URS

February 15, 2005

Mr. Robert Schultz
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-8577

RE: Electronic Report Submission

Dear Mr. Schultz:

The purpose of this letter is to inform you that on behalf of the Atlantic Richfield Company (RM), a BP affiliated company, URS Corporation (URS) will issue all future quarterly monitoring reports (QMR) electronically to the State Water Resources Control Board's GEOTRACKER website (http://www.geotracker.swrcb.ca.gov/). You may access your report directly from this website. If you would prefer to have a PDF copy e-mailed to you or if you would like to continue receiving a paper copy, please contact Rick Murray at (510) 874-1755.

If you have any questions regarding this submission, please call me at (510) 874-3125.

Sincerely,

URS CORPORATION

Rachel Lindvall
QMR Coordinator

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

Atlantic Richfield Company
(a BP affiliated company)

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

March 31, 2005

Re: First Quarter 2005 Groundwater Monitoring Report
ARCO Service Station #6041
7249 Village Parkway
Dublin, California
Alameda County Environmental Health Case #R0-452 / STID 1053

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

March 31, 2005

Mr. Robert Schultz
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: First Quarter 2005 Groundwater Monitoring Report
ARCO Service Station #6041
7249 Village Parkway
Dublin, California
Alameda County Environmental Health Case #R0-452 / STID 1053

Dear Mr. Schultz:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *First 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

CERTIFIED HYDROGEOLOGIST
LEONARD P. NILES
NO.HG357
EXP.3/31/06
STATE OF CALIFORNIA

Scott Robinson
Project Manager

Leonard P. Niles, C.H.G./R.G.
Senior Geologist

Enclosure: First Quarter 2005 Groundwater Monitoring Report

cc: Ms. Karen Petryna, Equiva Services, LLC, PO 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

GREPORT

FIRST QUARTER 2005 GROUNDWATER MONITORING REPORT

ARCO SERVICE STATION #6041
7249 VILLAGE PARKWAY
DUBLIN, CALIFORNIA

Prepared for
RM

March 31, 2005

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

Date: March 31, 2005

Quarter: 1Q 05

RM QUARTERLY 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

Primary Agency Case No.: R0-452 / STID 1053

WORK PERFORMED THIS QUARTER (First – 2005):

1. Performed first quarter 2005 groundwater monitoring event on March 3, 2005.
2. Prepared and submitted this First Quarter 2005 Groundwater Monitoring Report

WORK PROPOSED FOR NEXT QUARTER (Second – 2005):

1. Perform second quarter 2005 groundwater monitoring event.
2. Prepare and submit Second Quarter 2005 Groundwater Monitoring Report.

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:	6.18 (MW-2) to 8.11 (MW-4)
Groundwater Gradient (direction):	East
Groundwater Gradient (magnitude):	0.02 feet per foot

DISCUSSION:

During purging prior to sampling, wells MW-3, MW-4 and MW-8 dewatered at 5 gallons, 8.5 gallons and 4.5 gallons, respectively. The water levels were allowed to recover to 80% of the static level prior to sampling. Gasoline range organics and benzene were detected at or above their laboratory reporting limits in one of the four wells sampled this quarter at concentrations of 300 micrograms per liter (µg/L) and 23 µg/L (MW-3), respectively. Methyl tert-butyl ether was detected at or above laboratory reporting limit in two wells at concentrations of 6.3 µg/L (MW-4) and 130 µg/L (MW-3). Tert-butyl alcohol was detected at or above laboratory reporting limits in two wells at concentrations of 940 µg/L (MW-3) and 5,000 µg/L (MW-2). No other fuel components were detected at or above their respective laboratory detection limits in any of the wells sampled this quarter.

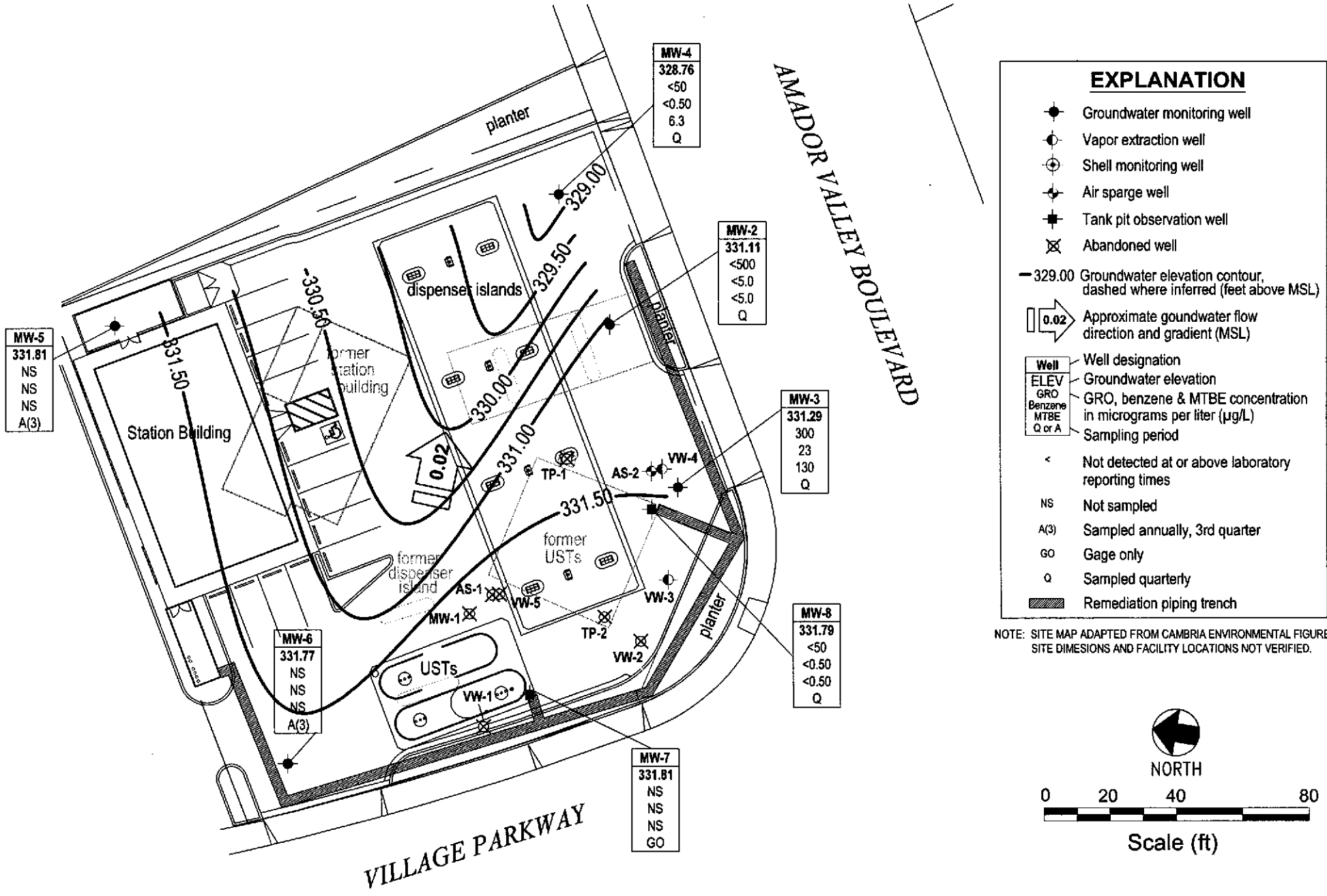
RECOMMENDATIONS:

URS recommends revising the sampling schedule for wells MW-4 and MW-8 from quarterly to annual for MW-4 and semi-annual for MW-8. Well MW-4 has had low to no detections at or above the laboratory reporting limits for its sampling history. Well MW-8 has had decreasing concentrations culminating in no detections at or above the laboratory reporting limits for all analytes this quarter.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – March 3, 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

Apr 05, 2005 - 11:10am
X:\x_env_waste\BP GEM \sites\Scott Robinson\Paul Supple\6041\Monitoring\2005 Qtr. 1\Drawings\6041-1Q05-GW.dwg



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 First Quarter 2005 (March 3, 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

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-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	4.3	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	2.1	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	3.1	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	3.8	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	3.2	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**	--
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	--	--
	08/23/1996	--		335.53	12.00	15.00	9.25	326.28	1,700	85	2.1	61	5.3	11,000	--	--

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	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	15.00	<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	1.3	--
	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	4.6	7.6
	09/17/2004	P		338.18	12.00	15.00	8.38	329.80	<5,000	<50	<50	<50	<50	280	1.8	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	1.9	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**	**1.8**	**7.6**
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	--	--
	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	--	--

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	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	5.4	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**	**2.9**	**6.9**
MW-5	02/15/1995	--		335.87	11.00	17.50	7.80	328.07	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
	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	--	--	--	--	--	--	--	--

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-5	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	2.9	--
	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	1.9	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**	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--

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-6	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	1.8	7.0
	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**	--	--	--	--	--	--	--	--
MW-7	12/21/2001	--	j	--	--	8.00	--	--	--	--	--	--	--	--	--	--

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
MW-7	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**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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	1.5	7.1
	03/10/2004	P		338.27	--	12.60	7.41	330.86	690	50	<5.0	7.4	6.8	370	2.2	6.3
	06/21/2004	P		338.27	--	12.60	8.41	329.86	1,300	200	<5.0	65	82	400	0.8	6.8
	09/17/2004	P		338.27	--	12.60	8.25	330.02	580	17	<0.50	1.9	5.8	22	1.3	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
	03/03/2005	**P**		**338.27**	**--**	**12.60**	**6.48**	**331.79**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**1.9**	**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	--

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
Shell MW-7	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	--	--	--	--	--	--	--	--	--
	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
o = Well dewatered

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**	
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**	
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	
	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	

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-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**	

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.

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**

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 # 050303-PC1 Date 3/5/05 Client ARCO 6041

Site 7249 Village Pkwy, Dublin

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-2	4					6.18	9.51	TOC	
MW-3	4					6.89	13.91		
MW-4	4					8.11	14.49		
MW-5	4					6.78	17.40		G.O.
MW-6	4					6.60	12.72		G.O.
MW-7	4					6.81	8.19		G.O.
MW-8	4					6.48	12.66		

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050303-PC1	Station # Arco 6041
Sampler: PC	Date: 3/3/05
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 9.51	Depth to Water: 6.18
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	radius² * 0.163

Purge Method:
- Bailer
- Disposable Bailer
- (✓) Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: ____

Sampling Method:
- Bailer
- (✓) Disposable Bailer
- Extraction Port
- Other: ____

6BS ⇒ 80% recharge

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.

2.2 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 6.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1132	65.7	7.0	2356	2.2	
1139	66.0	7.8	3055	4.4	
1146	66.1	7.7	3116	6.6	

Did well dewater? Yes (No) Gallons actually evacuated: 6.6

Sampling Time: 1156 Sampling Date: 3/3/05

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

Analyzed for: GRO BTEX MTBE DRO Other: see COC

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	3.0 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050303-PC1	Station # Arco 6041
Sampler: PC	Date: 3/3/05
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 13.91	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 / Disposable Bailer / ^Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / ^Disposable Bailer / Extraction Port / Other: ____

8.29 ⇒ 80% recharge

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.

4.6 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 13.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1115	65.7	8.1	E 1002 ~~2944~~	4.6	
well dewatered @ 5gal				DI	
1145	66.9	7.6	512	DTW - 8.15	

Did well dewater? (Yes) No — Gallons actually evacuated: 5

Sampling Time: 1145 — Sampling Date: 3/3/05

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

Analyzed for: GRO BTEX MTBE DRO — Other: see COC

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050303-PC1	Station # Arco 6041
Sampler: PC	Date: 3/3/05
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 14.49	Depth to Water: 8.11
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / ^Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / ^Disposable Bailer / Extraction Port / Other: ____

9.39 ⇒ 80% recharge

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.

4.1 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 12.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1030	66.0	7.4	3996	4.1	cloudy
1036	66.3	7.5	4436	8.2	↓
	well dewatered @ 8.5 gal				
1102	66.2	6.9	4419	DTW: 8.01	

Did well dewater? (Yes) No — Gallons actually evacuated: 8.5

Sampling Time: 1102 — Sampling Date: 3/3/05

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

Analyzed for: GRO BTEX MTBE DRO — Other: see COC

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.9 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050303-PC	Station # Arco 6041
Sampler: PC	Date: 3/3/05
Well I.D.: MW-B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 12.66	Depth to Water: 6.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

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

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

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: ____

7.72 ⇒ 80% recharge

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.

4 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 12 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1015	65.5	6.4	812	4	
well dewatered @ 4.5 gal					
1050	65.9	6.8	665	DTW-6.99	

Did well dewater? (Yes) No — Gallons actually evacuated: 4.5

Sampling Time: 1050 — Sampling Date: 3/3/05

Sample I.D.: MW-B — Laboratory: Pace (Sequoia) Other ____

Analyzed for: GRO BTEX MTBE DRO — Other: See COC

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.9 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:

Arco 6041
Station #

7249 Village Pkwy, Dublin
Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

25

added equip. rinse water 6

any other adjustments

TOTAL GALS. RECOVERED 31

loaded onto BTS vehicle # 48

BTS event #	time	date
050303-PC1	1130	2/3/05

signature

* *

REC'D AT	time	date
BTS		/ /

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
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

18 March, 2005

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

RE: ARCO #6041, Dublin, CA
Work Order: MOC0150

Enclosed are the results of analyses for samples received by the laboratory on 03/04/05 17:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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

URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOC0150
1333 Broadway, Suite 800	Project Number:G09JZ-0192	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	03/18/05 15:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MOC0150-01	Water	03/03/05 11:56	03/04/05 17:10
MW-3	MOC0150-02	Water	03/03/05 11:45	03/04/05 17:10
MW-4	MOC0150-03	Water	03/03/05 11:02	03/04/05 17:10
MW-8	MOC0150-04	Water	03/03/05 10:50	03/04/05 17:10
TB-6041-03032005	MOC0150-05	Water	03/03/05 00:00	03/04/05 17:10

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

These samples were received with intact custody seals.

Sequoia Analytical

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

URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOC0150
1333 Broadway, Suite 800	Project Number:G09JZ-0192	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	03/18/05 15:04

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MOC0150-01) Water Sampled: 03/03/05 11:56 Received: 03/04/05 17:10									
tert-Amyl methyl ether	ND	5.0	ug/l	10	5C17006	03/17/05	03/17/05	EPA 8260B	
Benzene	ND	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	**5000**	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	1000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*78 %*	*60-135*		"	"	"	"	
MW-3 (MOC0150-02) Water Sampled: 03/03/05 11:45 Received: 03/04/05 17:10									
tert-Amyl methyl ether	ND	2.5	ug/l	5	5C17006	03/17/05	03/17/05	EPA 8260B	
Benzene	**23**	2.5	"	"	"	"	"	"	
tert-Butyl alcohol	**940**	100	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
Ethanol	ND	500	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**130**	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**300**	250	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*81 %*	*60-135*		"	"	"	"	

Sequoia Analytical

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

URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOC0150
1333 Broadway, Suite 800	Project Number:G09JZ-0192	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	03/18/05 15:04

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MOC0150-03) Water Sampled: 03/03/05 11:02 Received: 03/04/05 17:10									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5C15010	03/15/05	03/15/05	EPA 8260B	
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	**6.3**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*60-135*		"	"	"	"	
MW-8 (MOC0150-04) Water Sampled: 03/03/05 10:50 Received: 03/04/05 17:10									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5C15010	03/15/05	03/15/05	EPA 8260B	
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		*114 %*	*60-135*		"	"	"	"	

Sequoia Analytical

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

URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOC0150
1333 Broadway, Suite 800	Project Number:G09JZ-0192	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	03/18/05 15:04

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 5C15010 - EPA 5030B P/T / EPA 8260B										
Blank (5C15010-BLK1)				Prepared & Analyzed: 03/15/05						
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	*5.75*		"	*5.00*		*115*	*60-135*			
Laboratory Control Sample (5C15010-BS1)				Prepared & Analyzed: 03/15/05						
tert-Amyl methyl ether	9.45	0.50	ug/l	10.0		94	80-115			
Benzene	10.5	0.50	"	10.0		105	65-115			
tert-Butyl alcohol	55.8	20	"	50.0		112	75-150			
Di-isopropyl ether	10.2	0.50	"	10.0		102	75-125			
1,2-Dibromoethane (EDB)	10.0	0.50	"	10.0		100	85-120			
1,2-Dichloroethane	10.9	0.50	"	10.0		109	85-130			
Ethanol	205	100	"	200		102	70-135			
Ethyl tert-butyl ether	8.91	0.50	"	10.0		89	75-130			
Ethylbenzene	11.5	0.50	"	10.0		115	75-135			
Methyl tert-butyl ether	10.8	0.50	"	10.0		108	65-125			
Toluene	9.76	0.50	"	10.0		98	85-120			
Xylenes (total)	31.9	0.50	"	30.0		106	85-125			
Surrogate: 1,2-Dichloroethane-d4	*5.89*		"	*5.00*		*118*	*60-135*			

Sequoia Analytical

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

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:ARCO #6041, Dublin, CA Project Number:G09JZ-0192 Project Manager:Scott Robinson	MOC0150 **Reported:** 03/18/05 15:04

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 5C15010 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5C15010-BS2)				Prepared & Analyzed: 03/15/05						
Benzene	6.07	0.50	ug/l	6.40		95	65-115			
Ethylbenzene	8.77	0.50	"	7.52		117	75-135			
Methyl tert-butyl ether	9.43	0.50	"	9.92		95	65-125			
Toluene	33.3	0.50	"	31.9		104	85-120			
Xylenes (total)	40.9	0.50	"	36.6		112	85-125			
Gasoline Range Organics (C4-C12)	432	50	"	440		98	70-124			
Surrogate: 1,2-Dichloroethane-d4	*5.65*		"	*5.00*		*113*	*60-135*			
Laboratory Control Sample Dup (5C15010-BSD1)				Prepared & Analyzed: 03/15/05						
tert-Amyl methyl ether	9.11	0.50	ug/l	10.0		91	80-115	4	15	
Benzene	10.4	0.50	"	10.0		104	65-115	1	20	
tert-Butyl alcohol	52.5	20	"	50.0		105	75-150	6	25	
Di-isopropyl ether	9.85	0.50	"	10.0		98	75-125	3	15	
1,2-Dibromoethane (EDB)	9.75	0.50	"	10.0		98	85-120	3	15	
1,2-Dichloroethane	10.9	0.50	"	10.0		109	85-130	0	20	
Ethanol	204	100	"	200		102	70-135	0.5	35	
Ethyl tert-butyl ether	8.70	0.50	"	10.0		87	75-130	2	25	
Ethylbenzene	11.2	0.50	"	10.0		112	75-135	3	15	
Methyl tert-butyl ether	10.3	0.50	"	10.0		103	65-125	5	20	
Toluene	9.50	0.50	"	10.0		95	85-120	3	20	
Xylenes (total)	31.1	0.50	"	30.0		104	85-125	3	20	
Surrogate: 1,2-Dichloroethane-d4	*5.49*		"	*5.00*		*110*	*60-135*			
Matrix Spike (5C15010-MS1)	**Source: MOC0310-01**			Prepared & Analyzed: 03/15/05						
Benzene	381	25	ug/l	320	83	93	65-115			
Ethylbenzene	630	25	"	376	160	125	75-135			
Methyl tert-butyl ether	756	25	"	496	270	98	65-125			
Toluene	1750	25	"	1600	84	104	85-120			
Xylenes (total)	2880	25	"	1830	810	113	85-125			
Gasoline Range Organics (C4-C12)	25700	2500	"	22000	4100	98	70-124			
Surrogate: 1,2-Dichloroethane-d4	*5.72*		"	*5.00*		*114*	*60-135*			

Sequoia Analytical

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

URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOC0150
1333 Broadway, Suite 800	Project Number:G09JZ-0192	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	03/18/05 15:04

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 5C15010 - EPA 5030B P/T / EPA 8260B										
Matrix Spike Dup (5C15010-MSD1)	**Source: MOC0310-01**			Prepared & Analyzed: 03/15/05						
Benzene	388	25	ug/l	320	83	95	65-115	2	20	
Ethylbenzene	644	25	"	376	160	129	75-135	2	15	
Methyl tert-butyl ether	766	25	"	496	270	100	65-125	1	20	
Toluene	1810	25	"	1600	84	108	85-120	3	20	
Xylenes (total)	2950	25	"	1830	810	117	85-125	2	20	
Gasoline Range Organics (C4-C12)	26600	2500	"	22000	4100	102	70-124	3	20	
Surrogate: 1,2-Dichloroethane-d4	*5.69*		"	*5.00*		*114*	*60-135*			
Batch 5C17006 - EPA 5030B P/T / EPA 8260B										
Blank (5C17006-BLK1)				Prepared & Analyzed: 03/17/05						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	5.0	"							
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	*4.81*		"	*5.00*		*96*	*60-135*			
Laboratory Control Sample (5C17006-BS1)				Prepared & Analyzed: 03/17/05						
tert-Amyl methyl ether	10.5	0.50	ug/l	10.0		105	80-115			
Benzene	9.56	0.50	"	10.0		96	65-115			
tert-Butyl alcohol	49.7	5.0	"	50.0		99	75-150			
Di-isopropyl ether	10.9	0.50	"	10.0		109	75-125			
1,2-Dibromoethane (EDB)	9.66	0.50	"	10.0		97	85-120			
1,2-Dichloroethane	10.3	0.50	"	10.0		103	85-130			
Ethanol	193	100	"	200		96	70-135			
Ethyl tert-butyl ether	10.5	0.50	"	10.0		105	75-130			
Ethylbenzene	9.96	0.50	"	10.0		100	75-135			
Methyl tert-butyl ether	10.2	0.50	"	10.0		102	65-125			

Sequoia Analytical

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

URS Corporation [Arco]	Project:ARCO #6041, Dublin, CA	MOC0150
1333 Broadway, Suite 800	Project Number:G09JZ-0192	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	03/18/05 15:04

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 5C17006 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5C17006-BS1)				Prepared & Analyzed: 03/17/05						
Toluene	9.64	0.50	ug/l	10.0		96	85-120			
Xylenes (total)	31.7	0.50	"	30.0		106	85-125			
Surrogate: 1,2-Dichloroethane-d4	*4.78*		"	*5.00*		*96*	*60-135*			
Laboratory Control Sample (5C17006-BS2)				Prepared & Analyzed: 03/17/05						
Benzene	5.72	0.50	ug/l	6.40		89	65-115			
Ethylbenzene	8.05	0.50	"	7.52		107	75-135			
Methyl tert-butyl ether	9.59	0.50	"	9.92		97	65-125			
Toluene	32.9	0.50	"	31.9		103	85-120			
Xylenes (total)	41.0	0.50	"	36.6		112	85-125			
Gasoline Range Organics (C4-C12)	434	50	"	440		99	70-124			
Surrogate: 1,2-Dichloroethane-d4	*4.99*		"	*5.00*		*100*	*60-135*			
Laboratory Control Sample Dup (5C17006-BSD1)				Prepared & Analyzed: 03/17/05						
tert-Amyl methyl ether	10.6	0.50	ug/l	10.0		106	80-115	0.9	15	
Benzene	10.0	0.50	"	10.0		100	65-115	4	20	
tert-Butyl alcohol	50.8	5.0	"	50.0		102	75-150	2	25	
Di-isopropyl ether	11.0	0.50	"	10.0		110	75-125	0.9	15	
1,2-Dibromoethane (EDB)	9.79	0.50	"	10.0		98	85-120	1	15	
1,2-Dichloroethane	11.0	0.50	"	10.0		110	85-130	7	20	
Ethanol	195	100	"	200		98	70-135	1	35	
Ethyl tert-butyl ether	10.9	0.50	"	10.0		109	75-130	4	25	
Ethylbenzene	10.2	0.50	"	10.0		102	75-135	2	15	
Methyl tert-butyl ether	10.7	0.50	"	10.0		107	65-125	5	20	
Toluene	9.70	0.50	"	10.0		97	85-120	0.6	20	
Xylenes (total)	31.5	0.50	"	30.0		105	85-125	0.6	20	
Surrogate: 1,2-Dichloroethane-d4	*4.80*		"	*5.00*		*96*	*60-135*			

Sequoia Analytical

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

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:ARCO #6041, Dublin, CA Project Number:G09JZ-0192 Project Manager:Scott Robinson	MOC0150 **Reported:** 03/18/05 15:04

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 5C17006 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (5C17006-MS1)	**Source: MOC0199-04**			Prepared & Analyzed: 03/17/05						
Benzene	587	50	ug/l	640	ND	92	65-115			
Ethylbenzene	817	50	"	752	ND	109	75-135			
Methyl tert-butyl ether	4310	50	"	992	4100	21	65-125			BB,LN
Toluene	3260	50	"	3190	ND	102	85-120			
Xylenes (total)	4310	50	"	3660	ND	118	85-125			
Gasoline Range Organics (C4-C12)	44100	5000	"	44000	5900	87	70-124			
Surrogate: 1,2-Dichloroethane-d4	*3.94*		*"*	*5.00*		*79*	*60-135*			
Matrix Spike Dup (5C17006-MSD1)	**Source: MOC0199-04**			Prepared & Analyzed: 03/17/05						
Benzene	559	50	ug/l	640	ND	87	65-115	5	20	
Ethylbenzene	770	50	"	752	ND	102	75-135	6	15	
Methyl tert-butyl ether	4550	50	"	992	4100	45	65-125	5	20	BB,LN
Toluene	3130	50	"	3190	ND	98	85-120	4	20	
Xylenes (total)	4010	50	"	3660	ND	110	85-125	7	20	
Gasoline Range Organics (C4-C12)	43800	5000	"	44000	5900	86	70-124	0.7	20	
Surrogate: 1,2-Dichloroethane-d4	*4.29*		*"*	*5.00*		*86*	*60-135*			

Sequoia Analytical

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

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:ARCO #6041, Dublin, CA Project Number:G09JZ-0192 Project Manager:Scott Robinson	MOC0150 **Reported:** 03/18/05 15:04

Notes and Definitions

BB,LN	Sample > 4x spike concentration.
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: ARCO 6041 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: Alameda County Environmental Health Agency

Requested Due Date (mm/dd/yy): 10 DAY TAT

On-site Time: 925	Temp: 65°F
Off-site Time: 1200	Temp: 70°F
Sky Conditions:	
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.: 38486578
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G09JZ-0192	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 EDF
Moraga, CA 94570	Sub Phase/Task: 03 - Analytical	E-mail EDD To: Donna_Cosper@urscorp.com
Tele/Fax: 925.299.8891 / 925.299.8872	Cost Element: 05 - Subcontracted Costs	Invoice to: Atlantic Richfield Company

Lab Bottle Order No: MCC0150

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	1150	3/4/05		X		01	3				X		X	X	X	X	
2	MW-3	1145			X		02	3				X		X	X	X	X	
3	MW-4	1102			X		03	3				X		X	X	X	X	
4	MW-B	1050			X		04	3				X		X	X	X	X	
5	TB-6041030320005				X		05	2										on hold
6																		
7																		
8																		
9																		
10																		

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: B. Cosper						
Sampler's Company: Blaine Tech		3/4/05	1010		3/4/05	1010
Shipment Date:		3/4/05	1710		3/4/05	1710
Shipment Method:						
Shipment Tracking No:						

Special Instructions:

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

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ARCO 6071
REC. BY (PRINT): JD
WORKORDER: MOC 0150

DATE REC'D AT LAB: 3/4/05
TIME REC'D AT LAB: 1710
DATE LOGGED IN: 3-4-05

For Regulatory Purposes?
DRINKING WATER YES / NO
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	A-C	MW-2	VOA (3)	HCl	—	W	3/3/05	
2. Chain-of-Custody Present / Absent*	02		-3						
3. Traffic Reports or Packing List: Present / Absent	03		-4						
4. Airbill: Airbill / Sticker Present / Absent	04		-8						
5. Airbill #:	05	A,B	TB-6071 030308	(2)					
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: 3.3 Is temp 4 +/-2°C? Yes / No**									

(Acceptance range for samples requiring thermal pres.)
**Exception (if any): METALS / DFF ON ICE or Problem COC

3/4/05

*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:	3/23/2005 9:35:10 AM

Processing is complete. No errors were found!
You may now proceed to the upload page.

Back to Main Menu

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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:	**1Q 2005 QMR Geo_Well Site 6041**
Submittal Date/Time:	**3/23/2005 9:41:47 AM**
Confirmation Number:	**1855900406**

Back to Main Menu

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

SUCCESSFUL EDF CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	
GLOBAL ID:	T0600100109
FILE UPLOADED:	ARCO#6041-EDF-MOC0150.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	4
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	2
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	0
METHOD HOLDING TIME VIOLATIONS	0
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%	N
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

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

Logged in as URSCORP-OAKLAND (CONTRACTOR) CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

Your EDF file has been succcessfully uploaded!

Confirmation Number: 1315555989
Date/Time of Submittal: 3/23/2005 9:51:31 AM
Facility Global ID: T0600100109
Facility Name: ARCO # 06041
Submittal Title: 1Q 2005 QMR EDF Site 6041
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
1315555989	1Q 2005 QMR EDF Site 6041	Q1 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	3/23/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	2
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	0
METHOD HOLDING TIME VIOLATIONS	0
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%	N
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

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

Logged in as URSCORP-OAKLAND (CONTRACTOR) CONTACT SITE ADMINISTRATOR.