

Ro-190



Atlantic Richfield Company
(a BP affiliated company)

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

Alameda County
MAY 02 2003
Environmental Health

April 22, 2003

Re: First Quarter 2003 Groundwater Monitoring Report
ARCO Station 2162
15135 Hesperian Blvd.
San Leandro, CA.

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



April 22, 2003

Mr. Scott Seery
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Alameda County
MAY 02 2003
Environmental Health

**Re: First Quarter 2003 Groundwater Monitoring Report
ARCO Service Station # 2162
15135 Hesperian Boulevard
San Leandro, California
URS Project #38486120**

Dear Mr. Seery:

On behalf of Atlantic Richfield Company (ARCO – an affiliated company of the Group Environmental Management Company), URS Corporation (URS) is submitting the *First Quarter 2003 Groundwater Monitoring Report* for the ARCO Service Station #2162, located at 15135 Hesperian Boulevard, San Leandro, California.

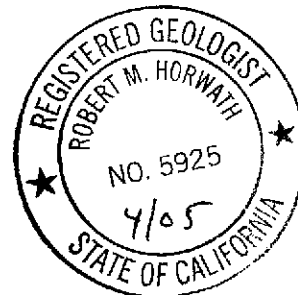
If you have any questions regarding this submission, please call (510) 874-3280.

Sincerely,

URS CORPORATION

Scott Robinson
Project Manager

Robert M. Horwath, R.G. #5925
Portfolio Manager



Enclosure: First Quarter 2003 Groundwater Monitoring Report

cc: Mr. Paul Supple, ARCO. PO Box 6549 Moraga, CA 94570
Mr. Mike Bakaldin, City of San Leandro Environmental Services Division, 835 East 14th St., San Leandro, CA 94577
Mr. John Jang, RWQCB, S.F. Bay Region, 1515 Clay St., Ste. 1400, Oakland, CA 94612

Date: April 22, 2003
Quarter: 1Q 03

ATLANTIC RICHFIELD COMPANY QUARTERLY GROUNDWATER MONITORING REPORT

Former Facility No.: 2162 Address: 15135 Hesperian Boulevard, San Leandro, CA
Atlantic Richfield Co. Environmental Engineer: Paul Supple
Consulting Co./Contact Person: URS Corporation/ Scott Robinson
Consultant Project No.: 38486120
Primary Agency: Alameda County Health Care Services Agency (ACHCSA)

WORK PERFORMED THIS QUARTER (First – 2003):

1. Prepared and submitted fourth quarter 2002 groundwater monitoring report.
2. Performed first quarter groundwater monitoring and sampling event on March 28, 2003.
3. Finished product line replacement and upgrade activities.

WORK PROPOSED FOR NEXT QUARTER (Second – 2003):

1. Prepare and submit first quarter 2003 groundwater monitoring report.
2. Perform second quarter 2003 groundwater monitoring event.
3. Prepare report on product line replacement work.

Current Phase of Project: GW monitoring/sampling
Frequency of Groundwater Sampling: Quarterly: MW-1, MW-2, MW-3, MW-4
Frequency of Groundwater Monitoring: Quarterly
Is Free Product (FP) Present On-Site: No
Current Remediation Techniques: Natural Attenuation
Approximate Depth to Groundwater: 7.30 ft (MW-2) to 8.88 ft (MW-4) feet
Groundwater Gradient (direction): Southwest
Groundwater Gradient (magnitude): 0.013 feet per foot

DISCUSSION:

Beginning this quarter, all groundwater samples were analyzed for TPH-g, BTEX and fuel oxygenates by EPA method 8260B. TPH-g was detected in one of the three wells sampled this quarter (MW-3) at a concentration of 52 micrograms ($\mu\text{g/L}$). Benzene was not detected in any of the wells sampled. MTBE was detected in two wells at concentrations of 4.4 $\mu\text{g/L}$ (MW-4) and 45 $\mu\text{g/L}$ (MW-3). Well MW-1 was not sampled this quarter because a car was parked over it.

R E P O R T

**FIRST QUARTER 2003
GROUNDWATER MONITORING**

**ARCO SERVICE STATION #2162
15135 HESPERIAN BOULEVARD
SAN LEANDRO, CALIFORNIA**

Prepared for
Atlantic Richfield Company

April 22, 2003

URS

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

38486120

RECOMMENDATIONS:

We recommend reducing the sampling frequency of all four monitoring wells from quarterly to semi-annually. The constituents of concern have consistently had low to non- detect values at all four wells for the past 2 years.

ATTACHMENTS:

- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Groundwater Flow Direction and Gradient
- Table 3 – Fuel Oxygenate Analytical Data
- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – March 28, 2003
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports and Chain-of-Custody Records
- Attachment C – Historic Groundwater Data
- Attachment D - EDCC and EDF/Geowell Submittal Confirmation

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 2162
15135 Hesperian Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet, MSL)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	TPH						Dissolved Oxygen (mg/L)	
					Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)		
MW-1	06/20/00	31.19	8.33	22.86	ND<50	ND<0.5	0.8	ND<0.5	ND<1.0	ND<10	NA	
	09/29/00		9.07	22.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	
	12/17/00		8.69	22.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	
	03/23/01		8.19	23.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	
	06/20/01		8.97	22.22	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	
	09/22/01		9.56	21.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	
	12/28/01		8.40	22.79	ND<50	ND<0.5	ND<0.5	ND<0.5	0.63	ND<2.5	NA	
	03/14/02		8.05	23.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	170	NA	
	04/18/02		8.27	22.92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NA	
	07/19/02		NP	8.88	22.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	11	1.0
	10/09/02 ^b		NP	NM	NM	NS	NS	NS	NS	NS	NS	NS
	03/28/03 ^{a,c}		NP	NM	NM	NS	NS	NS	NS	NS	NS	NS
	MW-2		06/20/00	30.38	7.38	23.00	NS	NS	NS	NS	NS	NS
09/29/00		8.08	22.30		266	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	
12/17/00		7.80	22.58		175	ND<0.5	ND<0.5	0.659	ND<0.5	ND<2.5	NA	
03/23/01		7.23	23.15		351	ND<0.5	ND<0.5	0.912	ND<0.5	ND<2.5	NA	
06/20/01		7.98	22.40		360	ND<0.5	ND<0.5	0.74	ND<0.5	ND<2.5	NA	
09/22/01		8.55	21.83		190	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	
12/28/01		7.53	22.85		130	ND<0.5	0.93	ND<0.5	0.51	ND<2.5	NA	
03/14/02		7.17	23.21		ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	
04/18/02		7.31	23.07		74	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NA	
07/19/02		P	7.93		22.45	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	1.1
10/09/02		P	8.55		21.83	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	0.7
03/28/03 ^c		P	7.30		23.08	ND<50	ND<0.50	0.83	ND<0.50	ND<0.50	ND<0.50	1.48

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 2162
15135 Hesperian Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (feet, MSL)	Depth to Groundwater (feet, TOC)	Groundwater Elevation (feet, MSL)	TPH						Dissolved Oxygen (mg/L)	
					as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)		
MW-3	06/20/00	30.30	7.75	22.55	NS	NS	NS	NS	NS	NS	NA	
	09/29/00		8.46	21.84	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	128	NA	
	12/17/00		8.01	22.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	46.7	NA	
	03/23/01		7.70	22.60	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	26.8	NA	
	06/20/01		8.23	22.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	30	NA	
	09/22/01		8.89	21.41	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	12	NA	
	12/28/01		7.83	22.47	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	6.2	NA	
	03/14/02		7.48	22.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	47	NA	
	04/18/02		7.62	22.68	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NA	
	07/19/02	P	8.23	22.07	22.07	100 ^b	ND<1.0	ND<1.0	ND<1.0	ND<1.0	330	0.9
	10/09/02	P	8.83	21.47	21.47	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	61	0.5
	03/28/03 ^c	P	7.85	22.45	22.45	52	ND<0.50	1.2	ND<0.50	ND<0.50	45	1.42
MW-4	06/20/00	30.39	8.87	21.52	NS	NS	NS	NS	NS	NS	NA	
	09/29/00		9.61	20.78	ND<50	1.02	ND<0.5	ND<0.5	ND<0.5	12.2	NA	
	12/17/00		9.17	21.22	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5.81	NA	
	03/23/01		8.70	21.69	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.04	NA	
	06/20/01		9.51	20.88	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	
	09/22/01		10.06	20.33	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5.2	NA	
	12/28/01		8.86	21.53	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.3	NA	
	03/14/02		8.52	21.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5.1	NA	
	04/18/02		8.76	21.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NA	
	07/19/02	NP	9.39	21.00	21.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	30	1.8
	10/09/02	NP	10.08	20.31	20.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	28	1.0
	03/28/03 ^c	NP	8.88	21.51	21.51	ND<50	ND<0.50	1.3	ND<0.50	ND<0.50	4.4	0.98

Table 1
Groundwater Elevation and Analytical Data

ARCO Service Station # 2162
15135 Hesperian Boulevard
San Leandro, California

TPH	= Total petroleum hydrocarbons
MTBE	= Methyl tertiary butyl ether
µg/L	= Micrograms per liter equivalent to parts per billion (ppb)
mg/L	= Milligrams per liter equivalent to parts per million (ppm)
ND<	= Not detected at or above specified laboratory method detection limit
MSL	= Mean sea level
TOC	= Top of casing
P	= Purge
NP	= No Purge
NS	= Not sampled
a	= Well not accessible - car parked over.
b	= Hydrocarbon pattern is present in the requested fuel quantitation range but does not represent the pattern of the requested fuel
c	=TPH-g, BTEX and MTBE analyzed by EPA method 8260 beginning on 1st Quarter 2003 sampling event (3/28/03)
Source:	The data within this table collected prior to July 2002 was provided to URS by Group Environmental Management Company and their previous consultants. URS has not verified the accuracy of this information.

Table 2
Groundwater Flow Direction and Gradient

ARCO Service Station # 2162
15135 Hesperian Boulevard
San Leandro, California

Date Measured	Average Flow Direction	Average Hydraulic Gradient
06/20/00	Southwest	0.010
09/29/00	Southwest	0.010
12/17/00	Southwest	0.010
03/23/01	Southwest	0.011
06/20/01	Southwest	0.013
09/22/01	Southwest	0.012
12/28/01	Southwest	0.010
03/14/02	Southwest	0.011
04/18/02	Southwest	0.012
07/19/02	Southwest	0.012
10/09/02	Southwest	0.013
03/28/03	Southwest	0.013

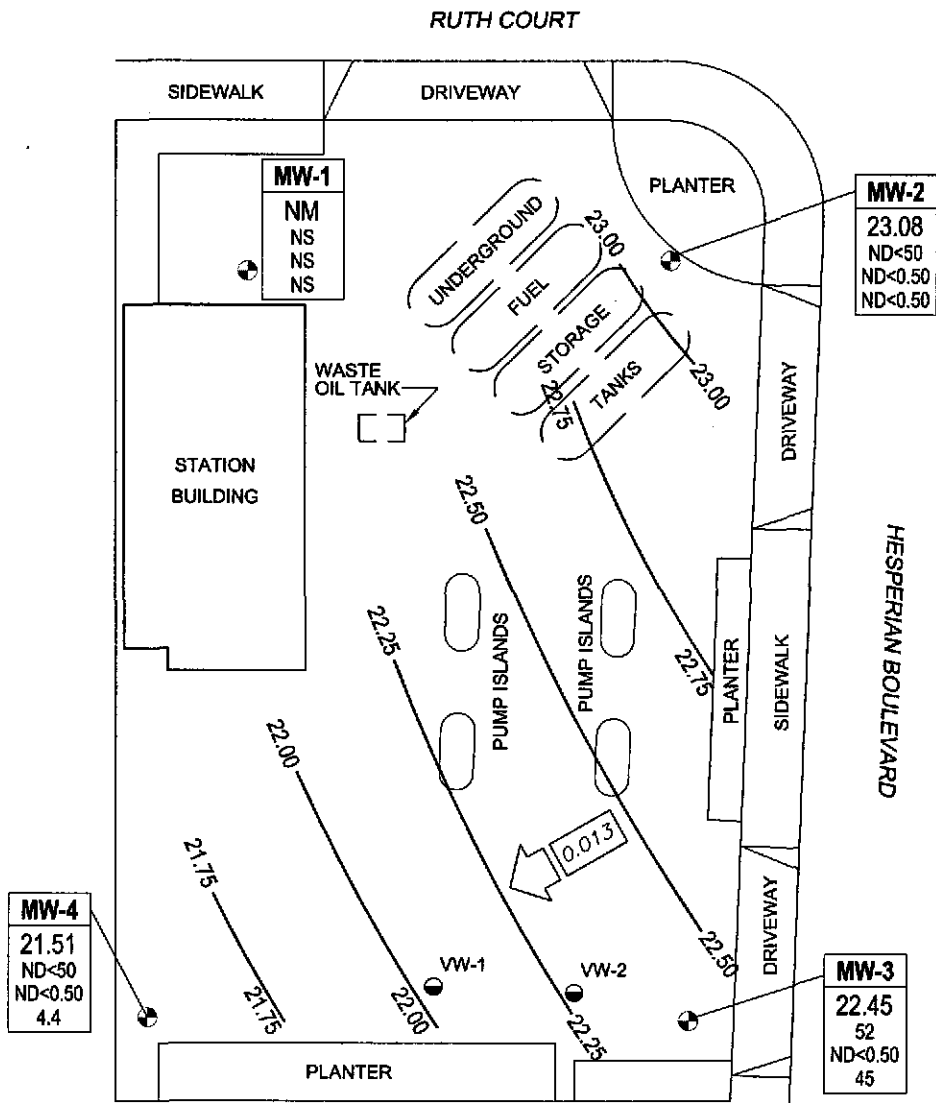
Source: The data within this table collected prior to July 2002 was provided to URS by Group Environmental Management Company and their previous consultants. URS has not verified the accuracy of this information.

Table 3
Fuel Oxygenate Analytical Data

ARCO Service Station # 2162
15135 Hesperian Boulevard
San Leandro, California

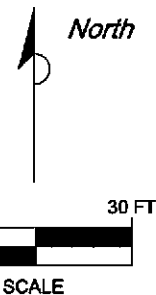
Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-Dichloroethane (µg/L)	Ethylene Dibromide (µg/L)
MW-1	03/28/03 ^a	NS	NS	NS	NS	NS	NS	NS	NS
MW-2	03/28/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-3	03/28/03	ND<100	ND<20	45	ND<0.50	ND<0.50	0.73	ND<0.50	ND<0.50
MW-4	03/28/03	ND<100	ND<20	4.4	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

- Note = All fuel oxygenate compounds analyzed using EPA Method 8260B
TBA = tert-Butyl alcohol
MTBE = Methyl tert-butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tert butyl ether
TAME = tert-Amyl methyl ether
µg/L = micrograms per liter
ND< = Less than laboratory reporting limit
NS = Not Sampled
a = Well was inaccessible



LEGEND

- MW-1 MONITORING WELL LOCATION
- VW-1 SOIL VAPOR EXTRACTION WELL LOCATION
- 21.75 — WATER TABLE CONTOUR IN FEET ABOVE MSL
- ← 0.013 APPROXIMATE GROUNDWATER FLOW GRADIENT
- Well
ELEV
TPH-g
Benzene
MTBE
- WELL DESIGNATION
- GROUNDWATER ELEVATION IN FEET ABOVE MSL
- CONCENTRATION OF TPH-g, BENZENE AND MTBE IN MICROGRAMS PER LITER (µg/L)
- ND< NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
- NM NOT MEASURED
- NS NOT SAMPLED



NOTE: SITE MAP ADAPTED FROM IT CORPORATION FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

URS	Project No. 38486120	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP	FIGURE 1
	Arco Service Station 2162 15135 Hesperian Boulevard San Leandro, California		

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 # 030328-MT3

Date 03-28-03

Client 2162

Site 15135 Hesperian Blvd., San Leandro

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	—					—	—		INACC
MW-2	4					7.30	15.96		
MW-3	4					7.85	14.96		
MW-4	4					8.38	17.70		✖

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>030320-MT3</u>	Station # <u>2162</u>
Sampler: <u>M.T.</u>	Date: <u>03-28-03</u>
Well I.D.: <u>MW-1</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth: <u> </u>	Depth to Water: <u> </u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

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

Sampling Method: Bailer
Disposable Bailer
 Extraction Port
 Other:

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
					<u>Vehicle PARKED OVER WELL. INACCESSIBLE.</u>

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date: 03-28-03

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Dry & Ethanol by 8260

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>030320-MT3</u>	Station # <u>2162</u>
Sampler: <u>M.T.</u>	Date: <u>03-28-03</u>
Well I.D.: <u>MW-2</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>15.916</u>	Depth to Water: <u>7.30</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YST</u> HACH

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

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

Top of Screen: 0' 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>5.6</u>	x	<u>3</u>	=	<u>16.8</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1250	65.6	7.7	793	5.6	
1258	64.9	7.7	785	11.2	
1259	64.6	7.7	773	16.8	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>16.8</u>
Sampling Time: <u>1305</u>	Sampling Date: <u>03-28-03</u>
Sample I.D.: <u>MW-2</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: <u>TPH-G</u> <u>BTEX</u> MTBE TPH-D Other: <u>Dry & Ethanol by 8260</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L
	Post-purge: <u>1.48</u> mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV
	Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>030320-MT3</u>	Station # <u>2162</u>
Sampler: <u>M.T.</u>	Date: <u>03-28-03</u>
Well I.D.: <u>MW-3</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: <u>14.96</u>	Depth to Water: 7.05 <u>7.85</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

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

Sampling Method: Bailer
Disposable Bailer
 Extraction Port
 Other: _____

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

<u>4.6</u>	x	<u>3</u>	=	<u>13.8</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1240	71.8	7.8	504	<u>4.6</u>	<u>Slight odor</u>
1242	68.6	7.6	504	9.2	" "
1244	68.7	7.6	505	13.8	" "

Did well dewater? Yes No Gallons actually evacuated: 13.8

Sampling Time: 1250 Sampling Date: 03-28-03

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

Analyzed for: TPH-C BTEX MTBE TPH-D Other: Dry & Ethanol by 8260

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	<u>1.42</u>	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>030320-MT3</u>	Station # <u>2162</u>
Sampler: <u>M.T.</u>	Date: <u>03-28-03</u>
Well I.D.: <u>MW-4</u>	Well Diameter: 2 3 <u>4</u> 6 8 <u> </u>
Total Well Depth: <u>17.70</u>	Depth to Water: <u>9.80</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

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

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

_____	X	<u>3</u>	=	_____ Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
<u>1220</u>	<u>69.6</u>	<u>7.2</u>	<u>1270</u>	—	

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: 1220 Sampling Date: 03-28-03

Sample I.D.: MW-A Laboratory: Pace Requoin Other _____

Analyzed for: TPH-C BTEX MTBE TPH-D Other: Dry & Ethanol by 8260

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

WELLHEAD INSPECTION CHECKLIST

Client 2162 Date 03-28-03

Site Address 1535 Hesperian Blvd, San Leandro

Job Number 030328-MT3 Technician M. T. D. I.

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1							✓	
MW-2						B		
MW-3		/				A		B
MW-4		/						

NOTES: (A) Missing Tab & striped (B) Tab Missing

BP GEM OIL COMPANY TYPE A BILL OF LADING

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

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

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

2162	
Station #	
15135 Hesperian Blvd., San Leandro	
Station Address	
Total Gallons Collected From Groundwater Monitoring Wells:	
30.6	
added equip. <u>1</u>	any other adjustments _____
rinse water <u>30.6</u>	
TOTAL GALS. RECOVERED <u>31.6</u>	loaded onto BTS vehicle # <u>52</u>
BTS event # <u>030328 - MT3</u>	time <u>1345</u> date <u>03/28/03</u>
signature <u>[Signature]</u>	

REC'D AT <u>BTS</u>	time <u>1430</u> date <u>03/28/03</u>
unloaded by signature <u>[Signature]</u>	

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

LABORATORY PROCEDURES

Laboratory Procedures

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



15 April, 2003

Scott Robinson
URS Corporation
500 12th Street, Suite 100
Oakland, CA 94607

RE: ARCO #2162, San Leandro, Ca
Sequoia Work Order: MMC0922

Enclosed are the results of analyses for samples received by the laboratory on 03/28/03 15:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Latonya Pelt
Project Manager

CA ELAP Certificate #1210



URS Corporation
500 12th Street, Suite 100
Oakland CA, 94607

Project: ARCO #2162, San Leandro, Ca
Project Number: ARCO #2162, San Leandro, CA
Project Manager: Scott Robinson

MMC0922
Reported:
04/15/03 14:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	MMC0922-01	Water	03/28/03 13:05	03/28/03 15:35
MW-3	MMC0922-02	Water	03/28/03 12:50	03/28/03 15:35
MW-4	MMC0922-03	Water	03/28/03 12:20	03/28/03 15:35

There were no custody seals that were received with this project.

URS Corporation
 500 12th Street, Suite 100
 Oakland CA, 94607

 Project: ARCO #2162, San Leandro, Ca
 Project Number: ARCO #2162, San Leandro, CA
 Project Manager: Scott Robinson

 MMC0922
 Reported:
 04/15/03 14:02

Total Purgeable Hydrocarbons (C6-C10) and Volatile Organic Compounds by EPA method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MMC0922-01) Water Sampled: 03/28/03 13:05 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D07028	04/07/03	04/08/03	EPA 8260B	
Toluene	0.83	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %		78-129	"	"	"	"	
MW-3 (MMC0922-02) Water Sampled: 03/28/03 12:50 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D09029	04/09/03	04/10/03	EPA 8260B	
Toluene	1.2	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	52	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %		78-129	"	"	"	"	
MW-4 (MMC0922-03) Water Sampled: 03/28/03 12:20 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D07028	04/07/03	04/08/03	EPA 8260B	
Toluene	1.3	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %		78-129	"	"	"	"	

URS Corporation
 500 12th Street, Suite 100
 Oakland CA, 94607

 Project: ARCO #2162, San Leandro, Ca
 Project Number: ARCO #2162, San Leandro, CA
 Project Manager: Scott Robinson

 MMC0922
 Reported:
 04/15/03 14:02

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MMC0922-01) Water Sampled: 03/28/03 13:05 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D07028	04/07/03	04/08/03	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	78-129		"	"	"	"	
MW-3 (MMC0922-02) Water Sampled: 03/28/03 12:50 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D09029	04/09/03	04/10/03	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	45	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	0.73	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	78-129		"	"	"	"	
MW-4 (MMC0922-03) Water Sampled: 03/28/03 12:20 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D07028	04/07/03	04/08/03	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	4.4	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	78-129		"	"	"	"	

URS Corporation
 500 12th Street, Suite 100
 Oakland CA, 94607

 Project: ARCO #2162, San Leandro, Ca
 Project Number: ARCO #2162, San Leandro, CA
 Project Manager: Scott Robinson

 MMC0922
 Reported:
 04/15/03 14:02

**al Purgeable Hydrocarbons (C6-C10) and Volatile Organic Compounds by EPA method 8260B - Quality Con
 Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 3D07028 - EPA 5035									
Blank (3D07028-BLK1) Prepared & Analyzed: 04/07/03									
Benzene	ND	0.50	ug/l						
Toluene	ND	0.50	"						
Ethylbenzene	ND	0.50	"						
Xylenes (total)	ND	0.50	"						
Gasoline Range Organics (C6-C10)	ND	50	"						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.97		"	5.00		99.4		78-129	
Laboratory Control Sample (3D07028-BS1) Prepared & Analyzed: 04/07/03									
Benzene	9.55	0.50	ug/l	10.0		95.5		78-124	
Toluene	8.62	0.50	"	10.0		86.2		78-129	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.69		"	5.00		93.8		78-129	
Laboratory Control Sample (3D07028-BS2) Prepared & Analyzed: 04/07/03									
Gasoline Range Organics (C6-C10)	333	50	ug/l	440		75.7		70-113	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.57		"	5.00		111		78-129	
Laboratory Control Sample Dup (3D07028-BSD1) Prepared & Analyzed: 04/07/03									
Benzene	9.42	0.50	ug/l	10.0		94.2	1.37	78-124	12
Toluene	8.64	0.50	"	10.0		86.4	0.232	78-129	10
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.62		"	5.00		92.4		78-129	
Matrix Spike (3D07028-MS1) Source: MMD0218-01 Prepared: 04/07/03 Analyzed: 04/08/03									
Benzene	9.46	0.50	ug/l	10.0	ND	94.6		78-124	
Toluene	8.01	0.50	"	10.0	ND	80.1		78-129	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.12		"	5.00		102		78-129	
Matrix Spike (3D07028-MS2) Source: MMC0922-01 Prepared: 04/07/03 Analyzed: 04/08/03									
Benzene	4.77	0.50	ug/l	5.44	ND	87.7		78-124	
Gasoline Range Organics (C6-C10)	445	50	"	440	46	90.7		70-113	

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
 500 12th Street, Suite 100
 Oakland CA, 94607

 Project: ARCO #2162, San Leandro, Ca
 Project Number: ARCO #2162, San Leandro, CA
 Project Manager: Scott Robinson

 MMC0922
 Reported:
 04/15/03 14:02

**al Purgeable Hydrocarbons (C6-C10) and Volatile Organic Compounds by EPA method 8260B - Quality Con
 Sequoia Analytical - Morgan Hill**

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

Batch 3D07028 - EPA 5035
Matrix Spike (3D07028-MS2)

Source: MMC0922-01 Prepared: 04/07/03 Analyzed: 04/08/03

<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.53		ug/l	5.00		90.6	78-129			
---	------	--	------	------	--	------	--------	--	--	--

Matrix Spike Dup (3D07028-MSD1)

Source: MMD0218-01 Prepared: 04/07/03 Analyzed: 04/08/03

Benzene	9.30	0.50	ug/l	10.0	ND	93.0	78-124	1.71	12	
Toluene	8.67	0.50	"	10.0	ND	86.7	78-129	7.91	10	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.45		"	5.00		89.0	78-129			
---	------	--	---	------	--	------	--------	--	--	--

Matrix Spike Dup (3D07028-MSD2)

Source: MMC0922-01 Prepared: 04/07/03 Analyzed: 04/08/03

Benzene	4.86	0.50	ug/l	5.44	ND	89.3	78-124	1.87	12	
Toluene	27.2	0.50	"	32.8	0.83	80.4	78-129		10	
Gasoline Range Organics (C6-C10)	420	50	"	440	46	85.0	70-113	5.78	9	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.73		"	5.00		94.6	78-129			
---	------	--	---	------	--	------	--------	--	--	--

Batch 3D09029 - EPA 5030B P/T
Blank (3D09029-BLK1)

Prepared: 04/09/03 Analyzed: 04/10/03

Benzene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C6-C10)	ND	50	"							

<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.09		"	5.00		102	78-129			
---	------	--	---	------	--	-----	--------	--	--	--

Laboratory Control Sample (3D09029-BS1)

Prepared & Analyzed: 04/09/03

Benzene	9.63	0.50	ug/l	10.0		96.3	78-124			
Toluene	11.0	0.50	"	10.0		110	78-129			

<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.25		"	5.00		105	78-129			
---	------	--	---	------	--	-----	--------	--	--	--

Sequoia Analytical - Morgan Hill

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

URS Corporation
 500 12th Street, Suite 100
 Oakland CA, 94607

 Project: ARCO #2162, San Leandro, Ca
 Project Number: ARCO #2162, San Leandro, CA
 Project Manager: Scott Robinson

 MMC0922
 Reported:
 04/15/03 14:02

**al Purgeable Hydrocarbons (C6-C10) and 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 3D09029 - EPA 5030B P/T
Laboratory Control Sample (3D09029-BS2)

Prepared & Analyzed: 04/09/03

Benzene	4.75	0.50	ug/l	5.44		87.3	78-124			
Toluene	31.5	0.50	"	32.8		96.0	78-129			
Gasoline Range Organics (C6-C10)	418	50	"	440		95.0	70-113			

<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.21		"	5.00		104	78-129			
---	------	--	---	------	--	-----	--------	--	--	--

Matrix Spike (3D09029-MS1)

Source: MMD0114-04

Prepared: 04/09/03

Analyzed: 04/10/03

Benzene	16.7	2.5	ug/l	27.2	3.6	48.2	78-124	6.17	12	QM-07
Toluene	87.0	2.5	"	164	0.70	52.6	78-129	4.95	10	QM-07
Gasoline Range Organics (C6-C10)	1710	250	"	2200	460	56.8	70-113	5.41	9	QM-07

<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.27		"	5.00		105	78-129			
---	------	--	---	------	--	-----	--------	--	--	--

Matrix Spike Dup (3D09029-MSD1)

Source: MMD0114-04

Prepared: 04/09/03

Analyzed: 04/10/03

Benzene	15.7	2.5	ug/l	27.2	3.6	44.5	78-124	6.17	12	QM-07
Toluene	82.8	2.5	"	164	0.70	50.1	78-129	4.95	10	QM-07
Gasoline Range Organics (C6-C10)	1620	250	"	2200	460	52.7	70-113	5.41	9	QM-07

<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.17		"	5.00		103	78-129			
---	------	--	---	------	--	-----	--------	--	--	--

Sequoia Analytical - Morgan Hill

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



URS Corporation
500 12th Street, Suite 100
Oakland CA, 94607

Project: ARCO #2162, San Leandro, Ca
Project Number: ARCO #2162, San Leandro, CA
Project Manager: Scott Robinson

MMC0922
Reported:
04/15/03 14:02

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

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

Batch 3D07028 - EPA 5035

Blank (3D07028-BLK1)

Prepared & Analyzed: 04/07/03

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

Surrogate: 1,2-Dichloroethane-d4 4.97 " 5.00 99.4 78-129

Laboratory Control Sample (3D07028-BS1)

Prepared & Analyzed: 04/07/03

Methyl tert-butyl ether	9.66	0.50	ug/l	10.0		96.6	63-137		
-------------------------	------	------	------	------	--	------	--------	--	--

Surrogate: 1,2-Dichloroethane-d4 4.69 " 5.00 93.8 78-129

Laboratory Control Sample Dup (3D07028-BSD1)

Prepared & Analyzed: 04/07/03

Methyl tert-butyl ether	9.71	0.50	ug/l	10.0		97.1	63-137	0.516	13
-------------------------	------	------	------	------	--	------	--------	-------	----

Surrogate: 1,2-Dichloroethane-d4 4.62 " 5.00 92.4 78-129

Matrix Spike (3D07028-MS1)

Source: MMD0218-01 Prepared: 04/07/03 Analyzed: 04/08/03

Methyl tert-butyl ether	9.65	0.50	ug/l	10.0	ND	96.5	63-137		
-------------------------	------	------	------	------	----	------	--------	--	--

Surrogate: 1,2-Dichloroethane-d4 5.12 " 5.00 102 78-129

Matrix Spike Dup (3D07028-MSD1)

Source: MMD0218-01 Prepared: 04/07/03 Analyzed: 04/08/03

Methyl tert-butyl ether	8.30	0.50	ug/l	10.0	ND	83.0	63-137	15.0	13	QR-02
-------------------------	------	------	------	------	----	------	--------	------	----	-------

Surrogate: 1,2-Dichloroethane-d4 4.45 " 5.00 89.0 78-129

Batch 3D09029 - EPA 5030B P/T

Blank (3D09029-BLK1)

Prepared: 04/09/03 Analyzed: 04/10/03

Ethanol	ND	100	ug/l						
---------	----	-----	------	--	--	--	--	--	--

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
 500 12th Street, Suite 100
 Oakland CA, 94607

 Project: ARCO #2162, San Leandro, Ca
 Project Number: ARCO #2162, San Leandro, CA
 Project Manager: Scott Robinson

 MMC0922
 Reported:
 04/15/03 14:02

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 3D09029 - EPA 5030B P/T
Blank (3D09029-BLK1)

Prepared: 04/09/03 Analyzed: 04/10/03

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

<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.09		"	5.00		102	78-129			
---	------	--	---	------	--	-----	--------	--	--	--

Laboratory Control Sample (3D09029-BS1)

Prepared & Analyzed: 04/09/03

Methyl tert-butyl ether	9.16	0.50	ug/l	10.0		91.6	63-137			
-------------------------	------	------	------	------	--	------	--------	--	--	--

<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.25		"	5.00		105	78-129			
---	------	--	---	------	--	-----	--------	--	--	--

Laboratory Control Sample (3D09029-BS2)

Prepared & Analyzed: 04/09/03

Methyl tert-butyl ether	7.75	0.50	ug/l	9.04		85.7	63-137			
-------------------------	------	------	------	------	--	------	--------	--	--	--

<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.21		"	5.00		104	78-129			
---	------	--	---	------	--	-----	--------	--	--	--

Matrix Spike (3D09029-MS1)

Source: MMD0114-04

Prepared: 04/09/03 Analyzed: 04/10/03

Methyl tert-butyl ether	137	2.5	ug/l	45.2	110	59.7	63-137			QM-07
-------------------------	-----	-----	------	------	-----	------	--------	--	--	-------

<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.27		"	5.00		105	78-129			
---	------	--	---	------	--	-----	--------	--	--	--

Matrix Spike Dup (3D09029-MSD1)

Source: MMD0114-04

Prepared: 04/09/03 Analyzed: 04/10/03

Methyl tert-butyl ether	130	2.5	ug/l	45.2	110	44.2	63-137	5.24	13	QM-07
-------------------------	-----	-----	------	------	-----	------	--------	------	----	-------

<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.17		"	5.00		103	78-129			
---	------	--	---	------	--	-----	--------	--	--	--

Sequoia Analytical - Morgan Hill

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



URS Corporation
500 12th Street, Suite 100
Oakland CA, 94607

Project: ARCO #2162, San Leandro, Ca
Project Number: ARCO #2162, San Leandro, CA
Project Manager: Scott Robinson

MMC0922
Reported:
04/15/03 14:02

Notes and Definitions

- QM-07 The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- QR-02 The RPD result exceeded the control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



Chain of Custody Record

Project Name 0303LS - MT 2
 BP BU/GEM CO Portfolio: _____
 BP Laboratory Contract Number: _____

Date: 03/28/07 Requested Due Date (mm/dd/yyyy) _____

On-site Time: 12:00 Temp: 75°
 Off-site Time: _____ Temp: _____
 Sky Condition: Cloudy
 Meteorological Events: _____
 Wind Speed: _____ Direction: _____

Send To:	BP/GEM Facility No.:	Consultant/Contractor: URS
Lab Name: SEQUOIA	BP/GEM Facility Address: 15135 HESPERIAN BLVD, San Leandro, CA	Address: 500 12th St., Ste. 200
Lab Address: 885 Jarvis Dr. Morgan Hill, CA 95037	Site ID No. ARCO 2162	Oakland, CA 94609-4014
	Site Lat/Long:	e-mail EDD: syed_rehan@urscorp.com
	California Global ID #: T0600100084	Consultant/Contractor Project No.: JS-00002162.01 00427
Lab PM: Latonya Pett	BP/GEM PM Contact: FAUL SUPPLE	Consultant Tele/Fax: 510-874-1735/510-874-3268
Tele/Fax: 408-776-8600 / 408-782-6308	Address:	Consultant/Contractor PM: Scott Robinson
Report Type & QC Level: Send EDP Reports	Tele/Fax:	Invoice to: Consultant/Contractor or BP/GEM (circle one)
BP/GEM Account No.:		BP/GEM Work Release No: INTRIM-50319

Item No.	Sample Description	Time	Matrix				Laboratory No.	No. of containers	Preservatives				Requested Analysis				Sample Point Lat/Long and Comments
			Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	TPH-G/BTEX (2001-2005)	TPH-D (2015)	MTBE (2021)	MTBE, TAME, ETBE, DEP, TBA (220)	
1	MW-1					MM00922	3										
2	MW-2	1305	X			01	3						X		X	X	
3	MW-3	1250	X			02	3						X		X	X	
4	MW-4	1220	X			03	3						X		X	X	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler's Name: <u>Michael Kim</u>	Self-analyzed By / AIBHafsa	Date	Time	Accepted By / AIBHafsa	Date	Time
Sampler's Company: <u>Bair Tech</u>	<u>Michael Kim</u> / BTK	<u>3/28/07</u>	<u>1420</u>	<u>[Signature]</u>	<u>3/28/07</u>	<u>1420</u>
Shipment Date:						
Shipment Method:						
Shipment Tracking No.:						

Special Instructions: Address Invoice to BP/GEM but send to URS for approval

Custody Seals In Place Yes No Temperature Blank Yes No Cooler Temperature on Receipt RIC Trip Blank Yes No

PLAIN TECH SERVICES Fax: 1+408+573+7771 Apr 1 2008 10:16 P.04

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP
 REC. BY (PRINT) [Signature]
 WORKORDER: MMC 0922

DATE REC'D AT LAB: 3/28/03
 TIME REC'D AT LAB: 15:35
 DATE LOGGED IN: 3/30/03

Drinking water for regulatory purposes: YES/NO YES NO
 Wastewater for regulatory purposes: YES/NO YES NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present <input checked="" type="radio"/> Absent <input type="radio"/> Intact / Broken*	01		MW-2	(8) VOAS	HCL	L	3/28/03	
2. Chain-of-Custody Present <input checked="" type="radio"/> Absent <input type="radio"/>	02		3	↓	↓	↓	↓	
3. Traffic Reports or Packing List: Present <input checked="" type="radio"/> Absent <input type="radio"/>	03		4	↓	↓	↓	↓	
4. Airbill: Airbill / Sticker Present <input checked="" type="radio"/> Absent <input type="radio"/>								
5. Airbill #:								
6. Sample Labels: Present <input checked="" type="radio"/> Absent <input type="radio"/>								
7. Sample IDs: Listed <input checked="" type="radio"/> Not Listed <input type="radio"/> on Chain-of-Custody								
8. Sample Condition: Intact <input checked="" type="radio"/> Broken* <input type="radio"/> / Leaking* <input type="radio"/>								
9. Does information on custody reports, traffic reports and sample labels agree? Yes <input checked="" type="radio"/> No <input type="radio"/>								
10. Sample received within hold time: Yes <input checked="" type="radio"/> No <input type="radio"/>								
11. Proper Preservatives used: Yes <input checked="" type="radio"/> No <input type="radio"/>								
12. Temp Rec. at Lab: Is temp 4 +/- 2°C? Yes <input checked="" type="radio"/> No <input type="radio"/> <small>(Acceptance range for samples requiring thermal pres.)</small>								
**Exception (if any): Metals / D191 (Direct From Field) or Problem COC								

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

ATTACHMENT C

HISTORIC GROUNDWATER DATA

Table 1
Groundwater Elevation and Analytical Data
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MTBE)

ARCO Service Station 2162
15135 Hesperian Boulevard, San Leandro, California

Well Number	Date Gauged/ Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl- benzene (ppb)	Xylenes (ppb)	MTBE 8021B* (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (ppm)	Purged/ Not Purged (P/NP)
MW-1	02/26/96	31.19	7.14	24.05	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	
MW-1	05/23/96	31.19	7.70	23.49	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	
MW-1	08/21/96	31.19	8.75	22.44	210	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	
MW-1	11/20/96	31.19	8.62	22.57	91	<0.5	<0.5	<0.5	<0.5	2.6	NA	NA	
MW-1	04/01/97	31.19	8.70	22.49	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NP
MW-1	06/10/97	31.19	8.45	22.74	94	<0.5	<0.5	0.68	0.56	6.4	NA	NA	NP
MW-1	09/17/97	31.19	9.20	21.99	<50	<0.5	<0.5	<0.5	<0.5	10	NA	1.0	NP
MW-1	12/12/97	31.19	8.00	23.19	<200	<2	<2	<2	<2	180	NA	2.0	NP
MW-1	03/25/98	31.19	7.00	24.19	<200	<2	<2	3	<2	180	NA	2.0	
MW-1	05/14/98	31.19	7.46	23.73	<50	<0.5	<0.5	<0.5	<0.5	<3	NA	1.17	P
MW-1	07/31/98	31.19	8.10	23.09	<50	<0.5	<0.5	<0.5	<0.5	<3	NA	2.0	NP
MW-1	10/12/98	31.19	8.60	22.59	<50	<0.5	<0.5	<0.5	<0.5	9	NA	2.5	NP
MW-1	02/11/99	31.19	7.32	23.87	<50	<0.5	<0.5	<0.5	<0.5	25	NA	1.0	P
MW-1	06/23/99	31.19	8.40	22.79	55	<0.5	<0.5	<0.5	<0.5	<3	NA	1.36	NP
MW-1	08/23/99	31.19	8.85	22.34	<50	<0.5	0.6	<0.5	<0.5	5	NA	1.42	NP
MW-1	10/27/99	31.19	8.50	22.69	<50	<0.5	<0.5	<0.5	<1	90	NA	0.83	NP
MW-1	02/09/00	31.19	8.11	23.08	<50	<0.5	<0.5	<0.5	<1	9	NA	0.77	NP
MW-2	02/26/96	30.38	6.41	23.97	770	<0.5	<0.5	45	28	NA	NA	NA	
MW-2	05/23/96	30.38	6.80	23.58	590	0.50	<0.5	35	18	NA	NA	NA	
MW-2	08/21/96	30.38	7.80	22.58	170	<0.5	<0.5	21	6.3	<2.5	NA	NA	
MW-2	11/20/96	30.38	7.73	22.65	88	<0.5	<0.5	7.9	1.1	<2.5	NA	NA	
MW-2	04/01/97	30.38	7.83	22.55	66	<0.5	<0.5	3.6	0.56	33	NA	NA	
MW-2	06/10/97	30.38	7.52	22.86	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NP
MW-2	09/17/97	30.38	8.24	22.14	<50	<0.5	<0.5	<0.5	<0.5	<3.0	NA	0.6	NP
MW-2	12/12/97	30.38	7.10	23.28	<50	<0.5	<0.5	<0.5	<0.5	<3.0	NA	1.2	NP
MW-2	03/25/98	30.38	6.27	24.11	<50	<0.5	<0.5	0.7	0.5	55	NA	1.0	
MW-2	05/14/98	30.38	6.54	23.84	210	<0.5	<0.5	3.3	<0.5	42	NA	1.47	P
MW-2	07/31/98	30.38	7.14	23.24	230	<0.5	<0.5	3.9	<0.5	6	NA	1.0	P

Table 1
Groundwater Elevation and Analytical Data
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MTBE)

ARCO Service Station 2162
15135 Hesperian Boulevard, San Leandro, California

Well Number	Date Gauged/ Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl- benzene (ppb)	Xylenes (ppb)	MTBE 8021B* (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (ppm)	Purged/ Not Purged (P/NP)
MW-2	10/12/98	30.38	7.65	22.73	110	<0.5	<0.5	1.5	<0.5	<3	NA	1.0	P
MW-2	02/11/99	30.38	6.55	23.83	660	<0.5	<0.5	6.7	0.7	3	NA	1.0	P
MW-2	06/23/99	30.38	7.48	22.90	270	<0.5	<0.5	2.2	0.8	<3	NA	NM	P
MW-2	08/23/99	30.38	7.89	22.49	200	<0.5	0.9	1.8	<0.5	<3	NA	1.17	P
MW-2	10/27/99	30.38	8.30	22.08	2,100	1.0	2.5	14	3	3	NA	0.75	NP
MW-2	02/09/00	30.38	8.02	22.36	<50	<0.5	<0.5	<0.5	<1	5	NA	0.69	NP
MW-3	02/26/96	30.30	6.72	23.58	120	5.0	<0.5	<0.5	<0.5	NA	NA	NA	
MW-3	05/23/96	30.30	7.18	23.12	140	12	<0.5	<0.5	<0.5	NA	NA	NA	
MW-3	08/21/96	30.30	8.17	22.13	<50	1.1	<0.5	<0.5	<0.5	130	NA	NA	
MW-3	11/20/96	30.30	8.03	22.27	55	<0.5	<0.5	<0.5	<0.5	59	NA	NA	
MW-3	04/01/97	30.30	8.09	22.21	<50	<0.5	<0.5	<0.5	<0.5	180	NA	NA	NP
MW-3	06/10/97	30.30	7.97	22.33	<50	<0.5	<0.5	<0.5	<0.5	1,900	NA	NA	NP
MW-3	09/17/97	30.30	8.54	21.76	<5,000	<50	<50	<50	<50	1,100	860	2.2	NP
MW-3	12/12/97	30.30	7.50	22.80	560	<5.0	<5.0	<5.0	5.0	370	NA	1.4	NP
MW-3	03/25/98	30.30	6.60	23.70	<500	<5	<5	<5	<5	470	NA	1.0	
MW-3	05/14/98	30.30	7.13	23.17	750	<5	<5	<5	<5	630	NA	1.97	P
MW-3	07/31/98	30.30	7.58	22.72	<500	<5	<5	<5	<5	590	NA	1.0	P
MW-3	10/12/98	30.30	8.00	22.30	<500	<5	<5	<5	<5	600	NA	2.0	P
MW-3	02/11/99	30.30	6.90	23.40	<500	<5	<5	<5	<5	280	NA	1.0	P
MW-3	06/23/99	30.30	7.82	22.48	220	<0.5	3.2	<0.5	<0.5	740	NA	1.98	P
MW-3	08/23/99	30.30	8.28	22.02	<50	<0.5	1.1	<0.5	<0.5	230	NA	1.20	P
MW-3	10/27/99	30.30	9.27	21.03	<50	<0.5	<0.5	<0.5	<1	<3	NA	0.81	NP
MW-3	02/09/00	30.30	7.45	22.85	<50	<0.5	<0.5	<0.5	<1	80	NA	0.81	P
MW-4	02/26/96	30.39	7.59	22.80	110	9.9	<0.5	<0.5	<0.5	NA	NA	NA	
MW-4	05/23/96	30.39	8.22	22.17	69	8.0	<0.5	<0.5	<0.5	NA	NA	NA	
MW-4	08/21/96	30.39	9.28	21.11	<50	6.8	<0.5	<0.5	<0.5	<2.5	NA	NA	
MW-4	11/20/96	30.39	9.12	21.27	95	10	0.59	<0.5	0.52	3.8	NA	NA	

Table 1
Groundwater Elevation and Analytical Data
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MTBE)

ARCO Service Station 2162
15135 Hesperian Boulevard, San Leandro, California

Well Number	Date Gauged/ Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl- benzene (ppb)	Xylenes (ppb)	MTBE 8021B* (ppb)	MTBE 8260 (ppb)	Dissolved Oxygen (ppm)	Purged/ Not Purged (P/NP)
MW-4	04/01/97	30.39	8.45	21.94	73	5.7	<0.5	<0.5	<0.5	<2.5	NA	NA	
MW-4	06/10/97	30.39	9.00	21.39	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NP
MW-4	09/17/97	30.39	9.76	20.63	<50	3.2	<0.5	<0.5	<0.5	8.0	NA	0.2	NP
MW-4	12/12/97	30.39	8.45	21.94	<50	2.9	<0.5	<0.5	<0.5	14	NA	1.0	NP
MW-4	03/25/98	30.39	7.52	22.87	58	2.8	<0.5	<0.5	<0.5	<3	NA	3.0	
MW-4	05/14/98	30.39	8.03	22.36	<50	<0.5	<0.5	<0.5	<0.5	<3	NA	3.24	NP
MW-4	07/31/98	30.39	8.67	21.72	<50	<0.5	<0.5	<0.5	<0.5	<3	NA	2.0	NP
MW-4	10/12/98	30.39	9.15	21.24	<50	<0.5	<0.5	<0.5	<0.5	4	NA	1.5	NP
MW-4	02/11/99	30.39	7.80	22.59	61	2.5	<0.5	<0.5	<0.5	6	NA	1.0	P
MW-4	06/23/99	30.39	9.00	21.39	<50	<0.5	<0.5	<0.5	<0.5	<3	NA	1.42	NP
MW-4	08/23/99	30.39	9.31	21.08	<50	<0.5	<0.5	<0.5	<0.5	6	NA	1.53	NP
MW-4	10/27/99	30.39	9.80	20.59	<50	<0.5	<0.5	<0.5	<1	6	NA	0.98	NP
MW-4	02/09/00	30.39	8.63	21.76	<50	<0.5	<0.5	<0.5	<1	7	NA	0.74	NP

TPPH = Total purgeable petroleum hydrocarbons by modified EPA method 8015
 BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA method 8021B. (EPA method 8020 prior to 10/27/99).
 MTBE = Methyl tert -Butyl Ether
 * = EPA method 8020 prior to 10/27/99
 MSL = Mean sea level
 TOC = Top of casing
 ppb = Parts per billion
 ppm = Parts per million
 NA = Not analyzed
 NM = Not measured
 < = Denotes concentration not present above laboratory detection limited stated to the right

ATTACHMENT D

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Error Summary Log

04/16/03

EDF 1.2i All files present in deliverable.

Laboratory:	Sequoia Analytical Laboratories, Inc., Morgan Hill, CA
Project Name:	ARCO #2162, San Leandro,
Work Order Number:	MMC0922
Global ID:	T0600100084
Lab Report Number:	MMC0922041520031402

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotct	Run	Sub
MMC09220415200 MW-2 31402		MMC092201	W	CS	8260+OX	SW5035	03/28/03	04/07/03	04/08/03	3D07028	1	
MMC09220415200 MW-2 31402		MMC092201	W	CS	8260TPH	SW5035	03/28/03	04/07/03	04/08/03	3D07028	1	
MMC09220415200 MW-3 31402		MMC092202	W	CS	8260+OX	SW5030B	03/28/03	04/09/03	04/10/03	3D09029	1	
MMC09220415200 MW-3 31402		MMC092202	W	CS	8260TPH	SW5030B	03/28/03	04/09/03	04/10/03	3D09029	1	
MMC09220415200 MW-4 31402		MMC092203	W	CS	8260+OX	SW5035	03/28/03	04/07/03	04/08/03	3D07028	1	
MMC09220415200 MW-4 31402		MMC092203	W	CS	8260TPH	SW5035	03/28/03	04/07/03	04/08/03	3D07028	1	
		MMD011404	W	NC	8260+OX	SW5030B	//	04/09/03	04/10/03	3D09029	1	
		MMD011404	W	NC	8260TPH	SW5030B	//	04/09/03	04/10/03	3D09029	1	
		MMD021801	W	NC	8260+OX	SW5035	//	04/07/03	04/08/03	3D07028	1	
		MMD021801	W	NC	8260TPH	SW5035	//	04/07/03	04/08/03	3D07028	1	
		3D07028BSD1	WQ	BD1	8260+OX	SW5035	//	04/07/03	04/07/03	3D07028	1	
		3D07028BSD1	WQ	BD1	8260TPH	SW5035	//	04/07/03	04/07/03	3D07028	1	
		3D07028BS1	WQ	BS1	8260+OX	SW5035	//	04/07/03	04/07/03	3D07028	1	
		3D07028BS1	WQ	BS1	8260TPH	SW5035	//	04/07/03	04/07/03	3D07028	1	
		3D07028BS2	WQ	BS2	8260TPH	SW5035	//	04/07/03	04/07/03	3D07028	1	
		3D07028BLK1	WQ	LB1	8260+OX	SW5035	//	04/07/03	04/07/03	3D07028	1	
		3D07028BLK1	WQ	LB1	8260TPH	SW5035	//	04/07/03	04/07/03	3D07028	1	
		3D07028MS1	W	MS1	8260+OX	SW5035	//	04/07/03	04/08/03	3D07028	1	
		3D07028MS1	W	MS1	8260TPH	SW5035	//	04/07/03	04/08/03	3D07028	1	
		3D07028MS2	W	MS2	8260TPH	SW5035	//	04/07/03	04/08/03	3D07028	1	
		3D07028MSD1	W	SD1	8260+OX	SW5035	//	04/07/03	04/08/03	3D07028	1	
		3D07028MSD1	W	SD1	8260TPH	SW5035	//	04/07/03	04/08/03	3D07028	1	
		3D07028MSD2	W	SD2	8260TPH	SW5035	//	04/07/03	04/08/03	3D07028	1	
		3D09029BS1	WQ	BS1	8260+OX	SW5030B	//	04/09/03	04/09/03	3D09029	1	
		3D09029BS1	WQ	BS1	8260TPH	SW5030B	//	04/09/03	04/09/03	3D09029	1	
		3D09029BS2	WQ	BS2	8260+OX	SW5030B	//	04/09/03	04/09/03	3D09029	1	
		3D09029BS2	WQ	BS2	8260TPH	SW5030B	//	04/09/03	04/09/03	3D09029	1	
		3D09029BLK1	WQ	LB1	8260+OX	SW5030B	//	04/09/03	04/10/03	3D09029	1	
		3D09029BLK1	WQ	LB1	8260TPH	SW5030B	//	04/09/03	04/10/03	3D09029	1	
		3D09029MS1	W	MS1	8260+OX	SW5030B	//	04/09/03	04/10/03	3D09029	1	
		3D09029MS1	W	MS1	8260TPH	SW5030B	//	04/09/03	04/10/03	3D09029	1	
		3D09029MSD1	W	SD1	8260+OX	SW5030B	//	04/09/03	04/10/03	3D09029	1	
		3D09029MSD1	W	SD1	8260TPH	SW5030B	//	04/09/03	04/10/03	3D09029	1	

EDFSAMP: Error Summary Log

04/16/03

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

EDFTEST: Error Summary Log

04/16/03

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

EDFRES: Error Summary Log

04/16/03

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

EDFQC: Error Summary Log

04/16/03

Error type	Labioccl	Anmcode	Parlabel	Qccode	Labqclid
There are no errors in this data files					

EDFCL: Error Summary Log

04/16/03

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

AB2886 Electronic Delivery

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

Your EDF file has been successfully uploaded!

Confirmation Number: 1023179650

Date/Time of Submittal: 4/17/2003 1:52:35 PM

Facility Global ID: T0600100084

Facility Name: ARCO

Submittal Title: First Quarter 03 Groundwater Monitoring Report for site # 2162

Submittal Type: GW Monitoring Report

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE [ADMINISTRATOR](#).

AB2886 Electronic Delivery

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

UPLOADING A GEO_WELL FILE

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

Submittal Title: First Quarter 03 Geowell for site #
2162

Submittal Date/Time: 4/17/2003 1:55:51 PM

**Confirmation
Number:** 3296737492

[Back to Main Menu](#)

Logged in as URSCORP-OAKLAND
(CONTRACTOR)

[CONTACT SITE ADMINISTRATOR](#)