



Atlantic Richfield Company
(a BP affiliated company)

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

April 3, 2006

Re: ARCO Service Station # 11120
6400 Dublin Blvd.
Dublin, California
First Quarter 2006 Groundwater Monitoring Report
ACEH Case # RO0002431

"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

RECEIVED

By lopprojectop at 9:43 am, Apr 17, 2006

April 3, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

**Re: First Quarter 2006 Groundwater Monitoring Report
Former BP Service Station # 11120
6400 Dublin Road
Dublin, California
ACEH Case No. RO0002431**

Dear Mr. Hwang:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *First Quarter 2006 Groundwater Monitoring Report* for the Former BP Service Station #11120, located at 6400 Dublin Road, Dublin, California.

If you have any questions regarding this submission, please call me at (510) 874-1758.

Sincerely,

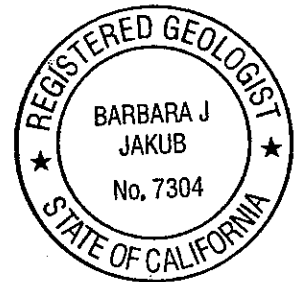
URS CORPORATION

Barb Jakub for

Lynelle T. Onishi
Project Manager

Barbara J. Jakub

Barbara J. Jakub, P.G.
Senior Geologist



Enclosure: First Quarter 2006 Groundwater Monitoring Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Ms. Shelby Lathrop, ConocoPhillips, electronic copy uploaded to URS ftp server
Mr. Rob Miller, Broadbent & Associates, Inc., electronic copy uploaded to ENFOS

REPORT

RECEIVED

By loprojectop at 9:43 am, Apr 17, 2006

FIRST QUARTER 2006 GROUNDWATER MONITORING REPORT

FORMER BP SERVICE STATION #11120
6400 DUBLIN ROAD
DUBLIN, CALIFORNIA

Prepared for
RM

April 3, 2006

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

Date: April 3, 2006
Quarter: 1Q 06

FIRST QUARTER 2006 GROUNDWATER MONITORING REPORT

Former Facility No.: 11120 Address: 6400 Dublin Road, Dublin, CA
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Lynelle T. Onishi
Primary Regulatory Agency: Alameda County Environmental Health (ACEH)
ACEH Case No: RO0002431

WORK PERFORMED THIS QUARTER (First – 2006):

1. Prepared and submitted the Fourth Quarter 2005 Groundwater Monitoring Report.
2. Performed the first quarter 2006 groundwater monitoring event on March 1, 2006.

WORK PROPOSED FOR NEXT QUARTER (Second – 2006):

1. Prepare and submit this First Quarter 2006 Groundwater Monitoring Report.
2. Perform the second quarter 2006 groundwater monitoring event.

SITE SUMMARY:

Current Phase of Project:	<u>GW monitoring/sampling</u>
Frequency of Groundwater Sampling:	<u>Quarterly: Wells MW-8 through MW-11</u>
Frequency of Groundwater Monitoring:	<u>Quarterly: Wells MW-8 through MW-11</u>
Is Free Product Present On-Site:	<u>No</u>
Current Remediation Techniques:	<u>None</u>
Approximate Depth to Groundwater:	<u>5.67 (MW-10) to 8.06 (MW-9) feet</u>
Groundwater Gradient (direction):	<u>Southwest</u>
Groundwater Gradient (magnitude):	<u>0.003 feet per foot</u>

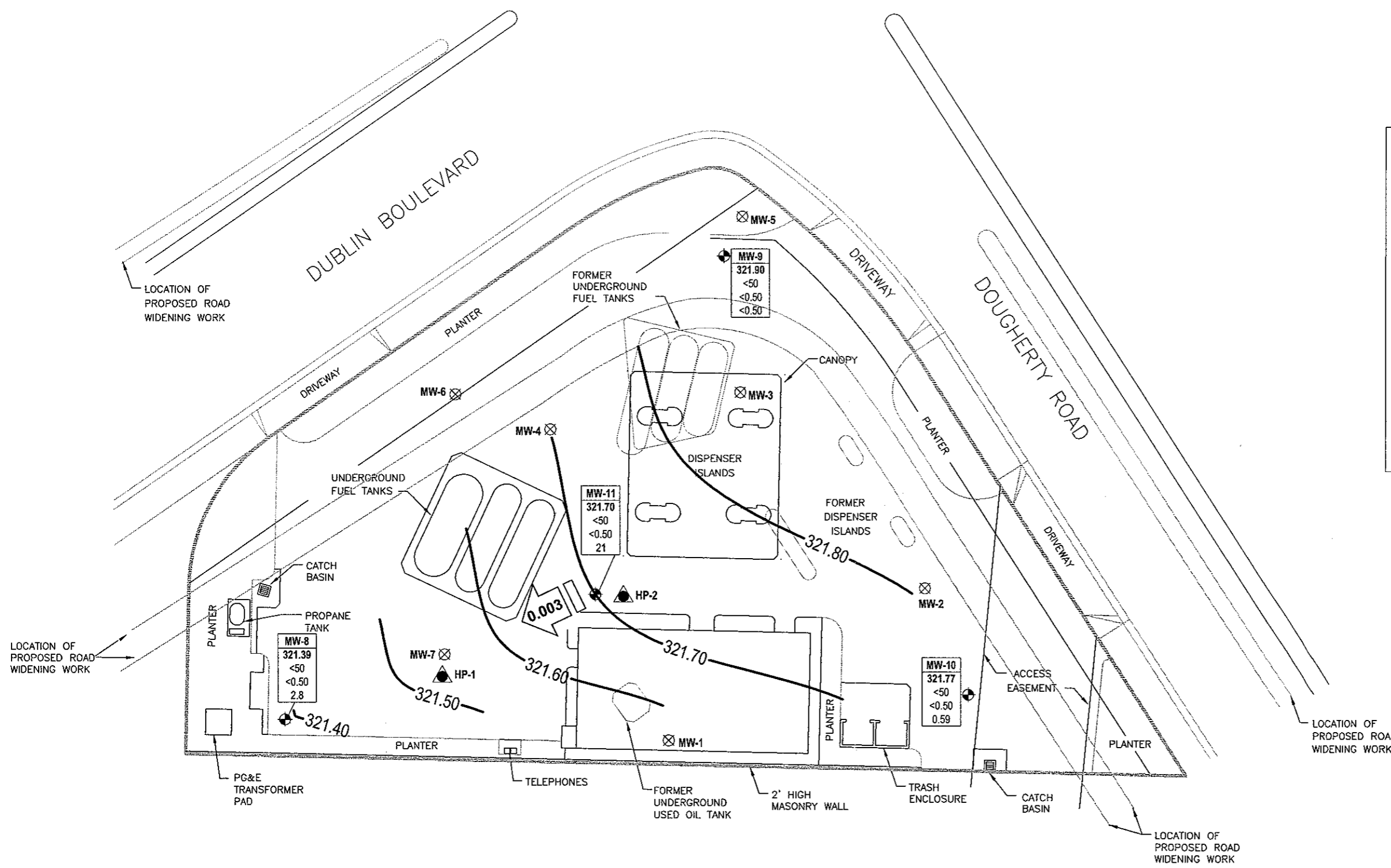
DISCUSSION:

Methyl tert-butyl ether was detected at or above the laboratory reporting limit in three of the four wells sampled this quarter at concentrations ranging from 0.59 micrograms per liter ($\mu\text{g/L}$) (MW-10) to 21 $\mu\text{g/L}$ (MW-11). No other fuel components were detected at or above their respective laboratory reporting limits in any of the wells sampled this quarter.

ATTACHMENTS:

- Figure 1– Groundwater Elevation Contour and Analytical Summary Map – March 1, 2006
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- 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
- Attachment D – Historical Groundwater Analytical Data for Former Wells Abandoned in 1999
(Source: Alisto Engineering)

Mar 27, 2006 1:14pm
 X:\env\workspace\BP_CEMA\Sites\11120\Reports\Monitoring\Dir. 1. 2006\Drawings\11120-1006-GW.dwg

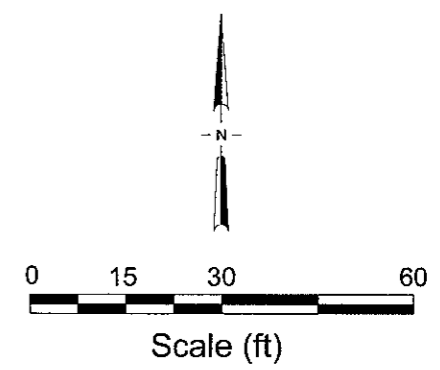


LEGEND

- ⊗ Destroyed groundwater monitoring well
- ▲ Grab groundwater sample location
May 14, 1999
- ⊕ Air sparge well

Well ID	Well Designation
ELEV	Groundwater Elevation (ft MSL)
GRO	Concentration of GRO, Benzene, and MTBE in groundwater in micrograms per liter (µg/L)
Benzene	
MTBE	

- < Not detected at or above specified laboratory reporting limits
- 321.80 Groundwater elevation contour (ft MSL)
- ← 0.003 Approximate groundwater flow direction and gradient (ft/ft)



URS	Project No. 38487460	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP	FIGURE 1
	Former BP Station #11120 6400 Dublin Boulevard Dublin, California		

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11120
6400 Dublin Blvd., Dublin, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	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)	Lab	pH	Comments
MW-8	02/25/2002	--	328.94	6.02	--	322.92	<50	<0.5	<0.5	<0.5	<0.5	1.98	--	PACE	--	
	09/30/2002	--	328.94	6.16	--	322.78	<50	<0.5	<0.5	<0.5	<0.5	2.9/4.8	--	SEQM	--	a
	12/13/2002	--	328.94	5.81	--	323.13	<50	<0.5	<0.5	<0.5	<0.5	5.9/6.4	--	SEQM	--	a
	03/12/2003	--	328.94	5.80	--	323.14	<50	<0.50	<0.50	<0.50	<0.50	4.3/3.8	--	SEQM	--	
	06/28/2003	--	328.94	5.70	--	323.24	<50	<0.50	<0.50	<0.50	<0.50	4.1	--	SEQM	--	b
	09/30/2003	--	328.94	5.90	--	323.04	<50	<0.50	<0.50	<0.50	<0.50	4.1	--	SEQM	--	
	12/05/2003	P	328.94	5.89	--	323.05	<50	<0.50	<0.50	<0.50	<0.50	6.7	--	SEQM	7.2	
	03/10/2004	P	328.94	4.74	--	324.20	<50	<0.50	<0.50	<0.50	<0.50	5.1	--	SEQM	6.7	
	06/21/2004	P	328.94	6.12	--	322.82	<50	<0.50	<0.50	<0.50	<0.50	7.5	--	SEQM	7.0	
	09/17/2004	P	328.94	6.38	--	322.56	<50	<0.50	<0.50	<0.50	<0.50	6.6	--	SEQM	7.2	
	12/13/2004	P	328.94	5.47	--	323.47	<50	<0.50	<0.50	<0.50	<0.50	6.7	--	SEQM	6.8	
	03/03/2005	P	328.94	4.43	--	324.51	<50	<0.50	<0.50	<0.50	<0.50	5.6	--	SEQM	6.9	
	06/10/2005	P	328.94	5.35	--	323.59	<50	<0.50	<0.50	<0.50	<0.50	6.2	--	SEQM	6.9	
	09/16/2005	P	328.94	6.58	--	322.36	<50	<0.50	<0.50	<0.50	<0.50	5.7	--	SEQM	6.9	
	12/15/2005	P	328.94	8.54	--	320.40	<50	<0.50	<0.50	<0.50	<0.50	2.6	--	SEQM	7.0	
	03/01/2006	P	328.94	7.55	--	321.39	<50	<0.50	<0.50	<0.50	<0.50	2.8	--	SEQM	7.1	
MW-9	02/25/2002	--	329.96	5.90	--	324.06	<250	<2.50	<2.50	<2.50	<5.00	<2.50	--	PACE	--	
	09/30/2002	--	329.96	6.92	--	323.04	<50	<0.5	<0.5	<0.5	<0.5	1.4/3.3	--	SEQM	--	a
	12/13/2002	--	329.96	6.51	--	323.45	<50	<0.5	<0.5	<0.5	<0.5	0.53/<2.5	--	SEQM	--	a
	03/12/2003	--	329.96	6.86	--	323.10	<50	<0.50	<0.50	<0.50	<0.50	0.59/<2.5	--	SEQM	--	
	06/28/2003	--	329.96	5.95	--	324.01	<50	<0.50	<0.50	<0.50	<0.50	1.0	--	SEQM	--	b
	09/30/2003	--	329.96	6.24	--	323.72	<50	<0.50	<0.50	<0.50	<0.50	16	--	SEQM	--	
	12/05/2003	P	329.96	7.21	--	322.75	<50	<0.50	<0.50	<0.50	<0.50	33	--	SEQM	7.6	
	03/10/2004	P	329.96	5.37	--	324.59	<50	<0.50	<0.50	<0.50	<0.50	2.4	--	SEQM	7.1	
	06/21/2004	P	329.96	6.67	--	323.29	<50	<0.50	<0.50	<0.50	<0.50	1.6	--	SEQM	7.8	
	09/17/2004	P	329.96	7.89	--	322.07	<50	<0.50	<0.50	<0.50	<0.50	0.72	--	SEQM	7.5	
	12/13/2004	P	329.96	5.22	--	324.74	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.6	
	03/03/2005	P	329.96	5.12	--	324.84	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.6	
	06/10/2005	P	329.96	5.90	--	324.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.5	
	09/16/2005	P	329.96	6.99	--	322.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.6	
	12/15/2005	P	329.96	8.52	--	321.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.7	
	03/01/2006	P	329.96	8.06	--	321.90	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.7	
MW-10	02/25/2002	--	327.44	4.21	--	323.23	53	2.58	<0.5	2.83	8.46	<0.5	--	PACE	--	

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11120
6400 Dublin Blvd., Dublin, CA

Well No.	Date	P/ NP	TOC (ft MSL)	DTW (ft bgs)	Product Thickness (feet)	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)	Lab	pH	Comments
MW-10	09/30/2002	--	327.44	4.71	--	322.73	<50	<0.5	<0.5	<0.5	<0.5	0.51/2.8	--	SEQM	--	a
	12/13/2002	--	327.44	6.36	--	321.08	<50	<0.5	<0.5	<0.5	<0.5	<0.5/<2.5	--	SEQM	--	a
	03/12/2003	--	327.44	7.96	--	319.48	<50	<0.50	<0.50	<0.50	<0.50	0.76/<2.5	--	SEQM	--	
	06/28/2003	--	327.44	7.70	--	319.74	<50	<0.50	<0.50	<0.50	<0.50	0.68	--	SEQM	--	b
	09/30/2003	--	327.44	7.57	--	319.87	<50	<0.50	<0.50	<0.50	<0.50	0.71	--	SEQM	--	
	12/05/2003	P	327.44	6.64	--	320.80	<50	<0.50	<0.50	<0.50	<0.50	0.78	--	SEQM	7.1	
	03/10/2004	P	327.44	5.20	--	322.24	<50	<0.50	<0.50	<0.50	<0.50	0.58	--	SEQM	6.4	
	06/21/2004	P	327.44	7.45	--	319.99	<50	<0.50	<0.50	<0.50	<0.50	1.1	--	SEQM	7.0	
	09/17/2004	P	327.44	7.49	--	319.95	<50	<0.50	<0.50	<0.50	<0.50	0.82	--	SEQM	7.0	
	12/13/2004	P	327.44	5.19	--	322.25	<50	<0.50	<0.50	<0.50	<0.50	0.73	--	SEQM	6.8	
	03/03/2005	P	327.44	4.86	--	322.58	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.9	
	06/10/2005	P	327.44	4.00	--	323.44	<50	<0.50	<0.50	<0.50	<0.50	1.2	--	SEQM	6.8	
	09/16/2005	P	327.44	4.78	--	322.66	<50	<0.50	<0.50	<0.50	<0.50	0.98	--	SEQM	6.9	
12/15/2005	P	327.44	6.67	--	320.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	7.0		
03/01/2006	P	327.44	5.67	--	321.77	<50	<0.50	<0.50	<0.50	<0.50	0.59	--	SEQM	7.1		
MW-11	02/25/2002	--	329.75	6.02	--	323.73	1,800	1.34	<0.5	<0.5	<1.0	2,550	--	PACE	--	
	09/30/2002	--	329.75	7.12	--	322.63	<50	<0.5	<0.5	<0.5	<0.5	1,500/1,400	--	SEQM	--	a
	12/13/2002	--	329.75	6.60	--	323.15	1,300	<10	<10	<10	<10	1,400/2,000	--	SEQM	--	a
	03/12/2003	--	329.75	5.79	--	323.96	<500	<5.0	<5.0	<5.0	<5.0	650/2,900	--	SEQM	--	
	06/28/2003	--	329.75	5.68	--	324.07	<5,000	<50	<50	<50	<50	2,500	--	SEQM	--	b
	09/30/2003	--	329.75	6.68	--	323.07	5,100	<25	<25	<25	<25	3,200	--	SEQM	--	
	12/05/2003	P	329.75	6.69	--	323.06	<5,000	<50	<50	<50	<50	3,500	--	SEQM	7.2	
	03/10/2004	P	329.75	5.29	--	324.46	3,000	<25	<25	<25	<25	1,800	--	SEQM	6.8	
	06/21/2004	P	329.75	6.65	--	323.10	<5,000	<50	<50	<50	<50	1,900	--	SEQM	7.1	
	09/17/2004	P	329.75	7.02	--	322.73	<2,500	<25	<25	<25	<25	1,700	--	SEQM	7.1	
	12/13/2004	P	329.75	6.01	--	323.74	650	<5.0	<5.0	<5.0	<5.0	610	--	SEQM	6.9	
	03/03/2005	P	329.75	5.13	--	324.62	250	<2.5	<2.5	<2.5	<2.5	190	--	SEQM	7.0	c
	06/10/2005	P	329.75	6.00	--	323.75	<100	4.1	<1.0	<1.0	<1.0	100	--	SEQM	7.0	
09/16/2005	P	329.75	7.24	--	322.51	<100	<1.0	<1.0	<1.0	<1.0	52	--	SEQM	7.0		
12/15/2005	P	329.75	8.91	--	320.84	<50	<0.50	<0.50	<0.50	<0.50	9.0	--	SEQM	7.1		
03/01/2006	P	329.75	8.05	--	321.70	<50	<0.50	<0.50	<0.50	<0.50	21	--	SEQM	7.2		

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11120
6400 Dublin Blvd., Dublin, CA

ABBREVIATIONS AND SYMBOLS:

TOC = Top of casing in ft MSL
DTW = Depth to water in ft bgs
GWE = Groundwater elevation in ft MSL
GRO = Gasoline range organics
TPH-g = Total petroleum hydrocarbons as gasoline
MTBE = Methyl tert butyl ether by EPA method 8021B (prior to 6/28/03) or 8260B
DO = Dissolved oxygen
µg/L = Micrograms per liter
mg/L = Milligrams per liter
< = Not detected at or above laboratory reporting limit
-- = Not sampled/applicable/analyzed/measured
PACE = Pace, Inc.
SEQM = Sequoia Analytical Laboratory
P/NP = Well purged/not purged prior to sampling
ft bgs = Feet below ground surface
ft MSL = Feet above mean sea level

FOOTNOTES:

a = Analyzed by EPA method 8260 B; fuel oxygenates include ethanol, tert-butyl alcohol, di-isopropyl ether, ethyl tert-butyl ether, tert-amyl methyl ether; lead scavengers include: 1,2-dichloroethane & ethylene dibromide.
b = Beginning on the second quarter 2003 monitoring event (6/28/03), TPH-g, benzene, toluene, ethylbenzene, total xylenes, MTBE and fuel oxygenates analyzed by EPA method 8260B.
c = The hydrocarbon result for GRO was partly due to individual peaks in the quantitative range.

NOTES:

TOC elevations surveyed relative to an elevation of 18.409 ft MSL.

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.

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

Table 2

Fuel Additives Analytical Data

Former BP Station #11120

6400 Dublin Blvd., 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-8	03/12/2003	<100	<20	4.3/3.8	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/28/2003	<100	<20	4.1	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/30/2003	<100	<20	4.1	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/05/2003	<100	<20	6.7	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2004	<100	<20	5.1	<0.50	<0.50	<0.50	<0.50	<0.50	a
	06/21/2004	<100	<20	7.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/17/2004	16	<20	6.6	<0.50	<0.50	<0.50	<0.50	<0.50	b
	12/13/2004	<100	<20	6.7	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/03/2005	<100	<20	5.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/10/2005	<100	<20	6.2	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/16/2005	<100	<20	5.7	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/15/2005	<100	<20	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/01/2006	<300	<20	2.8	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-9	03/12/2003	<100	<20	0.59/<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/28/2003	<100	<20	1.0	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/30/2003	<100	<20	16	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/05/2003	<100	<20	33	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2004	<100	<20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	a
	06/21/2004	<100	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/17/2004	13	<20	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	b
	12/13/2004	<100	<20	<0.50	<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	
	06/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/16/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/15/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/01/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-10	03/12/2003	<100	<20	0.76/<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/28/2003	<100	<20	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/30/2003	<100	<20	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/05/2003	<100	<20	0.78	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2004	<100	<20	0.58	<0.50	<0.50	<0.50	<0.50	<0.50	a
06/21/2004	<100	<20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50		

Table 2

Fuel Additives Analytical Data

Former BP Station #11120

6400 Dublin Blvd., 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-10	09/17/2004	9.4	<20	0.82	<0.50	<0.50	<0.50	<0.50	<0.50	b
	12/13/2004	<100	<20	0.73	<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	
	06/10/2005	<100	<20	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/16/2005	<100	<20	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/15/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/01/2006	<300	<20	0.59	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-11	03/12/2003	<1,000	<200	650/2,900	<5.0	<5.0	<5.0	<5.0	<5.0	
	06/28/2003	<10,000	<2,000	2,500	<50	<50	<50	<50	<50	
	09/30/2003	<5,000	<1,000	3,200	<25	<25	<25	<25	<25	
	12/05/2003	<10,000	<2,000	3,500	<50	<50	<50	<50	<50	
	03/10/2004	<5,000	<1,000	1,800	<25	<25	<25	<25	<25	a
	06/21/2004	<10,000	<2,000	1,900	<50	<50	<50	<50	<50	
	09/17/2004	13	<1,000	1,700	<25	<25	<25	<25	<25	b
	12/13/2004	<1,000	<200	610	<5.0	<5.0	<5.0	<5.0	<5.0	
	03/03/2005	<500	<100	190	<2.5	<2.5	<2.5	<2.5	<2.5	
	06/10/2005	<200	<40	100	<1.0	<1.0	<1.0	<1.0	<1.0	a, c
	09/16/2005	<200	<40	52	<1.0	<1.0	<1.0	<1.0	<1.0	
	12/15/2005	<100	<20	9.0	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/01/2006	<300	<20	21	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

Former BP Station #11120
6400 Dublin Blvd., Dublin, CA

ABBREVIATIONS AND SYMBOLS:

TBA = tert-Butyl alcohol

MTBE = Methyl tert-butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tert-butyl ether

TAME = tert-Amyl methyl ether

1,2-DCA = 1,2-Dichloroethane

EDB = 1,2-Dibromoethane

µg/L = micrograms per liter

< = Not detected at or above laboratory reporting limits

FOOTNOTES:

a = The continuing calibration verification was outside of client contractual acceptance limits. However, it was within method acceptance limits. The data should still be useful for its intended purpose.

b = Split samples were analyzed for ethanol by EPA Method 8260B SIM; ethanol was detected in trip blank at 34 micrograms per liter. Ethanol was not detected in confirmatory analysis of samples and trip blank on a different instrument; however, holding time had expired by then.

c = LCS recorded above methanol control limits. Analyte not detected. Data not impacted.

NOTES:

All volatile organic compounds analyzed using EPA Method 8260B.

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.

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>060301-WC-1</u>	Station # <u>1120</u>
Sampler: <u>WC</u>	Date: <u>03/01/06</u>
Well I.D.: <u>MW-8</u>	Well Diameter: @ 3 4 6 8 <u> </u>
Total Well Depth: <u>19.60</u>	Depth to Water: <u>7.55</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>NYC</u> Grade.	D.O. Meter (if req'd): YSI HACH

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

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

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

<u>1.9</u>	x	<u>3</u>	=	<u>5.7</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
<u>1538</u>	<u>63.8</u>	<u>7.1</u>	<u>2829</u>	<u>1.9</u>	<u>cloud</u>
<u>1542</u>	<u>64.7</u>	<u>7.1</u>	<u>3226</u>	<u>3.8</u>	<u>↓</u>
<u>1545</u>	<u>65.1</u>	<u>7.1</u>	<u>3177</u>	<u>5.7</u>	<u>↓</u>

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>5.7</u>
Sampling Time: <u>1550</u>	Sampling Date: <u>03/01/06</u>
Sample I.D.: <u>MW-8</u>	Laboratory: Pace Sequoia <u>TA</u> Other _____
Analyzed for: <u>GR0 BTEX MTBE DRO Oxy's 1,2-DCA BDB Ethanol</u>	Other: _____

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>060301-WC-1</u>	Station # <u>1120</u>
Sampler: <u>we</u>	Date: 060301-W <u>03/01/06</u>
Well I.D.: <u>MW-9</u>	Well Diameter: <u>3</u> 4 6 8
Total Well Depth: <u>19.61</u>	Depth to Water: <u>8.06</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade:	D.O. Meter (if req'd): YSI HACH

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

Purge Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> 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.

<u>1.9</u>	x	<u>3</u>	=	<u>5.7</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1515	63.6	7.7	1788	1.9	cloudy
1516	64.1	7.7	1316	3.8	↓
1521	64.3	7.7	1157	5.7	

Did well dewater? Yes No Gallons actually evacuated: 5.7

Sampling Time: 1526 Sampling Date: 03/01/06

Sample I.D.: MW-9 Laboratory: Pace Sequoia TA Other _____

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

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>060301-WC-1</u>	Station # <u>11120</u>
Sampler: <u>WC</u>	Date: <u>03/01/06</u>
Well I.D.: <u>MW-10</u>	Well Diameter: <u>6</u> 3 4 6 8
Total Well Depth: <u>19.57</u>	Depth to Water: <u>5.67</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade:	D.O. Meter (if req'd): YSI HACH

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

Purge Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> 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.

<u>2.2</u>	x	<u>3</u>	=	<u>6.6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1452	64.3	7.1	7533	2.2	cloudy
1456	64.1	7.1	7813	4.4	↓
1500	64.2	7.1	7855	6.6	↓

Did well dewater? Yes No Gallons actually evacuated: 6.6

Sampling Time: 1505 Sampling Date: 03/01/06

Sample I.D.: MW-10 Laboratory: Pace Sequoia Other _____

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

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060301-WC1	Station # 1120
Sampler: DA	Date: 3/1/06
Well I.D.: MW-11	Well Diameter: <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8
Total Well Depth: 19.40	Depth to Water: 8.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> PVD <input type="checkbox"/> Grade	D.O. Meter (if req'd): <input type="checkbox"/> YSI <input type="checkbox"/> 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: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____
---	---

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

1.8	x	3	=	5.4	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1526	63.6	7.2	1963	2	
1522	63.9	7.2	1902	4	
1524	64.0	7.2	1831	5.5	

Did well dewater? Yes No Gallons actually evacuated: 5.4

Sampling Time: 1526 Sampling Date: 03/01/06

Sample I.D.: MW-11 Laboratory: Pace Sequoia Other _____

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

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

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:

11120

Station #

6400 Dublin Blvd, Dublin

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

23.4 Gallons

added equip. 0.6 gal any other adjustments 0

TOTAL GALS. RECOVERED 24 gal loaded onto BTS vehicle # 64

BTS event# 060301-WC-1 time 1600 date 03/01/06

signature [Signature]

REC'D AT Blaine Tech time 1645 date 03/01/06

unloaded by signature [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.



24 March, 2006

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

RE: BP Heritage #11120, Dublin, CA
Work Order: MPC0096

Enclosed are the results of analyses for samples received by the laboratory on 03/02/06 17:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

The results in this laboratory report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPGCLN Technical Specifications, applicable Federal, State, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPGCLN. This entire report was reviewed and approved for release.



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

Project:BP Heritage #11120, Dublin, CA
Project Number:G07TM-0013
Project Manager:Lynelle Onishi

MPC0096
Reported:
03/24/06 14:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8	MPC0096-01	Water	03/01/06 15:50	03/02/06 17:30
MW-9	MPC0096-02	Water	03/01/06 15:26	03/02/06 17:30
MW-10	MPC0096-03	Water	03/01/06 15:05	03/02/06 17:30
MW-11	MPC0096-04	Water	03/01/06 15:26	03/02/06 17:30
TB-11120-03012006	MPC0096-05	Water	03/01/06 00:00	03/02/06 17:30

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 custody seals.

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

 Project:BP Heritage #11120, Dublin, CA
 Project Number:G07TM-0013
 Project Manager:Lynelle Onishi

 MPC0096
 Reported:
 03/24/06 14:12

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MPC0096-01) Water Sampled: 03/01/06 15:50 Received: 03/02/06 17:30									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6C14010	03/14/06	03/14/06	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	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	2.8	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94 %	60-135		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	70-120		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		95 %	65-130		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98 %	70-120		"	"	"	"	
MW-9 (MPC0096-02) Water Sampled: 03/01/06 15:26 Received: 03/02/06 17:30									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6C14010	03/14/06	03/14/06	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	300	"	"	"	"	"	"	
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	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95 %	60-135		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		104 %	70-120		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		100 %	65-130		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	70-120		"	"	"	"	

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

Project:BP Heritage #11120, Dublin, CA
Project Number:G07TM-0013
Project Manager:Lynelle Onishi

MPC0096
Reported:
03/24/06 14:12

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MPC0096-03) Water Sampled: 03/01/06 15:05 Received: 03/02/06 17:30									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6C14010	03/14/06	03/14/06	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	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	0.59	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96 %		60-135	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %		70-120	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		94 %		65-130	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97 %		70-120	"	"	"	"	
MW-11 (MPC0096-04) Water Sampled: 03/01/06 15:26 Received: 03/02/06 17:30									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6C14016	03/14/06	03/15/06	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	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	21	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94 %		60-135	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		104 %		70-120	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		96 %		65-130	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97 %		70-120	"	"	"	"	

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

 Project:BP Heritage #11120, Dublin, CA
 Project Number:G07TM-0013
 Project Manager:Lynelle Onishi

 MPC0096
 Reported:
 03/24/06 14:12

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 6C14010 - EPA 5030B P/T / EPA 8260B
Blank (6C14010-BLK1)

Prepared & Analyzed: 03/14/06

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	300	"							
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	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.86		"	5.00		97	60-135			
<i>Surrogate: Toluene-d8</i>	5.23		"	5.00		105	70-120			
<i>Surrogate: Dibromofluoromethane</i>	5.01		"	5.00		100	65-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	4.74		"	5.00		95	70-120			

Laboratory Control Sample (6C14010-BS1)

Prepared & Analyzed: 03/14/06

tert-Amyl methyl ether	15.4	0.50	ug/l	16.3		94	80-115			
Benzene	5.23	0.50	"	5.04		104	65-115			
tert-Butyl alcohol	157	20	"	169		93	75-150			
Di-isopropyl ether	15.1	0.50	"	16.2		93	75-125			
1,2-Dibromoethane (EDB)	16.0	0.50	"	16.6		96	85-120			
1,2-Dichloroethane	15.2	0.50	"	15.5		98	85-130			
Ethanol	153	300	"	165		93	70-135			
Ethyl tert-butyl ether	15.7	0.50	"	16.4		96	75-130			
Ethylbenzene	7.33	0.50	"	7.28		101	75-135			
Methyl tert-butyl ether	7.79	0.50	"	7.84		99	65-125			
Toluene	34.0	0.50	"	38.0		89	85-120			
Xylenes (total)	42.7	0.50	"	40.8		105	85-125			
Gasoline Range Organics (C4-C12)	412	50	"	440		94	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.71		"	5.00		94	60-135			
<i>Surrogate: Toluene-d8</i>	5.08		"	5.00		102	70-120			
<i>Surrogate: Dibromofluoromethane</i>	4.72		"	5.00		94	65-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.11		"	5.00		102	70-120			

Sequoia Analytical - Morgan Hill

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

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

 Project:BP Heritage #11120, Dublin, CA
 Project Number:G07TM-0013
 Project Manager:Lynelle Onishi

 MPC0096
 Reported:
 03/24/06 14:12

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 6C14010 - EPA 5030B P/T / EPA 8260B

Matrix Spike (6C14010-MS1)	Source: MPC0068-05			Prepared & Analyzed: 03/14/06						
tert-Amyl methyl ether	342	10	ug/l	326	4.4	104	80-115			
Benzene	219	10	"	101	140	78	65-115			
tert-Butyl alcohol	3200	400	"	3380	ND	95	75-120			
Di-isopropyl ether	325	10	"	325	ND	100	75-125			
1,2-Dibromoethane (EDB)	333	10	"	333	ND	100	85-120			
1,2-Dichloroethane	318	10	"	310	ND	103	85-130			
Ethanol	2700	6000	"	3300	ND	82	70-135			
Ethyl tert-butyl ether	344	10	"	328	ND	105	75-130			
Ethylbenzene	468	10	"	146	360	74	75-135			LN
Methyl tert-butyl ether	204	10	"	157	44	102	65-125			
Toluene	715	10	"	760	30	90	85-120			
Xylenes (total)	1790	10	"	816	1100	85	85-125			
Gasoline Range Organics (C4-C12)	19100	1000	"	8800	11000	92	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.93</i>		<i>"</i>	<i>5.00</i>		<i>99</i>	<i>60-135</i>			
<i>Surrogate: Toluene-d8</i>	<i>5.14</i>		<i>"</i>	<i>5.00</i>		<i>103</i>	<i>70-120</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>4.74</i>		<i>"</i>	<i>5.00</i>		<i>95</i>	<i>65-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>5.08</i>		<i>"</i>	<i>5.00</i>		<i>102</i>	<i>70-120</i>			

Matrix Spike Dup (6C14010-MSD1)	Source: MPC0068-05			Prepared & Analyzed: 03/14/06						
tert-Amyl methyl ether	344	10	ug/l	326	4.4	104	80-115	0.6	15	
Benzene	208	10	"	101	140	67	65-115	5	20	
tert-Butyl alcohol	3460	400	"	3380	ND	102	75-120	8	25	
Di-isopropyl ether	316	10	"	325	ND	97	75-125	3	15	
1,2-Dibromoethane (EDB)	326	10	"	333	ND	98	85-120	2	15	
1,2-Dichloroethane	313	10	"	310	ND	101	85-130	2	20	
Ethanol	3470	6000	"	3300	ND	105	70-135	25	35	
Ethyl tert-butyl ether	324	10	"	328	ND	99	75-130	6	25	
Ethylbenzene	471	10	"	146	360	76	75-135	0.6	15	
Methyl tert-butyl ether	174	10	"	157	44	83	65-125	16	20	
Toluene	680	10	"	760	30	86	85-120	5	20	
Xylenes (total)	1740	10	"	816	1100	78	85-125	3	20	LN
Gasoline Range Organics (C4-C12)	17600	1000	"	8800	11000	75	60-140	8	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.88</i>		<i>"</i>	<i>5.00</i>		<i>98</i>	<i>60-135</i>			
<i>Surrogate: Toluene-d8</i>	<i>4.97</i>		<i>"</i>	<i>5.00</i>		<i>99</i>	<i>70-120</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>4.64</i>		<i>"</i>	<i>5.00</i>		<i>93</i>	<i>65-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.91</i>		<i>"</i>	<i>5.00</i>		<i>98</i>	<i>70-120</i>			

Sequoia Analytical - Morgan Hill

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

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

 Project:BP Heritage #11120, Dublin, CA
 Project Number:G07TM-0013
 Project Manager:Lynelle Onishi

 MPC0096
 Reported:
 03/24/06 14:12

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 6C14016 - EPA 5030B P/T / EPA 8260B
Blank (6C14016-BLK1)

Prepared & Analyzed: 03/14/06

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	300	"							
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	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.94		"	5.00		99	60-135			
<i>Surrogate: Toluene-d8</i>	5.11		"	5.00		102	70-120			
<i>Surrogate: Dibromofluoromethane</i>	4.96		"	5.00		99	65-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	4.87		"	5.00		97	70-120			

Laboratory Control Sample (6C14016-BS1)

Prepared & Analyzed: 03/14/06

tert-Amyl methyl ether	15.8	0.50	ug/l	16.3		97	80-115			
Benzene	5.77	0.50	"	5.04		114	65-115			
tert-Butyl alcohol	148	5.0	"	169		88	75-150			
Di-isopropyl ether	17.3	0.50	"	16.2		107	75-125			
1,2-Dibromoethane (EDB)	17.4	0.50	"	16.6		105	85-120			
1,2-Dichloroethane	17.2	0.50	"	15.5		111	85-130			
Ethanol	149	300	"	165		90	70-135			
Ethyl tert-butyl ether	17.5	0.50	"	16.4		107	75-130			
Ethylbenzene	7.57	0.50	"	7.28		104	75-135			
Methyl tert-butyl ether	8.61	0.50	"	7.84		110	65-125			
Toluene	35.2	0.50	"	38.0		93	85-120			
Xylenes (total)	42.4	0.50	"	40.8		104	85-125			
Gasoline Range Organics (C4-C12)	434	50	"	440		99	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.01		"	5.00		100	60-135			
<i>Surrogate: Toluene-d8</i>	4.98		"	5.00		100	70-120			
<i>Surrogate: Dibromofluoromethane</i>	4.90		"	5.00		98	65-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.13		"	5.00		103	70-120			

Sequoia Analytical - Morgan Hill

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

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

 Project:BP Heritage #11120, Dublin, CA
 Project Number:G07TM-0013
 Project Manager:Lynelle Onishi

 MPC0096
 Reported:
 03/24/06 14:12

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 6C14016 - EPA 5030B P/T / EPA 8260B

Matrix Spike (6C14016-MS1)	Source: MPC0001-04RE1			Prepared & Analyzed: 03/14/06						
tert-Amyl methyl ether	79.4	2.5	ug/l	81.6	1.6	95	80-115			
Benzene	56.6	2.5	"	25.2	30	106	65-115			
tert-Butyl alcohol	858	25	"	844	ND	102	75-120			
Di-isopropyl ether	84.1	2.5	"	81.2	ND	104	75-125			
1,2-Dibromoethane (EDB)	82.2	2.5	"	83.2	ND	99	85-120			
1,2-Dichloroethane	80.0	2.5	"	77.6	0.85	102	85-130			
Ethanol	847	1500	"	824	ND	103	70-135			
Ethyl tert-butyl ether	83.8	2.5	"	82.0	ND	102	75-130			
Ethylbenzene	56.2	2.5	"	36.4	18	105	75-135			
Methyl tert-butyl ether	39.0	2.5	"	39.2	ND	99	65-125			
Toluene	174	2.5	"	190	2.2	90	85-120			
Xylenes (total)	212	2.5	"	204	5.9	101	85-125			
Gasoline Range Organics (C4-C12)	6490	250	"	2200	4100	109	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>5.88</i>		<i>"</i>	<i>5.00</i>		<i>118</i>	<i>60-135</i>			
<i>Surrogate: Toluene-d8</i>	<i>5.01</i>		<i>"</i>	<i>5.00</i>		<i>100</i>	<i>70-120</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>4.72</i>		<i>"</i>	<i>5.00</i>		<i>94</i>	<i>65-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>5.09</i>		<i>"</i>	<i>5.00</i>		<i>102</i>	<i>70-120</i>			

Matrix Spike Dup (6C14016-MSD1)	Source: MPC0001-04RE1			Prepared: 03/14/06 Analyzed: 03/15/06						
tert-Amyl methyl ether	73.8	2.5	ug/l	81.6	1.6	88	80-115	7	15	
Benzene	52.8	2.5	"	25.2	30	90	65-115	7	20	
tert-Butyl alcohol	796	25	"	844	ND	94	75-120	7	25	
Di-isopropyl ether	76.8	2.5	"	81.2	ND	95	75-125	9	15	
1,2-Dibromoethane (EDB)	78.2	2.5	"	83.2	ND	94	85-120	5	15	
1,2-Dichloroethane	74.2	2.5	"	77.6	0.85	95	85-130	8	20	
Ethanol	874	1500	"	824	ND	106	70-135	3	35	
Ethyl tert-butyl ether	80.0	2.5	"	82.0	ND	98	75-130	5	25	
Ethylbenzene	54.2	2.5	"	36.4	18	99	75-135	4	15	
Methyl tert-butyl ether	35.8	2.5	"	39.2	ND	91	65-125	9	20	
Toluene	170	2.5	"	190	2.2	88	85-120	2	20	
Xylenes (total)	212	2.5	"	204	5.9	101	85-125	0	20	
Gasoline Range Organics (C4-C12)	5780	250	"	2200	4100	76	60-140	12	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>5.51</i>		<i>"</i>	<i>5.00</i>		<i>110</i>	<i>60-135</i>			
<i>Surrogate: Toluene-d8</i>	<i>5.00</i>		<i>"</i>	<i>5.00</i>		<i>100</i>	<i>70-120</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>4.46</i>		<i>"</i>	<i>5.00</i>		<i>89</i>	<i>65-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>5.06</i>		<i>"</i>	<i>5.00</i>		<i>101</i>	<i>70-120</i>			

Sequoia Analytical - Morgan Hill

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



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

Project:BP Heritage #11120, Dublin, CA
Project Number:G07TM-0013
Project Manager:Lynelle Onishi

MPC0096
Reported:
03/24/06 14:12

Notes and Definitions

LN MS and/or MSD below acceptance limits. See Blank Spike(LCS).
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 > 11120 > HistoricalBL
 State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Francisco
 Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time: <u>1415</u>	Temp:
Off-site Time: <u>1600</u>	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name: <u>Sequoia</u>	BP/AR Facility No.: <u>11120</u>	Consultant/Contractor: <u>URS</u>
Address: <u>885 Jarvis Drive</u> <u>Morgan Hill, CA 95037</u>	BP/AR Facility Address: <u>6400 Dublin Blvd., Dublin, CA 94568</u>	Address: <u>1333 Broadway, Suite 800</u> <u>Oakland, CA 94612</u>
Lab PM: <u>Lisa Race / Katt Min</u>	Site Lat/Long: <u>37.704742 / -121.909</u>	Consultant/Contractor Project No.: <u>38487130</u>
Tele/Fax: <u>408.782.8156 / 408.782.6308</u>	California Global ID No.: <u>T0600101432</u>	Consultant/Contractor PM: <u>Lynelle Onishi</u>
BP/AR PM Contact: <u>Kyle Christie</u>	Enfos Project No.: <u>G07TM-0013</u>	Tele/Fax: <u>510.874.1758 / 510.874.3268</u>
Address: <u>4 Centerpointe Dr.</u> <u>La Palma, CA 90623</u>	Provision or RCOP: <u>Provision</u>	Report Type & QC Level: <u>Level 1 with BDF</u>
Tele/Fax: <u>(714) 670-5303 / (714) 670-5195</u>	Phase/WBS: <u>04 - Mon/Remed by Natural Attenuation</u>	E-mail EDD To: <u>Donna.Cosper@urscorp.com</u>
	Sub Phase/Task: <u>03 - Analytical</u>	Invoice to: <u>Atlantic Richfield Company</u>
	Cost Element: <u>05 - Subcontracted Costs</u>	

Lab Bottle Order No: <u>11120</u>				Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments			
Item No.	Sample Description	Time	Date	Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO / BTEX (8260)	MTBE, TAME, ETBE	DPE, TPA (8260)	EDB, 1,2-DCA (8260)	Ethanol (8260)				
1	<u>MW-8</u>	<u>1550</u>	<u>8/10/06</u>			X	<u>01</u>	<u>W</u>														
2	<u>MW-9</u>	<u>1526</u>	<u>↓</u>				<u>02</u>	<u>W</u>														
3	<u>MW-10</u>	<u>1505</u>	<u>↓</u>				<u>03</u>	<u>W</u>														
4	<u>MW-11</u>	<u>1526</u>	<u>↓</u>				<u>04</u>	<u>W</u>														
5	<u>TB-11120-05012006</u>	<u>—</u>	<u>↓</u>				<u>05</u>	<u>2</u>														<u>on hold</u>
6																						
7																						
8																						
9																						
10																						

Sampler's Name: <u>Will Coper</u>	Relinquished By / Affiliation: <u>[Signature]</u>	Date: <u>05/10/06</u>	Time: <u>1645</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>3/1/06</u>	Time: <u>1645</u>
Sampler's Company: <u>Blaine Tech</u>						
Shipment Date: <u>3/2/06</u>						
Shipment Method: <u>TA</u>						
Shipment Tracking No: <u>7-26</u>						

Special Instructions:

Custody Seals In Place Yes Y No No Temp Blank Yes Y No No Cooler Temperature on Receipt 32 °C Trip Blank Yes Y No No

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
 REC. BY (PRINT) EB
 WORKORDER: MPL0096

DATE REC'D AT LAB: 3-2-04
 TIME REC'D AT LAB: 1730
 DATE LOGGED IN: _____

For Regulatory Purposes?
 DRINKING WATER YES NO
 WASTE WATER YES NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <input checked="" type="checkbox"/> Present / <input type="checkbox"/> Absent Intact / <input type="checkbox"/> Broken*									<div style="font-size: 2em; font-weight: bold; transform: rotate(-45deg); display: inline-block;"> NOC 3/2/04 </div>
2. Chain-of-Custody <input checked="" type="checkbox"/> Present / <input type="checkbox"/> Absent*									
3. Traffic Reports or Packing List: <input checked="" type="checkbox"/> Present / <input type="checkbox"/> Absent									
4. Airbill: <input type="checkbox"/> Airbill / <input checked="" type="checkbox"/> Sticker <input type="checkbox"/> Present / <input checked="" type="checkbox"/> Absent									
5. Airbill #:									
6. Sample Labels: <input checked="" type="checkbox"/> Present / <input type="checkbox"/> Absent									
7. Sample IDs: <input checked="" type="checkbox"/> Listed / <input type="checkbox"/> Not Listed on Chain-of-Custody									
8. Sample Condition: <input checked="" type="checkbox"/> Intact / <input type="checkbox"/> Broken* / <input type="checkbox"/> Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No*									
10. Sample received within hold time? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No*									
11. Adequate sample volume received? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No*									
12. Proper preservatives used? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No*									
14. Read Temp: <u>3.2 C</u> Corrected Temp: <u>3.2 C</u> Is corrected temp 4 +/- 2°C? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No**									

*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:	3/28/2006 1:34:30 PM

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 2006 BP/ARCO 11120
GEOWELL

Submittal Date/Time: 3/28/2006 1:35:30 PM

Confirmation Number: 5039777994

[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

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	3/28/2006 1:36:51 PM
<u>GLOBAL ID:</u>	T0600101432
<u>FILE UPLOADED:</u>	BP#11120-EDF-MPC0096.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.

BP	<u>Regional Board - Case #: 01-1556</u>
6400 DUBLIN BLVD	SAN FRANCISCO BAY RWQCB (REGION 2)
DUBLIN, CA 94568	<u>Local Agency (lead agency) - Case #: 2095</u>
	ALAMEDA COUNTY LOP - (BC)

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	Y
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

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
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 EDF](#) | [Check EDF](#)

Your EDF file has been successfully uploaded!

Confirmation Number: 4652329683
Date/Time of Submittal: 3/28/2006 1:37:45 PM
Facility Global ID: T0600101432
Facility Name: BP
Submittal Title: 1Q 2006 BP/ARCO 11120 EDF
Submittal Type: GW Monitoring Report

Click [here](#) to view the detections report for this upload.

BP 6400 DUBLIN BLVD DUBLIN, CA 94568	Regional Board - Case #: 01-1556 SAN FRANCISCO BAY RWQCB (REGION 2) Local Agency (lead agency) - Case #: 2095 ALAMEDA COUNTY LOP - (BC)
---	--

CONF #	TITLE	QUARTER
4652329683	1Q 2006 BP/ARCO 11120 EDF	Q1 2006
SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	3/28/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	Y
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

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

ATTACHMENT D

**HISTORICAL GROUNDWATER ANALYTICAL DATA FOR FORMER
WELLS ABANDONED IN 1999 (SOURCE ALISTO ENGINEERING)**

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11120
 6400 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA

ALJSTO PROJECT NO. 10-170

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-1 (c)	10/27/92	328.96	8.19	320.77	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---
MW-1	04/09/93	328.96	4.79	324.17	ND<50	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-1	08/25/93	328.96	6.85	322.11	ND<50	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-1	11/22/93	328.96	7.38	321.58	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-1	03/07/94	328.96	5.89	323.07	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-1	06/09/94	328.96	6.42	322.54	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	4.3	PACE
MW-1	09/12/94	328.96	7.33	321.63	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	8.8	PACE
MW-1	12/20/94	328.96	6.34	322.62	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	7.8	PACE
MW-1	03/16/95	328.96	4.37	324.59	ND<50	ND<500	---	---	---	---	---	---	---
MW-1	06/28/95	328.96	5.35	323.61	---	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	5.6	ATI
MW-1	09/06/95	328.96	6.44	322.52	ND<50	---	---	---	---	---	---	---	---
MW-1	12/22/95	328.96	6.04	322.92	---	340	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	7.4	ATI
MW-1	08/20/96	328.96	5.65	323.31	---	---	---	---	---	---	---	---	---
MW-1	08/21/96	328.96	---	---	---	---	---	---	---	---	---	---	---
MW-1	10/31/96	328.96	5.99	322.97	ND<50	160	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.8	SPL
MW-1 (d)	12/02/96	328.96	---	---	---	---	---	---	---	---	---	---	---
MW-1 (d)	06/26/98	328.96	---	---	---	---	---	---	---	---	---	---	---
MW-2	10/27/92	328.50	7.64	320.86	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---
MW-2	04/09/93	328.50	4.12	324.38	ND<50	80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-2	08/25/93	328.50	6.31	322.19	ND<50	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-2	11/22/93	328.50	7.12	321.98	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-2	03/07/94	328.50	5.60	322.90	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
MW-2	06/09/94	328.50	5.91	322.59	ND<50	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	4.3	PACE
MW-2	09/12/94	328.50	6.87	321.63	ND<50	160	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	8.2	PACE
MW-2	12/20/94	328.50	5.86	322.64	---	---	---	---	---	---	---	7.5	PACE
MW-2	03/16/95	328.50	3.77	324.73	ND<50	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---
MW-2	03/16/95	328.50	3.77	324.73	ND<50	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	6.6	ATI
MW-2	06/28/95	328.50	4.33	324.17	---	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	6.6	ATI
MW-2	09/06/95	328.50	5.85	322.65	ND<50	---	---	---	---	---	---	---	---
MW-2	12/22/95	328.50	5.50	323.00	---	210	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	7.0	ATI
MW-2	08/20/96	328.50	5.07	323.43	---	---	---	---	---	---	---	---	---
MW-2	08/21/96	328.50	---	---	---	---	---	---	---	---	---	---	---
MW-2	10/31/96	328.50	5.44	323.06	ND<50	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	7.0	SPL
MW-2	12/02/96	328.50	5.50	323.00	---	---	---	---	---	---	---	---	---
MW-2	03/27/97	328.50	4.61	323.89	ND<50	ND<100	---	---	---	---	---	---	---
MW-2	06/03/97	328.50	7.14	321.36	---	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.8	SPL
MW-2	09/16/97	328.50	6.10	322.40	---	---	---	---	---	---	---	---	---
MW-2	12/03/97	328.50	6.22	322.28	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.2	SPL
MW-2	06/26/98	328.50	4.86	323.64	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.6	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11120
 6400 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-170

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet) (e)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-3	10/27/92	329.36	8.43	320.93	210	ND<50	3	0.7	0.9	30	—	—	PACE
MW-3	04/09/93	329.36	4.90	324.46	400	260	6.1	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-3	08/25/93	329.36	7.13	322.23	2000	440	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-3	11/22/93	329.36	7.60	321.76	1800	360	ND<2.5	ND<2.5	ND<2.5	ND<2.5	3300	(e)	PACE
MW-3	03/07/94	329.36	6.08	323.28	1300	5000	22	4.0	2.2	3.8	910	(e)	PACE
MW-3	06/09/94	329.36	6.51	322.85	8900	2600	25	8.3	0.5	15	7200	(e)	PACE
OC-1 (f)	06/09/94	—	—	—	8800	—	23	6.3	0.5	10	13000	(e)	PACE
MW-3	09/12/94	329.36	7.63	321.73	2100	3200	ND<5.0	ND<5.0	8.8	20	3800	(e)	PACE
OC-1 (f)	09/12/94	—	—	—	1800	—	ND<5.0	ND<5.0	8.0	10	3900	(e)	PACE
MW-3	12/20/94	329.36	6.41	322.95	18000	9600	79	28	89	9.3	—	—	PACE
OC-1 (f)	12/20/94	—	—	—	17000	—	79	33	80	ND<2.5	—	—	PACE
MW-3	03/16/95	329.36	4.39	324.97	6300	7000	470	ND<5.0	210	9.9	—	—	ATI
OC-1 (f)	03/16/95	—	—	—	6300	—	500	ND<5.0	230	13	—	—	ATI
MW-3	06/28/95	329.36	5.50	323.86	9000	3000	(g) ND<10	ND<10	ND<10	ND<20	—	—	ATI
OC-1 (f)	06/28/95	—	—	—	8800	—	(g) ND<10	ND<10	ND<10	ND<20	—	—	ATI
MW-3	09/06/95	329.36	6.66	322.70	10000	2800	ND<50	ND<50	ND<50	ND<100	37000	7.1	ATI
OC-1 (f)	09/06/95	—	—	—	9700	—	ND<50	ND<50	ND<50	ND<100	36000	—	ATI
MW-3	12/22/95	329.36	6.31	323.05	9200	2500	ND<50	ND<50	ND<50	ND<100	29000	6.7	ATI
MW-3	08/20/96	329.36	5.87	323.49	—	—	—	—	—	—	—	—	—
MW-3	08/21/96	329.36	—	—	3700	1900	ND<25	ND<50	ND<50	ND<50	4100	6.8	SPL
OC-1 (f)	08/21/96	—	—	—	3500	—	ND<25	ND<50	ND<50	ND<50	4000	—	SPL
MW-3	10/31/96	329.36	6.20	323.16	ND<250	ND<500	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	—	SPL
OC-1 (f)	10/31/96	—	—	—	ND<250	—	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	—	SPL
MW-3	12/02/96	329.36	6.27	323.09	ND<250	50	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	—	SPL
OC-1 (f)	12/02/96	—	—	—	ND<250	—	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	—	SPL
MW-3	03/27/97	329.36	5.39	323.97	470	ND<100	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	—	SPL
MW-3	06/03/97	329.36	7.92	321.44	ND<250	100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	490	6.2	SPL
OC-1 (f)	06/03/97	—	—	—	ND<250	—	ND<2.5	ND<5.0	ND<5.0	ND<5.0	84	5.9	SPL
MW-3	09/16/97	329.36	6.67	322.69	ND<50	330	ND<2.5	ND<5.0	ND<5.0	ND<5.0	74.0	—	SPL
MW-3	12/03/97	329.36	6.81	322.55	ND<50	ND<200	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	—	SPL
OC-1 (f)	12/03/97	—	—	—	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.0	SPL
MW-3	06/26/98	329.36	5.08	324.28	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	SPL
							ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	4.8	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11120
 6400 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-170

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-4	10/27/92	329.45	8.61	320.84	2300	190							
MW-4	04/09/93	329.45	5.25	324.20	1600	500	23	54	50	320			
MW-4	08/25/93	329.45	7.32	322.13	1800	380	78	3.5	68	1.0			PACE
OC-1 (f)	09/25/93	—	—	—	1600	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2100	(e)	PACE
MW-4	11/22/93	329.45	7.63	321.62	610	260	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2100	(e)	PACE
OC-1 (f)	11/22/93	—	—	—	1700	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—		PACE
MW-4	03/07/94	329.45	6.29	323.16	710	1400	0.5	0.8	ND<0.5	ND<0.5	3500	(e)	PACE
OC-1 (f)	03/07/94	—	—	—	1600	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5900	(e)	PACE
MW-4	06/09/94	329.45	6.76	322.69	6400	1800	ND<10	ND<10	1.4	4200	(e)	3.8	PACE
MW-4	09/12/94	329.45	7.83	321.62	2000	2700	ND<0.5	ND<10	ND<10	ND<10	10000	(e)	PACE
MW-4	12/20/94	329.45	6.68	322.77	9200	2400	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4200	(e)	PACE
MW-4	03/16/95	329.45	4.66	324.79	1400	960	ND<5.0	ND<5.0	ND<5.0	ND<5.0	—		PACE
MW-4	06/28/95	329.45	5.93	323.52	5000	5400	140	ND<2.5	58	14	—		PACE
MW-4	09/06/95	329.45	6.83	322.62	4400	4500	240	ND<5.0	220	ND<10	—		ATI
MW-4	12/22/95	329.45	6.42	323.03	3800	4700	ND<13	ND<13	ND<13	ND<25	12000	7.4	ATI
OC-1 (f)	12/22/95	—	—	—	3900	—	15	ND<13	ND<13	ND<25	9200	7.1	ATI
MW-4	08/20/96	329.45	6.01	323.44	—	—	16	ND<13	ND<13	ND<25	8600	—	ATI
MW-4	08/21/96	329.45	—	—	—	—	—	—	—	—	—	—	—
MW-4	10/31/96	329.45	6.37	323.08	ND<250	470	ND<12	ND<25	ND<25	ND<25	ND<250	7.7	SPL
MW-4	12/02/96	329.45	6.71	322.74	ND<250	1600	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	7.1	SPL
MW-4	03/27/97	329.45	5.70	323.75	ND<50	13000	ND<5	ND<10	ND<10	ND<10	2200	7.3	SPL
OC-1 (f)	03/27/97	—	—	—	8300	1500	44	ND<25	ND<25	ND<25	8000	6.2	SPL
MW-4	06/03/97	329.45	8.37	321.08	6900	—	51	ND<25	ND<25	ND<25	8500	—	SPL
MW-4	09/16/97	329.45	6.91	322.54	2800	270	62	ND<1.0	ND<1.0	ND<1.0	7000	7.1	SPL
OC-1 (f)	09/16/97	—	—	—	110	1800	0.60	ND<1.0	ND<1.0	ND<1.0	7700	6.2	SPL
MW-4	12/03/97	329.45	7.16	322.29	130	—	1.2	ND<1.0	ND<1.0	ND<1.0	7100	—	SPL
MW-4	06/26/98	329.45	5.15	324.30	ND<50	ND<200	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.0	SPL
MW-5	04/09/93	329.60	5.18	324.42	520	—	0.52	ND<1.0	ND<1.0	ND<1.0	1100	5.3	SPL
MW-5	08/25/93	329.60	7.28	322.32	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-5	11/22/93	329.60	7.82	321.78	ND<50	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-5	03/07/94	329.60	6.27	323.33	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-5	06/09/94	329.60	6.73	322.87	ND<50	120	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-5	09/12/94	329.60	7.78	321.82	ND<50	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	5.7	PACE
MW-5	12/20/94	329.60	6.63	322.97	ND<50	120	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	7.7	PACE
MW-5	03/16/95	329.60	4.65	324.95	—	—	—	—	—	—	—	7.2	PACE
MW-5	06/28/95	329.60	5.69	323.91	ND<50	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—
MW-5	09/06/95	329.60	6.82	322.78	—	—	—	—	—	—	—	4.9	ATI
MW-5	12/22/95	329.60	6.40	323.20	ND<50	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—
MW-5	08/20/96	329.60	5.98	323.62	—	—	—	—	—	—	ND<5.0	7.3	ATI
MW-5	08/21/96	329.60	—	—	—	—	—	—	—	—	—	—	—
MW-5	10/31/96	329.60	6.29	323.31	ND<50	ND<50	ND<0.50	ND<1.0	—	—	—	—	—
MW-5	12/02/96	329.60	6.37	323.23	—	—	—	—	ND<1.0	ND<1.0	ND<10	6.9	SPL
MW-5	03/27/97	329.60	5.33	324.27	—	—	—	—	—	—	—	—	—
MW-5	06/03/97	329.60	8.00	321.60	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.8	SPL
MW-5	09/16/97	329.60	6.89	322.71	—	—	—	—	—	—	—	—	—
MW-5	12/03/97	329.60	6.99	322.61	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	27	5.4	SPL
MW-5	06/26/98	329.60	5.11	324.49	ND<50	—	—	—	—	—	—	—	—
							ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.7	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11120
 6400 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-170

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet) (a)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
MW-6	04/09/93	329.55	5.37	324.18	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—
MW-6	08/25/93	329.55	7.42	322.13	ND<50	170	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-6	11/22/93	329.55	7.93	321.62	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-6	03/07/94	329.55	6.25	323.30	ND<50	90	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-6	06/09/94	329.55	6.05	322.70	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	4.2	PACE
MW-6	09/12/94	329.55	7.91	321.64	ND<50	240	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	7.0	PACE
MW-6	12/20/94	329.55	6.82	322.73	—	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	6.7	PACE
MW-6	03/16/95	329.55	4.78	324.77	ND<50	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—
MW-6	06/28/95	329.55	5.97	323.58	—	—	—	—	—	—	—	6.1	ATI
MW-6	09/06/95	329.55	6.94	322.61	ND<50	340	ND<0.50	ND<0.50	—	—	—	—	—
MW-6	12/22/95	329.55	6.53	323.02	—	—	—	—	ND<0.50	ND<1.0	ND<5.0	7.2	ATI
MW-6	08/20/96	329.55	6.18	323.37	—	—	—	—	—	—	—	—	—
MW-6	08/21/96	329.55	—	—	ND<50	120	ND<0.5	ND<1.0	—	—	—	—	—
MW-6	10/31/96	329.55	6.52	323.03	—	—	—	—	—	—	—	—	—
MW-6	12/02/96	329.55	6.55	323.00	—	—	—	—	ND<1.0	ND<1.0	ND<1.0	—	SPL
MW-6	03/27/97	329.55	5.50	324.05	—	—	—	—	—	—	—	—	—
MW-6	06/03/97	329.55	8.19	321.36	ND<50	ND<100	ND<0.5	ND<1.0	—	—	—	—	—
MW-6	09/16/97	329.55	6.95	322.60	—	—	—	—	ND<1.0	ND<1.0	ND<1.0	6.3	SPL
MW-6	12/03/97	329.55	7.22	322.33	ND<250	680	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<5.0	—	—
MW-6	06/26/98	329.55	5.20	324.35	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5.5	SPL
MW-7	04/09/93	329.49	5.36	324.13	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.0	4.6	SPL
MW-7	08/25/93	329.49	7.44	322.05	ND<50	150	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—
MW-7	11/22/93	329.49	7.92	321.57	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-7	03/07/94	329.49	6.20	323.29	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-7	06/09/94	329.49	6.89	322.60	ND<50	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-7	09/12/94	329.49	7.07	321.62	ND<50	50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	3.7	PACE
MW-7	12/20/94	329.49	6.77	322.72	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	6.8	PACE
MW-7	03/16/95	329.49	4.77	324.72	ND<50	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	6.8	PACE
MW-7	06/28/95	329.49	5.94	323.55	ND<50	320	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	6.5	PACE
MW-7	09/06/95	329.49	6.98	322.51	ND<50	240	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	5.9	ATI
MW-7	12/22/95	329.49	6.65	322.84	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	7.8	ATI
MW-7	08/20/96	329.49	6.22	323.27	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	8.5	7.5	ATI
MW-7	08/21/96	329.49	—	—	—	—	—	—	—	—	7.2	6.9	ATI
MW-7	10/31/96	329.49	6.56	322.93	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	—	—
MW-7	12/02/96	329.49	6.13	323.36	ND<50	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	—	SPL
MW-7	03/27/97	329.49	5.08	324.41	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	86	6.8	SPL
MW-7	06/03/97	329.49	7.80	321.69	ND<50	650	ND<0.5	ND<1.0	ND<1.0	ND<1.0	59	7.3	SPL
MW-7	09/16/97	329.49	6.50	322.99	120	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	6.6	SPL
MW-7	12/03/97	329.49	6.66	322.83	ND<50	ND<200	ND<0.5	ND<1.0	ND<1.0	ND<1.0	630	6.8	SPL
MW-7 (h)	06/26/98	329.49	4.96	324.53	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	2200	6.0	SPL
											ND<1.0	5.0	SPL
											ND<1.0	5.1	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11120
 6400 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-170

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet) (a)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet) (b)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DO (ppm)	LAB
QC-2 (i)	08/25/93	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---
QC-2 (i)	11/22/93	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	03/07/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	06/09/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	09/12/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	12/20/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	03/16/95	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	PACE
QC-2 (i)	06/28/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	PACE
QC-2 (i)	09/06/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	ATI
QC-2 (i)	12/22/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	ATI
													ATI

ABBREVIATIONS:

TPH-G Total petroleum hydrocarbons as gasoline
 TPH-D Total petroleum hydrocarbons as diesel
 B Benzene
 T Toluene
 E Ethylbenzene
 X Total xylenes
 MTBE Methyl tert butyl ether
 DO Dissolved oxygen
 ug/l Micrograms per liter
 ppm Parts per million
 ND Not detected above reported detection limit
 --- Not analyzed/applicable/measured
 PACE Pace, Inc.
 ATI Analytical Technologies, Inc.
 SPL Southern Petroleum Laboratories

NOTES:

- (a) Top of casing elevations surveyed to an arbitrary datum.
- (b) Groundwater elevations relative to an arbitrary datum.
- (c) Analysis did not detect total oil and grease and halogenated volatile organic compounds above reported detection limits.
- (d) Well inaccessible.
- (e) A copy of the documentation for this data is included in Appendix C of Alisto report 10-170-05-001.
- (f) Blind duplicate.
- (g) MTBE peak. Refer to documentation for this data in Appendix C of Alisto report 10-170-05-001.
- (h) Analysis did not detect volatile organic compounds above reported detection limits.
- (i) Travel blank.

FO1110-170170-5-4.W02

TABLE 2 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING FOR EPA METHOD 8260 ANALYSIS
 BP OIL COMPANY SERVICE STATION NO. 11120
 6400 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA

*ALISTO PROJECT NO. 10-170

WELL ID	DATE OF SAMPLING/ MONITORING	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DIPE (ug/l)	ETBE (ug/l)	TBA (ug/l)	TAME (ug/l)	LAI
MW-4	06/26/98	ND<5	ND<5	ND<5	ND<5	ND<10	ND<10	ND<10	ND<500	ND<10	SPL
MW-7	06/26/98	ND<5	ND<5	ND<5	ND<5	ND<10	ND<10	ND<10	ND<500	ND<10	SPL

ABBREVIATIONS:

B Benzene
 T Toluene
 E Ethylbenzene
 X Total xylenes
 MTBE Methyl tert butyl ether
 DIPE Di-isopropyl ether
 ETBE Ethyl t-butyl ether
 TBA t-butyl ether
 TAME tert-amyl methyl ether
 ug/l Micrograms per liter
 ND Not detected above reported detection limit
 SPL Southern Petroleum Laboratories

F:\01\10-170\10-170EC.WQ2