URS

April 7, 2005

Mr. Robert Schultz
Alameda County Health Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: First Quarter 2005 Groundwater Monitoring Report
Former BP Service Station # 11120
6400 Dublin Road
Dublin, California
Regulatory Case No.: RO0002431

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 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

Lynelle Onishi
Project Manager

Barbara J. Jakub, P.G.
Senior Geologist

REGISTERED GEOLOGIST
BARBARA J JAKUB
No. 7304
STATE OF CALIFORNIA

Enclosure: First Quarter 2005 Groundwater Monitoring Report

cc: Mr. Kyle Christie, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Ms. Liz Sewell, ConocoPhillips, electronic copy uploaded to URS ftp server

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

FIRST QUARTER 2005 GROUNDWATER MONITORING REPORT

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

Prepared for
RM

April 7, 2005

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

Date: April 7, 2005

Quarter: 1Q 05

RM QUARTERLY GROUNDWATER MONITORING REPORT

Former Facility No.: 11120 Address: 6400 Dublin Road, Dublin, CA

RM Environmental Business Manager: Kyle Christie

Consulting Co./Contact Person: URS Corporation / Lynelle Onishi

Primary Agency.: Alameda County Environmental Health (ACEH)

Primary Agency Case No: RO0002431

WORK PERFORMED THIS QUARTER (First – 2005):

1. Performed first quarter 2005 groundwater monitoring event on March 3, 2005.

WORK PROPOSED FOR NEXT QUARTER (Second – 2005):

1. Prepare and submit this first quarter 2005 groundwater monitoring report.
2. Perform second quarter 2005 groundwater monitoring event.
3. Prepare and submit second quarter 2005 groundwater monitoring report.

Current Phase of Project: GW monitoring/sampling

Frequency of Groundwater Sampling: Wells MW-8 through MW-11 quarterly

Frequency of Groundwater Monitoring: Quarterly

Is Free Product (FP) Present On-Site: No

Current Remediation Techniques: None

Approximate Depth to Groundwater: 4.43 (MW-8) to 5.13 (MW-11) Feet

Groundwater Gradient (direction): South-Southeast

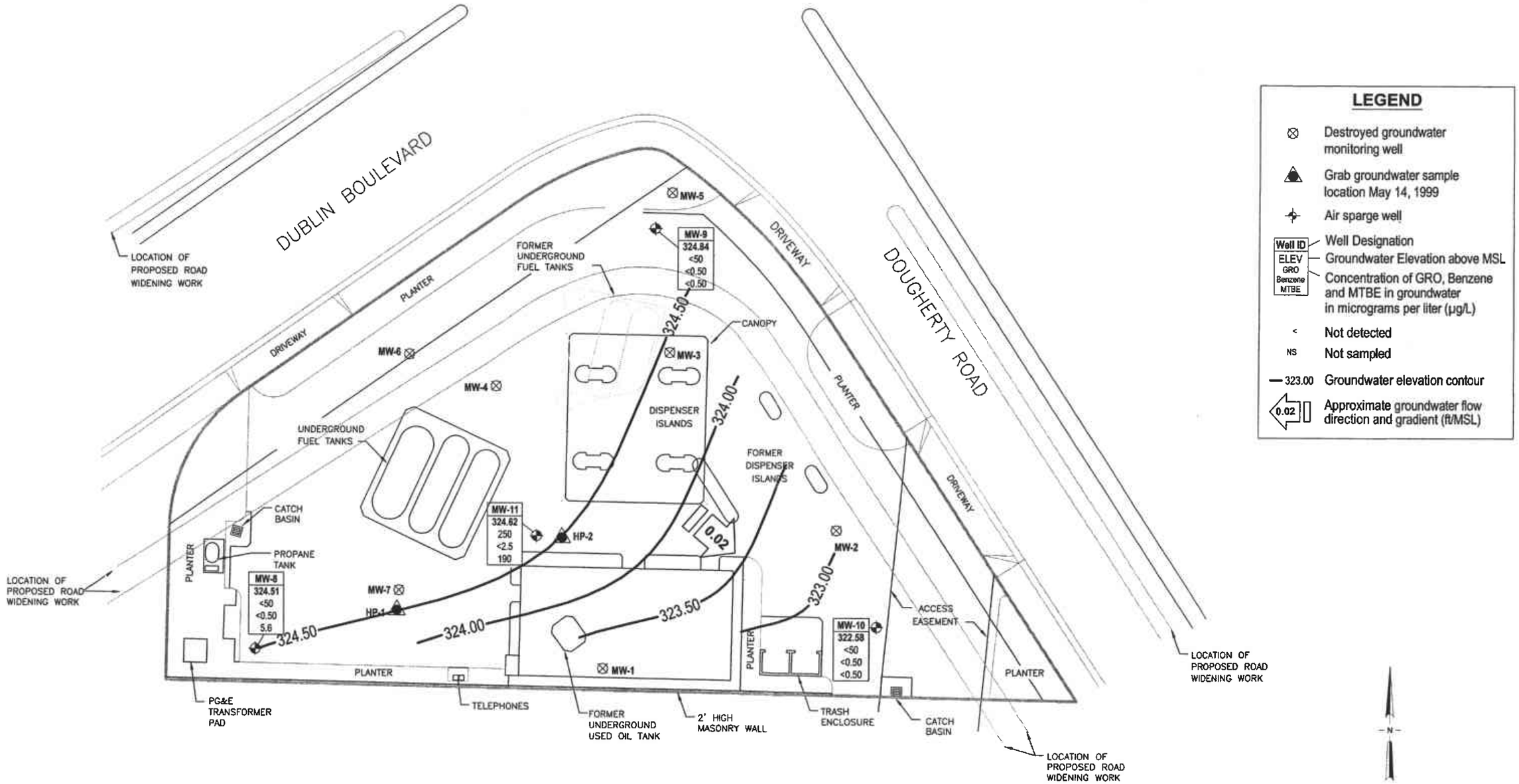
Groundwater Gradient (magnitude): 0.02 feet per foot

DISCUSSION:

Gasoline range organics (GRO) were detected at or above the laboratory reporting limit in one well (MW-11) at a concentration of 250 micrograms per liter (µg/L). Methyl tert-butyl ether (MTBE) was detected at or above the laboratory reporting limit in two of the four wells sampled this quarter at concentrations ranging from 5.6 µg/L (MW-8) to 190 µg/L (MW-11). No other fuel components were detected at or above their respective laboratory reporting limits in any of the four wells sampled 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 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)



LEGEND

- ⊗ Destroyed groundwater monitoring well
- ▲ Grab groundwater sample location May 14, 1999
- ✛ Air sparge well
- Well ID / ELEV / GRO / Benzene / MTBE — Well Designation; Groundwater Elevation above MSL; Concentration of GRO, Benzene and MTBE in groundwater in micrograms per liter (µg/L)
- < Not detected
- NS Not sampled
- — 323.00 Groundwater elevation contour
- 0.02 Approximate groundwater flow direction and gradient (ft/MSL)

URS	Project No. 38487253 Former BP Station #11120 6400 Dublin Boulevard Dublin, California	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP First Quarter 2005 (March 3, 2005)	FIGURE 1

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Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	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**	
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**	
MW-10	02/25/2002	--	327.44	4.21	--	323.23	53	2.58	<0.5	2.83	8.46	<0.5	--	PACE	--	
	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	

Table 1

Groundwater Elevation and Analytical Data

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

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	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	09/17/2004	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**	
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**

Table 1

Groundwater Elevation and Analytical Data

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

ABBREVIATIONS AND SYMBOLS:
TOC = Top of Casing
DTW = Depth to Water
GWE = Groundwater Elevation
GRO = Gasoline range organics, C4-C12
TPH-g = Total petroleum hydrocarbons as gasoline
MTBE = Methyl tert butyl either by EPA method 8021B (prior to 6/28/03) or 8260B
DO = Dissolved oxygen
ug/L = Micrograms per liter
mg/L = Milligrams per liter
< = Not detected at or above laboartory reporting limit
-- = Not sampled/applicable/analyzed/measured
PACE = Pace, Inc.
SEQM = Sequoia Analytical Laboratory

FOOTNOTES:
a. Analyzed by EPA method 8260 B; fuel oxygenates include ethanol, tert-butyl achohol, di-isopropyl ether, ethyl tert-butyl ether, tert-amyl methly ether; lead scavengers include: 1,2 dichloroethane & ethylene dibromide
b. Beginning on the second quarter 2003 monitoring event (6/28/03),TPHg, BTEX, MTBE and fuel oxygenates analyzed by EPA Method 8260B.
c. The hydrocarbon result for GRO was partly due to individual peaks in the quantification range.

NOTES:
Top of casing elevations surveyed relative to an elevation of 18.409 feet above mean sea level.

Groundwater elevations in feet above mean sea level.

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**	
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**	
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	
	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**	
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	

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-11	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**	

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
ug/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.

NOTES:
All volatile organic compounds (Ethanol, TBA, MTBE, DIPE, ETBE, TAME, EDC, and EDB) 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.

WELL GAUGING DATA

Project # 050303-KZ Date 3/3/05 Client BP 11120

Site 6400 Dublin Blvd., 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-8	2					4.43	19.62	TOC	
MW-9	2					5.12	19.62		
MW-10	2					4.86	19.58		
MW-11	2					5.13	19.46		
		⇒ Removed caps and waited 15 min. for stabilization							

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050303-PC2	Station # BP 11120
Sampler: PC	Date: 3/3/05
Well I.D.: MW-B	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.62	Depth to Water: 4.43
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: _____

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.

2.4 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 7.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1348	65.4	6.9	2396	2.5	cloudy
1354	66.5	6.9	2675	5	↓
1400	67.0	6.9	2673	7.5	

Did well dewater? Yes (No) Gallons actually evacuated: 7.5

Sampling Time: ~~MW-B~~ 1410 Sampling Date:

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

Analyzed for: GRO BTEX MTBE DRO 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 #: 050303-PC2	Station # ~~0580~~ BP 11120
Sampler: PC	Date: 3/3/05
Well I.D.: MW-9	Well Diameter: ② 3 4 6 8 ____
Total Well Depth: 19.62	Depth to Water: 5.12
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: ____

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.

2.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 6.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1318	64.2	7.6	2472	2.3	cloudy
1322	63.7	7.7	1300	4.6	↓
1327	63.6	7.6	1259	6.9	↓

Did well dewater? Yes (No)		Gallons actually evacuated: 7	
Sampling Time: ~~MW-9~~ VG 1335		Sampling Date: 3/3/05	
Sample I.D.: MW-9		Laboratory: Pace (Sequoia) Other ____	
Analyzed for: GRO BTEX MTBE DRO		Other: see COC	
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 #: 050303-PC2	Station # BP 11120
Sampler: PC	Date: 3/3/05
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.58	Depth to Water: 4.86
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 / (A) Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ___

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

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

2.4 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 7.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1248	67.2	6.8	7105	2.5	cloudy
1254	66.8	6.8	7411	5	↓
1259	66.5	6.9	7306	7.5	

Did well dewater? Yes (No) Gallons actually evacuated: 7.5

Sampling Time: ~~1305~~ 1305 Sampling Date: 3/3/05

Sample I.D.: MW-10 Laboratory: Pace (Sequoia) Other ___

Analyzed for: GRO BTEX MTBE DRO Other: See COC

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 #: 050303-PC2	Station # BP 11120
Sampler: R	Date: 3/3/05
Well I.D.: MW-11	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.45	Depth to Water: 5.13
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
- (X) Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- Bailer
- (X) Disposable Bailer
- Extraction Port
- Other: _____

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

2.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 6.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1420	66.6	7.1	2097	2.3	cloudy
1425	66.6	7.0	2019	4.6	↓
1430	66.9	7.0	1992	6.9	

Did well dewater? Yes (No) Gallons actually evacuated: 7

Sampling Time: (R) 1435 Sampling Date: 3/3/05

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

Analyzed for: GRO BTEX MTBE DRO Other: 5 oxy

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:

BP 11120

Station #

6400 Dublin Blvd., Dublin

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

29

added equip. rinse water 10

any other adjustments

TOTAL GALS. RECOVERED 39

loaded onto BTS vehicle # 48

BTS event #	time	date
050303-PC2	1300	3/3/05

signature

* *

REC'D AT	time	date
BTS		3/3/05

unloaded by

signature

ATTACHMENT B

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

LABORATORY PROCEDURES

Laboratory Procedures

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

Sequoia
Analytical

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18 March, 2005

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

RE: BP Heritage #11120, Dublin, CA
Work Order: MOC0151

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

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URS Corporation [Arco]	Project:BP Heritage #11120, Dublin, CA	MOC0151
1333 Broadway, Suite 800	Project Number:G07TM-0007	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	03/18/05 15:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8	MOC0151-01	Water	03/03/05 14:10	03/04/05 17:10
MW-9	MOC0151-02	Water	03/03/05 13:35	03/04/05 17:10
MW-10	MOC0151-03	Water	03/03/05 13:05	03/04/05 17:10
MW-11	MOC0151-04	Water	03/03/05 14:35	03/04/05 17:10
TB-1112003032005	MOC0151-05	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

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URS Corporation [Arco]	Project:BP Heritage #11120, Dublin, CA	MOC0151
1333 Broadway, Suite 800	Project Number:G07TM-0007	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	03/18/05 15:23

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MOC0151-01) Water Sampled: 03/03/05 14:10 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	**5.6**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*124 %*	*60-135*		"	"	"	"	
MW-9 (MOC0151-02) Water Sampled: 03/03/05 13:35 Received: 03/04/05 17:10									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5C15010	03/15/05	03/16/05	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		*121 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:BP Heritage #11120, Dublin, CA	MOC0151
1333 Broadway, Suite 800	Project Number:G07TM-0007	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	03/18/05 15:23

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MOC0151-03) Water Sampled: 03/03/05 13:05 Received: 03/04/05 17:10									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5C15010	03/15/05	03/16/05	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		*122 %*	*60-135*		"	"	"	"	
MW-11 (MOC0151-04) Water Sampled: 03/03/05 14:35 Received: 03/04/05 17:10									
tert-Amyl methyl ether	ND	2.5	ug/l	5	5C15010	03/15/05	03/16/05	EPA 8260B	
Benzene	ND	2.5	"	"	"	"	"	"	
tert-Butyl alcohol	ND	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	**190**	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**250**	250	"	"	"	"	"	"	PV
Surrogate: 1,2-Dichloroethane-d4		*129 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:BP Heritage #11120, Dublin, CA Project Number:G07TM-0007 Project Manager:Leonard Niles	MOC0151 **Reported:** 03/18/05 15:23

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

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URS Corporation [Arco]	Project:BP Heritage #11120, Dublin, CA	MOC0151
1333 Broadway, Suite 800	Project Number:G07TM-0007	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	03/18/05 15:23

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*			

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URS Corporation [Arco]	Project:BP Heritage #11120, Dublin, CA	MOC0151
1333 Broadway, Suite 800	Project Number:G07TM-0007	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	03/18/05 15:23

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*			

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URS Corporation [Arco]	Project:BP Heritage #11120, Dublin, CA	MOC0151
1333 Broadway, Suite 800	Project Number:G07TM-0007	**Reported:**
Oakland CA, 94612	Project Manager:Leonard Niles	03/18/05 15:23

Notes and Definitions

PV	Hydrocarbon result partly due to individ. peak(s) in quant. range
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: BP 11120 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: Alameda County Environmental Health Agency
Requested Due Date (mm/dd/yy): 10 DAY TAT

On-site Time: 1210	Temp: 70°F
Off-site Time: 1450	Temp: 70°F
Sky Conditions: cloudy/clear	
Meteorological Events: none	
Wind Speed:	Direction:

Lab Name: Sequoia	BP/AR Facility No.: 11120	Consultant/Contractor: URS
Address: 885 Jarvis Drive	BP/AR Facility Address: 6400 Dublin Blvd., Dublin, CA 94568	Address: 1333 Broadway, Suite 800
Morgan Hill, CA 95037	Site Lat/Long: 37.704742 / -121.909	Oakland, CA 94612
Lab PM: Lisa Race	California Global ID No.: T0600101432	Consultant/Contractor Project No.: 38486830
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G07TM-0007	Consultant/Contractor PM: Leonard Niles
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.874.1720 / 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:

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-8	1410	3/2/05		X		01	3				X		X	X	X	X	HDC 0151
2	MW-9	1335	↓		X		02	3				X		X	X	X	X	
3	MW-10	1306			X		03	3				X		X	X	X	X	
4	MW-11	1435			X		04	3				X		X	X	X	X	
5	TB-11120050302005				X		05	2				X						on hold
6																		
7																		
8																		
9																		
10																		

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: P. Tervino						
Sampler's Company: Blaine Tech		3/4/05	1000		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 X No Temp Blank Yes X No Cooler Temperature on Receipt ____ °F/C Trip Blank Yes X No

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP 11120
REC. BY (PRINT): JJ
WORKORDER: MBC 6151

DATE REC'D AT LAB: 3/4/05
TIME REC'D AT LAB: 1710
DATE LOGGED IN: 3-6-05

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	MW6B	VOA (3)	HCl	—	W	3/3/05	
2. Chain-of-Custody (Present / Absent*	02		-9						
3. Traffic Reports or Packing List: Present / (Absent)	03		-10						
4. Airbill: Airbill / Sticker (Present / Absent)	04		-11						
5. Airbill #:	05	A,B	TB 111203020305	(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: 3.8 Is temp 4 +/-2°C? (Yes / No**									

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

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

ATTACHMENT C

ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL CONFIRMATIONS

Electronic Submittal Information

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

SUCCESSFUL GEO_WELL CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	3/22/2005 10:15:10 AM

Processing is complete. No errors were found!
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UPLOADING A GEO_WELL FILE

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

Submittal Title:	**1Q 2005 QMR GEOWELL Site 11120**
Submittal Date/Time:	**3/22/2005 10:31:40 AM**
Confirmation Number:	**5651794254**

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CONTACT SITE ADMINISTRATOR.

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SUCCESSFUL EDF CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	
GLOBAL ID:	T0600101432
FILE UPLOADED:	BP#11120-EDF-MOC0151.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
6400 DUBLIN BLVD
DUBLIN, CA 94568

Regional Board - Case #: 01-1556
SAN FRANCISCO BAY RWQCB (REGION 2) - **(BG)**
Local Agency (lead agency) - Case #: 2095
ALAMEDA COUNTY LOP - **(RWS)**

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
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

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Electronic Submittal Information

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

Your EDF file has been succcessfully uploaded!

Confirmation Number: 5809761881
Date/Time of Submittal: 3/22/2005 10:30:23 AM
Facility Global ID: T0600101432
Facility Name: BP
Submittal Title: 1Q 2005 QMR EDF Site 11120
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) - **(BG)** **Local Agency (lead agency) - Case #: 2095** ALAMEDA COUNTY LOP - **(RWS)**

CONF #	TITLE	QUARTER
5809761881	1Q 2005 QMR EDF Site 11120	Q1 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	3/22/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
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

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ATTACHMENT D

HISTORICAL GROUNDWATER ANALYTICAL DATA FOR FORMER WELLS ABANDONDED 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

ALISTO PROJECT NO. 10-170

W	⊥		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
M	-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	—	—	PACE
M	-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
M	-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
M	-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
M	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
M	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
M	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
M	1		12/20/94	328.96	6.34	322.62	—	—	—	—	—	—	—	7.6	PACE
M	1		03/16/95	328.96	4.37	324.59	ND<50	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—
M	1		06/28/95	328.96	5.35	323.61	—	—	—	—	—	—	—	5.6	ATI
M	1		09/06/95	328.96	6.44	322.52	ND<50	340	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	7.4	ATI
M	1		12/22/95	328.96	6.04	322.92	—	—	—	—	—	—	—	—	—
M	1		06/20/96	328.96	5.65	323.31	—	—	—	—	—	—	—	—	—
M	1		08/21/96	328.96	—	—	ND<50	160	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.6	SPL
M	1		10/31/96	328.96	5.99	322.97	—	—	—	—	—	—	—	—	—
M	1	(d)	12/02/96	328.96	—	—	—	—	—	—	—	—	—	—	—
M	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	—	—	PACE
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	321.38	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	—	4.3	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	—	8.2	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	—	7.5	PACE
MW	2		12/20/94	328.50	5.86	322.64	—	—	—	—	—	—	—	—	—
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	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		09/06/95	328.50	4.33	324.17	—	—	—	—	—	—	—	—	—
MW	2		12/22/95	328.50	5.85	322.65	ND<50	210	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	7.0	ATI
MW	2		06/20/96	328.50	5.50	323.00	—	—	—	—	—	—	—	—	—
MW	2		08/21/96	328.50	5.07	323.43	ND<50	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	7.0	SPL
MW	2		10/31/96	328.50	—	—	—	—	—	—	—	—	—	—	—
MW	2		12/02/96	328.50	5.44	323.06	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.8	SPL
MW	2		03/27/97	328.50	5.50	323.00	—	—	—	—	—	—	—	—	—
MW	2		06/03/97	328.50	4.61	323.89	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	5.2	SPL
MW	2		09/16/97	328.50	7.14	321.36	—	—	—	—	—	—	—	—	—
MW	2		12/03/97	328.50	6.10	322.40	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	4.8	SPL
MW	2		06/26/98	328.50	6.22	322.28	—	—	—	—	—	—	—	—	—
				328.50	4.86	323.64	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	—

21-Aug-

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-1		10/27/92	329.36	6.43	320.93	210	ND<50		3		0.7	0.9	30	—		—	PACE
MW-1		04/09/93	329.36	4.90	324.46	400	260		6.1		ND<0.5	ND<0.5	ND<0.5	—		—	PACE
MW-1		08/25/93	329.36	7.13	322.23	2000	440		ND<0.5		ND<0.5	ND<0.5	ND<0.5	3300	(e)	—	PACE
MW-1		11/22/93	329.36	7.60	321.76	1600	360		ND<2.5		ND<2.5	ND<2.5	ND<2.5	910	(e)	—	PACE
MW-3		03/07/94	329.36	6.08	323.28	1300	5000		22		4.0	2.2	3.8	7200	(e)	3.7	PACE
MW-3		06/09/94	329.36	6.51	322.85	8500	2600		25		8.3	0.5	15	13000	(e)	7.2	PACE
OC-1	(f)	06/09/94	—	—	—	8900	—		29		6.3	0.5	16	13000	(e)	—	PACE
MW-3		09/12/94	329.36	7.63	321.73	2100	3200		ND<5.0		ND<5.0	6.8	20	3800	(e)	7.3	PACE
OC-1	(f)	09/12/94	—	—	—	1800	—		ND<5.0		ND<5.0	6.0	10	3900	(e)	—	PACE
MW-3		12/20/94	329.36	6.41	322.95	16000	9900		79		26	89	9.3	—		7.3	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	—		5.5	ATI
OC-1	(f)	03/16/95	—	—	—	6300	—		500		ND<5.0	230	13	—		—	ATI
MW-3		06/26/95	329.36	5.50	323.86	9000	3000	(g)	ND<10		ND<10	ND<10	ND<20	—		7.4	ATI
OC-1	(f)	06/26/95	—	—	—	6600	—	(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	97000		7.1	ATI
MW-3		12/22/95	329.36	6.31	323.05	9700	—		ND<50		ND<50	ND<50	ND<100	36000		—	ATI
MW-3		06/20/96	329.36	5.87	323.49	9200	2500		ND<50		ND<50	ND<50	ND<100	29000		6.7	ATI
OC-1	(f)	06/21/96	—	—	—	—	—		—		—	—	—	—		—	—
MW-3		10/31/96	329.36	6.20	323.16	3700	1900		ND<25		ND<50	ND<50	ND<50	4100		6.8	SPL
OC-1	(f)	10/31/96	—	—	—	3500	—		ND<25		ND<50	ND<50	ND<50	4000		—	SPL
MW-3		12/02/96	329.36	6.27	323.09	ND<250	ND<500		ND<2.5		ND<5.0	ND<5.0	ND<5.0	ND<50		6.8	SPL
OC-1	(f)	12/02/96	—	—	—	ND<250	—		ND<2.5		ND<5.0	ND<5.0	ND<5.0	ND<50		—	—
MW-3		03/27/97	329.36	5.39	323.97	ND<250	50		ND<2.5		ND<5.0	ND<5.0	ND<5.0	ND<50		6.4	SPL
MW-3		06/03/97	329.36	7.92	321.44	470	—		ND<2.5		ND<5.0	ND<5.0	ND<5.0	ND<50		—	—
OC-1	(f)	06/03/97	—	—	—	ND<250	ND<100		ND<0.5		ND<1.0	ND<1.0	ND<1.0	490		6.2	SPL
MW-3		09/16/97	329.36	6.67	322.69	ND<250	100		ND<2.5		ND<5.0	ND<5.0	ND<5.0	84		5.9	SPL
MW-3		12/03/97	329.36	6.81	322.55	ND<50	—		ND<2.5		ND<5.0	ND<5.0	ND<5.0	74.0		—	—
OC-1	(f)	12/03/97	—	—	—	ND<50	330		ND<0.5		ND<1.0	ND<1.0	ND<1.0	ND<50		5.5	SPL
MW-3		06/26/98	329.36	5.08	324.28	ND<50	ND<200		ND<0.5		ND<1.0	ND<1.0	ND<1.0	ND<10		5.0	SPL
						ND<250	—		ND<2.5		ND<5.0	ND<5.0	ND<5.0	ND<10		—	SPL
														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-		10/27/92	329.45	8.61	320.84	2300	190	23	54	50	320	—		—	PACE
MW-		04/09/93	329.45	5.25	324.20	1600	500	78	3.5	68	1.0	—		—	PACE
MW-		06/25/93	329.45	7.32	322.13	1800	380	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2100	(e)	—	PACE
QC-	(f)	08/25/93	—	—	—	1600	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2100	(e)	—	PACE
MW-		11/22/93	329.45	7.83	321.62	610	250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—		—	PACE
QC-	(f)	11/22/93	—	—	—	1700	—	ND<2.5	ND<2.5	ND<2.5	ND<2.5	3500	(e)	—	PACE
MW-		03/07/94	329.45	6.29	323.16	710	1400	0.5	0.8	ND<0.5	ND<0.5	5900	(e)	3.8	PACE
QC-	(f)	03/07/94	—	—	—	1600	—	ND<0.5	ND<0.5	1.4	0.8	4200	(e)	—	PACE
MW-		06/09/94	329.45	6.76	322.69	8400	1800	ND<10	ND<10	ND<10	ND<10	10000	(e)	7.5	PACE
MW-		09/12/94	329.45	7.83	321.62	2000	2700	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4200	(e)	7.2	PACE
MW-		12/20/94	329.45	6.68	322.77	9200	2400	ND<5.0	ND<5.0	ND<5.0	ND<5.0	—		6.1	PACE
MW-		03/16/95	329.45	4.66	324.79	1400	990	140	ND<2.5	58	14	—		5.5	ATI
MW-		06/26/95	329.45	5.93	323.52	5000	5400	(g) 240	ND<5.0	220	ND<10	—		7.4	ATI
MW-		09/06/95	329.45	6.83	322.62	4400	4500	ND<13	ND<13	ND<13	ND<25	12000		7.8	ATI
MW-		12/22/95	329.45	6.42	323.03	3800	4700	15	ND<13	ND<13	ND<25	9200		7.1	ATI
QC-1	(f)	12/22/95	—	—	—	3900	—	16	ND<13	ND<13	ND<25	8600		—	ATI
MW-		06/20/96	329.45	6.01	323.44	—	—	—	—	—	—	—		—	—
MW-		06/21/96	329.45	—	—	ND<250	470	ND<12	ND<25	ND<25	ND<25	ND<250		7.7	SPL
MW-		10/31/96	329.45	6.37	323.08	ND<250	1600	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50		7.1	SPL
MW-		12/02/96	329.45	6.71	322.74	ND<50	13000	ND<5	ND<10	ND<10	ND<10	2200		7.3	SPL
MW-		03/27/97	329.45	5.70	323.75	8300	1500	44	ND<25	ND<25	ND<25	6000		6.2	SPL
QC-1	(f)	03/27/97	—	—	—	6900	—	51	ND<25	ND<25	ND<25	8500		—	SPL
MW-4		06/03/97	329.45	6.37	321.08	2800	270	62	ND<1.0	ND<1.0	ND<1.0	7000		7.1	SPL
MW-4		09/16/97	329.45	6.91	322.54	110	1800	0.80	ND<1.0	ND<1.0	ND<1.0	7700		6.2	SPL
QC-1	(f)	09/16/97	—	—	—	130	—	1.2	ND<1.0	ND<1.0	1.1	7100		—	SPL
MW-4		12/03/97	329.45	7.16	322.29	ND<50	ND<200	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		8.0	SPL
MW-4		06/26/98	329.45	5.15	324.30	520	—	0.52	ND<1.0	ND<1.0	ND<1.0	1100		5.3	SPL
MW-5		04/09/93	329.60	5.18	324.42	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—		—	PACE
MW-5		06/25/93	329.60	7.28	322.32	ND<50	70	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	ND<50	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	120	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—		5.7	PACE
MW-5		06/09/94	329.60	6.73	322.87	ND<50	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—		7.7	PACE
MW-5		09/12/94	329.60	7.78	321.82	ND<50	120	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—		7.2	PACE
MW-5		12/20/94	329.60	6.63	322.97	—	—	—	—	—	—	—		—	—
MW-5		03/16/95	329.60	4.65	324.95	ND<50	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—		4.9	ATI
MW-5		06/26/95	329.60	5.69	323.91	—	—	—	—	—	—	—		—	—
MW-5		09/06/95	329.60	6.82	322.78	ND<50	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0		7.3	ATI
MW-5		12/22/95	329.60	6.40	323.20	—	—	—	—	—	—	—		—	—
MW-5		06/20/96	329.60	5.98	323.62	—	—	—	—	—	—	—		—	—
MW-5		06/21/96	329.60	—	—	ND<50	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10		6.9	SPL
MW-5		10/31/96	329.60	6.29	323.31	—	—	—	—	—	—	—		—	—
MW-5		12/02/96	329.60	6.37	323.23	—	—	—	—	—	—	—		—	—
MW-5		03/27/97	329.60	5.33	324.27	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10		5.8	SPL
MW-5		06/03/97	329.60	8.00	321.60	—	—	—	—	—	—	—		—	—
MW-5		09/15/97	329.60	6.89	322.71	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	27		5.4	SPL
MW-5		12/03/97	329.60	6.99	322.61	—	—	—	—	—	—	—		—	—
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 #	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-	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	—	—	PACE
MW-	06/25/93	329.55	7.42	322.13	ND<50	170	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
MW-	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-	03/07/94	329.55	6.25	323.30	ND<50	90	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	4.2	PACE
MW-	06/09/94	329.55	6.85	322.70	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	7.0	PACE
MW-	09/12/94	329.55	7.91	321.64	ND<50	240	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	6.7	PACE
MW-	12/20/94	329.55	6.82	322.73	—	—	—	—	—	—	—	—	—
MW-	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	—	6.1	ATI
MW-	06/28/95	329.55	5.97	323.58	—	—	—	—	—	—	—	—	—
MW-	09/06/95	329.55	6.94	322.61	ND<50	340	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	7.2	ATI
MW-	12/22/95	329.55	6.53	323.02	—	—	—	—	—	—	—	—	—
MW-	03/20/96	329.55	6.18	323.37	—	—	—	—	—	—	—	—	—
MW-	08/21/96	329.55	—	—	ND<50	120	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	SPL
MW-	10/31/96	329.55	6.52	323.03	—	—	—	—	—	—	—	—	—
MW-	12/02/96	329.55	6.55	323.00	—	—	—	—	—	—	—	6.3	SPL
MW-	03/27/97	329.55	5.50	324.05	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	—
MW-	06/03/97	329.55	8.19	321.36	—	—	—	—	—	—	—	5.5	SPL
MW-	09/16/97	329.55	6.95	322.60	ND<250	690	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<50	—	—
MW-	12/03/97	329.55	7.22	322.33	—	—	—	—	—	—	—	4.8	SPL
MW-	06/26/98	329.55	5.20	324.35	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	—
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	—	—	PACE
MW-7	06/25/93	329.49	7.44	322.05	ND<50	150	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
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	—	3.7	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	—	6.8	PACE
MW-7	09/12/94	329.49	7.87	321.62	ND<50	50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	6.8	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	—	6.5	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	—	5.9	ATI
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	—	7.8	ATI
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	6.5	7.5	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	7.2	6.9	ATI
MW-7	03/20/96	329.49	6.22	323.27	—	—	—	—	—	—	—	—	—
MW-7	08/21/96	329.49	—	—	ND<50	ND<50	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	SPL
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	86	6.8	SPL
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	59	7.3	SPL
MW-7	03/27/97	329.49	6.08	324.41	ND<50	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	6.6	SPL
MW-7	06/03/97	329.49	7.80	321.69	650	ND<100	ND<0.5	ND<1.0	ND<1.0	ND<1.0	630	6.8	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	2200	6.0	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	ND<10	5.0	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	ND<10	5.1	SPL

24-Aug-98

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

AUSTO 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
QC	(i)	08/25/93	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
QC	(i)	11/22/93	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
QC	(i)	03/07/94	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
QC	(i)	06/09/94	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
QC	(i)	09/12/94	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
QC	(i)	12/20/94	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
QC	(i)	03/16/95	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	PACE
QC	(i)	06/28/95	—	—	—	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	ATI
QC	(i)	09/06/95	—	—	—	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	ATI
QC	(i)	12/22/95	—	—	—	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	—	ATI
						ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	—	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.

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)	LAB
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

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02-Sep-98