.93	11.26	15,000	2,000	ND<50	1,700	140	290	NA	NA	370(a);1,200(b)	NA	NA
	03/15/02		7.89	11.30	12,000	1,800	ND<50	1,400	79	ND<250	NA	NA	220(a); 880(b)	NA	NA
	04/18/02		7.05	12.14	16,000	3,000	180	2,600	320	ND<250	NA	NA	250(a); 880(b)	1.26	NA
	07/23/02	NP	8.7	10.49	14,000(e)	3,200	ND<50	2,100	ND<50	ND<250	NA	NA	470(a);1,100(b)	0.9	6.8
	10/16/02	NP	9.12	10.07	14,000(d)	2,100	ND<25	2,000	31	ND<120	NA	NA	490(a);1,500(b)	0.8	7.1
	01/23/03(g)	NP	7.45	11.74	6,000	680	ND<50	800	ND<50	ND<50	NA	NA	250(a);800(b);75(f)	0.9	6.8
	04/07/03	NP	7.68	11.51	6,400	940	6.6	810	11	69	NA	NA	260(a);700(b)	1.1	6.9
	08/07/03	NP sheen	8.75	10.44	12,000	1,500	27	1,700	42	160	NA	NA	360(a);1,100(b)	NA (k)	6.4

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-2	07/18/90	22.06	7.86	14.20	35,000	3,800	2,900	690	3,600	NA	NA	NA	NA	NA	NA
	10/15/90		8.61	13.45	6,400	650	290	110	560	NA	NA	NA	NA	NA	NA
	01/09/91		8.43	13.63	13,000	1,500	970	390	1,500	NA	NA	NA	NA	NA	NA
	04/16/91		6.97	15.09	54,000	5,200	9,000	1,500	7,700	NA	NA	NA	NA	NA	NA
	06/10/91	21.33	7.91	13.42	26,000	3,000	2,500	880	4,200	NA	NA	NA	NA	NA	NA
	10/10/91		8.82	12.51	10,000	1,600	910	280	1,400	NA	NA	NA	NA	NA	NA
	03/23/92		6.86	14.47	33,000	4,100	5,000	1,100	5,300	NA	NA	NA	NA	NA	NA
	06/08/92		7.95	13.38	18,000	1,200	980	330	1,800	NA	NA	NA	NA	NA	NA
	09/15/92		8.71	12.62	13,000	430	500	340	1,800	NA	NA	NA	NA	NA	NA
	11/16/92		7.93	13.40	13,000	900	940	300	1,400	NA	NA	NA	NA	NA	NA
	02/16/93		6.02	15.31	20,000	1,800	1,200	530	2,700	NA	NA	NA	NA	NA	NA
	05/13/93		6.99	14.34	13,000	1,000	470	370	1,900	NA	NA	NA	NA	NA	NA
	08/17/93		7.85	13.48	9,100	770	160	310	1,500	NA	NA	NA	NA	NA	NA
	11/08/93		8.12	13.21	9,200	380	62	130	630	NA	NA	NA	NA	NA	NA
	02/14/94		6.88	14.45	8,700	670	370	50	1,400	NA	NA	NA	NA	NA	NA
	05/05/94		7.51	13.82	5,600	390	140	120	480	NA	NA	NA	NA	NA	NA
	08/04/94		8.00	13.33	2,300	180	ND<2.5*	ND<2.5*	230	NA	NA	NA	NA	NA	NA
	11/20/94		6.86	14.47	4,900	170	150	120	390	NA	NA	NA	NA	NA	NA
	03/17/95		6.12	15.21	10,000	460	77	260	550	NA	NA	NA	NA	NA	NA
	06/01/95		6.56	14.77	13,000	400	78	210	410	NA	NA	NA	NA	NA	NA
	08/31/95		7.18	14.15	5,000	280	18	120	140	ND<50	NA	NA	NA	NA	NA
	11/27/95		7.39	13.94	3,200	230	12	77	90	NA	NA	NA	NA	NA	NA
	02/22/96		5.78	15.55	11,000	290	67	190	330	ND<50	NA	NA	NA	NA	NA
	05/20/96		6.27	15.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/26/96		7.30	14.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/20/96		7.28	14.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	03/24/97	21.12	7.11	14.01	4,800	570	6	71	32	67	NA	NA	NA	NA	NA
	05/23/97		7.44	13.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/19/97		7.64	13.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/19/97		7.70	13.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	02/19/98		5.22	15.90	2,000	160	50	66	230	25	NA	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	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-2	04/23/98		6.24	14.88	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
cont.	07/27/98		7.02	14.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	10/14/98		7.54	13.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	01/21/99		7.15	13.97	1,700	84	4	31	10	13	NA	NA	NA	0.5	NA
	05/06/99		6.95	14.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/23/99		7.49	13.63	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.68	NA
	10/28/99		7.92	13.20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	02/04/00		6.61	14.51	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	06/20/00		7.12	14.00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/29/00		7.60	13.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	12/17/00		7.42	13.70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	03/28/01		6.84	14.28	838	18.1	ND<5.0	7.63	5.98	39.5	NA	NA	NA	NA	NA
	06/20/01		7.66	13.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/22/01		8.08	13.04	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	12/27/01		6.48	14.64	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	03/15/02		6.84	14.28	100	ND<0.5	ND<0.5	2.5	ND<0.5	75	NA	NA	NA	NA	NA
	04/18/02		6.19	14.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	07/23/02		7.73	13.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/16/02		8.10	13.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/03(g) P		6.52	14.60	ND<5,000	ND<50	ND<50	ND<50	ND<50	95	NA	NA	NA	1.6	7.2
	04/07/03		7.22	13.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/07/03		7.84	13.28	NS	NS	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

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-3	07/18/90	20.84	7.03	13.81	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/15/90		8.19	12.65(i)	Not sampled: well contained 0.75 feet of floating product										
	01/09/91		7.46	13.38(i)	Not sampled: well contained 0.30 feet of floating product										
	04/16/91		7.95	12.89	Not sampled: well contained floating product sheen										
	06/10/91	20.11	7.14	12.97	Not sampled: well contained floating product sheen										
	10/10/91		7.82	12.29(i)	Not sampled: well contained 0.26 feet of floating product										
	03/23/92		5.75	14.36	Not sampled: well contained floating product sheen										
	06/08/92		7.52	12.59(i)	Not sampled: well contained 0.02 feet of floating product										
	09/15/92		8.01	12.10(i)	Not sampled: well contained 0.02 feet of floating product										
	11/16/92		7.11	13.00	Not sampled: well contained floating product sheen										
	02/16/93		5.93	14.18(i)	Not sampled: well contained 0.01 feet of floating product										
	05/13/93		6.37	13.74(i)	Not sampled: well contained 0.01 feet of floating product										
	08/17/93		7.00	13.11(i)	Not sampled: well contained 0.01 feet of floating product										
	11/08/93		7.31	12.80	430,000	4,100	14,000	6,400	37,000	NA	NA	NA	NA	NA	NA
	02/14/94		5.81	14.30	85,000	4,200	12,000	2,500	16,000	NA	NA	NA	NA	NA	NA
	05/05/94		6.81	13.30	560,000	4,600	14,000	5,300	40,000	NA	NA	NA	NA	NA	NA
	08/04/94		7.31	12.80	64,000	4,200	7,600	1,700	12,000	NA	NA	NA	NA	NA	NA
	11/20/94		5.88	14.23	80,000	4,700	9,700	2,400	15,000	NA	NA	NA	NA	NA	NA
	03/17/95		5.46	14.65	370,000	4,800	12,000	5,800	34,000	NA	NA	NA	NA	NA	NA
	06/01/95		6.34	13.77	270,000	6,000	11,000	5,200	28,000	NA	NA	NA	NA	NA	NA
	08/31/95		6.60	13.52(i)	Not sampled: well contained 0.02 feet of floating product										
	11/27/95		6.76	13.35	150,000	5,100	8,800	3,900	21,000	NA	NA	NA	NA	NA	NA
	02/22/96		5.14	14.97	150,000	4,400	7,600	4,100	22,000	ND<3,000	NA	NA	NA	NA	NA
	05/20/96		5.17	14.94	410,000	4,700	8,000	6,300	36,000	ND<3,000	NA	NA	NA	NA	NA
	08/26/96		7.04	13.07	260,000	4,000	6,100	4,200	24,000	ND<2,000	NA	NA	NA	NA	NA
	11/20/96		6.26	13.85	190,000	3,200	5,800	3,300	20,000	ND<1,000	NA	NA	NA	NA	NA
	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	NA	NA
	05/23/97		6.98	16.01	130,000	2,100	4,300	3,500	19,000	ND<700	NA	NA	NA	NA	NA
	08/19/97		7.25	15.74	100,000	2,000	3,200	ND<100	19,000	ND<600	NA	NA	NA	NA	NA
	11/19/97		7.25	15.74	93,000	1,700	2,400	2,800	16,000	ND<600	NA	NA	NA	NA	NA
	02/19/98		5.24	17.75	80,000	620	1,200	2,500	13,000	ND<600	NA	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	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-3	04/23/98		6.60	16.39	130,000	1,500	2,400	3,500	18,000	ND<600	NA	NA	NA	3.5	NA
cont.	07/27/98		7.00	15.99	140,000	920	1,500	2,400	13,000	ND<600	NA	NA	NA	1.0	NA
	10/14/98		7.04	15.95	300,000	1,200	2,400	5,700	32,000	970	NA	NA	NA	1.0	NA
	01/21/99		6.50	16.49	120,000	860	1,500	2,600	14,000	ND<600	NA	NA	NA	0.5	NA
	05/06/99		6.90	16.09	49,000	670	1,400	2,500	11,000	170	NA	NA	NA	1.03	NA
	08/23/99		6.53	16.46	51,000	440	930	2,200	9,200	ND<150	NA	NA	NA	0.67	NA
	10/28/99		7.50	15.49	1,400,000	830	4,100	15,000	78,000	ND<5,000	NA	NA	NA	0.77	NA
	02/04/00		6.21	16.78	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	650	NA	NA	NA	1.61	NA
	06/20/00		6.22	16.77	45,000	670	990	2,400	12,000	ND<500	NA	NA	NA	NA	NA
	09/29/00		7.20	15.79	51,000	860	1,120	2,720	12,900	ND<250	NA	NA	NA	NA	NA
	12/17/00		NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	03/28/01		6.10	16.89	43,500	804	ND<200	250	11,000	ND<1,000	NA	NA	NA	NA	NA
	06/20/01		6.14	16.85	62,000	1,000	850	2,800	13,000	ND<2,500	NA	NA	NA	NA	NA
	09/22/01		7.24	15.75	53,000	1,200	1,200	3,100	13,000	ND<1,000	NA	NA	NA	NA	NA
	12/27/01		7.00	15.99	44,000	860	840	2,300	10,000	ND<250	NA	NA	NA	NA	NA
	03/15/02		7.02	15.97	43,000	1,000	810	2,300	11,000	ND<250	NA	NA	NA	NA	NA
	04/18/02		NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	07/23/02	P	7.22	15.77	45,000(d)	750	570	2,100	10,000	ND<250	NA	NA	NA	1.0	8.0
	10/16/02	P	7.54	15.45	42,000(d)	780	620	2,500	11,000	ND<250	NA	NA	NA	1.4	7.7
	01/23/03(g)	P	6.85	16.14	68,000	580	500	3,300	16,000	ND<100	NA	NA	NA	1.3	7.0
	04/07/03	P	7.05	15.94	48,000	620	450	2,200	11,000	ND<50	NA	NA	NA	1.4	6.9
	08/07/03	P	(m) 6.89	16.10	35,000	360	250	1,700	8,100	ND<100	NA	NA	NA	2.4	8.9

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-4	06/10/91	20.75	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	10/10/91		DRY	DRY	15,000	5,300	1,500	470	1,300	NA	NA	NA	NA	NA	NA
	03/23/92		DRY	DRY	24,000	5,600	4,000	580	3,100	NA	NA	NA	NA	NA	NA
	06/08/92		DRY	DRY	5,700	2,000	170	92	270	NA	NA	NA	NA	NA	NA
	09/15/92		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/16/92		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	02/16/93		7.10	13.65	12,000	920	1,100	130	750	NA	NA	NA	NA	NA	NA
	05/13/93		7.02	13.73	19,000	2,900	2,800	360	1,900	NA	NA	NA	NA	NA	NA
	08/17/93		7.85	12.90	8,100	1,600	1,300	170	730	NA	NA	NA	NA	NA	NA
	11/08/93		DRY	DRY	2,000	540	110	10	240	NA	NA	NA	NA	NA	NA
	02/14/94		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	05/05/94		7.73	13.02	1,900	510	78	31	150	NA	NA	NA	NA	NA	NA
	08/04/94		7.83	12.92	1,300	360	17	ND<5*	190	NA	NA	NA	NA	NA	NA
	11/20/94		7.73	13.02	ND<50	2.9	0.5	ND<0.5	1.4	NA	NA	NA	NA	NA	NA
	03/17/95		6.65	14.10	16,000	1,800	970	310	2,500	NA	NA	NA	NA	NA	NA
	06/01/95		7.25	13.50	16,000	2,800	870	380	2,700	NA	NA	NA	NA	NA	NA
	08/31/95		7.75	13.00	9,000	2,000	270	270	1,400	ND<100	NA	NA	NA	NA	NA
	11/27/95		7.87	12.88	3,800	890	130	130	550	NA	NA	NA	NA	NA	NA
	02/22/96		7.29	13.46	940	150	82	19	130	ND<20	NA	NA	NA	NA	NA
	05/20/96		7.30	13.45	6,700	1,100	330	120	1,100	ND<100	NA	NA	NA	NA	NA
	08/26/96		7.57	13.18	14,000	2,400	510	350	2,100	ND<100	NA	NA	NA	NA	NA
	11/20/96		7.89	12.86	420	55	17	11	62	ND<3	NA	NA	NA	NA	NA
	03/24/97	22.38	6.90	15.48	6,800	620	150	81	1,300	ND<50	NA	NA	NA	NA	NA
	05/23/97		7.80	14.58	9,000	1,300	240	200	1,600	ND<60	NA	NA	NA	NA	NA
	08/19/97		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/19/97		DRY	DRY	3700 ^j	600	93	120	710	ND<60	NA	NA	NA	NA	NA
	02/19/98		6.78	15.60	1,800	93	51	29	420	110	NA	NA	NA	NA	NA
	04/23/98		6.47	15.91	6,500	700	110	180	1,300	93	NA	NA	NA	0.5	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-4	07/27/98		7.22	15.16	10,000	1,400	140	290	1,900	ND<120	NA	NA	NA	1.5	NA
cont.	10/14/98		7.60	14.78	6,500	900	63	200	1,200	63	NA	NA	NA	1.0	NA
	01/21/99		7.43	14.95	1,700	140	22	56	320	13	NA	NA	NA	0.5	NA
	05/06/99		6.55	15.83	3,300	250	36	73	890	41	NA	NA	NA	1.28	NA
	08/23/99		7.16	15.22	7,400	500	73	230	1,700	57	NA	NA	NA	0.89	NA
	10/28/99		8.28	14.10	370	41	5.7	14	52	16	NA	NA	NA	0.92	NA
	02/04/00		8.23	14.15	310	33	7.5	11	65	8	NA	NA	NA	2.43	NA
	06/20/00		6.46	15.92	2,700	210	20	94	520	46	NA	NA	NA	NA	NA
	09/29/00		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	12/17/00		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	03/28/01		7.49	14.89	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	06/20/01		7.21	15.17	13,000	690	170	330	1,400	110	NA	NA	NA	NA	NA
	09/22/01		7.43	14.95	6,700	650	110	410	1,800	100	NA	NA	NA	NA	NA
	12/27/01		7.32	15.06	1,200	47	15	46	250	15	NA	NA	NA	NA	NA
	03/15/02		7.43	14.95	490	34	7.4	26	110	12	NA	NA	NA	NA	NA
	04/18/02		7	15.38	ND<50	0.57	0.83	ND<0.5	1.1	3.7	NA	NA	NA	NA	NA
	07/23/02	NP	7.70	14.68	820(d)	80	12	23	190	41	NA	NA	NA	2.2	7.3
	10/16/02	NP	7.75	14.63	2,000(d)	220	25	140	570	ND<25	NA	NA	NA	1.8	7.6
	01/23/03(g)	NP	7.11	15.27	ND<250	ND<2.5	ND<2.5	ND<2.5	8.8	5.9	NA	NA	NA	1.7	7.0
	04/07/03	NP	7.19	15.19	310	24	2.4	15	62	9.2	NA	NA	NA	1.1	7.1
	08/07/03	NP	(m) 7.45	14.93	3,000	280	ND<25	150	700	ND<25	NA	NA	NA	1.2	6.8

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-5	06/10/91	20.90	7.58	13.32	100,000	25,000	20,000	2,600	12,000	NA	NA	NA	NA	NA	NA
	10/10/91		8.51	12.39	Not sampled: well contained floating product sheen										
	03/23/92		6.06	14.84	150,000	24,000	31,000	4,400	23,000	NA	NA	NA	NA	NA	NA
	06/08/92		7.66	13.24	120,000	17,000	13,000	2,400	11,000	NA	NA	NA	NA	NA	NA
	09/15/92		8.40	12.50	Not sampled: floating product entered well during purging										
	11/16/92		7.70	13.20	110,000	16,000	16,000	3,200	18,000	NA	NA	NA	NA	NA	NA
	02/16/93		5.64	15.26	150,000	12,000	15,000	3,000	17,000	NA	NA	NA	NA	NA	NA
	05/13/93		6.68	14.22	Not sampled: floating product entered well during purging										
	08/17/93		7.49	13.41	87,000	15,000	8,500	1,900	11,000	NA	NA	NA	NA	NA	NA
	11/08/93		7.93	12.97	87,000	12,000	8,300	2,000	12,000	NA	NA	NA	NA	NA	NA
	02/14/94		6.49	14.41	46,000	7,300	5,300	940	5,200	NA	NA	NA	NA	NA	NA
	05/05/94		7.18	13.72	54,000	9,700	4,700	1,000	6,400	NA	NA	NA	NA	NA	NA
	08/04/94		7.83	13.07	57,000	14,000	3,200	1,200	7,200	NA	NA	NA	NA	NA	NA
	11/20/94		6.34	14.56	33,000	5,700	1,800	720	4,700	NA	NA	NA	NA	NA	NA
	03/17/95		5.51	15.39	48,000	6,400	2,000	740	5,100	NA	NA	NA	NA	NA	NA
	06/01/95		6.55	14.35	76,000	11,000	5,400	1,400	7,700	NA	NA	NA	NA	NA	NA
	08/31/95		6.80	14.10	53,000	12,000	1,600	1,000	6,000	ND<500	NA	NA	NA	NA	NA
	11/27/95		7.13	13.77	43,000	7,900	3,300	950	4,900	NA	NA	NA	NA	NA	NA
	02/22/96		5.12	15.78	52,000	9,100	3,300	940	5,000	ND<500	NA	NA	NA	NA	NA
	05/20/96		5.87	15.03	55,000	9,300	3,800	1,100	5,400	ND<500	NA	NA	NA	NA	NA
	08/26/96		7.15	13.75	47,000	5,300	2,100	780	3,200	ND<300	NA	NA	NA	NA	NA
	11/20/96		6.88	14.02	53,000	8,700	5,700	920	4,400	ND<500	NA	NA	NA	NA	NA
	03/24/97	22.45	7.13	15.32	39,000	8,200	3,200	720	3,100	ND<500	NA	NA	NA	NA	NA
	05/23/97		7.42	15.03	29,000	6,600	1,700	400	1,500	ND<600	NA	NA	NA	NA	NA
	08/19/97		7.58	14.87	16,000	4,600	790	ND<50	1,300	ND<300	NA	NA	NA	NA	NA
	11/19/97		7.58	14.87	22,000	5,800	1,300	380	1,300	ND<300	NA	NA	NA	NA	NA
	02/19/98		4.65	17.80	40,000	5,100	3,800	620	2,900	ND<300	NA	NA	NA	NA	NA
	04/23/98		6.25	16.20	45,000	8,000	4,000	970	4,200	ND<600	NA	NA	NA	1.5	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-5 cont.	07/27/98		6.71	15.74	30,000	8,000	2,000	590	1,900	ND<600	NA	NA	NA	1.5	NA
	10/14/98		7.19	15.26	33,000	7,400	1,900	550	1,700	ND<300	NA	NA	NA	1.5	NA
	01/21/99		7.03	15.42	34,000	6,200	2,600	630	2,300	ND<600	NA	NA	NA	2.5	NA
	05/06/99		7.02	15.43	7,900	2,400	200	240	580	12	NA	NA	NA	1.07	NA
	08/23/99		7.04	15.41	25,000	5,800	2,300	570	2,000	67	NA	NA	NA	1.04	NA
	10/28/99		7.90	14.55	20,000	5,900	1,100	450	1,100	ND<250	NA	NA	NA	0.87	NA
	02/04/00		6.71	15.74	32,000	2,500	3,800	770	4,200	ND<75	NA	NA	NA	2.33	NA
	06/20/00		6.78	15.67	10,000	3,000	650	260	700	ND<200	NA	NA	NA	NA	NA
	09/29/00		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	12/17/00		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	03/28/01		6.48	15.97	23,400	4,160	3,450	728	3,090	ND<250	NA	NA	NA	NA	NA
	06/20/01		7.26	15.19	120,000	1,200	49	190	540	ND<100	NA	NA	NA	NA	NA
	09/22/01		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	12/27/01		6.56	15.89	16,000	1,500	2,700	730	3,200	ND<250	NA	NA	NA	NA	NA
	03/15/02		6.9	15.55	20,000	2,600	3,300	1,000	4,000	ND<250	NA	NA	NA	NA	NA
	04/18/02		6.17	16.28	17,000	3,200	2,900	790	3,000	ND<250	NA	NA	NA	NA	NA
	07/23/02	NP	7.36	15.09	4,600(d)	1,400	30	160	470	110	NA	NA	NA	1.7	7.5
	10/16/02	NP	7.66	14.79	5,400(d)	1,300	ND<20	62	150	ND<100	NA	NA	NA	1.1	7.5
	01/23/03(g)	NP	6.28	16.17	ND<5,000	110	ND<50	ND<50	98	ND<50	NA	NA	NA	1.1	7.6
	04/07/03	NP	7.21	15.24	1,600	310	18	36	62	32	NA	NA	NA	1.5	7.2
	08/07/03	NP	(m) 7.46	14.99	ND<50	1.8	ND<0.50	ND<0.50	ND<0.50	3.5	NA	NA	NA	12.2	9.0

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-6	06/10/91	22.08	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	10/10/91		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	03/23/92		7.45	14.63	75,000	19,000	10,000	1,600	8,600	NA	NA	NA	NA	NA	NA
	06/08/92		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/15/92		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/16/92		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	02/16/93		6.79	15.29	65,000	14,000	3,500	1,300	6,100	NA	NA	NA	NA	NA	NA
	05/13/93		7.73	14.35	36,000	8,200	870	1,000	5,200	NA	NA	NA	NA	NA	NA
	08/17/93		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NS	NA	NA
	11/08/93		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NS	NA	NA
	02/14/94		7.78	14.30	47,000	14,000	390	1,000	5,100	NA	NA	NA	NA	NA	NA
	05/05/94		8.24	13.84	45,000	14,000	ND<200*	1,300	4,500	NA	NA	NA	NA	NA	NA
	08/04/94		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NA	NS	NA	NA
	11/20/94		7.41	14.67	30,000	11,000	ND<100*	1,200	2,300	NA	NA	NA	NA	NA	NA
	03/17/95		6.66	15.42	45,000	9,300	ND<100*	1,900	3,600	NA	NA	NA	NA	NA	NA
	06/01/95		7.60	14.48	23,000	5,600	ND<50	1,300	1,900	NA	NA	NA	NA	NA	NA
	08/31/95		7.92	14.16	26,000	8,000	ND<100	1,900	900	ND<500	NA	NA	NA	NA	NA
	11/27/95		8.21	13.87	6,700	1,800	ND<20	480	230	NA	NA	NA	NA	NA	NA
	02/22/96		6.21	15.87	17,000	3,100	69	810	1,500	ND<300	NA	NA	NA	NA	NA
	05/20/96		7.07	15.01	16,000	3,700	ND<50	1,100	1,100	ND<300	NA	NA	NA	NA	NA
	08/26/96		7.93	14.15	23,000	5,800	ND<50	2,000	560	ND<300	NA	NA	NA	NA	NA
	11/20/96		8.02	14.06	11,000	3,300	ND<50(j)	480	370	ND<300	NA	NA	NA	NA	NA
	03/24/97	22.77	7.95	14.82	9,700	1,900	ND<20	800	270	ND<100	NA	NA	NA	NA	NA
	05/23/97		8.17	14.60	16,000	4,300	ND<50	1,400	180	ND<300	NA	NA	NA	NA	NA
	08/19/97		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/19/97		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	02/19/98		5.78	16.99	2,600	540	8	90	88	ND<30	NA	NA	NA	NA	NA
	04/23/98		6.83	15.94	7,600	1,300	13	520	190	ND<60	NA	NA	NA	0.5	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-6	07/27/98		7.80	14.97	15,000	3,600	ND<25	1,100	230	ND<150	NA	NA	NA	1.0	NA
cont.	10/14/98		8.31	14.46	8,700	2,400	ND<20	220	36	ND<120	NA	NA	NA	2.0	NA
	01/21/99		7.90	14.87	4,800	1,100	ND<25	340	79	ND<150	NA	NA	NA	2.0	NA
	05/06/99		7.70	15.07	1,300	240	2.3	85	19	5	NA	NA	NA	1.18	NA
	08/23/99		8.24	14.53	4,200	970	12	110	29	ND<15	NA	NA	NA	0.9	NA
	10/28/99		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	02/04/00		7.31	15.46	110	ND<0.5	0.6	1.5	1.9	11	NA	NA	NA	1.1	NA
	06/20/00	22.77	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/29/00		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	12/17/00		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	03/28/01		7.57	15.20	DRY	DRY	DRY	DRY	DRY	DRY	NS	NS	NA	NA	NA
	06/20/01		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/22/01		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	12/27/01		7.21	15.56	ND<50	3	1	1.1	2	ND<2.5	NA	NA	NA	NA	NA
	03/15/02		7.51	15.26	2,100	380	8.6	110	17	ND<25	NA	NA	NA	NA	NA
	04/18/02		6.89	15.88	2,200	440	12	96	14	52	NA	NA	NA	NA	NA
	07/23/02 NP		8.50	14.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/16/02		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/03(g) NP		8.05	14.72	ND<5,000	ND<50	ND<50	ND<50	ND<50	ND<50	NA	NA	NA	2.1	6.4
	01/23/03(g,h)		NA	NA	ND<250	58	ND<2.5	6.2	3.8	17	NA	NA	NA	2.1	NA
	04/07/03 NP		8.11	14.66	330	13	ND<0.50	2.7	8.6	15	NA	NA	NA	2.2	6.9
	08/07/03 NP		DRY	DRY	NS	NS	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

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-7	06/10/91	22.89	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	10/10/91		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	03/23/92		8.20	14.69	270	10	0.5	3	13	NA	NA	NA	NA	NA	NA
	06/08/92		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/15/92		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/16/92		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	02/16/93		7.84	15.05	120	3.6	ND<0.5	ND<0.5	1.2	NA	NA	NA	NA	NA	NA
	05/13/93		8.56	14.33	ND<50	0.8	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA
	08/17/93		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/08/93		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	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	NA	NA
	08/04/94		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	11/27/95		9.15	13.74	ND<50	ND<0.5	ND<0.5	0.9	ND<0.5	NA	NA	NA	NA	NA	NA
	02/22/96		7.44	15.45	110	1.4	ND<0.5	3.8	3.0	ND<3	NA	NA	NA	NA	NA
	05/20/96		8.47	14.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/26/96		8.81	14.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/20/96		9.17	13.72	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	05/23/97		9.26	13.63	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/19/97		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/19/97		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	04/23/98		7.44	15.45	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	NA	NA	0.5	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
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	NA	NA	1.5	NA
cont.	10/14/98		9.22	13.67	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	NA	NA	1.5	NA
	01/21/99		9.07	13.82	52	ND<0.5	ND<0.5	ND<0.5	0.27	ND<3	NA	NA	NA	3	NA
	05/06/99		8.32	14.57	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	NA	NA	0.83	NA
	08/23/99		9.25	13.64	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	NA	NA	1.42	NA
	10/28/99		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	02/04/00		8.79	14.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	NA	NA	NA	4.46	NA
	06/20/00		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/29/00		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	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	NA	NA
	06/20/01		DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	NA	NA
	09/22/01		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	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	NA	NA
	03/15/02		8.54	14.35	ND<50	1.3	2.6	1.1	5.4	ND<2.5	NA	NA	NA	NA	NA
	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	NA	NA	3.32	NA
	07/23/02	NP	9.51	13.38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/16/02		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/03(g)	NP	8.04	14.85	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	5.4	6.7
	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	NA	NA	5.1	6.9
	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	NA	NA	4.5	6.9

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-8	06/10/91	20.97	7.80	13.17	5,800	73	7.2	150	21	NA	NA	NA	NA	NA	NA
	10/10/91		8.87	12.10	2,800	31	6.1	4.5	3.9	NA	NA	NA	NA	NA	NA
	03/23/92		5.81	15.16	8,000	18	ND<5*	320	42	NA	NA	NA	NA	NA	NA
	06/08/92		8.01	12.96	4,000	ND<10*	ND<10*	110	ND<10*	NA	NA	NA	NA	NA	NA
	09/15/92		8.80	12.17	4,200	6.4	ND<5*	120	ND<5*	NA	NA	NA	NA	NA	NA
	11/16/92		8.19	12.78	2,600	4	ND<2.5*	21	5.2	NA	NA	NA	NA	NA	NA
	02/16/93		5.84	15.13	8,700	ND<5*	ND<5*	200	ND<5*	NA	NA	NA	NA	NA	NA
	05/13/93		6.93	14.04	2,300	ND<5*	ND<5*	42	ND<5*	NA	NA	NA	NA	NA	NA
	08/17/93		7.87	13.10	1,700	1.8	ND<1.3*	16	1.2	NA	NA	NA	NA	NA	NA
	11/08/93		8.31	12.66	1,200	2.4	ND<1*	19	2.3	NA	NA	NA	NA	NA	NA
	02/14/94		7.00	13.97	3,600	3	ND<1*	72	ND<1*	NA	NA	NA	NA	NA	NA
	05/05/94		7.46	13.51	2,100	ND<2.5*	ND<2.5*	8.3	ND<2.5*	NA	NA	NA	NA	NA	NA
	08/04/94		8.17	12.80	1,200	1.5	ND<1*	6.7	ND<1*	NA	NA	NA	NA	NA	NA
	11/20/94		6.78	14.19	2,300	1.2	1.1	20	2.2	NA	NA	NA	NA	NA	NA
	03/17/95		6.14	14.83	5,400	ND<5*	ND<5*	35	ND<5*	NA	NA	NA	NA	NA	NA
	06/01/95		6.50	14.47	2,600	ND<2.5	ND<2.5	15	ND<2.5	NA	NA	NA	NA	NA	NA
	08/31/95		7.35	13.62	1,400	ND<3	ND<3	5	ND<3	520	900	NA	NA	NA	NA
	11/27/95		7.60	13.37	620	ND<0.5	ND<0.5	ND<0.5	0.5	560	900	510(j)	NA	NA	NA
	02/22/96		5.35	15.62	5,800	ND<5	ND<5	28	ND<5	110	1,900	6,800(j)	NA	NA	NA
	05/20/96		5.92	15.05	6,100	ND<5	ND<5	26	ND<5	240	NA	NA	NA	NA	NA
	08/26/96		7.08	13.89	970	ND<1	ND<1	3	ND<1	710	NA	NA	NA	NA	NA
	11/20/96		7.01	13.96	3,900	ND<2.5	ND<2.5	12	ND<2.5	930	NA	NA	NA	NA	NA
	03/24/97	20.89	7.33	13.56	1,400	ND<10	ND<10	ND<10	12	1,300	NA	NA	NA	NA	NA
	05/23/97		7.55	13.34	730	ND<5	ND<5	ND<5	ND<5	630	NA	NA	NA	NA	NA
	08/19/97		7.87	13.02	ND<500	ND<5	ND<5	ND<5	ND<5	290	NA	NA	NA	NA	NA
	11/19/97		7.87	13.02	ND<200	ND<2	ND<2	ND<2	ND<2	260	NA	NA	NA	NA	NA
	02/19/98		4.46	16.43	2,000	ND<2	ND<2	9	ND<2	140	NA	NA	NA	NA	NA
	04/23/98		6.35	14.54	4,500	ND<5	ND<5	ND<5	11	590	NA	NA	NA	0.5	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-8	07/27/98		7.43	13.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
cont.	10/14/98		7.79	13.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	01/21/99		6.54	14.35	2,000	ND<2	ND<2	3	ND<2	320	NA	NA	NA	2.5	NA
	05/06/99		7.30	13.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	160	NA	NA	NA	12.76	NA
	08/23/99		7.45	13.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5	NA	NA	NA	7.85	NA
	10/28/99		8.22	12.67	160	ND<0.5	ND<0.5	ND<0.5	ND<1	45	NA	NA	NA	0.84	NA
	02/04/00		8.47	12.42	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	NA	NA	NA	1.92	NA
	06/20/00		7.23	13.66	150	ND<0.5	0.9	ND<0.5	ND<1.0	310	NA	NA	NA	NA	NA
	09/29/00		7.91	12.98	149	ND<0.5	ND<0.5	ND<0.5	ND<0.5	438	NA	NA	NA	NA	NA
	12/17/00		7.11	13.78	662	ND<5.0	ND<5.0	ND<5.0	ND<5.0	273	NA	NA	NA	NA	NA
	03/28/01		6.88	14.01	840	ND<5.0	ND<5.0	ND<5.0	ND<5.0	320	NA	NA	NA	NA	NA
	06/20/01		7.25	13.64	230	ND<0.5	ND<0.5	ND<0.5	0.65	330	NA	NA	NA	NA	NA
	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	NA	NA
	12/27/01		6.73	14.16	780	ND<0.5	ND<0.5	0.6	0.89	160	NA	NA	NA	NA	NA
	03/15/02		6.94	13.95	1,100	ND<10	ND<10	ND<10	ND<10	830	NA	NA	NA	NA	NA
	04/18/02		NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA	4.5	7.7
	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	NA	NA	4.2	7.5
	01/23/03(g)	NP	6.47	14.42	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.6	NA	NA	NA	4.0	7.5
	04/07/03	NP	7.49	13.40	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19	NA	NA	NA	4.7	7.5
	08/07/03	NP	(m) 7.93	12.96	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.96	NA	NA	NA	14.8	8.3

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-9	06/11/93	20.89	8.15	12.74	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	05/20/96		7.81	13.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	11/20/96		7.06	13.83	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	05/23/97		8.28	13.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	11/19/97		8.32	13.94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	04/23/98		8.18	14.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	07/27/98		7.97	14.29	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA	3.6	NA
	10/14/98		8.29	13.97	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA	2.5	NA
	01/21/99		7.63	14.63	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA	1.5	NA
	05/06/99		7.27	14.99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	08/23/99		8.24	14.02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA	1.93	NA
	10/28/99		8.63	13.63	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	02/04/00		8.01	14.25	ND<50	ND<0.50	1.6	ND<0.50	ND<1	ND<3	NA	NA	NA	1.47	NA
	06/20/00		8.01	14.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	12/17/00		7.84	14.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
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	NA	NA
cont.	06/20/01		7.75	14.51	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	12/27/01		7.15	15.11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	04/18/02		6.79	15.47	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA	1.4	7.2
	10/16/02		8.64	13.62	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/03(g)	P	7.35	14.91	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.2	NA	NA	NA	3.0	7.2
	04/07/03		7.81	14.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/07/03		8.31	13.95	NS	NS	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

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-10	06/11/93	21.12	8.14	12.98	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	NA	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	05/20/96		6.78	14.34	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	11/20/96		7.81	13.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	05/23/97		8.33	13.00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	04/23/98		6.28	15.05	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA	0.5	NA
	07/27/98		7.97	13.36	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA	3.3	NA
	10/14/98		8.41	12.92	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA	1.0	NA
	01/21/99		6.65	14.68	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA	0.5	NA
	05/06/99		7.74	13.59	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA	0.76	NA
	08/23/99		8.37	12.96	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA	1.21	NA
	10/28/99		8.73	12.60	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA	1.12	NA
	02/04/00		8.78	12.55	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<3	NA	NA	NA	2.84	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
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	NA	NA
cont.	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	04/18/02		6.77	14.56	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	3.8	NA	NA	NA	1.22	NA
	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	NA	NA	1.0	7.2
	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	NA	NA	1.0	6.4
	01/23/03(g) NP		7.12	14.21	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.4	NA	NA	NA	1.3	7.4
	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	NA	NA	1.3	7.0
	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	NA	NA	1.3	7.3

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-11	11/16/92	22.38	9.02	13.36	7,000	21	ND<10*	18	230	NA	NA	NA	NA	NA	NA
	02/16/93		7.11	15.27	2,200	ND<10*	ND<10*	11	ND<10*	NA	NA	NA	NA	NA	NA
	05/13/93		8.04	14.34	1,600	ND<2.5*	ND<2.5*	41	6.8	NA	NA	NA	NA	NA	NA
	08/17/93		8.78	13.60	830	1.4	ND<1.0*	25	15	NA	NA	NA	NA	NA	NA
	11/08/93		9.23	13.15	370	ND<1.0*	ND<1.0*	2.5	2.1	NA	NA	NA	NA	NA	NA
	02/14/94		7.94	14.44	650	ND<1*	ND<1.0*	2	4	NA	NA	NA	NA	NA	NA
	05/05/94		8.55	13.83	210	ND<0.5	ND<0.5	2.5	0.6	NA	NA	NA	NA	NA	NA
	08/04/94		9.13	13.25	390	ND<0.5	ND<0.7*	1.9	2.2	NA	NA	NA	NA	NA	NA
	11/20/94		7.73	14.65	1,300	1.3	0.5	1.5	21	NA	NA	NA	NA	NA	NA
	03/17/95		6.94	15.44	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA
	06/01/95		7.90	14.48	210	ND<0.5	ND<0.5	0.9	0.7	NA	NA	NA	NA	NA	NA
	08/31/95		8.18	14.20	680	ND<0.5	ND<0.5	4	1.8	ND<3	NA	NA	NA	NA	NA
	11/27/95		8.48	13.90	340	ND<0.5	ND<0.5	2.2	1.6	NA	NA	NA	NA	NA	NA
	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	NA	NA
	05/20/96		7.25	15.13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/26/96		8.22	14.16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/20/96		8.37	14.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	05/23/97		8.48	12.49	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/19/97		8.67	12.30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/19/97		8.67	12.30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	02/19/98		6.25	14.72	ND<50	ND<0.5	1.6	ND<0.5	1.8	7	NA	NA	NA	NA	NA
	04/23/98		7.23	13.74	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	07/27/98		8.05	12.92	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	10/14/98		8.58	12.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	01/21/99		8.25	12.72	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	NA	NA	NA	0.5	NA
	05/06/99		7.95	13.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/23/99		8.51	12.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.86	NA
	10/28/99		8.95	12.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
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	NA	NA	3.29	NA
cont.	06/20/00		8.18	12.79	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/29/00		8.60	12.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	12/17/00		8.48	12.49	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	06/20/01		8.48	12.49	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/22/01		9.11	11.86	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	12/27/01		7.50	13.47	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	04/18/02		7.22	13.75	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	07/23/02		8.76	12.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/16/02		9.15	11.82	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/03(g) P		7.61	13.36	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	2.4	7.4
	04/07/03		8.25	12.72	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/07/03		8.84	12.13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Levee Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-12	11/16/92	22.77	9.65	13.12	ND<50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	06/01/95		8.40	14.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	11/27/95		8.95	13.82	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	05/20/96		7.56	15.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/26/96		8.63	14.14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/20/96		8.38	14.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	05/23/97		8.92	11.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/19/97		9.20	10.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/19/97		9.20	10.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	04/23/98		7.52	12.59	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	07/27/98		8.52	11.59	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	10/14/98		9.06	11.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	01/21/99		8.20	11.91	ND<50	ND<0.5	ND<0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA	1.5	NA
	05/06/99		8.47	11.64	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/23/99		9.04	11.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.85	NA
	10/28/99		9.40	10.71	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
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	NA	NA	3.34	NA
cont.	06/20/00		8.55	11.56	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/29/00		8.98	11.13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	12/17/00		8.76	11.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	06/20/01		9.10	11.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/22/01		9.48	10.63	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	12/27/01		7.78	12.33	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	04/18/02		7.65	12.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	07/23/02		9.18	10.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/16/02		9.51	10.60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/03		7.86	12.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	04/07/03		8.58	11.53	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/07/03		9.23	10.88	NS	NS	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

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-13	11/16/92	22.45	9.02	13.43	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	06/01/95		7.72	14.73	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/31/95		7.58	14.87	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/27/95		7.98	14.47	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	05/20/96		6.98	15.47	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/26/96		7.85	14.60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/20/96		7.76	14.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	05/23/97		8.16	12.59	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/19/97		8.40	12.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/19/97		8.40	12.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	04/23/98		6.80	13.95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	07/27/98		7.52	13.23	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA	1.5	NA
	10/14/98		8.15	12.60	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA	2.0	NA
	01/21/99		7.85	12.90	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA	1.5	NA
	05/06/99		7.82	12.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/23/99		8.29	12.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.94	NA
	10/28/99		8.55	12.20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-13	02/04/00		8.11	12.64	ND<50	ND< 0.5	0.6	ND< 0.5	ND<1	ND<3	NA	NA	NA	1.27	NA
cont.	06/20/00		7.56	13.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/29/00		8.27	12.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	12/17/00		8.09	12.66	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	06/20/01		8.46	12.29	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	09/22/01		8.57	12.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	12/27/01		7.14	13.61	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	04/18/02		6.91	13.84	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	07/23/02		8.50	12.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/16/02		8.74	12.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/03(g) P		7.35	13.40	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	3.4	7.0
	04/07/03		7.99	12.76	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/07/03		8.60	12.15	NS	NS	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

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-14	09/15/92	22.99	10.66	12.33	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	06/01/95		8.57	14.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/31/95		9.05	13.94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/27/95		9.19	13.80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	05/20/96		7.88	15.11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/26/96		8.83	14.16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/20/96		8.95	14.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	03/24/97	20.90	8.98	11.92	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	ND<3	NA	NA	NA	NA	NA
	05/23/97		9.61	11.29	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/19/97		9.80	11.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	11/19/97		9.80	11.10	ND<50	1.7	ND< 0.5	0.6	3	ND<3	NA	NA	NA	NA	NA
	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	NA	NA
	04/23/98		7.75	13.15	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	NA	NA	0.5	NA
	07/27/98		9.24	11.66	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	NA	NA	1	NA
	10/14/98		9.73	11.17	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	NA	NA	1	NA
	01/21/99		8.90	12.00	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	NA	NA	1.5	NA
	05/06/99		8.98	11.92	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	NA	NA	0.73	NA
	08/23/99		9.68	11.22	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.5	ND<3	NA	NA	NA	0.91	NA
	10/28/99		10.00	10.90	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<1	ND<10	NA	NA	NA	1.06	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-14	02/04/00		8.19	12.71	ND<50	ND< 0.5	0.5	ND< 0.5	ND<1	ND<3	NA	NA	NA	1.21	NA
cont.	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA	1.4	7.1
	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	NA	NA	1.1	5.8
	01/23/03(g)	NP	8.41	12.49	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA	NA	1.3	7.1
	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	NA	NA	1.4	6.9
	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	NA	NA	1.4	6.7

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
MW-15	05/13/93	19.19	5.91	13.28	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	NA	NA	NA	NA	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	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	NA	NA
	06/01/95		5.84	13.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	11/27/95		6.42	12.77	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	05/20/96		5.31	13.88	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	11/20/96		5.46	13.73	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	05/23/97		6.25	15.83	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	08/19/97		6.34	15.74	99(j)	ND< 0.5	ND< 0.5	ND< 0.5	0.7	6	NA	NA	NA	NA	NA
	11/19/97		6.34	15.74	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	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	NA	NA
	04/23/98		5.18	16.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	07/27/98		6.02	16.06	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	50	NA	NA	NA	1.0	NA
	10/14/98		6.26	15.82	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	27	NA	NA	NA	1.5	NA
	01/21/99		5.33	16.75	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	6	NA	NA	NA	1.0	NA
	05/06/99		5.82	16.26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	08/23/99		6.24	15.84	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<0.5	21	NA	NA	NA	1.14	NA
	10/28/99		6.60	15.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	02/04/00		7.02	15.06	ND<50	ND< 0.5	ND< 0.5	ND< 0.5	ND<1	ND<3	NA	NA	NA	1.09	NA
	06/20/00		5.98	16.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	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	NA	NA
	12/17/00		5.89	16.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 601
712 Lewelling Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TRPH (µg/L)	TPHD LUFT Method (µg/L)	Semi Volatiles (µg/L)	DO (l) (mg/L)	pH (l)
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	NA	NA
cont.	06/20/01		5.72	16.36	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	12/27/01		5.49	16.59	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA
	04/18/02		4.85	17.23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	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	NA	NA	2.0	7.9
	10/16/02		6.69	15.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	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	NA	NA	2.6	7.5
	04/07/03		5.94	16.14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/07/03		6.32	15.76	NS	NS	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

TPH	= Total Petroleum Hydrocarbons 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
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
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
*	= 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 Group Environmental Management Company and their previous consultants. URS has not verified the accuracy of this information.

Table 2
Groundwater Flow Direction and Gradient

ARCO Service Station # 601
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

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
MW-2	01/23/03	ND<4,000	ND<2,000	95	ND<50	ND<50	ND<50	ND<50	ND<50
	04/07/03	NS	NS	NS	NS	NS	NS	NS	NS
	08/07/03	NS	NS	NS	NS	NS	NS	NS	NS
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
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
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
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
	08/07/03	NS	NS	NS	NS	NS	NS	NS	NS
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
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
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
	04/07/03	NS	NS	NS	NS	NS	NS	NS	NS
	08/07/03	NS	NS	NS	NS	NS	NS	NS	NS
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

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
	04/07/03	NS	NS	NS	NS	NS	NS	NS	NS
	08/07/03	NS	NS	NS	NS	NS	NS	NS	NS
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
	04/07/03	NS	NS	NS	NS	NS	NS	NS	NS
	08/07/03	NS	NS	NS	NS	NS	NS	NS	NS
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
	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
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
	04/07/03	NS	NS	NS	NS	NS	NS	NS	NS
	08/07/03	NS	NS	NS	NS	NS	NS	NS	NS

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

(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
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											
	04/07/03	Not analyzed: sampling for additional parameters was discontinued											
	08/07/03	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)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	2-Methyl naphthalene (µg/L)	Bis (2-ethylhexyl) Phthalate (µg/L)	2,4-Di methyl-phenol (µg/L)	Phenol (µg/L)
MW-8 cont.	08/17/93	ND	ND	ND	NA	NA	NA	NA	26	ND	ND	ND	NA
	11/08/93	ND	ND	ND	NA	NA	NA	NA	20	ND	19	ND	NA
	02/14/94	NA	NA	NA	NA	NA	NA	NA	350	65	ND	ND	NA
	05/05/94	ND<0.5	ND<0.5	0.7	NA	NA	NA	NA	23	ND<10	ND<10	ND	NA
	08/04/94	NA	NA	NA	NA	NA	NA	NA	11	ND<10	10	ND	NA
	12/13/94	NA	NA	NA	NA	NA	NA	NA	14	ND<10	14	ND	NA
	03/17/95	Not Analyzed: well MW-1 was sampled for additional parameters in lieu of well MW-8											
	08/31/95	NA	NA	NA	NA	NA	NA	NA	62	8	ND<5	ND<5	ND<5
	11/27/95	NA	NA	NA	NA	NA	NA	NA	15	ND<5	ND<5	ND<5	ND<5
	03/14/96	NA	NA	NA	NA	NA	NA	NA	400	55	ND<50	ND<50	ND<50
	05/23/97	NA	NA	NA	NA	NA	NA	NA	26	ND<5	ND<5	ND<10	ND<5
	04/07/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/07/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

* 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.

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.

ATTACHMENT A
FIELD PROCEDURES AND FIELD DATA SHEETS

WELL GAUGING DATA

Project # 030807-BA2 Date 8/7/03 Client Arco 601

Site 712 LEWELING 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	
7'	MW-1	4					8.75	11.85	TOC	
60	MW-2	4					7.84	12.20		
8'	MW-3	4					6.89*	11.85		ORLs
NP	MW-4	4					7.45*	8.43		ORLs
NP	MW-5	4					7.46*	10.04		ORLs
NP	MW-6	4					DRY	8.57 8.54		
NP	MW-7	4					9.01	9.58		
NP	MW-8	4					7.93*	10.11		ORLs
60	MW-9	2					8.31	15.88		
NP	MW-10	2					8.45	18.67		
60	MW-11	4					8.84	11.80		
60	MW-12	4					9.23	11.54		
60	MW-13	2					8.60	12.92		
7.5'	MW-14	2					9.81	12.95		
60	MW-15	2					6.32	10.03		
	* gauged w/ ORLs in well									

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030807-BA2	Station # 601
Sampler: Brian Alcorn	Date: 8/7/03
Well I.D.: MW-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 11.05	Depth to Water: 8.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

Purge Method: Bailer Sampling Method: Bailer
 Disposable Bailer Disposable Bailer
 Middleburg Extraction Port
 Electric Submersible
 Extraction Pump
 Other: _____

Top of Screen: 7' If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

No
Purge

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

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
1225	73.6	6.4	1,844	—	strong light-med. clear, debris, odor, sheen

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Time: 1225 Sampling Date: 8/7/03

Sample I.D.: MW-1 Laboratory: Pace Sequoia Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Chrys, Ethanol, 1/2 DCA + RDB Allyl SW + SVOC

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	Not taken due to sheen
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030807-BA2	Station # 601
Sampler: BRIAN ALCOX	Date: 8/7/03
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 11.85	Depth to Water: 6.89
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: Bailer Sampling Method: Bailer

Disposable Bailer Disposable Bailer

Middleburg Extraction Port

Electric Submersible Other: _____

Extraction Pump

Other: _____

Top of Screen: 8' If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

3.5	X	3	=	10.5	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1400	75.4	10.6	434	3.5	cloudy brown
1401	Well dewatered @			5 gallons	DW 9.85
1430	72.1	8.9	798	—	clear DW 8.95

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Time: 1430 @ departure Sampling Date: 8/7/03

Sample I.D.: MW-3 Laboratory: Pace Sequoia Other: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Orgs, Ethanol, 1,2 DCA + EDB ALL by 8260

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.4 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030807-BA2	Station # 601
Sampler: Brian Alcorn	Date: 8/7/03
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 8.43	Depth to Water: 7.45
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:

☐ Bailer
☒ Disposable Bailer
☐ Middleburg
☐ 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.

No
Purge

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

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1330	72.9	6.8	1,380	—	clear, odor

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Time: 1330 Sampling Date: 8/7/03

Sample I.D.: MW-4 Laboratory: Pace (Sequoia) Other: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxy's, Ethanol, 1,2 DCA + EDB A.C. by 8260

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.2 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030807-BA2	Station # 601
Sampler: BRIAN ALCOX	Date: 8/7/03
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 10.04	Depth to Water: 7.46
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

Purge Method: Bailer
~~Disposable Bailer~~
~~Middleburg~~
~~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.

No
Purge

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

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
1340	73.4	9.0	1,592	—	clear

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Time: 1340 Sampling Date: 8/7/03

Sample I.D.: MW-5 Laboratory: Pace Sequoia Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxys, Ethanol, 1,2-DA + ENB AL 13826c

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	12.2 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030807-BA2	Station # 601
Sampler: BRIAN ALCOCK	Date: 8/7/03
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 8.57	Depth to Water: 8 Dry
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: ~~Bailer
Disposable Bailer
Middleburg
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.

$$\frac{\text{1 Case Volume (Gals.)}}{\text{Specified Volumes}} \times \text{Specified Volumes} = \text{Calculated Volume Gals.}$$

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
					WELL DRY / INSUFFICIENT WATER - NO SAMPLE

Did well dewater? Yes / No

Gallons actually evacuated:

Sampling Time:

Sampling Date:

Sample I.D.:

Laboratory: ☒ Pace ☐ Sequoia ☒ Other _____

Analyzed for: TPH-G BTEX MTBE/TPH-D Other:

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

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030807-BA2	Station # 601
Sampler: BRIAN ALCON	Date: 8/7/03
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 9.58	Depth to Water: 9.01
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: Bailer Disposable Bailer Middleburg 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.

No
Purge

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

Time	Temp (°F)	pH	Conductivity (mS or LS)	Gals. Removed	Observations
1255	71.9	6.4	1,550	—	clear-brown

Did well dewater? Yes No	Gallons actually evacuated: —
Sampling Time: 1255	Sampling Date: 8/7/03
Sample I.D.: MW-7	Laboratory: Pace (Sequoia) Other _____
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxy, Ethanol, 1,2-DCA, HES, AL, by 8262	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: 4.5 mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030807-BA2	Station # 601
Sampler: BRIAN ALCOX	Date: 8/7/03
Well I.D.: MW-8	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 10.1	Depth to Water: 7.93
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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: ~~Bailer~~
~~Disposable Bailer~~
~~Middleburg~~
~~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.

No
Purge

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

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
1320	74.6	8.3	1,529	—	clear

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Time: 1320 Sampling Date: 8/7/03

Sample I.D.: MW-8 Laboratory: Pace Sequoia Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxys, Ethanol, 1,2-DAA + EDB AL by 8268

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	14.8 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030807-BA2	Station # 601
Sampler: Brown Alcorn	Date: 8/7/03
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8
Total Well Depth: 18.67	Depth to Water: 8.45
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: ☒ Bailer
☐ Disposable Bailer
☐ Middleburg
☐ 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.

No
Purge

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1420	70.6	7.3	1,076	—	clear

Did well dewater? Yes No		Gallons actually evacuated: —	
Sampling Time: 1420		Sampling Date: 8/7/03	
Sample I.D.: MW-10		Laboratory: Pace Sequoia Other _____	
Analyzed for: (TPH-G BTEX) MTBE TPH-D Other: Oxy, Ethanol, 1,2-DCA, EDB All by 8260			
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: 1.3 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030807-BA2	Station # 601
Sampler: BLAIN ALCON	Date: 8/7/03
Well I.D.: MW-14	Well Diameter: (2) 3 4 6 8
Total Well Depth: 12.95	Depth to Water: 9.81
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

Purge Method: ~~Bailer~~
~~Disposable Bailer~~
~~Middleburg~~
~~Electric Submersible~~
~~Extraction Pump~~
 Other: _____

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

Top of Screen: 7.5' 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	Specified Volumes	=	Gals.
				Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1240	70.3	6.7	1,594	—	clear

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: 1240 Sampling Date: 8/7/03

Sample I.D.: MW-14 Laboratory: Pace Sequoia Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxys, Ethanol, 1,2-DCA + PDB Aug 5, 2003

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



WELLHEAD INSPECTION CHECKLIST BP / GEM

Page 1 of 1Date 8/7/03Site Address 712 Levee Blvd, San LeandroJob Number 030807-BA2 Technician Brian Alcorn

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				✓				✓
MW-2								✓
MW-3	✓							
MW-4	✓							
MW-5	✓							
MW-6	✓							
MW-7	✓							
MW-8	✓							
MW-9	✓							
MW-10	✓							
MW-11	✓							
MW-12								✓
MW-13	✓							
MW-14	✓							
MW-15	✓							
AT								

NOTES: _____

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

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

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

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

Station #

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

added equip.
rinse water

any other
adjustments

**TOTAL GALS.
RECOVERED**

loaded onto
BTS vehicle #

BTS event #

time date

signature

REC'D AT

time date

unloaded by
signature

601

712 Lewelling Blvd, San Leandro

5

52

030807-242

1445 8/7/03

_____ / /

REPAIR DATA SHEET

Page ____ of ____

Client ARC 601 Date MAY 29, 2003

Site Address 712 LEWELLING

Job Number 030529-MK3 Technician MIKE KOVACH

Repair Location MW-8

Deficiencies Corrected Changed out
ORC + CAP

Materials Used 1 CAP

Repair Location MW-3

Deficiencies Corrected 2 RETAPS & ADD
2 Bolts + Put in O.R.C.

Materials Used 2 Bolts

Repair Location MW-4

Deficiencies Corrected 2 Helicoils + 2 Bolts

Materials Used 2 Helicoils + 2 Bolts

Repair Location MW-5

Deficiencies Corrected 2 Helicoils 1 Bolt
Change out O.R.C. Change
out Cap + Lock

Materials Used 1 CAP 1 Lock 2 Helicoils 2 Bolts

Repair Location MW-2

Deficiencies Corrected Change out O.R.C.
Changed out Cap + Lock

Materials Used Cap + Lock

Repair Location _____

Deficiencies Corrected _____

Materials Used _____

WELLHEAD REPAIR ORDER

Client Arco 601 Site Address 712 LEWELLING BLVD. SAN LEANDRO

Well ID	Job Number	Well Rim Seal Deteriorated or Missing	Casing Cracked or Uneven	Apron Cracked or Loose	Tab(s) Broken or Stripped	Bolt(s) Missing or Loose	Other (explain below)	REQUIRES CALL-IN		PROJECT COORDINATOR ONLY	REPAIR TECHNICIAN ONLY
								Lid Cracked/Missing or All Tabs or Bolts Broken WELL NOT SECURE	Traffic Control Required	Inspection Scheduled (Initial/Date)	Deficiency Corrected (Initial/Date)
MW-12	030123-BAL			rim loose		X					
MW-8							①				
MW-2	630407-RH2			heavy	X		① ②				
MW-4	030407-RH2				X	X					
MW-1	030407-RH2			minors		X					
MW-5	"						①				
MW-3	"					X					
MW-11	030407-RH2				stripped X						
MW-12	"				stripped X						
MW-9	"						X				

NOTES: ① ORC rope interferes w/ proper seal - cannot lock or seal cap ② trip hazard
 MW-9: Christy Box

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 Group Environmental Management 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

22 August, 2003

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

RE: ARCO #601, San Leandro, CA
Work Order: MMH0352

Enclosed are the results of analyses for samples received by the laboratory on 08/08/03 10:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen
Project Manager

CA ELAP Certificate #1210



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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MMH0352-01	Water	08/07/03 12:25	08/08/03 10:50
MW-3	MMH0352-02	Water	08/07/03 14:30	08/08/03 10:50
MW-4	MMH0352-03	Water	08/07/03 13:30	08/08/03 10:50
MW-5	MMH0352-04	Water	08/07/03 13:40	08/08/03 10:50
MW-7	MMH0352-05	Water	08/07/03 12:55	08/08/03 10:50
MW-8	MMH0352-06	Water	08/07/03 13:20	08/08/03 10:50
MW-14	MMH0352-07	Water	08/07/03 12:40	08/08/03 10:50
MW-10	MMH0352-09	Water	08/07/03 14:20	08/08/03 10:50

There were custody seals received with this project.

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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MMH0352-01) Water Sampled: 08/07/03 12:25 Received: 08/08/03 10:50									
Ethanol	ND	5000	ug/l	50	3H18010	08/18/03	08/19/03	EPA 8260B	O-12a
tert-Butyl alcohol	ND	1000	"	"	"	"	"	"	
Methyl tert-butyl ether	160	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
Benzene	1500	25	"	"	"	"	"	"	
Toluene	27	25	"	"	"	"	"	"	
Ethylbenzene	1700	25	"	"	"	"	"	"	
Xylenes (total)	42	25	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	12000	2500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	78-129		"	"	"	"	
MW-3 (MMH0352-02) Water Sampled: 08/07/03 14:30 Received: 08/08/03 10:50									
Ethanol	ND	20000	ug/l	200	3H18010	08/18/03	08/19/03	EPA 8260B	O-12a
tert-Butyl alcohol	ND	4000	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	100	"	"	"	"	"	"	
Di-isopropyl ether	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	100	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
Benzene	360	100	"	"	"	"	"	"	
Toluene	250	100	"	"	"	"	"	"	
Ethylbenzene	1700	100	"	"	"	"	"	"	
Xylenes (total)	8100	100	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	35000	10000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		86.6 %	78-129		"	"	"	"	

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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MMH0352-03) Water Sampled: 08/07/03 13:30 Received: 08/08/03 10:50									
Ethanol	ND	5000	ug/l	50	3H18010	08/18/03	08/19/03	EPA 8260B	O-12a
tert-Butyl alcohol	ND	1000	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
Benzene	280	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Ethylbenzene	150	25	"	"	"	"	"	"	
Xylenes (total)	700	25	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	3000	2500	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>									
		89.0 %	78-129		"	"	"	"	
MW-5 (MMH0352-04) Water Sampled: 08/07/03 13:40 Received: 08/08/03 10:50									
Ethanol	ND	100	ug/l	1	3H18010	08/18/03	08/19/03	EPA 8260B	O-12a
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	3.5	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	1.8	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>									
		93.0 %	78-129		"	"	"	"	

Sequoia Analytical - Morgan Hill

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

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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MMH0352-05) Water Sampled: 08/07/03 12:55 Received: 08/08/03 10:50									
Ethanol	ND	100	ug/l	1	3H18010	08/18/03	08/19/03	EPA 8260B	O-12a
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	78-129		"	"	"	"	
MW-8 (MMH0352-06) Water Sampled: 08/07/03 13:20 Received: 08/08/03 10:50									
Ethanol	ND	100	ug/l	1	3H18010	08/18/03	08/19/03	EPA 8260B	O-12a
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	0.96	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	78-129		"	"	"	"	

Sequoia Analytical - Morgan Hill

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

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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-14 (MMH0352-07) Water Sampled: 08/07/03 12:40 Received: 08/08/03 10:50									
Ethanol	ND	100	ug/l	1	3H18010	08/18/03	08/19/03	EPA 8260B	O-12a
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		87.4 %	78-129		"	"	"	"	
MW-10 (MMH0352-09) Water Sampled: 08/07/03 14:20 Received: 08/08/03 10:50									
Ethanol	ND	100	ug/l	1	3H20010	08/20/03	08/20/03	EPA 8260B	O-12b
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	1.5	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		79.4 %	78-129		"	"	"	"	

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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MMH0352-01) Water Sampled: 08/07/03 12:25 Received: 08/08/03 10:50									
Acenaphthene	ND	24	ug/l	5	3H13016	08/13/03	08/15/03	EPA 8270C	
Acenaphthylene	ND	24	"	"	"	"	"	"	
Anthracene	ND	24	"	"	"	"	"	"	
Benzoic acid	ND	47	"	"	"	"	"	"	
Benzo (a) anthracene	ND	24	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	24	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	24	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	47	"	"	"	"	"	"	
Benzo (a) pyrene	ND	24	"	"	"	"	"	"	
Benzyl alcohol	ND	47	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	24	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	47	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	24	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	47	"	"	"	"	"	"	
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	47	"	"	"	"	"	"	
Chrysene	ND	24	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	24	"	"	"	"	"	"	
Dibenzofuran	ND	24	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	24	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	47	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	47	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	47	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	240	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	24	"	"	"	"	"	"	
Diethyl phthalate	ND	24	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	47	"	"	"	"	"	"	
Dimethyl phthalate	ND	24	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	24	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	47	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	24	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	24	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	47	"	"	"	"	"	"	
Fluoranthene	ND	24	"	"	"	"	"	"	
Fluorene	ND	24	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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

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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MMH0352-01) Water Sampled: 08/07/03 12:25 Received: 08/08/03 10:50									
Hexachlorobenzene	ND	24	ug/l	5	3H13016	08/13/03	08/15/03	EPA 8270C	
Hexachlorobutadiene	ND	47	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	47	"	"	"	"	"	"	
Hexachloroethane	ND	47	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	47	"	"	"	"	"	"	
Isophorone	ND	24	"	"	"	"	"	"	
2-Methylnaphthalene	360	24	"	"	"	"	"	"	
2-Methylphenol	ND	24	"	"	"	"	"	"	
4-Methylphenol	ND	24	"	"	"	"	"	"	
Naphthalene	1100	47	"	10	"	"	08/15/03	"	
2-Nitroaniline	ND	47	"	5	"	"	08/15/03	"	
3-Nitroaniline	ND	470	"	"	"	"	"	"	
4-Nitroaniline	ND	240	"	"	"	"	"	"	
Nitrobenzene	ND	24	"	"	"	"	"	"	
2-Nitrophenol	ND	24	"	"	"	"	"	"	
4-Nitrophenol	ND	47	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	47	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	24	"	"	"	"	"	"	
Pentachlorophenol	ND	47	"	"	"	"	"	"	
Phenanthrene	ND	24	"	"	"	"	"	"	
Phenol	ND	24	"	"	"	"	"	"	
Pyrene	ND	24	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	47	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	24	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	24	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol	44.5 %	43-74			"	"	"	"	
Surrogate: Phenol-d6	27.0 %	24-52			"	"	"	"	
Surrogate: Nitrobenzene-d5	87.6 %	66-107			"	"	"	"	
Surrogate: 2-Fluorobiphenyl	76.2 %	61-115			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	74.9 %	46-127			"	"	"	"	
Surrogate: p-Terphenyl-d14	90.9 %	63-121			"	"	"	"	

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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 3H18010 - EPA 5030B P/T

Blank (3H18010-BLK1)

Prepared & Analyzed: 08/18/03

Ethanol	ND	100	ug/l							O-12
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C6-C10)	ND	50	"							

Surrogate: 1,2-Dichloroethane-d4 4.48 " 5.00 89.6 78-129

Laboratory Control Sample (3H18010-BS1)

Prepared & Analyzed: 08/18/03

Methyl tert-butyl ether	9.64	0.50	ug/l	10.0		96.4	63-137
Benzene	10.0	0.50	"	10.0		100	78-124
Toluene	10.6	0.50	"	10.0		106	78-129

Surrogate: 1,2-Dichloroethane-d4 4.52 " 5.00 90.4 78-129

Laboratory Control Sample (3H18010-BS2)

Prepared & Analyzed: 08/18/03

Methyl tert-butyl ether	7.77	0.50	ug/l	9.92		78.3	63-137
Benzene	5.15	0.50	"	6.40		80.5	78-124
Toluene	32.3	0.50	"	29.7		109	78-129
Gasoline Range Organics (C6-C10)	412	50	"	440		93.6	70-113

Surrogate: 1,2-Dichloroethane-d4 4.43 " 5.00 88.6 78-129

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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 3H18010 - EPA 5030B P/T

Laboratory Control Sample Dup (3H18010-BSD1)

Prepared & Analyzed: 08/18/03

Methyl tert-butyl ether	9.19	0.50	ug/l	10.0		91.9	63-137	4.78	13	
Benzene	10.4	0.50	"	10.0		104	78-124	3.92	12	
Toluene	10.8	0.50	"	10.0		108	78-129	1.87	10	
Surrogate: 1,2-Dichloroethane-d4	4.73		"	5.00		94.6	78-129			

Laboratory Control Sample Dup (3H18010-BSD2)

Prepared & Analyzed: 08/18/03

Methyl tert-butyl ether	7.75	0.50	ug/l	9.92		78.1	63-137	0.258	13	
Benzene	5.32	0.50	"	6.40		83.1	78-124	3.25	12	
Toluene	33.6	0.50	"	29.7		113	78-129	3.95	10	
Gasoline Range Organics (C6-C10)	404	50	"	440		91.8	70-113	1.96	9	
Surrogate: 1,2-Dichloroethane-d4	4.65		"	5.00		93.0	78-129			

Matrix Spike (3H18010-MS1)

Source: MMH0345-09

Prepared & Analyzed: 08/18/03

Methyl tert-butyl ether	19700	250	ug/l	4960	17000	54.4	63-137			QM-07
Benzene	9960	250	"	3200	7600	73.8	78-124			QM-07
Toluene	16400	250	"	14800	120	110	78-129			
Gasoline Range Organics (C6-C10)	251000	25000	"	220000	53000	90.0	70-113			
Surrogate: 1,2-Dichloroethane-d4	4.75		"	5.00		95.0	78-129			

Matrix Spike Dup (3H18010-MSD1)

Source: MMH0345-09

Prepared & Analyzed: 08/18/03

Methyl tert-butyl ether	19600	250	ug/l	4960	17000	52.4	63-137	0.509	13	QM-07
Benzene	9760	250	"	3200	7600	67.5	78-124	2.03	12	QM-07
Toluene	16100	250	"	14800	120	108	78-129	1.85	10	
Gasoline Range Organics (C6-C10)	249000	25000	"	220000	53000	89.1	70-113	0.800	9	
Surrogate: 1,2-Dichloroethane-d4	4.74		"	5.00		94.8	78-129			

Batch 3H20010 - EPA 5030B P/T

Blank (3H20010-BLK1)

Prepared & Analyzed: 08/20/03

Ethanol	ND	100	ug/l							O-12b
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							

Sequoia Analytical - Morgan Hill

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

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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 3H20010 - EPA 5030B P/T

Blank (3H20010-BLK1)

Prepared & Analyzed: 08/20/03

Toluene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C6-C10)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	4.03		"	5.00		80.6	78-129			

Laboratory Control Sample (3H20010-BS1)

Prepared & Analyzed: 08/20/03

Methyl tert-butyl ether	8.41	0.50	ug/l	10.0		84.1	63-137			
Benzene	8.82	0.50	"	10.0		88.2	78-124			
Toluene	9.68	0.50	"	10.0		96.8	78-129			
Surrogate: 1,2-Dichloroethane-d4	4.02		"	5.00		80.4	78-129			

Laboratory Control Sample (3H20010-BS2)

Prepared & Analyzed: 08/20/03

Methyl tert-butyl ether	8.11	0.50	ug/l	9.92		81.8	63-137			
Benzene	5.41	0.50	"	6.40		84.5	78-124			
Toluene	35.5	0.50	"	29.7		120	78-129			
Gasoline Range Organics (C6-C10)	439	50	"	440		99.8	70-113			
Surrogate: 1,2-Dichloroethane-d4	4.03		"	5.00		80.6	78-129			

Laboratory Control Sample Dup (3H20010-BSD1)

Prepared & Analyzed: 08/20/03

Methyl tert-butyl ether	8.77	0.50	ug/l	10.0		87.7	63-137	4.19	13	
Benzene	9.34	0.50	"	10.0		93.4	78-124	5.73	12	
Toluene	10.5	0.50	"	10.0		105	78-129	8.13	10	
Surrogate: 1,2-Dichloroethane-d4	4.37		"	5.00		87.4	78-129			

Laboratory Control Sample Dup (3H20010-BSD2)

Prepared & Analyzed: 08/20/03

Methyl tert-butyl ether	7.66	0.50	ug/l	9.92		77.2	63-137	5.71	13	
Benzene	5.31	0.50	"	6.40		83.0	78-124	1.87	12	
Toluene	33.4	0.50	"	29.7		112	78-129	6.10	10	
Gasoline Range Organics (C6-C10)	417	50	"	440		94.8	70-113	5.14	9	
Surrogate: 1,2-Dichloroethane-d4	4.22		"	5.00		84.4	78-129			

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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 3H20010 - EPA 5030B P/T

Matrix Spike (3H20010-MS1)		Source: MMH0490-01			Prepared & Analyzed: 08/20/03					
Methyl tert-butyl ether	30900	500	ug/l	9920	22000	89.7	63-137			
Benzene	5490	500	"	6400	270	81.6	78-124			
Toluene	33000	500	"	29700	ND	111	78-129			
Gasoline Range Organics (C6-C10)	419000	50000	"	440000	51000	83.6	70-113			
Surrogate: 1,2-Dichloroethane-d4	4.25		"	5.00		85.0	78-129			
Matrix Spike Dup (3H20010-MSD1)		Source: MMH0490-01			Prepared & Analyzed: 08/20/03					
Methyl tert-butyl ether	30300	500	ug/l	9920	22000	83.7	63-137	1.96	13	
Benzene	5330	500	"	6400	270	79.1	78-124	2.96	12	
Toluene	32000	500	"	29700	ND	108	78-129	3.08	10	
Gasoline Range Organics (C6-C10)	397000	50000	"	440000	51000	78.6	70-113	5.39	9	
Surrogate: 1,2-Dichloroethane-d4	4.29		"	5.00		85.8	78-129			



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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 3H13016 - EPA 3510C SepFunnel

Blank (3H13016-BLK1)

Prepared: 08/13/03 Analyzed: 08/15/03

Acenaphthene	ND	5.0	ug/l
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	"
4,6-Dinitro-2-methylphenol	ND	5.0	"
2,4-Dinitrophenol	ND	10	"
2,4-Dinitrotoluene	ND	5.0	"

Sequoia Analytical - Morgan Hill

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



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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 3H13016 - EPA 3510C SepFunnel

Blank (3H13016-BLK1)

Prepared: 08/13/03 Analyzed: 08/15/03

2,6-Dinitrotoluene	ND	5.0	ug/l							
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	22.6		"	50.0		45.2	43-74			
Surrogate: Phenol-d6	14.0		"	50.0		28.0	24-52			
Surrogate: Nitrobenzene-d5	36.0		"	50.0		72.0	66-107			
Surrogate: 2-Fluorobiphenyl	35.9		"	50.0		71.8	61-115			
Surrogate: 2,4,6-Tribromophenol	30.9		"	50.0		61.8	46-127			
Surrogate: p-Terphenyl-d14	41.4		"	50.0		82.8	63-121			

Sequoia Analytical - Morgan Hill

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

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

Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MMH0352
Reported:
08/22/03 18:05

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 3H13016 - EPA 3510C SepFunnel

Laboratory Control Sample (3H13016-BS1)

Prepared: 08/13/03 Analyzed: 08/15/03

Acenaphthene	44.8	5.0	ug/l	50.0		89.6	76-102			
4-Chloro-3-methylphenol	44.3	5.0	"	50.0		88.6	83-120			
2-Chlorophenol	39.0	5.0	"	50.0		78.0	70-102			
1,4-Dichlorobenzene	38.6	10	"	50.0		77.2	60-91			
2,4-Dinitrotoluene	42.7	5.0	"	50.0		85.4	80-104			
4-Nitrophenol	18.6	10	"	50.0		37.2	19-52			
N-Nitrosodi-n-propylamine	42.7	5.0	"	50.0		85.4	53-122			
Pentachlorophenol	43.8	10	"	50.0		87.6	59-111			
Phenol	17.9	5.0	"	50.0		35.8	30-53			
Pyrene	48.2	5.0	"	50.0		96.4	78-115			
1,2,4-Trichlorobenzene	40.1	10	"	50.0		80.2	70-100			
Surrogate: 2-Fluorophenol	25.0		"	50.0		50.0	43-74			
Surrogate: Phenol-d6	15.9		"	50.0		31.8	24-52			
Surrogate: Nitrobenzene-d5	37.6		"	50.0		75.2	66-107			
Surrogate: 2-Fluorobiphenyl	39.1		"	50.0		78.2	61-115			
Surrogate: 2,4,6-Tribromophenol	41.2		"	50.0		82.4	46-127			
Surrogate: p-Terphenyl-d14	47.6		"	50.0		95.2	63-121			

Laboratory Control Sample Dup (3H13016-BS1)

Prepared: 08/13/03 Analyzed: 08/15/03

Acenaphthene	42.8	5.0	ug/l	50.0		85.6	76-102	4.57	21	
4-Chloro-3-methylphenol	42.4	5.0	"	50.0		84.8	83-120	4.38	19	
2-Chlorophenol	36.2	5.0	"	50.0		72.4	70-102	7.45	26	
1,4-Dichlorobenzene	36.5	10	"	50.0		73.0	60-91	5.59	21	
2,4-Dinitrotoluene	42.7	5.0	"	50.0		85.4	80-104	0.00	30	
4-Nitrophenol	17.6	10	"	50.0		35.2	19-52	5.52	30	
N-Nitrosodi-n-propylamine	39.7	5.0	"	50.0		79.4	53-122	7.28	30	
Pentachlorophenol	44.4	10	"	50.0		88.8	59-111	1.36	39	
Phenol	16.6	5.0	"	50.0		33.2	30-53	7.54	18	
Pyrene	49.1	5.0	"	50.0		98.2	78-115	1.85	15	
1,2,4-Trichlorobenzene	38.2	10	"	50.0		76.4	70-100	4.85	21	
Surrogate: 2-Fluorophenol	23.0		"	50.0		46.0	43-74			
Surrogate: Phenol-d6	14.9		"	50.0		29.8	24-52			
Surrogate: Nitrobenzene-d5	36.2		"	50.0		72.4	66-107			
Surrogate: 2-Fluorobiphenyl	38.6		"	50.0		77.2	61-115			
Surrogate: 2,4,6-Tribromophenol	40.3		"	50.0		80.6	46-127			
Surrogate: p-Terphenyl-d14	46.9		"	50.0		93.8	63-121			

Sequoia Analytical - Morgan Hill

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

URS Corporation [Arco]
500 12th Street, Suite 200
Oakland CA, 94607Project: ARCO #601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott RobinsonMMH0352
Reported:
08/22/03 18:05**Notes and Definitions**

- O-12 "The continuing calibration verification was outside of client contractual acceptance limits by 1.7% low. However, it was within method acceptance limits. The data should still be useful for its intended purpose."
- O-12a "The continuing calibration verification was outside of client contractual acceptance limits by 10.5% low. However, it was within method acceptance limits. The data should still be useful for its intended purpose."
- O-12b "The continuing calibration verification was outside of client contractual acceptance limits by 20.2% low. However, it was within method acceptance limits. The data should still be useful for its intended purpose."
- QM-07 The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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

ATTACHMENT C

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Error Summary Log

08/29/03

EDF 1.2i All files present in deliverable.

Laboratory:	Sequoia Analytical Laboratories, Inc., Morgan Hill, CA
Project Name:	ARCO #601, San Leandro, C
Work Order Number:	MMH0352
Global ID:	NA
Lab Report Number:	MMH0352082220031805

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
MMH03520822200 MW-1 31805		MMH035201	W	CS	8260FAB	SW5030B	08/07/03	08/18/03	08/19/03	3H18010	1
MMH03520822200 MW-1 31805		MMH035201	W	CS	8270SIM	3510ARO	08/07/03	08/13/03	08/15/03	3H13016	1
MMH03520822200 MW-10 31805		MMH035209	W	CS	8260FAB	SW5030B	08/07/03	08/20/03	08/20/03	3H20010	1
MMH03520822200 MW-14 31805		MMH035207	W	CS	8260FAB	SW5030B	08/07/03	08/18/03	08/19/03	3H18010	1
MMH03520822200 MW-3 31805		MMH035202	W	CS	8260FAB	SW5030B	08/07/03	08/18/03	08/19/03	3H18010	1
MMH03520822200 MW-4 31805		MMH035203	W	CS	8260FAB	SW5030B	08/07/03	08/18/03	08/19/03	3H18010	1
MMH03520822200 MW-5 31805		MMH035204	W	CS	8260FAB	SW5030B	08/07/03	08/18/03	08/19/03	3H18010	1
MMH03520822200 MW-7 31805		MMH035205	W	CS	8260FAB	SW5030B	08/07/03	08/18/03	08/19/03	3H18010	1
MMH03520822200 MW-8 31805		MMH035206	W	CS	8260FAB	SW5030B	08/07/03	08/18/03	08/19/03	3H18010	1
		MMH034509	W	NC	8260FAB	SW5030B	//	08/18/03	08/18/03	3H18010	1
		MMH049001	W	NC	8260FAB	SW5030B	//	08/20/03	08/20/03	3H20010	1
		3H13016BSD1	WQ	BD1	8270SIM	3510ARO	//	08/13/03	08/15/03	3H13016	1
		3H13016BS1	WQ	BS1	8270SIM	3510ARO	//	08/13/03	08/15/03	3H13016	1
		3H13016BLK1	WQ	LB1	8270SIM	3510ARO	//	08/13/03	08/15/03	3H13016	1
		3H18010BSD1	WQ	BD1	8260FAB	SW5030B	//	08/18/03	08/18/03	3H18010	1
		3H18010BSD2	WQ	BD2	8260FAB	SW5030B	//	08/18/03	08/18/03	3H18010	1
		3H18010BS1	WQ	BS1	8260FAB	SW5030B	//	08/18/03	08/18/03	3H18010	1
		3H18010BS2	WQ	BS2	8260FAB	SW5030B	//	08/18/03	08/18/03	3H18010	1
		3H18010BLK1	WQ	LB1	8260FAB	SW5030B	//	08/18/03	08/18/03	3H18010	1
		3H18010MS1	W	MS1	8260FAB	SW5030B	//	08/18/03	08/18/03	3H18010	1
		3H18010MSD1	W	SD1	8260FAB	SW5030B	//	08/18/03	08/18/03	3H18010	1
		3H20010BSD1	WQ	BD1	8260FAB	SW5030B	//	08/20/03	08/20/03	3H20010	1
		3H20010BSD2	WQ	BD2	8260FAB	SW5030B	//	08/20/03	08/20/03	3H20010	1
		3H20010BS1	WQ	BS1	8260FAB	SW5030B	//	08/20/03	08/20/03	3H20010	1
		3H20010BS2	WQ	BS2	8260FAB	SW5030B	//	08/20/03	08/20/03	3H20010	1
		3H20010BLK1	WQ	LB1	8260FAB	SW5030B	//	08/20/03	08/20/03	3H20010	1
		3H20010MS1	W	MS1	8260FAB	SW5030B	//	08/20/03	08/20/03	3H20010	1
		3H20010MSD1	W	SD1	8260FAB	SW5030B	//	08/20/03	08/20/03	3H20010	1

EDFSAMP: Error Summary Log

08/29/03

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

EDFTEST: Error Summary Log

08/29/03

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

EDFRES: Error Summary Log

08/29/03

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	3H18010MS1	MS1	W	8260FAB	PR	08/18/03	1	DCA12D4
Warning: extra parameter	3H18010MS1	MS1	W	8260FAB	PR	08/18/03	1	GROC6C10
Warning: extra parameter	3H18010MSD1	SD1	W	8260FAB	PR	08/18/03	1	DCA12D4
Warning: extra parameter	3H18010MSD1	SD1	W	8260FAB	PR	08/18/03	1	GROC6C10
Warning: extra parameter	3H20010MS1	MS1	W	8260FAB	PR	08/20/03	1	DCA12D4
Warning: extra parameter	3H20010MS1	MS1	W	8260FAB	PR	08/20/03	1	GROC6C10
Warning: extra parameter	3H20010MSD1	SD1	W	8260FAB	PR	08/20/03	1	DCA12D4
Warning: extra parameter	3H20010MSD1	SD1	W	8260FAB	PR	08/20/03	1	GROC6C10
Warning: extra parameter	MMH034509	NC	W	8260FAB	PR	08/18/03	1	DCA12D4
Warning: extra parameter	MMH034509	NC	W	8260FAB	PR	08/18/03	1	GROC6C10
Warning: extra parameter	MMH035201	CS	W	8260FAB	PR	08/19/03	1	DCA12D4
Warning: extra parameter	MMH035201	CS	W	8260FAB	PR	08/19/03	1	GROC6C10
Warning: extra parameter	MMH035202	CS	W	8260FAB	PR	08/19/03	1	DCA12D4
Warning: extra parameter	MMH035202	CS	W	8260FAB	PR	08/19/03	1	GROC6C10
Warning: extra parameter	MMH035203	CS	W	8260FAB	PR	08/19/03	1	DCA12D4
Warning: extra parameter	MMH035203	CS	W	8260FAB	PR	08/19/03	1	GROC6C10
Warning: extra parameter	MMH035204	CS	W	8260FAB	PR	08/19/03	1	DCA12D4
Warning: extra parameter	MMH035204	CS	W	8260FAB	PR	08/19/03	1	GROC6C10
Warning: extra parameter	MMH035205	CS	W	8260FAB	PR	08/19/03	1	DCA12D4
Warning: extra parameter	MMH035205	CS	W	8260FAB	PR	08/19/03	1	GROC6C10
Warning: extra parameter	MMH035206	CS	W	8260FAB	PR	08/19/03	1	DCA12D4
Warning: extra parameter	MMH035206	CS	W	8260FAB	PR	08/19/03	1	GROC6C10
Warning: extra parameter	MMH035207	CS	W	8260FAB	PR	08/19/03	1	DCA12D4
Warning: extra parameter	MMH035207	CS	W	8260FAB	PR	08/19/03	1	GROC6C10
Warning: extra parameter	MMH035209	CS	W	8260FAB	PR	08/20/03	1	DCA12D4

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	MMH035209	CS	W	8260FAB	PR	08/20/03	1	GROC6C10
Warning: extra parameter	MMH049001	NC	W	8260FAB	PR	08/20/03	1	DCA12D4
Warning: extra parameter	MMH049001	NC	W	8260FAB	PR	08/20/03	1	GROC6C10
Warning: extra parameter	3H18010BLK1	LB1	WQ	8260FAB	PR	08/18/03	1	DCA12D4
Warning: extra parameter	3H18010BLK1	LB1	WQ	8260FAB	PR	08/18/03	1	GROC6C10
Warning: extra parameter	3H18010BS1	BS1	WQ	8260FAB	PR	08/18/03	1	DCA12D4
Warning: extra parameter	3H18010BS2	BS2	WQ	8260FAB	PR	08/18/03	1	DCA12D4
Warning: extra parameter	3H18010BS2	BS2	WQ	8260FAB	PR	08/18/03	1	GROC6C10
Warning: extra parameter	3H18010BSD1	BD1	WQ	8260FAB	PR	08/18/03	1	DCA12D4
Warning: extra parameter	3H18010BSD2	BD2	WQ	8260FAB	PR	08/18/03	1	DCA12D4
Warning: extra parameter	3H18010BSD2	BD2	WQ	8260FAB	PR	08/18/03	1	GROC6C10
Warning: extra parameter	3H20010BLK1	LB1	WQ	8260FAB	PR	08/20/03	1	DCA12D4
Warning: extra parameter	3H20010BLK1	LB1	WQ	8260FAB	PR	08/20/03	1	GROC6C10
Warning: extra parameter	3H20010BS1	BS1	WQ	8260FAB	PR	08/20/03	1	DCA12D4
Warning: extra parameter	3H20010BS2	BS2	WQ	8260FAB	PR	08/20/03	1	DCA12D4
Warning: extra parameter	3H20010BS2	BS2	WQ	8260FAB	PR	08/20/03	1	GROC6C10
Warning: extra parameter	3H20010BSD1	BD1	WQ	8260FAB	PR	08/20/03	1	DCA12D4
Warning: extra parameter	3H20010BSD2	BD2	WQ	8260FAB	PR	08/20/03	1	DCA12D4
Warning: extra parameter	3H20010BSD2	BD2	WQ	8260FAB	PR	08/20/03	1	GROC6C10

EDFQC: Error Summary Log

08/29/03

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

EDFCL: Error Summary Log

08/29/03

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

AB2886 Electronic Delivery

[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)

UPLOADING A GEO_WELL FILE

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

Submittal Title: Third Quarter Groundwater Monitoring Report, Site 601

Submittal Date/Time: 8/29/2003 4:07:19 PM

Confirmation Number: 9855438053

[Back to Main Menu](#)

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

AB2886 Electronic Delivery

[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)

Your EDF file has been successfully uploaded!

Confirmation Number: 3611901342

Date/Time of Submittal: 8/29/2003 4:09:01 PM

Facility Global ID: T0600100108

Facility Name: ARCO # 00601

Submittal Title: Third Quarter Groundwater Monitoring Report, Site 601

Submittal Type: GW Monitoring Report

Logged in as URSCORP-OAKLAND (CONTRACTOR)

[CONTACT SITE ADMINISTRATOR.](#)