Atlantic Richfield Company
(a BP affiliated company)

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

July 24, 2005

Re: Second Quarter 2005 Groundwater Monitoring Report
ARCO Service Station #6041
7249 Village Parkway
Dublin, California
ACEH Case #RO0000452

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

Submitted by:

Paul Supple
Environmental Business Manager

URS

July 27, 2005

Ms. Donna Drogas
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Second Quarter 2005 Groundwater Monitoring Report
ARCO Service Station #6041
7249 Village Parkway
Dublin, California
ACEH Case #RO0000452

Dear Ms. Drogas:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Second Quarter 2005 Groundwater Monitoring Report* for the ARCO Service Station #6041, located at 7249 Village Parkway, Dublin, California.

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

Sincerely,

URS CORPORATION

John Madigan, P.E.
Senior Engineer

Enclosure: Second Quarter 2005 Groundwater Monitoring Report

cc: Ms. Karen Petryna, Equiva Services, LLC, P.O. Box 7869, Burbank, CA 91510-7869
Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600
Fax: 510.874.3268

REPORT

SECOND QUARTER 2005 GROUNDWATER MONITORING REPORT

ARCO SERVICE STATION #6041
7249 VILLAGE PARKWAY
DUBLIN, CALIFORNIA

Prepared for
RM

July 27, 2005

URS
URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

Date: July 27, 2005

Quarter: 2Q 05

SECOND QUARTER 2005 GROUNDWATER MONITORING REPORT

Former Facility No.:	6041	Address:	7249 Village Parkway, Dublin, California
RM Environmental Business Manager:			Paul Supple
Consulting Co./Contact Person:			URS Corporation / Scott Robinson
Primary Agency:			Alameda County Environmental Health (ACEH)
ACEH Case No.:			RO0000452

WORK PERFORMED THIS QUARTER (Second – 2005):

1. Prepared and submitted the First Quarter 2005 Groundwater Monitoring Report.
2. Performed second quarter 2005 groundwater monitoring event on June 23, 2005.

WORK PROPOSED FOR NEXT QUARTER (Third – 2005):

1. Prepared and submitted this Second Quarter 2005 Groundwater Monitoring Report.
2. Perform third quarter 2005 groundwater monitoring event.

Current Phase of Project:	Groundwater monitoring/sampling
Frequency of Groundwater Sampling:	Quarterly: Wells MW-2, MW-3, MW-4 and MW-8 Annual (3rd Qtr.): MW-5 and MW-6
Frequency of Groundwater Monitoring:	Quarterly: Wells MW-2 to MW-8
Is Free Product (FP) Present On-Site:	No
Bulk Soil Removed to Date:	3,208 cubic yards
Current Remediation Techniques:	None
Approximate Depth to Groundwater:	6.51 (MW-2) to 8.27 (MW-3 & MW-5)
Groundwater Gradient (direction):	Variable
Groundwater Gradient (magnitude):	0.02 to 0.005 feet per foot

DISCUSSION:

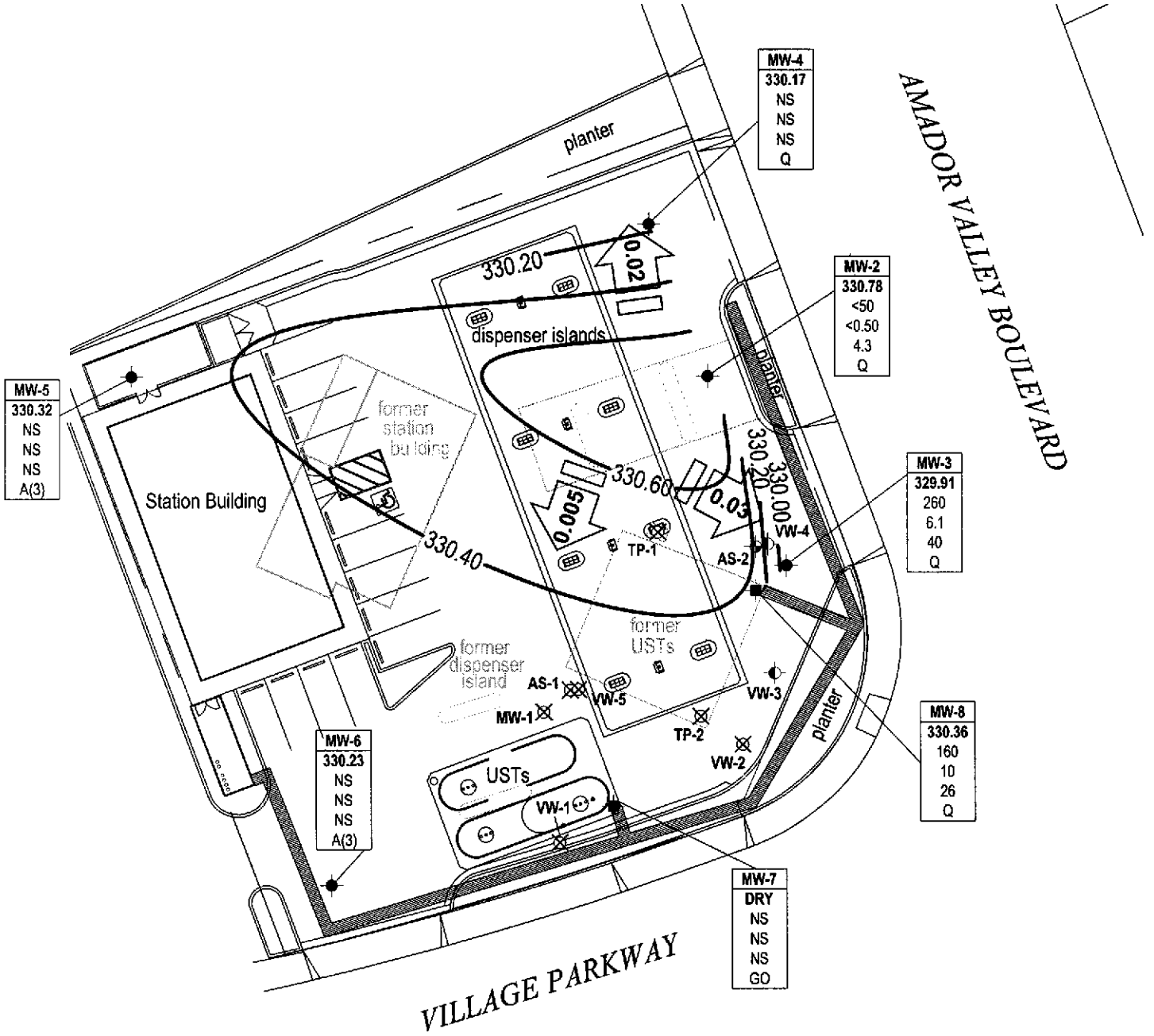
During purging prior to sampling, well MW-2 dewatered at 3.5 gallons. The VOAs for well MW-4 were all inadvertently broken at the laboratory prior to sample analysis. Gasoline range organics were detected at or above the laboratory reporting limit in two of the three wells sampled this quarter at concentrations of 160 micrograms per liter (µg/L) (MW-8) and 260 µg/L (MW-3). Benzene was detected at or above the laboratory reporting limit in two wells at concentrations of 6.1 µg/L (MW-3) and 10 µg/L (MW-8). Toluene was detected at or above the laboratory reporting limit in one well at a concentration of 1.1 µg/L (MW-3). Ethylbenzene was detected at or above the laboratory reporting limit in two wells at concentrations of 0.65 µg/L (MW-3) and 3.8 µg/L (MW-8). Xylenes were detected at or above the laboratory reporting limit in two wells at concentrations of 2.8 µg/L (MW-3) and 5.4 µg/L (MW-8). Methyl tert-butyl ether was detected at or above the laboratory reporting limit in all three wells at concentrations ranging from 4.3 µg/L (MW-2) to 40 µg/L (MW-3). Tert-butyl alcohol was detected at or above the laboratory reporting limit in all three wells at concentrations ranging from 440 µg/L (MW-8) to 9,400 µg/L (MW-3). No other fuel components were detected at or above their respective laboratory detection limits in any of the wells sampled this quarter.

RECOMMENDATIONS:

As URS previously recommended, a new sampling schedule will be implemented in the third quarter. Wells MW-4 will be sampled annually (third quarter) and MW-8 will be sampled semiannually (first quarter and third quarter) unless URS receives instruction from the regulator to maintain the current sampling schedule.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – June 23, 2005
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additive Analytical Data
- Table 3 –Groundwater Flow Direction and Gradient
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports and Chain-of-Custody Records
- Attachment C – Error Check Reports and EDF/Geowell Submittal Confirmations



EXPLANATION

- Groundwater monitoring well
- Vapor extraction well
- Shell monitoring well
- Air sparge well
- Tank pit observation well
- Abandoned well
- 329.00 Groundwater elevation contour, dashed where inferred (feet above MSL)
- 0.02 Approximate goundwater flow direction and gradient (MSL)
- Well designation
- ELEV Groundwater elevation
- GRO, Benzene & MTBE concentration in micrograms per liter (µg/L)
- Q or A Sampling period
- < Not detected at or above laboratory reporting times
- NS Not sampled
- A(3) Sampled annually, 3rd quarter
- GO Gage only
- Q Sampled quarterly
- Remediation piping trench

NOTE: SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES. SITE DIMESIONS AND FACILITY LOCATIONS NOT VERIFIED.

NORTH

0 20 40 80

Scale (ft)

URS	Project No. 38487188 ARCO Service Station #6041 7249 Village Parkway Dublin, California	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP Second Quarter 2005 (June 23, 2005)	FIGURE 1

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #6041
7249 Village Parkway, Dublin, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-1	02/15/1995	--		336.56	14.00	17.50	8.53	328.03	820	15	<1	5.2	1.4	--	--	--
	05/24/1995	--		336.56	14.00	17.50	9.00	327.56	640	12	<1	7.3	<1	--	--	--
	08/25/1995	--		336.56	14.00	17.50	10.30	326.26	780	2	<1	2	2	2,500	--	--
	11/28/1995	--		336.56	14.00	17.50	11.01	325.55	570	2.2	<0.5	1.4	0.9	--	--	--
	02/26/1996	--		336.56	14.00	17.50	7.35	329.21	1,100	28	<7	13	7	3,400	--	--
	05/23/1996	--		336.56	14.00	17.50	8.73	327.83	560	8.5	<1	1.1	<1	3,900	--	--
	08/23/1996	--		336.56	14.00	17.50	10.25	326.31	860	<1	<1	<4	2	5,600	--	--
	03/21/1997	--		336.56	14.00	17.50	9.35	327.21	520	12	<0.5	2.7	1.5	6,200	--	--
	08/20/1997	--		336.56	14.00	17.50	10.75	325.81	<5,000	<50	<50	<50	<50	7,400	--	--
	11/21/1997	--		336.56	14.00	17.50	11.10	325.46	<5,000	<50	<50	<50	<50	8,500	--	--
	02/12/1998	P		336.56	14.00	17.50	7.05	329.51	210	<0.5	<0.5	<0.5	<0.5	8,900	1.71	--
	07/31/1998	P		336.56	14.00	17.50	10.04	326.52	<20,000	<200	<200	<200	<200	18,000	2.43	--
	02/17/1999	--		336.56	14.00	17.50	8.50	328.06	<20,000	<200	<200	<200	<200	16,000	1.0	--
	08/24/1999	P		336.56	14.00	17.50	10.40	326.16	190	<0.5	4.4	<0.5	1.1	15,000	--	--
	03/01/2000	P		336.56	14.00	17.50	8.85	327.71	310	20	0.5	7.6	4.0	80,000	1.57	--
	08/18/2000	P		336.56	14.00	17.50	9.35	327.21	<10,000	<100	<100	<100	<100	48,400/ 63,700	1.50	--
	12/27/2000	P		336.56	14.00	17.50	10.81	325.75	<10,000	309	<100	<100	289	44,400	0.51	--
	02/09/2001	--	i	336.56	14.00	17.50	--	--	3,490	432	9.56	146	235	31,800	--	--
	02/09/2001	P		336.56	14.00	17.50	10.65	325.91	2,820	368	<25.0	116	176	23,300	0.58	--
	04/17/2001	--	i	336.56	14.00	17.50	--	--	2,600	70.1	<20.0	32.7	30.6	45,400	--	--
	04/17/2001	P		336.56	14.00	17.50	11.09	325.47	2,900	66.0	<10.0	33.2	25.1	46,500	0.63	--
	07/17/2001	P		336.56	14.00	17.50	11.07	325.59	<10,000	<100	<100	130	520	42,000	0.69	--
	12/21/2001	--	k	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	02/15/1995	--		334.80	10.50	14.00	6.75	328.05	730	110	1.7	25	66	--	--	--
	05/24/1995	--		334.80	10.50	14.00	6.88	327.92	370	110	<1	17	1.9	--	--	--
	08/25/1995	--		334.80	10.50	14.00	7.91	326.89	150	6	<1	<1	<1	2,700	--	--
	11/28/1995	--		334.80	10.50	14.00	9.06	325.74	<50	<0.5	<0.5	<0.5	0.8	--	--	--
	02/26/1996	--		334.80	10.50	14.00	6.65	328.15	350	66	<0.5	11	1.7	<3	--	--
	05/23/1996	--		334.80	10.50	14.00	6.90	327.90	540	140	<2.5	13	<2.5	4,600	--	--
	08/23/1996	--		334.80	10.50	14.00	8.45	326.35	180	0.8	2	0.7	2.6	4,000	--	--
	03/21/1997	--		334.80	10.50	14.00	7.28	327.52	410	90	<1	14	4	3,800	--	--
	08/20/1997	--		334.80	10.50	14.00	8.87	325.93	<5,000	<50	<50	<50	<50	3,100	--	--

Table 1

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ARCO Service Station #6041
7249 Village Parkway, Dublin, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-2	11/21/1997	--		334.80	10.50	14.00	9.28	325.52	<2,000	<20	<20	<20	<20	2,600	--	--
	02/12/1998	P		334.80	10.50	14.00	5.90	328.90	310	54	<0.5	6.2	1.1	3,800	3.76	--
	07/31/1998	P		334.80	10.50	14.00	8.12	326.68	6,100	52	220	110	1,100	7,700	2.96	--
	02/17/1999	P		334.80	10.50	14.00	7.18	327.62	<5,000	<50	<50	<50	<50	4,200	1.0	--
	08/24/1999	P		334.80	10.50	14.00	8.68	326.12	200	1.8	16	3.0	32	3,100	--	--
	03/01/2000	P		334.80	10.50	14.00	7.02	327.78	760	24	12	13	59	6,300	1.92	--
	08/18/2000	P		334.80	10.50	14.00	7.75	327.05	<500	<5.00	<5.00	<5.00	<5.00	1,610/1,980	2.03	--
	12/27/2000	--		334.80	10.50	14.00	8.85	325.95	--	--	--	--	--	--	--	--
	02/09/2001	P		334.80	10.50	14.00	8.50	326.30	<50.0	<0.500	<0.500	<0.500	<0.500	9.11	0.53	--
	04/17/2001	--		334.80	10.50	14.00	9.12	325.68	--	--	--	--	--	--	--	--
	07/17/2001	--	i	334.80	10.50	14.00	--	--	3,500	<10	<10	<10	<10	3,500	--	--
	07/17/2001	P		334.80	10.50	14.00	8.99	325.81	1,200	<10	<10	<10	<10	4,200	0.69	--
	12/21/2001	NP		334.80	10.50	14.00	8.65	326.15	65	<0.50	1.2	0.61	6.7	11/6.5	0.48	--
	03/06/2002	NP		334.80	10.50	14.00	8.61	326.19	<50	<0.50	<0.50	<0.50	1.8	31	0.35	--
	04/26/2002	NP		334.80	10.50	14.00	8.20	326.60	92	<0.5	<0.50	<0.50	0.64	98/180	0.19	--
	09/23/2002	P	a, d	334.80	10.50	14.00	8.50	326.30	250	<1.2	<1.2	<1.2	<1.2	1,500	2.1	7.3
	12/27/2002	P	a, d	334.80	10.50	14.00	7.15	327.65	440	<2.5	<2.5	<2.5	<2.5	790	1.4	6.9
	03/12/2003	P	f, g	334.80	10.50	14.00	7.33	---	<50	1.6	<0.50	<0.50	1.2	11	2.7	7.0
	06/28/2003	P	h	337.29	10.50	14.00	7.49	329.80	<50	<0.50	<0.50	<0.50	<0.50	1.2	2.0	7.4
	09/30/2003	P		337.29	10.50	14.00	8.20	329.09	<50	<0.50	<0.50	<0.50	<0.50	5.2	2.2	7.0
	12/05/2003	NP		337.29	10.50	14.00	7.73	329.56	<50	<0.50	<0.50	<0.50	<0.50	2.6	4.30	7.3
	03/10/2004	P		337.29	10.50	14.00	6.70	330.59	<500	<5.0	<5.0	<5.0	<5.0	5.6	2.10	6.4
	06/21/2004	P		337.29	10.50	14.00	7.71	329.58	160	<1.0	<1.0	<1.0	<1.0	1.5	3.10	6.9
	09/17/2004	P		337.29	10.50	14.00	7.45	329.84	<100	<1.0	<1.0	<1.0	<1.0	1.0	3.80	7.0
	12/13/2004	P		337.29	10.50	14.00	7.04	330.25	<50	<0.50	<0.50	<0.50	<0.50	0.54	3.20	6.8
	03/03/2005	P		337.29	10.50	14.00	6.18	331.11	<500	<5.0	<5.0	<5.0	<5.0	<5.0	3.0	--
	06/23/2005	**P**	**n**	**337.29**	**10.50**	**14.00**	**6.51**	**330.78**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**4.3**	**2.60**	**7.0**
MW-3	02/15/1995	--		335.53	12.00	15.00	8.55	326.98	100	14	<0.5	6.3	<0.5	--	--	--
	05/24/1995	--		335.53	12.00	15.00	8.17	327.36	110	8	<0.5	2.7	<0.5	--	--	--
	08/25/1995	--		335.53	12.00	15.00	9.27	326.26	210	3.6	<0.5	2.9	0.6	20,000	--	--
	11/28/1995	--		335.53	12.00	15.00	9.91	325.62	81	1.5	<0.5	1.4	<0.5	15,000	--	--
	02/26/1996	--		335.53	12.00	15.00	8.42	327.11	16,000	1,600	1,200	300	2,000	9,500	--	--
	05/23/1996	--		335.53	12.00	15.00	7.70	327.83	6,500	690	<10	120	14	8,600	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #6041
7249 Village Parkway, Dublin, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-3	08/23/1996	--		335.53	12.00	15.00	9.25	326.28	1,700	85	2.1	61	5.3	11,000	--	--
	03/21/1997	--		335.53	12.00	15.00	8.72	326.81	100	2	<1	1	<1	6,600	--	--
	08/20/1997	--		335.53	12.00	15.00	9.73	325.80	<5,000	<50	<50	<50	<50	7,700	--	--
	11/21/1997	--		335.53	12.00	15.00	10.10	325.43	<5,000	<50	<50	<50	<50	9,700	--	--
	02/12/1998	P		335.53	12.00	15.00	6.68	328.85	110	11	<0.5	<0.5	1.9	10,000	1.02	--
	07/31/1998	P		335.53	12.00	15.00	7.98	327.55	<10,000	<100	<100	<100	<100	13,000	2.59	--
	02/17/1999	P		335.53	12.00	15.00	8.40	327.13	<20,000	<200	<200	<200	<200	23,000	1.0	--
	08/24/1999	P		335.53	12.00	15.00	9.45	326.08	200	0.6	5.6	0.6	1.7	22,000	--	--
	03/01/2000	P		335.53	12.00	15.00	8.32	327.21	320	32	1	6.1	4	58,000	2.42	--
	08/18/2000	P		335.53	12.00	15.00	8.35	327.18	<10,000	<100	<100	<100	<100	46200/55600	1.59	--
	12/27/2000	P		335.53	12.00	15.00	9.75	326.78	29,700	1,620	1,730	<250	6,230	62,600	1.59	--
	02/09/2001	P		335.53	12.00	15.00	9.61	325.92	29,300	2,590	3,530	440	7,080	85,500	0.51	--
	04/17/2001	P		335.53	12.00	15.00	9.94	325.59	16,400	1,680	<25.0	310	2,290	48,700	0.41	--
	07/17/2001	P		335.53	12.00	15.00	9.93	325.60	21,000	1,500	<100	1,100	690	82,000	0.51	--
	12/21/2001	P		335.53	12.00	15.00	9.40	326.13	<5,000	<50	<50	<50	<50	4,300/3,800	0.40	--
	03/06/2002	P		335.53	12.00	15.00	9.33	326.20	<50	1.2	<0.50	1.1	13	880	0.43	--
	04/26/2002	P		335.53	12.00	15.00	9.19	326.34	260	3.7	<1.0	1.1	1.8	460/940	0.2	--
	09/23/2002	P	b, d	335.53	12.00	15.00	9.30	326.23	1,500	41	2.4	9.8	14	980	1.5	7.6
	12/27/2002	P	c, d	335.53	12.00	15.00	7.30	328.23	1,500	300	100	21	66	1,100	2.2	8.6
	03/12/2003	P	f, g	335.53	12.00	15.00	8.06	327.47	<1,000	<10	<10	<10	<10	45	1.6	7.4
	06/28/2003	P	h	338.18	12.00	15.00	8.60	329.58	1,500	20	27	12	45	140	1.7	7.6
	09/30/2003	P		338.18	12.00	15.00	9.04	315.00	<2,500	<25	<25	<25	<25	650	0.9	7.4
	12/05/2003	P		338.18	12.00	15.00	8.57	329.61	<2,500	<25	<25	<25	<25	480	1.30	--
	03/10/2004	P		338.18	12.00	15.00	7.58	330.60	180	7.4	<1.0	<1.0	<1.0	75	2.0	--
	06/21/2004	P	o	338.18	12.00	15.00	8.51	329.67	<2,500	<25	<25	<25	<25	370	4.60	7.6
	09/17/2004	P		338.18	12.00	15.00	8.38	329.80	<5,000	<50	<50	<50	<50	280	1.80	7.1
	12/13/2004	P	o	338.18	12.00	15.00	8.04	330.14	520	89	4.6	3.9	5.8	460	1.90	7.6
	03/03/2005	P		338.18	12.00	15.00	6.89	331.29	300	23	<2.5	<2.5	<2.5	130	1.80	7.6
	06/23/2005	**P**	n	**338.18**	**12.00**	**15.00**	**8.27**	**329.91**	**260**	**6.1**	**1.1**	**0.65**	**2.8**	**40**	**1.40**	**8.0**
MW-4	02/15/1995	--		334.22	8.50	14.50	7.85	326.37	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
	05/24/1995	--		334.22	8.50	14.50	6.68	327.54	--	--	--	--	--	--	--	--
	08/25/1995	--		334.22	8.50	14.50	6.93	327.29	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #6041
7249 Village Parkway, Dublin, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-4	11/28/1995	--		334.22	8.50	14.50	8.21	326.01	--	--	--	--	--	--	--	--
	02/26/1996	--		334.22	8.50	14.50	6.65	327.57	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--
	05/23/1996	--		334.22	8.50	14.50	6.47	327.75	--	--	--	--	--	--	--	--
	08/23/1996	--		334.22	8.50	14.50	7.66	326.56	--	--	--	--	--	--	--	--
	03/21/1997	--		334.22	8.50	14.50	6.84	327.38	--	--	--	--	--	--	--	--
	08/20/1997	--		334.22	8.50	14.50	8.32	325.90	--	--	--	--	--	--	--	--
	11/21/1997	--		334.22	8.50	14.50	8.65	325.57	--	--	--	--	--	--	--	--
	02/12/1998	--		334.22	8.50	14.50	6.35	327.87	--	--	--	--	--	--	--	--
	07/31/1998	--		334.22	8.50	14.50	6.84	327.38	--	--	--	--	--	--	--	--
	02/17/1999	--		334.22	8.50	14.50	7.50	326.72	--	--	--	--	--	--	--	--
	08/24/1999	--		334.22	8.50	14.50	9.50	324.72	--	--	--	--	--	--	--	--
	03/01/2000	--		334.22	8.50	14.50	6.93	327.29	--	--	--	--	--	--	--	--
	08/18/2000	--		334.22	8.50	14.50	7.03	327.19	--	--	--	--	--	--	--	--
	12/27/2000	--		334.22	8.50	14.50	8.10	326.12	--	--	--	--	--	--	--	--
	02/09/2001	--		334.22	8.50	14.50	7.97	326.25	--	--	--	--	--	--	--	--
	04/17/2001	--		334.22	8.50	14.50	8.90	325.32	--	--	--	--	--	--	--	--
	07/17/2001	--		334.22	8.50	14.50	8.59	325.63	--	--	--	--	--	--	--	--
	12/21/2001	NP		334.22	8.50	14.50	8.31	325.91	<50	<0.50	<0.50	<0.50	<0.50	4.1/2.0	0.68	--
	03/06/2002	P		334.22	8.50	14.50	8.27	325.95	<50	<0.50	<0.50	<0.50	<0.50	<5.0	0.37	--
	04/26/2002	P		334.22	8.50	14.50	8.05	326.17	<50	<0.50	<0.50	<0.50	<0.50	3.6	0.3	--
	09/23/2002	P		334.22	8.50	14.50	7.94	326.28	<50	<0.50	<0.50	<0.50	<0.50	2.9	4.1	7.3
	12/27/2002	--		334.22	8.50	14.50	7.56	326.66	<50	<0.50	<0.50	<0.50	<0.50	2.6	2.1	6.9
	03/12/2003	P	g	334.22	8.50	14.50	7.67	326.55	<50	<0.50	<0.50	<0.50	<0.50	1.6	2.8	6.8
	06/28/2003	P	h	336.87	8.50	14.50	7.60	329.27	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	5.6
	09/30/2003	--		336.87	8.50	14.50	7.66	329.21	<50	<0.50	<0.50	<0.50	<0.50	1.4	2.2	6.9
	12/05/2003	P		336.87	8.50	14.50	5.61	331.26	<50	<0.50	<0.50	<0.50	<0.50	2.3	3.0	--
	03/10/2004	P		336.87	8.50	14.50	6.84	330.03	<50	<0.50	<0.50	<0.50	<0.50	2.1	4.0	--
	06/21/2004	P		336.87	8.50	14.50	7.35	329.52	<50	<0.50	<0.50	<0.50	<0.50	2.0	5.40	6.2
	09/17/2004	P		336.87	8.50	14.50	7.30	329.57	<50	<0.50	<0.50	<0.50	<0.50	3.5	3.0	6.9
	12/13/2004	P		336.87	8.50	14.50	7.08	329.79	<50	<0.50	<0.50	<0.50	<0.50	5.4	4.0	6.8
	03/03/2005	P		336.87	8.50	14.50	8.11	328.76	<50	<0.50	<0.50	<0.50	<0.50	6.3	2.90	6.9
	06/23/2005	**P**	**p**	**336.87**	**8.50**	**14.50**	**6.70**	**330.17**	--	--	--	--	--	--	**2.20**	**6.7**
MW-5	02/15/1995	--		335.87	11.00	17.50	7.80	328.07	<50	<0.5	<0.5	<0.5	<0.5	--	--	--

Table 1

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Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-5	05/24/1995	--		335.87	11.00	17.50	8.10	327.77	--	--	--	--	--	--	--	--
	08/25/1995	--		335.87	11.00	17.50	9.43	326.44	--	--	--	--	--	--	--	--
	11/28/1995	--		335.87	11.00	17.50	10.12	325.75	--	--	--	--	--	--	--	--
	02/26/1996	--		335.87	11.00	17.50	6.73	329.14	--	<0.5	<0.5	<0.5	<0.5	<3	--	--
	05/23/1996	--		335.87	11.00	17.50	7.87	328.00	--	--	--	--	--	--	--	--
	08/23/1996	--		335.87	11.00	17.50	9.46	326.41	--	--	--	--	--	--	--	--
	03/21/1997	--		335.87	11.00	17.50	8.23	327.64	--	--	--	--	--	--	--	--
	08/20/1997	--		335.87	11.00	17.50	9.92	325.95	--	--	--	--	--	--	--	--
	11/21/1997	--		335.87	11.00	17.50	10.18	325.69	--	--	--	--	--	--	--	--
	02/12/1998	--		335.87	11.00	17.50	6.45	329.42	--	--	--	--	--	--	--	--
	07/31/1998	--		335.87	11.00	17.50	8.98	326.89	--	--	--	--	--	--	--	--
	02/17/1999	--		335.87	11.00	17.50	7.65	328.22	--	--	--	--	--	--	--	--
	08/24/1999	--		335.87	11.00	17.50	8.10	327.77	--	--	--	--	--	--	--	--
	03/01/2000	--		335.87	11.00	17.50	7.31	328.56	--	--	--	--	--	--	--	--
	08/18/2000	--		335.87	11.00	17.50	8.65	327.22	--	--	--	--	--	--	--	--
	12/27/2000	--		335.87	11.00	17.50	9.80	326.07	--	--	--	--	--	--	--	--
	02/09/2001	--		335.87	11.00	17.50	9.65	326.22	--	--	--	--	--	--	--	--
	04/17/2001	--		335.87	11.00	17.50	9.92	325.95	--	--	--	--	--	--	--	--
	07/17/2001	--		335.87	11.00	17.50	9.95	325.92	--	--	--	--	--	--	--	--
	12/21/2001	--	m	335.87	11.00	17.50	--	--	--	--	--	--	--	--	--	--
	03/06/2002	--	m	335.87	11.00	17.50	--	--	--	--	--	--	--	--	--	--
	04/26/2002	--	m	335.87	11.00	17.50	--	--	--	--	--	--	--	--	--	--
	09/23/2002	--		335.87	11.00	17.50	7.94	327.93	--	--	--	--	--	--	--	--
	12/27/2002	--		335.87	11.00	17.50	7.57	328.30	<50	<0.50	<0.50	<0.50	0.76	15	0.7	6.9
	03/12/2003	--	g	335.87	11.00	17.50	8.32	327.55	--	--	--	--	--	--	--	--
	06/28/2003	--	h	338.59	11.00	17.50	8.58	330.01	--	--	--	--	--	--	--	--
	09/30/2003	--		338.59	11.00	17.50	9.28	329.31	--	--	--	--	--	--	--	--
	12/05/2003	P		338.59	11.00	17.50	9.11	329.48	<50	<0.50	<0.50	<0.50	<0.50	22	2.90	--
	03/10/2004	--		338.59	11.00	17.50	7.57	331.02	--	--	--	--	--	--	--	--
	06/21/2004	--		338.59	11.00	17.50	8.68	329.91	--	--	--	--	--	--	--	--
	09/17/2004	--		338.59	11.00	17.50	--	--	--	--	--	--	--	--	--	--
	09/24/2004	P		338.59	11.00	17.50	8.53	330.06	<50	<0.50	<0.50	<0.50	<0.50	17	1.90	6.8
	12/13/2004	--		338.59	11.00	17.50	8.28	330.31	--	--	--	--	--	--	--	--
	03/03/2005	--		338.59	11.00	17.50	6.78	331.81	--	--	--	--	--	--	--	--

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Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-5	**06/23/2005**	--		**338.59**	**11.00**	**17.50**	**8.27**	**330.32**	--	--	--	--	--	--	--	--
MW-6	02/15/1995	--		335.84	8.50	12.70	7.81	328.03	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
	05/24/1995	--		335.84	8.50	12.70	8.35	327.49	--	--	--	--	--	--	--	--
	08/25/1995	--		335.84	8.50	12.70	9.71	326.13	--	--	--	--	--	--	--	--
	11/28/1995	--		335.84	8.50	12.70	10.28	325.56	--	--	--	--	--	--	--	--
	02/26/1996	--		335.84	8.50	12.70	6.60	329.24	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--
	05/23/1996	--		335.84	8.50	12.70	8.05	327.79	--	--	--	--	--	--	--	--
	08/23/1996	--		335.84	8.50	12.70	9.58	326.26	--	--	--	--	--	--	--	--
	03/21/1997	--		335.84	8.50	12.70	8.39	327.45	--	--	--	--	--	--	--	--
	08/20/1997	--		335.84	8.50	12.70	9.98	325.86	--	--	--	--	--	--	--	--
	11/21/1997	--		335.84	8.50	12.70	10.31	325.53	--	--	--	--	--	--	--	--
	02/12/1998	--		335.84	8.50	12.70	3.15	332.69	--	--	--	--	--	--	--	--
	07/31/1998	--		335.84	8.50	12.70	9.29	326.55	--	--	--	--	--	--	--	--
	02/17/1999	--		335.84	8.50	12.70	7.72	328.12	--	--	--	--	--	--	--	--
	08/24/1999	--		335.84	8.50	12.70	9.65	326.19	--	--	--	--	--	--	--	--
	03/01/2000	--		335.84	8.50	12.70	7.35	328.49	--	--	--	--	--	--	--	--
	08/18/2000	--		335.84	8.50	12.70	8.65	327.19	--	--	--	--	--	--	--	--
	12/27/2000	--		335.84	8.50	12.70	9.83	326.01	--	--	--	--	--	--	--	--
	02/09/2001	--		335.84	8.50	12.70	9.62	326.22	--	--	--	--	--	--	--	--
	04/17/2001	--		335.84	8.50	12.70	10.03	325.81	--	--	--	--	--	--	--	--
	07/17/2001	--		335.84	8.50	12.70	9.95	325.89	--	--	--	--	--	--	--	--
	12/21/2001	NP		335.84	8.50	12.70	9.47	326.37	<50	<0.50	<0.50	<0.50	0.57	<2.5	0.55	--
	03/06/2002	P		335.84	8.50	12.70	9.31	326.53	<50	<0.50	<0.50	<0.50	<0.50	<5.0	0.33	--
	04/26/2002	P		335.84	8.50	12.70	9.09	326.75	<50	<0.50	<0.50	<0.50	0.7	<2.5	0.31	--
	09/23/2002	P		335.84	8.50	12.70	9.14	326.70	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	7.4
	12/27/2002	--		335.84	8.50	12.70	7.26	328.58	<50	<0.50	<0.50	<0.50	0.63	0.91	0.8	7.0
	03/12/2003	P	g	335.84	8.50	12.70	8.41	327.43	<50	<0.50	<0.50	<0.50	<0.50	0.64	1.3	7.2
	06/28/2003	P	h	338.37	8.50	12.70	8.56	329.81	<50	<0.50	<0.50	<0.50	<0.50	0.62	1.6	6.8
	09/30/2003	--		338.37	8.50	12.70	9.32	329.05	<250	<2.5	<2.5	<2.5	<2.5	3.9	0.8	7.0
	12/05/2003	--		338.37	8.50	12.70	8.96	329.41	--	--	--	--	--	--	--	--
	03/10/2004	--		338.37	8.50	12.70	7.65	330.72	--	--	--	--	--	--	--	--
	06/21/2004	--		338.37	8.50	12.70	8.58	329.79	--	--	--	--	--	--	--	--
	09/17/2004	P		338.37	8.50	12.70	8.47	329.90	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.80	7.0

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Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-6	12/13/2004	--		338.37	8.50	12.70	8.04	330.33	--	--	--	--	--	--	--	--
	03/03/2005	--		338.37	8.50	12.70	6.60	331.77	--	--	--	--	--	--	--	--
	06/23/2005	--		**338.37**	**8.50**	**12.70**	**8.14**	**330.23**	--	--	--	--	--	--	--	--
MW-7	12/21/2001	--	j	--	--	8.00	--	--	--	--	--	--	--	--	--	--
	03/06/2002	--	j	--	--	8.00	--	--	--	--	--	--	--	--	--	--
	04/26/2002	--	j	--	--	8.00	--	--	--	--	--	--	--	--	--	--
	09/23/2002	--	j	--	--	8.00	--	--	--	--	--	--	--	--	--	--
	12/27/2002	--	e	--	--	8.00	7.74	--	<50	<0.50	<0.50	<0.50	<0.50	4.7	2.7	7.0
	03/12/2003	--	g, j	--	--	8.00	--	--	--	--	--	--	--	--	--	--
	06/28/2003	--	h, j	338.62	--	8.00	--	--	--	--	--	--	--	--	--	--
	09/30/2003	--	j	338.62	--	8.00	--	--	--	--	--	--	--	--	--	--
	12/05/2003	--	j	338.62	--	8.00	--	--	--	--	--	--	--	--	--	--
	03/10/2004	--		338.62	--	8.00	7.78	330.84	--	--	--	--	--	--	--	--
	06/21/2004	--	j	338.62	--	8.00	--	--	--	--	--	--	--	--	--	--
	09/17/2004	--	j	338.62	--	8.00	--	--	--	--	--	--	--	--	--	--
	12/13/2004	--	j	338.62	--	8.00	--	--	--	--	--	--	--	--	--	--
	03/03/2005	--		338.62	--	8.00	6.81	331.81	--	--	--	--	--	--	--	--
	06/23/2005	--	j	**338.62**	--	**8.00**	--	--	--	--	--	--	--	--	--	--
MW-8	12/21/2001	NP		--	--	12.60	8.70	--	<5,000	67	<50	<50	<50	2,400/1,300	0.60	--
	03/06/2002	--	i	--	--	12.60	--	--	170	37	0.67	0.7	1.9	740	--	--
	03/06/2002	P		--	--	12.60	8.63	--	210	41	0.64	0.79	2.0	940	0.25	--
	04/26/2002	--	i	--	--	12.60	--	--	480	74	3.5	11	<1.0	640	--	--
	04/26/2002	P		--	--	12.60	8.15	--	680	95	<1.0	14	2.5	490	0.31	--
	09/30/2002	P	c	--	--	12.60	9.37	--	1,100	120	<5.0	57	8.7	1,100	1.3	6.9
	12/27/2002	P	b	--	--	12.60	7.55	--	350	13	<0.50	2.4	2.2	73	0.8	6.9
	03/12/2003	P	g	--	--	12.60	8.25	--	<2,500	89	<25	<25	<25	740	1.4	6.9
	06/28/2003	P	h	338.27	--	12.60	8.38	329.89	7,000	680	<25	110	180	2,900	1.9	4.8
	09/30/2003	P	a	338.27	--	12.60	9.09	329.18	1,500	240	18	45	150	180	1.0	6.8
	12/05/2003	P		338.27	--	12.60	8.37	329.90	590	60	<2.5	15	4.2	150	1.50	7.1
	03/10/2004	P		338.27	--	12.60	7.41	330.86	690	50	<5.0	7.4	6.8	370	2.20	6.3
	06/21/2004	P		338.27	--	12.60	8.41	329.86	1,300	200	<5.0	65	82	400	0.80	6.8
	09/17/2004	P		338.27	--	12.60	8.25	330.02	580	17	<0.50	1.9	5.8	22	1.30	6.6
	12/13/2004	P		338.27	--	12.60	7.78	330.49	380	24	<0.50	18	4.9	6.6	1.0	6.7

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MW-8	03/03/2005	P		338.27	--	12.60	6.48	331.79	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.90	6.8
	06/23/2005	**P**	**n**	**338.27**	**--**	**12.60**	**7.91**	**330.36**	**160**	**10**	**<0.50**	**3.8**	**5.4**	**26**	**1.80**	**6.8**
Shell MW-7	12/27/2000	P		--	--	--	6.45	--	<50.0	<0.500	0.696	<0.500	0.795	<2.50	1.33	--
	02/09/2001	P		--	--	--	6.39	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	1.13	--
	04/17/2001	P		--	--	--	7.22	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	1.12	--
	07/17/2001	P		--	--	--	6.93	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.05	--
	12/21/2001	P		--	--	--	7.15	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	03/06/2002	P		--	--	--	7.03	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	0.95	--
	04/26/2002	P		--	--	--	7.15	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.95	--
	09/27/2002	--	k	--	--	--	--	--	--	--	--	--	--	--	--	--
Shell MW-6	12/27/2000	--	i	--	--	--	--	--	79.3	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
	12/27/2000	P		--	--	--	9.13	--	74.7	<0.500	<0.500	<0.500	<0.500	<2.50	1.3	--
	02/09/2001	P		--	--	--	9.05	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	1.29	--
	04/17/2001	P		--	--	--	10.17	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	0.95	--
	07/17/2001	P	i	--	--	--	9.50	--	<50	<0.50	<0.50	<0.50	<0.50	4.2	1.03	--
	12/21/2001	P		--	--	--	9.98	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.97	--
	03/06/2002	P		--	--	--	9.90	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	0.97	--
	04/26/2002	P		--	--	--	9.47	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.97	--
	09/27/2002	--	k	--	--	--	--	--	--	--	--	--	--	--	--	--
VW-2	03/21/1997	--		--	4.00	9.50	8.22	--	150	8.9	<0.5	<0.5	0.6	270	--	--
	08/20/1997	--		--	4.00	9.50	9.16	--	--	--	--	--	--	--	--	--
	11/21/1997	--		--	4.00	9.50	8.27	--	<200	3	<2	<2	<2	180	--	--
	02/12/1998	--		--	4.00	9.50	6.65	--	200	19	<0.5	0.6	<0.5	2,200	--	--
	07/31/1998	--		--	4.00	9.50	7.01	--	--	--	--	--	--	--	--	--
	02/17/1999	--		--	4.00	9.50	8.47	--	--	--	--	--	--	--	--	--
	08/24/1999	--		--	4.00	9.50	8.20	--	--	--	--	--	--	--	--	--
	03/01/2000	--		--	4.00	9.50	8.72	--	--	--	--	--	--	--	--	--
	08/18/2000	NP		--	4.00	9.50	8.40	--	<250	<2.50	<2.50	<2.50	<2.50	537	1.59	--
	12/27/2000	--	j	--	4.00	9.50	8.95	--	--	--	--	--	--	--	--	--
	02/09/2001	--	j	--	4.00	9.50	8.87	--	--	--	--	--	--	--	--	--
	04/17/2001	--	j	--	4.00	9.50	9.00	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #6041
7249 Village Parkway, Dublin, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
VW-2	07/17/2001	--	j	--	4.00	9.50	8.97	--	--	--	--	--	--	--	--	--
	12/21/2001	--	k	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #6041
7249 Village Parkway, Dublin, CA

SYMBOLS AND ABBREVIATIONS:
-- = Not sampled/analyzed/available/applicable
< = Not detected at or above the specified laboratory reporting limit.
DO = Dissolved oxygen
DTW = Depth to water
GRO = Gasoline range organics
GWE = Groundwater elevation
mg/L = Milligrams per liter
MTBE = Methyl tert-butyl ether analyzed using EPA Method 8260B (EPA method 8020 prior to 03/01/00)
NP = Well not purged prior to sampling
P = Well purged prior to sampling
TOC = Top of casing
TPH-g = Total petroleum hydrocarbons as gasoline
µg/L = Micrograms per liter

FOOTNOTES:
a = Discrete peak at C6-C7 for GRO/TPH-g.
b = Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel for GRO/TPH-g.
c = Chromatogram Pattern: C6-C10 for GRO/TPH-g.
d = Well casing broken, TOC unknown.
e = Well mistakenly sampled this quarter
f = Well casing was repaired and needs to be resurveyed.
g = Beginning the 1st quarter of 2003, TPH-g, BTEX and MTBE were analyzed by EPA Method 8260B.
h = Elevations resurveyed on 7/21/2003.
i = Blind duplicate sample
j = Well dry
k = Well abandoned
m = Well inaccessible
n = Opening calibration verification standard for MTBE outside acceptance criteria.
o = Well dewatered
p = VOAs broken prior to analysis of sample.

NOTES:
For previous historical groundwater elevation and analytical data please refer to fourth quarter 1995 groundwater monitoring program results, ARCO Service Station 6041, Dublin, California, (EMCON, February 26, 1996).

pH levels for Well MW-3 on 12/05/03 ranged from 7.2 to 11.25.

The data within this table collected prior to September 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

The values for DO and pH levels are obtained through field measurements.

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential inclusion of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported. Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.

Table 2

Fuel Additives Analytical Data

ARCO Service Station #6041
7249 Village Parkway, Dublin, CA

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)	Footnotes/ Comments
MW-2	12/27/2002	<20,000	<10,000	790	<250	<250	<250	<250	<250	
	03/12/2003	<100	540	11	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/28/2003	<100	<20	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/30/2003	<100	290	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/05/2003	<100	730	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2004	<1,000	13,000	5.6	<5.0	<5.0	<5.0	<5.0	<5.0	
	06/21/2004	<200	2,900	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	
	09/17/2004	<200	2,100	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	12/13/2004	<100	860	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/03/2005	<1,000	5,000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	06/23/2005	**<100**	**1,900**	**4.3**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**b**
MW-3	12/27/2002	<40,000	<20,000	1,100	<500	<500	<500	<500	<500	
	03/12/2003	<2,000	6,100	45	<10	<10	<10	<10	<10	
	06/28/2003	<2,000	29,000	140	<10	<10	<10	<10	<10	
	09/30/2003	<5,000	39,000	650	<25	<25	<25	<25	<25	
	12/05/2003	<5,000	39,000	480	<25	<25	<25	<25	<25	
	03/10/2004	<200	590	75	<1.0	<1.0	<1.0	<1.0	<1.0	
	06/21/2004	<5,000	34,000	370	<25	<25	<25	<25	<25	
	09/17/2004	<10,000	53,000	280	<50	<50	<50	<50	<50	
	12/13/2004	<500	5,300	460	<2.5	<2.5	<2.5	<2.5	<2.5	
	03/03/2005	<500	940	130	<2.5	<2.5	<2.5	<2.5	<2.5	
	06/23/2005	**<100**	**9,400**	**40**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**b**
MW-4	12/27/2002	<40	<20	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/12/2003	<100	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/28/2003	<100	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/30/2003	<100	<20	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/05/2003	<100	<20	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2004	<100	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/21/2004	<100	<20	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/17/2004	<100	<20	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/13/2004	<100	85	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/03/2005	<100	<20	6.3	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5	12/27/2002	<40	<20	15	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #6041
7249 Village Parkway, Dublin, CA

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)	Footnotes/ Comments
MW-5	12/05/2003	<100	<20	22	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/24/2004	<100	<20	17	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-6	12/27/2002	<40	<20	0.91	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/12/2003	<100	<20	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/28/2003	<100	<20	0.62	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/30/2003	<500	<100	3.9	<2.5	<2.5	<2.5	<2.5	<2.5	
	09/17/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-7	12/27/2002	<40	<20	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-8	12/27/2002	<400	260	73	<5.0	<5.0	<5.0	<5.0	<5.0	
	03/12/2003	<5,000	2,200	740	<25	<25	<25	<25	<25	
	06/28/2003	<5,000	12,000	2,900	<25	<25	<25	<25	<25	
	09/30/2003	<2,000	28,000	180	<10	<10	<10	<10	<10	a
	12/05/2003	<500	500	150	<2.5	<2.5	<2.5	<2.5	<2.5	
	03/10/2004	<1,000	420	370	<5.0	<5.0	<5.0	<5.0	<5.0	
	06/21/2004	<1,000	9,200	400	<5.0	<5.0	<5.0	<5.0	<5.0	
	09/17/2004	<100	83	22	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/13/2004	<100	540	6.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/03/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/23/2005	**<100**	**440**	**26**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #6041
7249 Village Parkway, Dublin, CA

SYMBOLS AND ABBREVIATIONS:
< = Not detected at or above the laboratory reporting limit.
1,2-DCA = 1,2-Dichloroethane
DIPE = Di-isopropyl ether
EDB = 1,2-Dibromoethane
ETBE = Ethyl tert butyl ether
MTBE = Methyl tert-butyl ether
TAME = tert-Amyl methyl ether
TBA = tert-Butyl alcohol
ug/L = micrograms per liter

FOOTNOTES:
a = The result for TBA was reported with a possible high bias due to the continuing calibration verification falling outside acceptance criteria.
b = The initial analysis of TBA was within the hold time but required dilution.

NOTES:
All fuel oxygenate compounds analyzed using EPA Method 8260B.

Table 3

Groundwater Gradient Data

ARCO Service Station #6041
7249 Village Parkway, Dublin, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
2/15/1995	NR	NR
5/24/1995	East-Southeast	0.002
8/25/1995	Northwest	0.006
11/28/1995	North	0.006
2/26/1996	East	0.012
5/23/1996	Flat Gradient	Flat Gradient
8/23/1996	Flat Gradient	Flat Gradient
3/21/1997	South-Southeast	0.005
8/20/1997	South-Southwest	0.001
11/21/1997	South-Southwest	0.002
2/12/1998	East	0.024
7/31/1998	Northwest	0.01
2/17/1999	Southeast	0.007
8/24/1999	South-Southwest	0.013
3/1/2000	South-Southeast	0.005
9/26/2000	South-Southeast	0.002
12/27/2000	West-Southwest	0.003
2/9/2001	West-Southwest	0.003
4/17/2001	South-Southwest	0.015
7/17/2001	South-Southwest	0.003
12/21/2001	East	0.002
3/6/2002	East	0.003
4/26/2002	Southeast	0.003
9/27/2002	South	0.013
12/27/2002	Southeast	0.011
3/12/2003	South-Southeast	0.008
6/28/2003	South	0.001
9/30/2003	Southwest	0.002
12/5/2003	West	0.009
3/10/2004	South-Southeast	0.003
6/21/2004	Southeast	0.004
9/17/2004	Variable	0.001 - 0.007
9/17/2004	Variable	0.001-0.007
12/13/2004	East	0.002
3/3/2005	East	0.02
6/23/2005	**Variable**	**0.02 - 0.005**

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

ATTACHMENT A

FIELD PROCEDURES AND FIELD DATA SHEETS

FIELD PROCEDURES

Sampling Procedures

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

WELL GAUGING DATA

Project # 050623-DK1 Date 6/23/05 Client BP/Arco 6041

Site 7249 Village Pkwy Dublin, CA

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	C-D
MW-1	4					6.51	9.53	TOC	7
MW-2	4					8.27	13.87		6
MW-4	4					6.70	14.50		2
MW-5	4					8.27	17.39		5
MW-6	4					8.14	12.75		4
MW-7	4					Dry	8.23		3
MW-8	4					7.91	12.63		1

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050623-DU1	Station # 6041
Sampler: D. Mosuela	Date: 6/23/05
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 9.53	Depth to Water: 6.51
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

3.02

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement (X) / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer / Disposable Bailer (X) / Extraction Port / Other: ___

80% = 7.11

Top of Screen: ___

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

2.0 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 6.0 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
944	72.6	7.1	1937	2.0	
Well	Dewatered @		3.5 gal		DTW = 8.87
1025	72.4	7.0	1898		Sample DTW = 6.98

Did well dewater? (Yes) No — Gallons actually evacuated: 3.5

Sampling Time: 1025 — Sampling Date: 6/23/05

Sample I.D.: MW-2 — Laboratory: Pace (Sequoia) Other ___

Analyzed for: (GRO) (BTEX) MTBE DRO — Other: Oxy's, EDB, 1,2-DCA, Ethanol

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.6 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050623-DK1	Station # 6041
Sampler: D. Kosheka	Date: 6/23/05
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 13.87	Depth to Water: 8.27
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 / Positive Air Displacement (X) / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer / Disposable Bailer (X) / 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.

3.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 10.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
908	68.2	7.8	~~1018~~ 338 DK	4.0	
914	69.0	7.9	344	7.5	
920	69.6	8.0	301	11.0	

Did well dewater? Yes (No) Gallons actually evacuated: 11.0

Sampling Time: 930 Sampling Date: 6/23/05

Sample I.D.: MW-3 Laboratory: Pace (Sequoia) Other ___

Analyzed for: (GRO) (BTEX) MTBE DRO Other: Oxy's, EDB, 1,2-DCA, Ethanol

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050623-DL1	Station # 6041
Sampler: D. Lorrela	Date: 6/23/05
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 14.50	Depth to Water: 6.70
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

1.8

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

Purge Method: Bailer / Disposable Bailer / ~~Positive Air Displacement~~ DL / Electric Submersible X / Extraction Pump / Other: ___

Sampling Method: Bailer / Disposable Bailer X / 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.

5.1 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 15.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
845	68.7	6.7	4797	5.5	
846	69.0	6.7	4832	10.5	
847	68.6	6.7	4890	15.5	

Did well dewater? Yes (No) Gallons actually evacuated: 15.5

Sampling Time: 855 Sampling Date: 6/23/05

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: Oxy's, EDB, 1,2-DCA, Ethanol

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.2 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050623-DK1	Station # 6041
Sampler: D. Kosicla	Date: 6/23/05
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 12.63	Depth to Water: 7.91
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI (HACH)

5.02

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement X / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer / Disposable Bailer X / 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.

3.3 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 9.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
815	69.5	6.9	1256	3.5	
820	70.1	6.9	1242	7.0	
824	70.4	6.8	~~124~~ 8 1248	10.0	

Did well dewater? Yes (No) Gallons actually evacuated: 10.0

Sampling Time: 835 Sampling Date: 6/23/05

Sample I.D.: MW-8 Laboratory: Pace (Sequoia) Other ___

Analyzed for: (GRO) (BTEX) MTBE DRO Other: Oxy's, EDB, 1,2-DCA, Ethanol

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.8	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

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

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

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

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

6041
Station #

7249 Village Pkwy Dublin, CA
Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

40 gal

added equip. rinse water 1.0

any other adjustments

TOTAL GALS. RECOVERED 41.0

loaded onto BTS vehicle # 52

BTS event #	time	date
050623. PL1	1030	6/23/05

signature

* *

REC'D AT	time	date
Blaine Tech	1600	6/23/05

unloaded by signature

ATTACHMENT B

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

LABORATORY PROCEDURES

Laboratory Procedures

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

Sequoia
Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
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13 July, 2005

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

RE: ARCO #6041, Dublin, CA
Work Order: MOF0889

Enclosed are the results of analyses for samples received by the laboratory on 06/25/05 08:49. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

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URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOF0889
1333 Broadway, Suite 800	Project Number:GOC1W-0003	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	07/13/05 19:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MOF0889-01	Water	06/23/05 10:25	06/25/05 08:49
MW-3	MOF0889-02	Water	06/23/05 09:30	06/25/05 08:49
MW-8	MOF0889-04	Water	06/23/05 08:35	06/25/05 08:49
TB6040006232005	MOF0889-05	Water	06/23/05 00:00	06/25/05 08:49

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

These samples were received with intact custody seals.

Note: All samples for MW-4 were broken during the transfer of the samples from the cooler to the storage refrigerator.

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URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOF0889
1333 Broadway, Suite 800	Project Number:GOC1W-0003	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	07/13/05 19:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MOF0889-01) Water Sampled: 06/23/05 10:25 Received: 06/25/05 08:49									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5G06004	07/06/05	07/06/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**4.3**	0.50	"	"	"	"	"	"	PK
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93 %*	*60-135*		"	"	"	"	
MW-2 (MOF0889-01RE1) Water Sampled: 06/23/05 10:25 Received: 06/25/05 08:49									
tert-Butyl alcohol	**1900**	40	ug/l	2	5G11001	07/11/05	07/12/05	EPA 8260B	CL
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-135*		"	"	"	"	*CL*
MW-3 (MOF0889-02) Water Sampled: 06/23/05 09:30 Received: 06/25/05 08:49									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5G06004	07/06/05	07/06/05	EPA 8260B	
Benzene	**6.1**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.65**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**40**	0.50	"	"	"	"	"	"	PK
Toluene	**1.1**	0.50	"	"	"	"	"	"	
Xylenes (total)	**2.8**	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**260**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOF0889
1333 Broadway, Suite 800	Project Number:GOC1W-0003	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	07/13/05 19:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MOF0889-02RE1) Water Sampled: 06/23/05 09:30 Received: 06/25/05 08:49									
tert-Butyl alcohol	**9400**	200	ug/l	10	5G11001	07/11/05	07/12/05	EPA 8260B	CL
Surrogate: 1,2-Dichloroethane-d4		*104 %*		*50-135*		"	"	"	*CL*
MW-8 (MOF0889-04) Water Sampled: 06/23/05 08:35 Received: 06/25/05 08:49									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5G06004	07/06/05	07/06/05	EPA 8260B	
Benzene	**10**	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	**440**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**3.8**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**26**	0.50	"	"	"	"	"	"	PK
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**5.4**	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**160**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92 %*		*60-135*		"	"	"	

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1333 Broadway, Suite 800	Project Number:GOC1W-0003	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	07/13/05 19:11

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 5G06004 - EPA 5030B P/T / EPA 8260B										
Blank (5G06004-BLK1)				Prepared & Analyzed: 07/06/05						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*2.26*		"	*2.50*		*90*	*60-135*			
Blank (5G06004-BLK2)				Prepared & Analyzed: 07/06/05						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*2.26*		"	*2.50*		*90*	*60-135*			

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1333 Broadway, Suite 800	Project Number:GOC1W-0003	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	07/13/05 19:11

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 5G06004 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5G06004-BS1)				Prepared & Analyzed: 07/06/05						
tert-Amyl methyl ether	10.1	0.50	ug/l	10.0		101	80-115			
Benzene	9.62	0.50	"	10.0		96	65-115			
tert-Butyl alcohol	51.3	20	"	50.0		103	75-150			
Di-isopropyl ether	9.63	0.50	"	10.0		96	75-125			
1,2-Dibromoethane (EDB)	10.9	0.50	"	10.0		109	85-120			
1,2-Dichloroethane	10.1	0.50	"	10.0		101	85-130			
Ethanol	217	100	"	200		108	70-135			
Ethyl tert-butyl ether	9.48	0.50	"	10.0		95	75-130			
Ethylbenzene	10.8	0.50	"	10.0		108	75-135			
Methyl tert-butyl ether	9.94	0.50	"	10.0		99	65-125			
Toluene	10.3	0.50	"	10.0		103	85-120			
Xylenes (total)	32.6	0.50	"	30.0		109	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.25*		"	*2.50*		*90*	*60-135*			
Laboratory Control Sample (5G06004-BS2)				Prepared & Analyzed: 07/06/05						
Benzene	5.20	0.50	ug/l	6.08		86	65-115			
Ethylbenzene	8.20	0.50	"	7.84		105	75-135			
Methyl tert-butyl ether	8.39	0.50	"	9.60		87	65-125			
Toluene	32.2	0.50	"	32.9		98	85-120			
Xylenes (total)	40.3	0.50	"	38.5		105	85-125			
Gasoline Range Organics (C4-C12)	368	50	"	440		84	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.27*		"	*2.50*		*91*	*60-135*			
Laboratory Control Sample Dup (5G06004-BSD1)				Prepared & Analyzed: 07/06/05						
tert-Amyl methyl ether	10.2	0.50	ug/l	10.0		102	80-115	1	15	
Benzene	10.2	0.50	"	10.0		102	65-115	6	20	
tert-Butyl alcohol	10.7	20	"	50.0		21	75-150	131	25	HM, BA
Di-isopropyl ether	9.93	0.50	"	10.0		99	75-125	3	15	
1,2-Dibromoethane (EDB)	11.2	0.50	"	10.0		112	85-120	3	15	
1,2-Dichloroethane	10.2	0.50	"	10.0		102	85-130	1	20	
Ethanol	285	100	"	200		142	70-135	27	35	HL
Ethyl tert-butyl ether	9.59	0.50	"	10.0		96	75-130	1	25	
Ethylbenzene	11.5	0.50	"	10.0		115	75-135	6	15	
Methyl tert-butyl ether	9.50	0.50	"	10.0		95	65-125	5	20	
Toluene	10.6	0.50	"	10.0		106	85-120	3	20	
Xylenes (total)	34.2	0.50	"	30.0		114	85-125	5	20	

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URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOF0889
1333 Broadway, Suite 800	Project Number:GOC1W-0003	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	07/13/05 19:11

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 5G06004 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample Dup (5G06004-BSD1)				Prepared & Analyzed: 07/06/05						
Surrogate: 1,2-Dichloroethane-d4	*2.23*		*ug/l*	*2.50*		*89*	*60-135*			
Matrix Spike (5G06004-MS1)	**Source: MOF1001-04**			Prepared & Analyzed: 07/06/05						
Benzene	191	2.5	ug/l	30.4	180	36	65-115			LN
Ethylbenzene	77.3	2.5	"	39.2	56	54	75-135			LN
Methyl tert-butyl ether	303	2.5	"	48.0	280	48	65-125			LN
Toluene	89.8	2.5	"	164	2.6	53	85-120			LN
Xylenes (total)	111	2.5	"	192	1.7	57	85-125			LN
Gasoline Range Organics (C4-C12)	2790	250	"	2200	1300	68	70-124			LN
Surrogate: 1,2-Dichloroethane-d4	*2.27*		*"*	*2.50*		*91*	*60-135*			
Matrix Spike Dup (5G06004-MSD1)	**Source: MOF1001-04**			Prepared & Analyzed: 07/06/05						
Benzene	188	2.5	ug/l	30.4	180	26	65-115	2	20	LN
Ethylbenzene	76.0	2.5	"	39.2	56	51	75-135	2	15	LN
Methyl tert-butyl ether	304	2.5	"	48.0	280	50	65-125	0.3	20	LN
Toluene	89.2	2.5	"	164	2.6	53	85-120	0.7	20	LN
Xylenes (total)	109	2.5	"	192	1.7	56	85-125	2	20	LN
Gasoline Range Organics (C4-C12)	2750	250	"	2200	1300	66	70-124	1	20	LN
Surrogate: 1,2-Dichloroethane-d4	*2.26*		*"*	*2.50*		*90*	*60-135*			
Batch 5G11001 - EPA 5030B P/T / EPA 8260B										
Blank (5G11001-BLK1)				Prepared & Analyzed: 07/11/05						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*2.46*		*"*	*2.50*		*98*	*60-135*			

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URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOF0889
1333 Broadway, Suite 800	Project Number:GOC1W-0003	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	07/13/05 19:11

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 5G11001 - EPA 5030B P/T / EPA 8260B										
Blank (5G11001-BLK2)				Prepared & Analyzed: 07/11/05						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*2.58*		"	*2.50*		*103*	*60-135*			
Laboratory Control Sample (5G11001-BS1)				Prepared & Analyzed: 07/11/05						
tert-Amyl methyl ether	10.7	0.50	ug/l	10.0		107	80-115			
Benzene	11.8	0.50	"	10.0		118	65-115			HL
tert-Butyl alcohol	45.3	20	"	50.0		91	75-150			
Di-isopropyl ether	10.8	0.50	"	10.0		108	75-125			
1,2-Dibromoethane (EDB)	11.4	0.50	"	10.0		114	85-120			
1,2-Dichloroethane	11.2	0.50	"	10.0		112	85-130			
Ethanol	255	100	"	200		128	70-135			
Ethyl tert-butyl ether	10.6	0.50	"	10.0		106	75-130			
Ethylbenzene	9.83	0.50	"	10.0		98	75-135			
Methyl tert-butyl ether	10.3	0.50	"	10.0		103	65-125			
Toluene	11.5	0.50	"	10.0		115	85-120			
Xylenes (total)	29.8	0.50	"	30.0		99	85-125			
Surrogate: 1,2-Dichloroethane-d4	*2.31*		"	*2.50*		*92*	*60-135*			

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URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOF0889
1333 Broadway, Suite 800	Project Number:GOC1W-0003	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	07/13/05 19:11

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 5G11001 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5G11001-BS2)				Prepared & Analyzed: 07/11/05						
Benzene	6.00	0.50	ug/l	6.08		99	65-115			
Ethylbenzene	7.46	0.50	"	7.84		95	75-135			
Methyl tert-butyl ether	9.06	0.50	"	9.60		94	65-125			
Toluene	36.8	0.50	"	32.9		112	85-120			
Xylenes (total)	36.3	0.50	"	38.5		94	85-125			
Gasoline Range Organics (C4-C12)	476	50	"	440		108	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.38*		*"*	*2.50*		*95*	*60-135*			
Laboratory Control Sample Dup (5G11001-BSD1)				Prepared & Analyzed: 07/11/05						
tert-Amyl methyl ether	11.3	0.50	ug/l	10.0		113	80-115	5	15	
Benzene	11.9	0.50	"	10.0		119	65-115	0.8	20	HL
tert-Butyl alcohol	51.3	20	"	50.0		103	75-150	12	25	
Di-isopropyl ether	11.4	0.50	"	10.0		114	75-125	5	15	
1,2-Dibromoethane (EDB)	11.8	0.50	"	10.0		118	85-120	3	15	
1,2-Dichloroethane	11.4	0.50	"	10.0		114	85-130	2	20	
Ethanol	202	100	"	200		101	70-135	23	35	
Ethyl tert-butyl ether	11.0	0.50	"	10.0		110	75-130	4	25	
Ethylbenzene	10.5	0.50	"	10.0		105	75-135	7	15	
Methyl tert-butyl ether	11.0	0.50	"	10.0		110	65-125	7	20	
Toluene	12.1	0.50	"	10.0		121	85-120	5	20	HL
Xylenes (total)	31.6	0.50	"	30.0		105	85-125	6	20	
Surrogate: 1,2-Dichloroethane-d4	*2.35*		*"*	*2.50*		*94*	*60-135*			
Matrix Spike (5G11001-MS1)	**Source: MOG0004-16**			Prepared & Analyzed: 07/11/05						
Benzene	248	5.0	ug/l	60.8	200	79	65-115			
Ethylbenzene	493	5.0	"	78.4	460	42	75-135			BB,LN
Methyl tert-butyl ether	261	5.0	"	96.0	170	95	65-125			
Toluene	412	5.0	"	329	60	107	85-120			
Xylenes (total)	1740	5.0	"	385	1500	62	85-125			LN
Gasoline Range Organics (C4-C12)	11300	500	"	4400	7600	84	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.39*		*"*	*2.50*		*96*	*60-135*			

Sequoia Analytical

1885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOF0889
1333 Broadway, Suite 800	Project Number:GOC1W-0003	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	07/13/05 19:11

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 5G11001 - EPA 5030B P/T / EPA 8260B										
Matrix Spike Dup (5G11001-MSD1)	**Source: MOG0004-16**			Prepared & Analyzed: 07/11/05						
Benzene	254	5.0	ug/l	60.8	200	89	65-115	2	20	
Ethylbenzene	515	5.0	"	78.4	460	70	75-135	4	15	BB,LN
Methyl tert-butyl ether	267	5.0	"	96.0	170	101	65-125	2	20	
Toluene	421	5.0	"	329	60	110	85-120	2	20	
Xylenes (total)	1790	5.0	"	385	1500	75	85-125	3	20	LN
Gasoline Range Organics (C4-C12)	11600	500	"	4400	7600	91	70-124	3	20	
Surrogate: 1,2-Dichloroethane-d4	*2.22*		*"*	*2.50*		*89*	*60-135*			

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URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOF0889
1333 Broadway, Suite 800	Project Number:GOC1W-0003	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	07/13/05 19:11

Notes and Definitions

PK	Opening calib verification standard outside acceptance criteria
LN	MS and/or MSD below acceptance limits. See Blank Spike(LCS).
HM	Analyte recovery below established limit
HL	Analyte recovery above established limit
CL	Initial analysis within holding time but required dilution
BB,LN	Sample > 4x spike concentration.
BA	Relative percent difference out of control
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Chain of Custody Record

Project Name: Analytical for QMR sampling
BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 6041 > HistoricalBL
State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Fr
Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time:	730	Temp:	67°
Off-site Time:	1030	Temp:	69°
Sky Conditions:	Clear		
Meteorological Events:			
Wind Speed:		Direction:	

Lab Name: Sequoia	BP/AR Facility No.: 6041	Consultant/Contractor: URS
Address: 885 Jarvis Drive	BP/AR Facility Address: 7249 Village Parkway, Dublin, CA 94566	Address: 1333 Broadway, Suite 800
Morgan Hill, CA 95037	Site Lat/Long: 37.710691 / -121.926	Oakland, CA 94612
Lab PM: Lisa Race	California Global ID No.: T0600100109	Consultant/Contractor Project No.: 38487038
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G0C1W-0003	Consultant/Contractor PM: Scott Robinson
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.874.3280 / 510.874.3268
Address: P.O. Box 6549	Phase/WBS: 04 - Mon/Remed by Natural Attenuation	Report Type & QC Level: Level 1 with BDF
Moraga, CA 94570	Sub Phase/Task: 03 - Analytical	E-mail EDD To: Rachel_Lindvall@urscorp.com
Tele/Fax: 925.299.8891 / 925.299.8872	Cost Element: 05 - Subcontracted Costs	Invoice to: Atlantic Richfield Company

Lab Bottle Order No: 6041

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO / BTEX (8260)	Requested Analysis: MTBE, TAME, ETBE, DIPE, TBA (8260)	Requested Analysis: EDB, 1,2-DCA (8260)	Requested Analysis: Ethanol (8260)	Sample Point Lat/Long and Comments
1	MW-2	1025	6/23		X		01	3				3		X	X	X	X	MOT-6889
2	MW-3	930	"		"		02	3				3		X	X	X	X	
3	MW-4	855	"		"		03	3				3		X	X	X	X	
4	MW-5	835	"		"		04	3				3		X	X	X	X	
5	TB6040062320OS		"		"		05	2				2						On Hold
6																		
7																		
8																		
9																		
10																		

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Dan Koskela	Dan Koskela	6/23	1410	Sample custodian	6/23	1410
Sampler's Company: Blaine Tech	(CHEM) Sq	6/24	1020	R (CHEM) - Seq	6/24	1020
Shipment Date:		6/24	1030			
Shipment Method:					6/25/04	0845
Shipment Tracking No:						

Special Instructions:

Custody Seals In Place Yes X No Temp Blank Yes X No Cooler Temperature on Receipt 6.7 °F/C Trip Blank Yes X No

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Antea 641 | DATE REC'D AT LAB: 6/25/05 | For Regulatory Purposes?
REC. BY (PRINT): TAM | TIME REC'D AT LAB: 0845 | DRINKING WATER YES / NO
WORKORDER: MOF0889 | DATE LOGGED IN: 6-27-05 | WASTE WATER ~~YES~~ NO

(For clients requiring preservation checks at receipt, document here ↓)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) ~~Present~~ / Absent; ~~Intact~~ / Broken*	01		MW-2	(3) VOA	HCl	—	W	6/23/05	
	-02		-3						
2. Chain-of-Custody Present / Absent*	03		-4						ALL BROKEN
3. Traffic Reports or Packing List: Present / Absent	04		-5						
	05		TB 6040626232m5	(2) VOA					
4. Airbill: (Client) ~~Airbill~~ / Sticker ~~Present~~ / Absent									
5. Airbill #: 8100100 4243778									
6. Sample Labels: ~~Present~~ / Absent									
7. Sample IDs: ~~Listed~~ / Not Listed on Chain-of-Custody									
8. Sample Condition: ~~Intact~~ / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? ~~Yes~~ / No*									
10. Sample received within hold time? ~~Yes~~ / No*									
11. Adequate sample volume received? ~~Yes~~ / No*									
12. Proper Preservatives used? ~~Yes~~ / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) ~~Yes~~ / No*									
14. Temp Rec. at Lab: 6.0°C; Is temp 4 +/-2°C? Yes / No**									

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): METALS / DFF ON ICE or Problem COC

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

ATTACHMENT C

ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL CONFIRMATIONS

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

SUCCESSFUL GEO_WELL CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	7/15/2005 4:17:04 PM

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UPLOADING A GEO_WELL FILE

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

Submittal Title:	**2Q 2005 BP/ARCO 6041 GEOWELL**
Submittal Date/Time:	**7/15/2005 4:17:46 PM**
Confirmation Number:	**5196293473**

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SUCCESSFUL EDF CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	7/15/2005 4:18:48 PM
GLOBAL ID:	T0600100109
FILE UPLOADED:	ARCO#6041-EDF-MOF0889.zip

No errors were found in your EDF upload file.

If you want to submit this file to the SWRCB, choose the "Upload EDD" option in the above menu and follow the instructions.

When you complete the submittal process, you will be given a confirmation number for your submittal.

Click here to view the detections report for this upload.

ARCO # 06041
7249 VILLAGE PKWY
DUBLIN, CA 94568

Regional Board - Case #: 01-0117
SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)**

Local Agency (lead agency) - Case #: RO0000452
ALAMEDA COUNTY LOP - **(RWS)**

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	3
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	4
METHOD HOLDING TIME VIOLATIONS	4
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	N

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Electronic Submittal Information

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Your EDF file has been succcessfully uploaded!

Confirmation Number: 1770312190
Date/Time of Submittal: 7/15/2005 4:19:37 PM
Facility Global ID: T0600100109
Facility Name: ARCO # 06041
Submittal Title: 2Q 2005 BP/ARCO 6041 EDF
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

ARCO # 06041 7249 VILLAGE PKWY DUBLIN, CA 94568	**Regional Board - Case #: 01-0117** SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)** **Local Agency (lead agency) - Case #: RO0000452** ALAMEDA COUNTY LOP - **(RWS)**

CONF #	TITLE	QUARTER
1770312190	2Q 2005 BP/ARCO 6041 EDF	Q2 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	7/15/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	3
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
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- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	4
METHOD HOLDING TIME VIOLATIONS	4
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	N

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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CONTACT SITE ADMINISTRATOR.