URS

RO-190

October 21, 2002

Mr. Scott Seery
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Quarterly Groundwater Monitoring Report**
Second Quarter 2002
ARCO Service Station No. 2162
15135, Hesperian Boulevard
San Leandro, California
URS Project # 38465937

Dear Mr. Seery:

On behalf of ARCO (affiliated to Group Environmental Management Company), URS Corporation (URS) is pleased to submit the Quarterly Groundwater Monitoring Report. This report presents the results of the second quarter 2002 groundwater monitoring program at ARCO Service Station No. 2162 located at 15135, Hesperian Boulevard San Leandro, California. The monitoring program complies with the Alameda County Health Care Services Agency (ACHCSA) requirements regarding Underground Storage Tank (UST) investigations.

Please call us at 510-893-3600 if you have questions.

Sincerely,
URS CORPORATION

Scott Robinson
Project Manager

Amy Breckenridge
Portfolio Manager

REGISTERED PROFESSIONAL ENGINEER
AMY BRECKENRIDGE
No. C057141
Exp. 12/31/02
CIVIL
STATE OF CALIFORNIA

Attachments: Monitoring and Remediation System Performance Report, Second Quarter 2002
SVE Quarterly Operation and Performance, Second Quarter 2002

cc: Mr. Paul Supple, ARCO. PO Box 6549 Moraga, CA 94570
Mr. Mike Bakaldin – Environmental Services Division, City of San Leandro 835 E 14th St., San Leandro 94577
Mr. John Jang – California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay St., Suite 1400, Oakland, CA 94502

URS Corporation
500 12th Street, Suite 200
Oakland, CA 94607-4014
Tel: 510.893.3600
Fax: 510.874.3268

Quarterly Groundwater Monitoring Report

Second Quarter 2002

ARCO Service Station No. 2162
15135 Hesperian Boulevard,
San Leandro, California
URS Project # 38465937

Prepared For:

Mr. Paul Supple
ARCO

October 21, 2002

Prepared By:
URS Corporation.
500 12th Street, Suite 200
Oakland, CA 94607-4014

URS

Date: October 21, 2002

ARCO QUARTERLY GROUNDWATER MONITORING REPORT

Station No.:	2162	Address:	15135 Hesperian Boulevard, San Leandro, CA
ARCO Environmental Engineer/Phone No.:			Paul Supple
Consulting Co./Contact Person			URS Corporation/ Scott Robinson
Consultant Project No.:			38465937
Primary Agency/Regulatory ID No.			Alameda County Health Care Services Agency

WORK PERFORMED THIS QUARTER (Second - 2002)

1. Prepare and submit quarterly groundwater monitoring report for second quarter 2002.
2. Perform quarterly groundwater monitoring and sampling for third quarter 2002.

WORK PROPOSED FOR NEXT QUARTER (Third - 2002)

1. Prepare and submit quarterly groundwater monitoring report for third quarter 2002.
2. Perform quarterly groundwater monitoring and sampling for fourth quarter 2002.

QUARTERLY MONITORING:

Current Phase of Project	Monitoring
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
FP Recovered this Quarter:	N/A
Cumulative FP Recovered to Date:	None
Bulk Soil Removed This Quarter:	None
Bulk Soil Removed to Date:	None
Current Remediation Techniques:	Natural Attenuation
Approximate Depth to Groundwater:	7.99 feet
Groundwater Gradient:	0.012 Feet per foot towards southwest

DISCUSSION:

- Total petroleum hydrocarbons as gasoline were detected in a sample collected from MW-2 at 74 µg/L.

ATTACHMENTS:

- Disclaimer Statement : Groundwater Monitoring Report
- Table 1 Summary of Groundwater Elevation and Analytical Data
- Table 2 Groundwater Flow Direction and Gradient
- Figure 1 Groundwater Analytical Summary Map
- Figure 2 Groundwater Elevation Contour Map
- Attachment A Groundwater Sampling Procedures
- Attachment B Historical Data Tables (Source : IT Corporation)
- Attachment C Certified Analytical Reports and Chain-of-Custody
- Attachment D Field Data Sheets
- Attachment E Copy of EDCC Report, EDF and Geowell Submittal Confirmation Number Page

TABLE 1

SUMMARY OF GROUNDWATER ELEVATION AND ANALYTICAL DATA

ARCO Service Station No. 2162
15135 Hesperian Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as Gasoline (µg/L)	MTBE (µg/L)
MW-1	06/20/00	31.19	8.33	22.86	<0.5	0.8	<0.5	<1.0	<50	<10
	09/29/00		9.07	22.12	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/17/00		8.69	22.50	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	03/23/01		8.19	23.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	06/20/01		8.97	22.22	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/22/01		9.56	21.63	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	12/28/01		8.40	22.79	<0.5	<0.5	<0.5	0.63	<50	<2.5
	03/14/02		8.05	23.14	<0.5	<0.5	<0.5	<0.5	<50	170
	04/18/02		**8.27**	**22.92**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**	**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	<0.5	<0.5	<0.5	<0.5	266	<2.5
	12/17/00		7.80	22.58	<0.5	<0.5	0.659	<0.5	175	<2.5
	03/23/01		7.23	23.15	<0.5	<0.5	0.912	<0.5	351	<2.5
	06/20/01		7.98	22.40	<0.5	<0.5	0.74	<0.5	360	<2.5
	09/22/01		8.55	21.83	<0.5	<0.5	<0.5	<0.5	190	<2.5
	12/28/01		7.53	22.85	<0.5	0.93	<0.5	0.51	130	<2.5
	03/14/02		7.17	23.21	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	04/18/02		**7.31**	**23.07**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**74**	**NS**

TABLE 1

SUMMARY OF GROUNDWATER ELEVATION AND ANALYTICAL DATA

ARCO Service Station No. 2162
15135 Hesperian Boulevard
San Leandro, California

Well Number	Date Sampled	Top of Riser Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as Gasoline (µg/L)	MTBE (µg/L)
MW-3	06/20/00	30.30	7.75	22.55	NS	NS	NS	NS	NS	NS
	09/29/00		8.46	21.84	<0.5	<0.5	<0.5	<0.5	<50	128
	12/17/00		8.01	22.29	<0.5	<0.5	<0.5	<0.5	<50	46.7
	03/23/01		7.70	22.60	<0.5	<0.5	<0.5	<0.5	<50	26.8
	06/20/01		8.23	22.07	<0.5	<0.5	<0.5	<0.5	<50	30
	09/22/01		8.89	21.41	<0.5	<0.5	<0.5	<0.5	<50	12
	12/28/01		7.83	22.47	<0.5	<0.5	<0.5	<0.5	<50	6.2
	03/14/02		7.48	22.82	<0.5	<0.5	<0.5	<0.5	<50	47
	04/18/02		**7.62**	**22.68**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**	**NS**
MW-4	06/20/00	30.39	8.87	21.52	NS	NS	NS	NS	NS	NS
	09/29/00		9.61	20.78	1.02	<0.5	<0.5	<0.5	<50	12.2
	12/17/00		9.17	21.22	<0.5	<0.5	<0.5	<0.5	<50	5.81
	03/23/01		8.70	21.69	<0.5	<0.5	<0.5	<0.5	<50	3.04
	06/20/01		9.51	20.88	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	09/22/01		10.06	20.33	<0.5	<0.5	<0.5	<0.5	<50	5.2
	12/28/01		8.86	21.53	<0.5	<0.5	<0.5	<0.5	<50	4.3
	03/14/02		8.52	21.87	<0.5	<0.5	<0.5	<0.5	<50	5.1
	04/18/02		**8.76**	**21.63**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**	**NS**

TPH = Total Petroleum Hydrocarbons

MTBE = Methyl tertiary butyl ether analyzed by EPA Method 8021B unless otherwise noted

µg/L = Micrograms per liter

NS = Not sampled

Note: Please refer to Attachment B for Historical Groundwater Elevation and Analytical Data Tables developed by IT Corporation

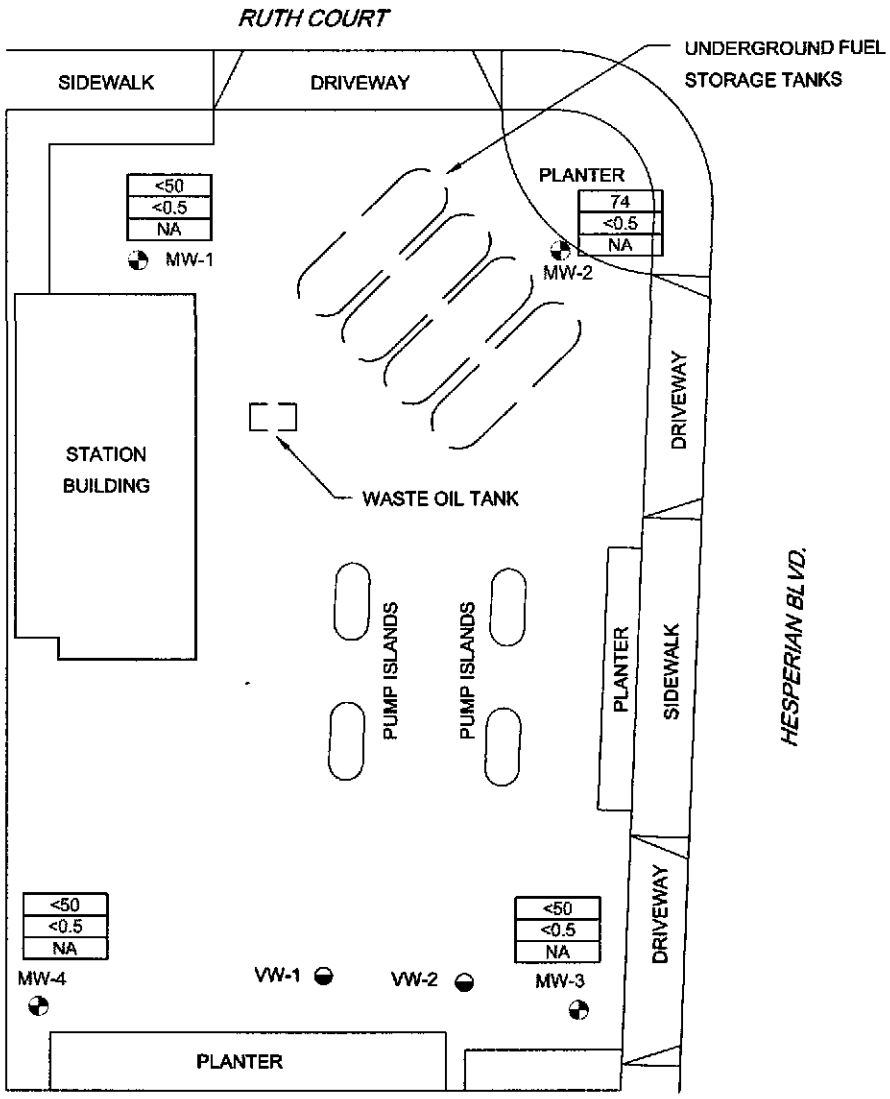
TABLE 2

GROUNDWATER FLOW DIRECTION AND GRADIENT

ARCO Service Station No. 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**

Note: Please refer to Attachment B for Historical Groundwater Elevation and Analytical Data Tables developed by IT Corporation



LEGEND

MW-1	MONITORING WELL LOCATION
VW-1	SOIL VAPOR EXTRACTION WELL LOCATION
<50 <0.5 NS	TPH AS GASOLINE IN MICROGRAMS PER LITER BENZENE IN MICROGRAMS PER LITER MTBE IN MICROGRAMS PER LITER
NS	NOT SAMPLED
NA	NOT ANALYZED

North

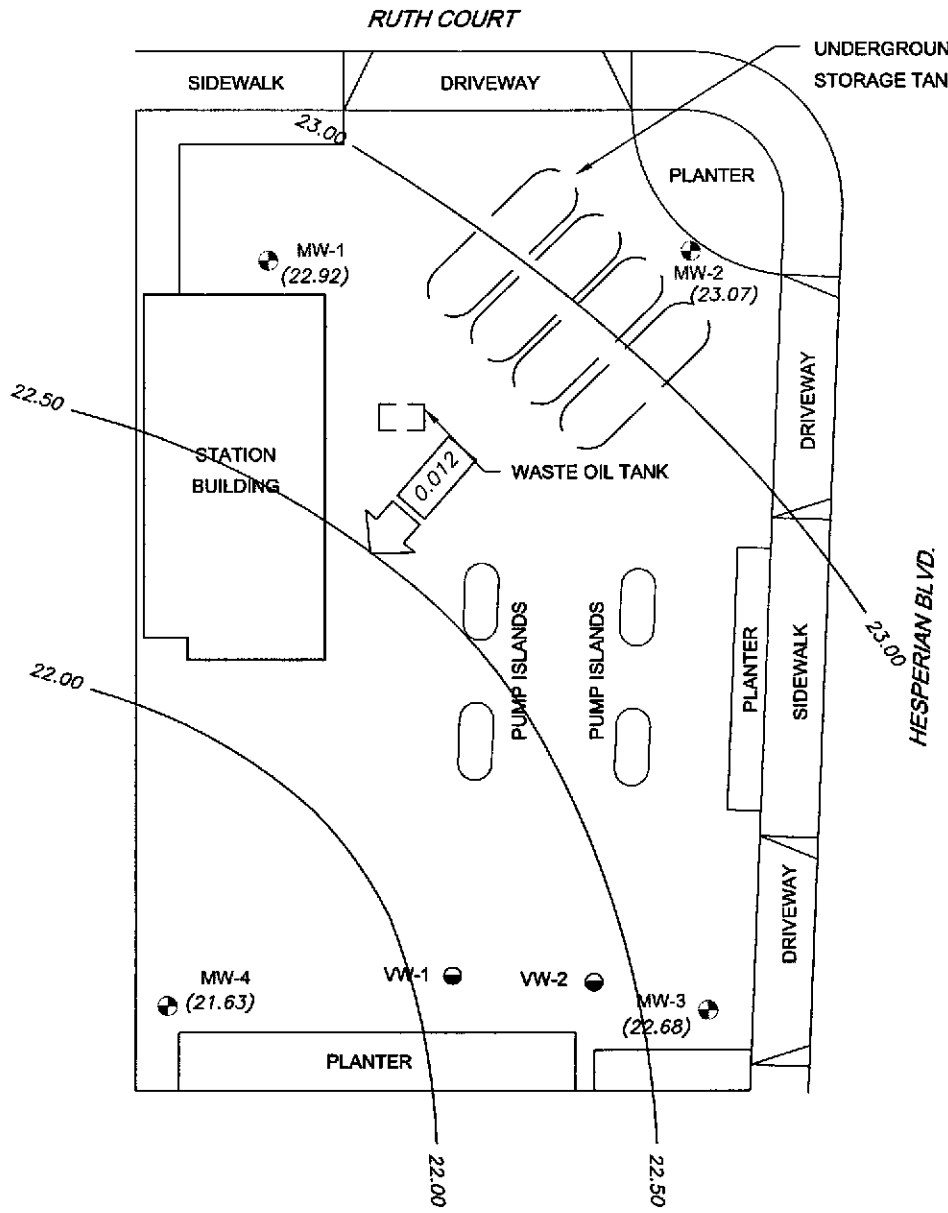
0 30 FT

SCALE

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

URS	Project No. 38465937 Arco Service Station 2162 15135 Hesperian Boulevard San Leandro, California	GROUNDWATER ANALYTICAL SUMMARY Second Quarter 2002 (April 18, 2002)	FIGURE 1

X:\x_env\waste\BP GEM\Sites\Scott Robineon\Paul Supple\2162\Reports\Monitoring\Qtr. 2, 2002\Drawings\1_GWAS_4-18-02.dwg



LEGEND

MW-1	MONITORING WELL LOCATION
VW-1	SOIL VAPOR EXTRACTION WELL LOCATION
(21.63)	GROUNDWATER ELEVATION IN FEET ABOVE MSL
22.00	WATER TABLE CONTOUR IN FEET ABOVE MSL
0.012	APPROXIMATE GROUNDWATER FLOW GRADIENT

North

0 30 FT

SCALE

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

URS	Project No. 38465937 Arco Service Station 2162 15135 Hesperian Boulevard San Leandro, California	GROUNDWATER ELEVATION CONTOUR MAP Second Quarter 2002 (April 18, 2002)	FIGURE 2

X:\x_env\waste\BP GEM\Sites\Scott Robinson\Paul Supple\2162\Reports\Monitoring\Qtr. 2, 2002\Drawings\2_GWEC_4-18-02.dwg

ATTACHMENT A

GROUNDWATER SAMPLING PROCEDURES

BLAINE TECH SERVICES, INC.
METHODS AND PROCEDURES
FOR THE ROUTINE MONITORING OF
GROUNDWATER WELLS AT BP/ARCO SITES

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for BP/ARCO comply with BP/ARCO's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians hold valid BP/ARCO Safety Passport and 40-hour 29CFR 1910.120 OSHA SARA HAZWOPER training certificates in addition to receiving medical clearance and on-the-job training prior to commencing any work on any BP/ARCO site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic water level indicators that are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of Immiscibles or sheen and when free product is suspected, it is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing over two-hundredths of a foot (0.02') of product.

PURGED WELLS - EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum

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purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.
Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well. Small volumes of purgewater are often removed by hand bailing with a disposable bailer.

PURGED WELLS - PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 pH.

These groundwater parameters are collected using a Myron-L Ultrameter 6P. During the evacuation process, water is collected and placed into the cup of the meter for parameter collection. The meter is calibrated daily or as needed according to manufacturers specifications.

PURGED WELLS - DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewaters and does not immediately recharge. Wells that dewater will be sampled once they have recharged to 80% of their original static water level or when we are prepared to leave the site, whichever occurs first.

NO PURGE WELLS

Wells that qualify are sampled without purging. A set of water quality parameters and a Dissolved Oxygen measurement are collected. The well is sampled with a disposable bailer.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and

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hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non-hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to a BP/ARCO approved disposal facility.

DISSOLVED OXYGEN READINGS

A pre-sample Dissolved Oxygen reading is collected at all sampled wells. The measurement is collected using an electronic meter (YSI Model 51, 58, 95 or equivalent). Water is drawn from the well, placed in a clean cup with the meter probe and the measurement collected.

The probe is decontaminated between wells. The meter is calibrated between wells as per the instructions in the operating manual.

SAMPLE COLLECTION

All samples are collected using disposable bailers. The bailer is gently lowered into the well to minimize agitation or aeration of the water. Bailers and their associated cord are used once and then discarded.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory that will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

Upon request, a Trip Blank is carried to each site and is kept inside the cooler for the duration of the sampling event. It is turned over to the laboratory for analysis with the samples from that site.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the analytical laboratory that will perform the intended analytical procedures. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

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DOCUMENTATION CONVENTIONS

Each and every sample container has a label affixed to it. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time at which the sample was collected and the initials of the person collecting the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in serviceable condition and is cleaned throughly before initial use and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer that is then operated with high quality deionized water that is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, sounder etc.) that cannot be washed using the hot high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

EXAMPLE: The water level indicator is cleaned between wells using the non-phosphate soap and deionized water solution followed by deionized water rinses. The water level indicator is then washed with the steam cleaner between sites or as necessitated by use in a particularly contaminated well.

OXYIDATON REDUCTION POTENTIAL READINGS

ORP readings, as requested, are obtained with a Myron-L Ultrameter 6P. The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual. In use the probe is placed in a cup of freshly obtained monitoring well water and allowed to stabilize.

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ATTACHMENT B

HISTORICAL DATA TABLES

(Source: IT Corporation)

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

DISCLAIMER STATEMENT - GROUNDWATER MONITORING REPORT
GROUP ENVIRONMENTAL MANAGEMENT COMPANY SITES

This report is based on data, site conditions and other information that is generally applicable as of the date of the report, and the conclusions and recommendations herein are therefore applicable only to that time frame.

Background information including but not limited to previous field measurements, analytical results, site plans and other data have been furnished to URS by Group Environmental Management Company, their previous consultants, and/or third parties, which URS has used in preparing this report. URS has relied on this information as furnished, and is neither responsible for nor has confirmed the accuracy of this information.

Analytical data provided by the Group Environmental Management Company approved laboratory has been reviewed and verified by the laboratory. URS has not performed an independent review of the data and is neither responsible for nor has confirmed the accuracy of this data. Field measurements have been supplied by a groundwater sampling subcontractor. URS has not performed an independent review of the field sampling data and is neither responsible for nor has confirmed the accuracy of this data.

ATTACHMENT C

CERTIFIED ANALYTICAL REPORTS
AND
CHAIN-OF-CUSTODY

Sequoia Analytical

819 Striker Avenue, Suite 8
Sacramento, CA 95834
(916) 921-9600
FAX (916) 921-0100
www.sequoialabs.com

29 April, 2002

Steven Meeks
Delta Environmental Consultants (Rancho Cordova)
3164 Gold Camp Drive Ste. 200
Rancho Cordova, CA 95670

RE: ARCO 2162, San Leandro, CA
Sequoia Report: S204351

Enclosed are the results of analyses for samples received by the laboratory on 04/19/02 15:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lito Diaz
Laboratory Director

CA ELAP Certificate #1624

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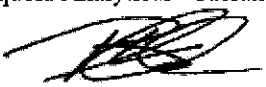
Delta Environmental Consultants (Rancho Cordova	Project: ARCO 2162, San Leandro, CA	
3164 Gold Camp Drive Ste. 200	Project Number: 2162, San Leandro, CA	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steven Meeks	04/29/02 12:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	S204351-01	Water	04/18/02 12:26	04/19/02 15:20
MW-2	S204351-02	Water	04/18/02 14:42	04/19/02 15:20
MW-3	S204351-03	Water	04/18/02 14:18	04/19/02 15:20
MW-4	S204351-04	Water	04/18/02 14:21	04/19/02 15:20

Sequoia Analytical - Sacramento



Ron Chew, Client Services Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

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Sacramento, CA 95834
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Delta Environmental Consultants (Rancho Cordova	Project: ARCO 2162, San Leandro, CA	
3164 Gold Camp Drive Ste. 200	Project Number: 2162, San Leandro, CA	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steven Meeks	04/29/02 12:19

Total Purgeable Hydrocarbons and BTEX by DHS LUFT

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (S204351-01) Water Sampled: 04/18/02 12:26 Received: 04/19/02 15:20									
Purgeable Hydrocarbons	ND	50	ug/l	1	2040321	04/25/02	04/25/02	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.9 %*		*60-140*	"	"	"	"	
MW-2 (S204351-02) Water Sampled: 04/18/02 14:42 Received: 04/19/02 15:20									
Purgeable Hydrocarbons	**74**	50	ug/l	1	2040321	04/25/02	04/25/02	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*98.8 %*		*60-140*	"	"	"	"	
MW-3 (S204351-03) Water Sampled: 04/18/02 14:18 Received: 04/19/02 15:20									
Purgeable Hydrocarbons	ND	50	ug/l	1	2040321	04/25/02	04/25/02	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*		*60-140*	"	"	"	"	
MW-4 (S204351-04) Water Sampled: 04/18/02 14:21 Received: 04/19/02 15:20									
Purgeable Hydrocarbons	ND	50	ug/l	1	2040321	04/25/02	04/25/02	DHS LUFT	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*		*60-140*	"	"	"	"	

ARCO ◆

Work Authorization No. 2599700

Chain of Custody

ARCO Facility No. 2162	City (Facility) San Leandro	Project Manager (Consultant) Steve Meeks	Laboratory name Sequoia
ARCO engineer Paul Supple	Telephone no. (ARCO)	Telephone no. (Consultant) 916-638-2085 / Fax no. (Consultant) 916-638-8353	Contract number
Company name (Consultant) [illegible] Delta	Address (Consultant) Sacto		

Sample I.D.	Lab no.	Container no.	Matrix: Soil	Matrix: Water	Matrix: Other	Preservation: Ice	Preservation: Acid	Sampling date	Sampling time	BTEX 602/EPA 8021	BTEX/TPH EPA M602/8021/8015	TPH Modified 8015 Gas ☐ Diesel ☐	Oil and Grease 413.1 ☐ 413.2 ☐	TPH EPA 418.1/SM503E	BTEX + MTBE EPA 8260	BTEX + Standard Oxygenates EPA 8260	TCLP Metals ☐ VOA ☐ Semi VOA ☐	CAM Metals EPA 6010/7000 TTLC ☐ STLC ☐	Lead Org/DHS ☐ Lead EPA 7420/7421 ☐			
MW 1		2		X		X		4-18	1226		X						S204135-01					
MW 2		"		"		"		"	1442		"						-02					
MW 3		"		"		"		"	1418		"						-03					
MW 4		"		"		"		"	1421		"						-04					

Method of shipment

Special detection Limit/reporting

Special QA/QC

Remarks

Type of Work
- ☐ Dispenser Work
- ☐ Line Job
- ☐ Routine Sampling
- ☐ Site Acquisitions
- ☐ Site Assessment
- ☐ UST Removal
- ☐ UST Replacement
- ☐ Other ______

Lab number

Turnaround time
- Priority Rush 1 Business Day ☐
- Rush 2 Business Days ☐
- Expedited 5 Business Days ☐
- Standard 10 Business Days ☒

Condition of sample:

Temperature received:

Relinquished by sampler [illegible]	Date 4/19/02	Time 1520	Received by Monica Gegen
Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Received by laboratory / Date / Time

Distribution: White copy — Laboratory; Canary copy — ARCO Environmental Engineering; Pink copy — Consultant
APC-3292 (2-91)

Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670
Direct: (916) 638-2085
Fax: (916) 638-8385

Arco Site Address: 15135 Hesperian Blvd, San Leandro, California
Arco Site Number: Arco 2162
Delta Project No.: D000-310
Arco Project Manager: Paul Supple
Delta Project PM: Steve Meeks
Site Sampled By: EO
Date Sampled: 4-18-02
Site Contact & Phone Number:

Water Level Data						Purge Volume Calculations					Sampling Analytes					Sample Record		
Well ID	Time	Depth to Water (feet)	Top of Screen Interval (feet)	Total Depth of Well (feet)	Check if Purge Not Required	Casing Water Column (A)	Well Diameter (inches)	Multiplier Value (B)	Three Casing Volumes (gallons)	Actual Water Purged (gallons)	BTEX (8020) VOA	TPH-g (8015M) VOA	MTBE (8020) VOA	Other	Dissolved Oxygen (mg/L)	Sample Freqency (A, S, Q)	Sample I.D.	Sample Time
MW-1	1359	8.27	8.0	15.9	☒	NA	4 inch	2.0	NA	NA	☑	☑	☑	☐		Q/2,5,8,11		1226
MW-2	1402	7.31	8.0	15.9	☐	8.5	4 inch	2.0	17.1	17.1	☑	☑	☑	☐		Q/2,5,8,11		1442
MW-3	1350	7.62	9.0	14.8	☐	7.18	4 inch	2.0	14.0	14.0	☑	☑	☑	☐		Q/2,5,8,11		1418
MW-4	1355	8.76	8.0	17.5	☒	NA	4 inch	2.0	NA	NA	☑	☑	☑	☐		Q/2,5,8,11		14.21

(A)-Casing Water Column: Depth to Bottom - Depth to Water **(B)-Multiplier Values:** (2" Well: 0.5) (4" Well: 2.0) (6" Well: 4.4) **Sampling Sequence: Quarterly:** MW-3, MW-4, MW-1, MW-2

Sampling Notes: List depth of Sample on C.O.C. [i.e. MW-1(30)] Make Sure to Note on C.O.C. "Provide Lowest Reporting Limit Available." Original Copies of Field Sampling Sheets are Located in Project File
If the water level is below the top of the screen, take a grab sample and check box for NO PURGE (NP) If the water level is above the screen, purge as normal.

Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670
Direct: (916) 638-2085
Fax: (916) 638-8385

Arco Site Address: 15135 Hesperian Blvd
San Leandro, California
Arco Project Manager: Paul Supple
Site Contact & Phone Number:
Site Sampled By: EO

Arco Site Number: Arco 2162
Delta Project No.: D000-310
Delta Project PM: Steve Meeks
Date Sampled: 4-18-02

Well ID	Time	Temp °C	pH Units	Sp. Cond.	Gallons
MW-1					
	1426	NP			
MW-2	1433	69.0	7.10	541	17.1
	1437	69.2	7.06	510	
	1442	68.1	7.03	506	
MW-3	1410	68.9	7.10	601	14.0
	1415	68.9	7.03	355	
	1418	69.01	7.01	350	
MW-4					
	1421	NP			

Notes: NP = NO PURGE

Original Copies of Field Sampling Sheets are Located in Project File

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: DOHO
REC. BY (PRINT) MONICA
WORKORDER: S204351

DATE Received at Lab: 4/19/02
TIME Received at Lab: 1520
LOG IN DATE: 4/22/02

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	#	CLIENT ID	DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent	S204351	01	MW1	VOA	W	4/18/02	
	Intact / Broken*	1	02	2	1	1	1	
2. Chain-of-Custody	Present / Absent*		03	3				
3. Traffic Reports or Packing List:	Present / Absent		04	4				
4. Airbill:	Airbill / Sticker							
	Present / Absent							
5. Airbill #:								
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 custody reports, traffic reports and sample labels agree?	Yes / No*							
10. Sample received within hold time:	Yes / No*							
11. Proper Preservatives used:	Yes / No*							
12. Temp Rec. at Lab:	←							
(Acceptance range for samples requiring thermal pres.:4+/-2°C)	Yes / No*							

*If Circled, contact Project Manager and attach record of resolution.

ATTACHMENT D

FIELD DATA SHEETS

ATTACHMENT E

COPY OF EDCC REPORT,
EDF AND GEOWELL SUBMITTAL CONFIRMATION NUMBER PAGE

Error Summary Log

10/22/02

EDF 1.2i All files present in deliverable.

Laboratory:	Sequoia Analytical Laboratories, Inc., Sacramento, CA
Project Name:	ARCO 2162, San Leandro, C
Work Order Number:	S204351
Global ID:	T0600100084
Lab Report Number:	S204351042920021218

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
S20435104292002 1218	MW-1	S20435101	W	CS	SW8021B	SW5030B	04/18/02	04/25/02	04/25/02	2040321	1	
S20435104292002 1218	MW-2	S20435102	W	CS	SW8021B	SW5030B	04/18/02	04/25/02	04/25/02	2040321	1	
S20435104292002 1218	MW-3	S20435103	W	CS	SW8021B	SW5030B	04/18/02	04/25/02	04/25/02	2040321	1	
S20435104292002 1218	MW-4	S20435104	W	CS	SW8021B	SW5030B	04/18/02	04/25/02	04/25/02	2040321	1	
		2040321BSD1	WQ	BD1	SW8021B	SW5030B	/ /	04/25/02	04/25/02	2040321	1	
		2040321BS1	WQ	BS1	SW8021B	SW5030B	/ /	04/25/02	04/25/02	2040321	1	
		2040321BLK1	WQ	LB1	SW8021B	SW5030B	/ /	04/25/02	04/25/02	2040321	1	

EDFSAMP: Error Summary Log

10/22/02

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

EDFTEST: Error Summary Log

10/22/02

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

EDFRES: Error Summary Log

10/22/02

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	S20435101	CS	W	SW8021B	PR	04/25/02	1	AAATFBZME
Warning: extra parameter	S20435101	CS	W	SW8021B	PR	04/25/02	1	PHCG
Warning: extra parameter	S20435101	CS	W	SW8021B	PR	04/25/02	1	XYLENES
Warning: extra parameter	S20435102	CS	W	SW8021B	PR	04/25/02	1	AAATFBZME
Warning: extra parameter	S20435102	CS	W	SW8021B	PR	04/25/02	1	PHCG
Warning: extra parameter	S20435102	CS	W	SW8021B	PR	04/25/02	1	XYLENES
Warning: extra parameter	S20435103	CS	W	SW8021B	PR	04/25/02	1	AAATFBZME
Warning: extra parameter	S20435103	CS	W	SW8021B	PR	04/25/02	1	PHCG
Warning: extra parameter	S20435103	CS	W	SW8021B	PR	04/25/02	1	XYLENES
Warning: extra parameter	S20435104	CS	W	SW8021B	PR	04/25/02	1	AAATFBZME
Warning: extra parameter	S20435104	CS	W	SW8021B	PR	04/25/02	1	PHCG
Warning: extra parameter	S20435104	CS	W	SW8021B	PR	04/25/02	1	XYLENES
Warning: extra parameter	2040321BLK1	LB1	WQ	SW8021B	PR	04/25/02	1	AAATFBZME
Warning: extra parameter	2040321BLK1	LB1	WQ	SW8021B	PR	04/25/02	1	PHCG
Warning: extra parameter	2040321BLK1	LB1	WQ	SW8021B	PR	04/25/02	1	XYLENES
Warning: extra parameter	2040321BS1	BS1	WQ	SW8021B	PR	04/25/02	1	AAATFBZME
Warning: extra parameter	2040321BS1	BS1	WQ	SW8021B	PR	04/25/02	1	XYLENES
Warning: extra parameter	2040321BSD1	BD1	WQ	SW8021B	PR	04/25/02	1	AAATFBZME
Warning: extra parameter	2040321BSD1	BD1	WQ	SW8021B	PR	04/25/02	1	XYLENES

EDFQC: Error Summary Log

10/22/02

Error type	Lablotctl	Anmcode	Parlabel	Qccode	Labqcid
There are no errors in this data files					

EDFCL: Error Summary Log

10/22/02

Error type	Clrevdate	Anmcode	Exmcode	Parlabel	Clcode
There are no errors in this data file	/ /				

AB2886 Electronic Delivery

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Your EDF file has been succcessfully uploaded!

Confirmation Number: 6226269781
Date/Time of Submittal: 10/22/2002 5:23:03 PM
Facility Global ID: T0600100084
Facility Name: ARCO
Submittal Title: EDCC Report for #2162
Submittal Type: GW Monitoring Report

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UPLOADING A GEO_WELL FILE

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

Submittal Title:	**Geo Well Report for #2162**
Submittal Date/Time:	**10/22/2002 5:24:04 PM**
Confirmation Number:	**4350758194**

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