



Alameda County
FEB 11 2003
Environmental Health

LETTER OF TRANSMITTAL

February 7, 2003

TO: Ariu Levi
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

FROM: Henry Barrientos
URS Corporation
55 South Market Street, Suite 1500
San Jose, CA 95113

SUBJECT: Final Soil Sampling report for Arco Stations 2107

Enclosed you will find one copy of the Soil Sampling Report for the line/dispenser upgrade work performed at Arco Stations 2107 in Oakland, CA. Should you have any questions regarding this report please call me at 408-297-9585.

Regards,

Cc: Scott Robinson, URS
Paul Supple, BP
Keith Mathews, OFD



January 31, 2003

Mr. Keith Mathews
Oakland Fire Department
Hazardous Materials
1605 Martin Luther King Jr. Way
Oakland, CA 94612

**Re: Product Line Removal and Upgrade Soil Sampling Report
ARCO Service Station No. 2107
3310 Park Boulevard
Oakland, California
URS Project No. 38486013**

Dear Mr. Mathews:

URS Corporation (URS) has prepared this report on behalf of BP West Coast Products, LLC to document soil sampling conducted during the removal and replacement of product lines and dispensers only, at the site referenced above.

Site Background

The site is located at 3310 Park Boulevard, Oakland, California (Figures 1 and 2). Currently, the site is operated as an ARCO gasoline service station. The site is bound by East 34th Street to the north, Park Boulevard to the west, and commercial buildings to the south and east. The majority of the property is concrete and asphalt paved.

Current site structures include three double-walled fiberglass gasoline underground storage tanks (USTs), Two pump islands with eight dispensers, and a convenience store. Currently only quarterly groundwater monitoring is conducted at this site.

Soil Sampling – Dispensers and Line Sampling

During line upgrade and removal activities on October 18, 2002, all dispensers and related double walled fiberglass piping was removed by the contractor, B&M Construction. Prior to collecting soil samples, all sampling locations were reviewed, marked in the field, and approved by Mr. Keith Mathews with the City of Oakland Fire Department, Hazardous Materials. URS collected soil samples below each fuel dispenser, along the fuel-piping trenches, and along the UST vent lines (Figure 2).

Prior to sampling, URS personnel inspected the fuel and vent pipelines for any observable cracks or deterioration. In addition, sampling locations were inspected for any soil staining or hydrocarbon odor and field screened using a Photo Ionization Detector (PID) to help determine if volatile organic compounds were present. No observable cracks, deterioration or soil staining were detected.

Measurable PID readings were recorded at all the sampling locations. Sampling locations S-D7, S-D8, S-OE1 and S-L5 showed higher than average PID readings at 551, 485, 416 and 400 parts per million (ppm), respectively. Under URS direction, the contractor operated the backhoe bucket and excavated at the sampling locations to the specified depths. URS personnel collected soil samples using 4-inch long by 2-inch in diameter brass tubes pushed into the native soil. Samples were collected as follows:

- Eight soil samples (designated S-D1 through S-D8) were collected at depths varying between 3.5 feet and 5 feet blow ground surface (bgs) at the former dispenser locations (Figure 2).
- Six soil samples (designated S-L1 through S-L6) were collected at depths varying between 4 feet and 6.5 feet bgs at the former product line trenches (Figure 2).
- Two soil samples (designated as VP-1 and VP-2) were collected at 4 feet bgs at the former UST vent line locations (Figure 2).

Samples were submitted to a California State Certified laboratory, Sequoia Analytical Laboratory in Morgan Hill, California for analysis. Samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015B, benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tert-butyl ether (MTBE) by EPA Method 8260B, and for total lead by EPA Method 6000/7000.

With the exception of sampling locations S-D7, S-D8, S-L5, and S-L6, all soil samples reported non-detected (ND) for TPHg. TPHg concentrations for these samples ranged from 37 ppm to 4,000 ppm (at location S-D7). In addition, samples S-D7, S-D8 and S-L5 reported toluene, ethylbenzene and total xylene concentrations, with sample S-L2 reporting the only benzene hit at 0.89 ppm. All other sampling locations reported ND concentrations for BTEX. MTBE concentrations were reported at all sampling locations, except for S-D2, S-L5, VP-1 and VP-2, these concentrations ranged from 0.061 ppm to 83 ppm (Table 1).

Water sample T-1 was collected at 8 feet bgs from the area underneath Dispenser 8 (S-D8-5). TPHg was reported in this sample at a concentration of 4,200 parts per billion (ppb). MTBE was reported in this sample at a concentration of 4,900 ppb (Table 2).

During construction activities at the UST's, groundwater was encountered, extracted and stored on site in 3-6,900 gallon tanks, sampled (BT-1) and disposed of properly on --/02. The analytical results from this sample, reported ND concentrations for TPHg and BTEX. MTBE was reported at 1,800 ppm (Table 2).

During replacement of the secondary containment sumps at the UST's, it was reported that the sump for UST1 contained water with what appeared to be free product. URS personnel collected a water sample before dismantling the sump and submitted it for TPHg, BTEX and MTBE analysis (Sump-1). TPHg, BTEX and MTBE concentrations were reported at high concentrations, and most likely due to free product remaining in the sump (Table 2).

Soil Sampling Over-excavation

Over-excavation was performed by the contractor in between the two dispenser islands as instructed by URS personnel and the county inspector. Soil samples S-OE1, S-OE2, OE-3, and OE-4 were collected at 7 feet and 7.5 feet bgs on October 18 and 21, 2002, and analyzed for TPHg, BTEX, MTBE and total lead (Pb). TPHg was reported in samples S-OE1 and S-OE2 at concentrations of 2,200 ppm and 21 ppm, respectively. MTBE was reported in samples S-OE1 and S-OE2 at a concentration of 3.4 ppm, as well as Total Pb concentrations at 5.1 ppm and 8.1 ppm, respectively. Samples OE-3 and OE-4 reported ND concentrations for all these constituents (Table 3).

Stockpile Sampling and Disposal

The soil excavated during the removal and replacement of the product lines and dispensers was stockpiled separately from visually clean native soil designated as backfill.

Between October 29 and November 14, 2002, Dillard Environmental removed approximately 130 tons of soil and transported it to two California Class II landfills (Altamont Landfill and Forward Landfill). In addition, approximately 19,000 gallons of groundwater was pumped, stored, profiled and disposed-of between November 1 and 8, 2002. Groundwater was transported to Romic Environmental Technologies in Palo Alto, California, for processing. Copies of the Waste Manifests are presented in this report as listed below.

Field and laboratory procedures are presented in Attachment A. Laboratory analytical reports and chain-of-custody documentation is presented in Attachment B. Field Sampling Data Sheets are presented in Attachment C. Copies of the soil and water waste manifests are presented in Attachment D. The Unauthorized Release Report (URR), if warranted, is included in Attachment E.

Conclusions

Based on the analytical data collected during the product line and dispenser island upgrades URS concludes the following:

- All pre-existing double-walled fiberglass product lines and fuel dispensers were removed and replaced in approximately the same locations, backfilled with pea gravel, and paved with concrete.

- Due to MTBE contaminant concentration levels reported for the various soil samples, an Unauthorized Release Report was issued for this site on January 21, 2003.

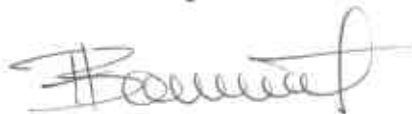
This report is based on data, site conditions, and other information that are generally applicable as of the date of the report, and the conclusions and recommendations herein are therefore applicable only to that time frame.

Background information, including but not limited to previous field measurements, site plans, and other data, has been furnished to URS by BP, its previous consultants, and/or third parties that URS has used in preparing this report. URS has relied on this information as furnished. URS is not responsible for nor has it confirmed the accuracy of this information.

If you have any questions or comments regarding this report, please contact Scott Robinson with URS at (510) 874-3280.

Sincerely,

URS Corporation



Henry Barrientos
Project Engineer



Scott Robinson
Project Manager

Table 1 – Line Upgrade Soil Analytical Data
Figure 1 - Site Location Map
Figure 2 - Site Map with Sample Locations

Attachment A - Field and Laboratory Procedures
Attachment B - Laboratory Analytical Laboratory Reports and Chain-of-Custody
Attachment C –Field Sampling Data Sheets
Attachment D –Waste Manifests
Attachment E –Unauthorized Release Report (if required)

cc: Mr. Paul Supple, Atlantic Richfield Company
Mr. Ariu Levi, Alameda County Environmental Health Services
Project and Chron files

Soil Water Analytical Data
ARCO Service Station 2107
 3310 Park Boulevard
 Oakland, California

TABLE 1
Dispenser and Product Line Soil Sample Results

Soil Sample ID	Sample Depth (feet)	Date Sampled	TPHg as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Xylenes (ppm)	MTBE (ppm)	Pb (ppm)
S-D1	4	10/18/02	ND<0.5	ND<1.8	ND<1.8	ND<1.8	ND<1.8	0.061	6.7
S-D2	4	10/18/02	ND<0.5	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<1.6	36
S-D3	3.5	10/18/02	ND<0.5	ND<0.78	ND<0.78	ND<0.78	ND<0.78	34	8.2
S-D4	3.5	10/18/02	ND<0.5	ND<1.1	ND<1.1	ND<1.1	ND<1.1	11	29
S-D5	5	10/18/02	ND<0.5	ND<0.98	ND<0.98	ND<0.98	ND<0.98	8.9	ND<5.0
S-D6	5	10/18/02	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	17	ND<5.0
S-D7	5	10/18/02	4,000	ND<10.0	220	150	1,100	19	7.6
S-D8	5	10/18/02	2,900	ND<10.0	52	46	400	6.7	8.9
S-L1	4.5	10/18/02	ND<0.5	ND<1.2	ND<1.2	ND<1.2	ND<1.2	19	ND<5.0
S-L2	4	10/18/02	ND<0.5	0.89	ND<0.62	ND<0.62	ND<0.62	19	ND<5.0
S-L3	4.5	10/18/02	ND<0.5	ND<1.0	ND<1.0	ND<1.0	2.3	83	10
S-L4	5	10/18/02	ND<0.5	ND<0.84	ND<0.84	ND<0.84	ND<0.84	37	ND<5.0
S-L5	5	10/18/02	450	ND<2.5	3.4	4.9	44	ND<1.2	ND<5.0
S-L6	6.5	10/18/02	37	ND<0.79	ND<0.79	ND<0.79	ND<0.79	0.099	6.7
VP-1	4	10/21/02	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.025	-
VP-2	4	10/21/02	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.025	-

TABLE 2
Groundwater Sample Results

Water Sample ID	Sample Depth (feet)	Date Sampled	TPHg as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MTBE (ppb)
T-1	7.5	10/21/02	4,200	300	3,200	1,300	11,000	4,900
BT-1	N/A	10/18/02	ND<1000	ND<25	ND<25	ND<25	ND<25	1,800
Sump-1	N/A	10/18/02	640,000,000	4,000,000	70,000,000	170,000,000	990,000,000	53,000,000

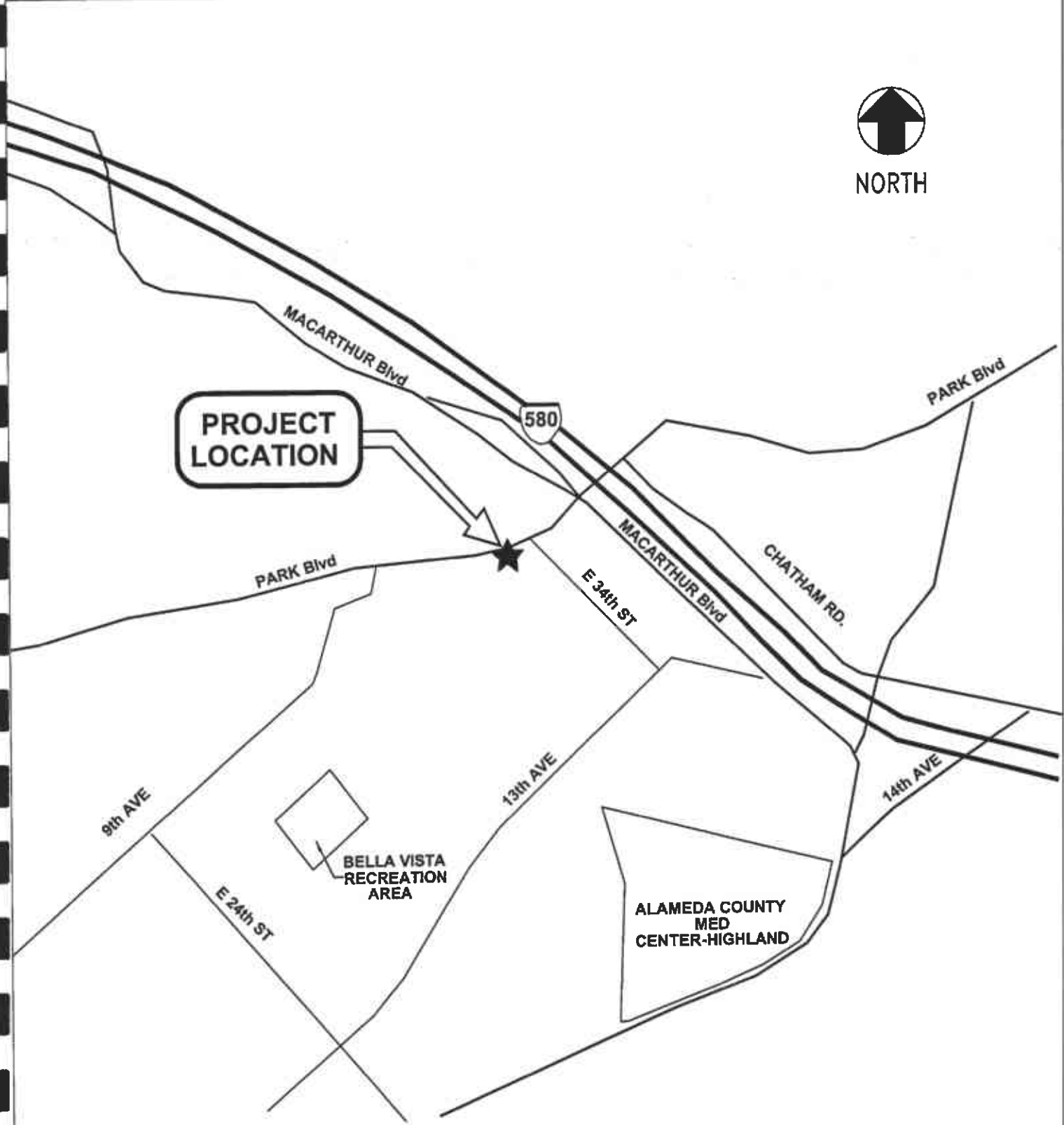
TABLE 3
Over-excavation Sample Results

Soil Sample ID	Sample Depth (feet)	Date Sampled	TPHg as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Xylenes (ppm)	MTBE (ppm)	Pb (ppm)
S-OE1	7.5	10/18/02	2,200	ND<2.5	7.9	7.1	40	3.4	5.5
S-OE2	7.5	10/18/02	21	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.4	8.1
OE-3	7	10/21/02	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.025	-
OE-4	7	10/21/02	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.025	-

TPH = Total purgeable petroleum hydrocarbons using EPA Method 8015, modified.
 BTEX = Benzene, toluene, ethylbenzene, total xylenes using EPA Method 8021B.
 MTBE = Methyl Tertiary Butyl Ether.
 ppb = Parts per billion.
 ppm = Parts per million.
 ND< = Less than stated laboratory detection limit.



NORTH



**PROJECT
LOCATION**

580

MACARTHUR Blvd

PARK Blvd

PARK Blvd

E 34th ST

CHATHAM RD.

9th AVE

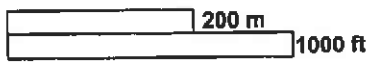
13th AVE

14th AVE

E 24th ST

BELLA VISTA
RECREATION
AREA

ALAMEDA COUNTY
MED
CENTER-HIGHLAND



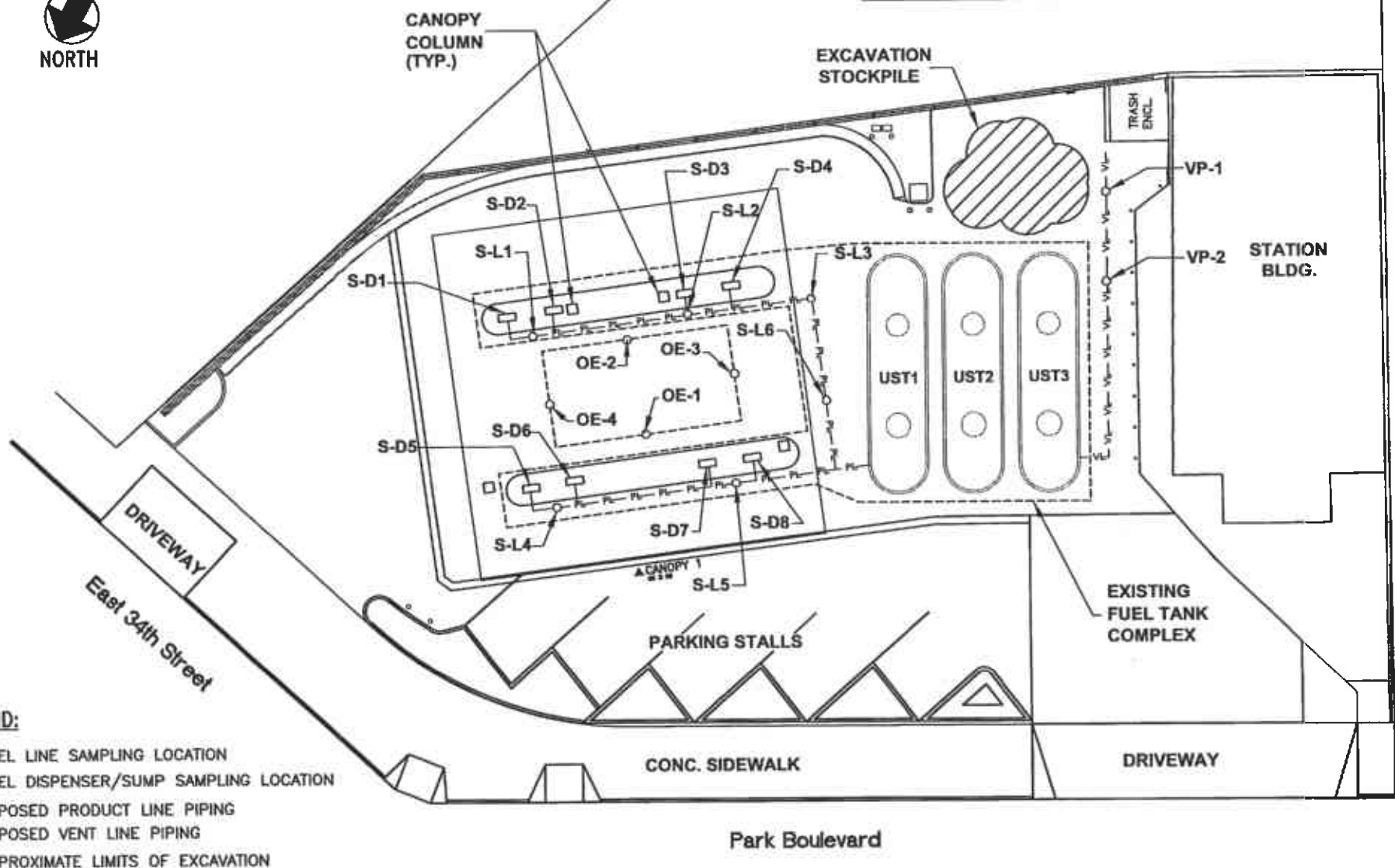
URS

Project No. 38486013






ARCO Service Station 2107
3310 Park Boulevard
Oakland, California

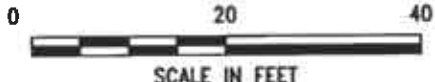
SITE LOCATION MAP


Figure
1



LEGEND:

-  L1 FUEL LINE SAMPLING LOCATION
-  D1 FUEL DISPENSER/SUMP SAMPLING LOCATION
-  EXPOSED PRODUCT LINE PIPING
-  EXPOSED VENT LINE PIPING
-  APPROXIMATE LIMITS OF EXCAVATION



	Project No. 38486013	SOIL SAMPLING LOCATION PLAN	Figure 2
	ARCO Service Station 2107 3310 Park Boulevard Oakland, California		

ATTACHMENT A
FIELD AND LABORATORY PROCEDURES

Attachment A

Field and Laboratory Procedures

Soil Sampling

Soil samples were collected by advancing a 4-inch long by 2-inch in diameter brass sample liners into undisturbed soil. Soil samples for chemical analysis were retained in the brass liners, capped with Teflon sheets and plastic end caps, and labeled. The samples were then placed on ice, and transported to the laboratory accompanied by the appropriate chain-of-custody documentation.

Laboratory Analysis of Soil Samples

Soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) by EPA Method 8015B. For benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tert-butyl ether (MTBE), and total lead (Pb) by EPA Methods 8260B and 6000/7000, respectively.

ATTACHMENT B

**LABORATORY ANALYTICAL LABORATORY REPORTS AND
CHAIN-OF-CUSTODY DOCUMENTATION**



**Sequoia
Analytical**

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

8 November, 2002

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

RE: ARCO #2107, Oakland, CA
Sequoia Report: MLJ0581

Enclosed are the results of analyses for samples received by the laboratory on 10/18/02 19:35. 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

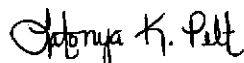
Project: ARCO #2107, Oakland, CA
Project Number: Arco #2107, Oakland, CA
Project Manager: Scott Robinson

Reported:
11/08/02 13:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sump-1	MLJ0581-01	Water	10/18/02 13:00	10/18/02 19:35
S-D4-3.5	MLJ0581-02	Soil	10/18/02 13:30	10/18/02 19:35
S-D3-3.5	MLJ0581-03	Soil	10/18/02 13:30	10/18/02 19:35
S-D2-4	MLJ0581-04	Soil	10/18/02 13:40	10/18/02 19:35
S-D1-4	MLJ0581-05	Soil	10/18/02 13:40	10/18/02 19:35
S-D5-5	MLJ0581-06	Soil	10/18/02 14:05	10/18/02 19:35
S-D6-5	MLJ0581-07	Soil	10/18/02 14:10	10/18/02 19:35
S-L1-4.5	MLJ0581-08	Soil	10/18/02 13:40	10/18/02 19:35
S-L2- 4	MLJ0581-09	Soil	10/18/02 13:30	10/18/02 19:35
S-L3- 4.5	MLJ0581-10	Soil	10/18/02 13:30	10/18/02 19:35
S-L4- 5	MLJ0581-11	Soil	10/18/02 14:15	10/18/02 19:35
S-L-6.5	MLJ0581-12	Soil	10/18/02 14:55	10/18/02 19:35

Sequoia Analytical - Morgan Hill



Latonya Pelt, Project Manager

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.



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

Project: ARCO #2107, Oakland, CA
Project Number: Arco #2107, Oakland, CA
Project Manager: Scott Robinson

Reported:
11/08/02 13:05

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sump-1 (MLJ0581-01) Water Sampled: 10/18/02 13:00 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	640000000	50000000	ug/l	1000000	2J23004	10/23/02	10/23/02	8015Bm	HC-21
Surrogate: a,a,a-Trifluorotoluene		226 %	55-142		"	"	"	"	S-02
S-D4-3.5 (MLJ0581-02) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2K05004	11/05/02	11/05/02	8015Bm	HT-04
Surrogate: a,a,a-Trifluorotoluene		97.5 %	64-145		"	"	"	"	HT-04
Surrogate: 4-Bromofluorobenzene		66.5 %	41-173		"	"	"	"	HT-04
S-D3-3.5 (MLJ0581-03) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2K05004	11/05/02	11/05/02	8015Bm	HT-04
Surrogate: a,a,a-Trifluorotoluene		94.5 %	64-145		"	"	"	"	HT-04
Surrogate: 4-Bromofluorobenzene		72.5 %	41-173		"	"	"	"	HT-04
S-D2-4 (MLJ0581-04) Soil Sampled: 10/18/02 13:40 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2K05004	11/05/02	11/06/02	8015Bm	HT-04
Surrogate: a,a,a-Trifluorotoluene		73.5 %	64-145		"	"	"	"	HT-04
Surrogate: 4-Bromofluorobenzene		66.5 %	41-173		"	"	"	"	HT-04
S-D1-4 (MLJ0581-05) Soil Sampled: 10/18/02 13:40 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2K07004	11/07/02	11/07/02	8015Bm	HT-04
Surrogate: a,a,a-Trifluorotoluene		97.5 %	64-145		"	"	"	"	HT-04
Surrogate: 4-Bromofluorobenzene		81.0 %	41-173		"	"	"	"	HT-04
S-D5-5 (MLJ0581-06) Soil Sampled: 10/18/02 14:05 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2K07004	11/07/02	11/07/02	8015Bm	HT-04
Surrogate: a,a,a-Trifluorotoluene		76.5 %	64-145		"	"	"	"	HT-04
Surrogate: 4-Bromofluorobenzene		69.5 %	41-173		"	"	"	"	HT-04



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

Project: ARCO #2107, Oakland, CA
 Project Number: Arco #2107, Oakland, CA
 Project Manager: Scott Robinson

Reported:
 11/08/02 13:05

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-D6-5 (MLJ0581-07) Soil Sampled: 10/18/02 14:10 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2K07004	11/07/02	11/07/02	8015Bm	HT-04
Surrogate: a,a,a-Trifluorotoluene		82.0 %	64-145		"	"	"	"	HT-04
Surrogate: 4-Bromofluorobenzene		83.5 %	41-173		"	"	"	"	HT-04
S-L1-4.5 (MLJ0581-08) Soil Sampled: 10/18/02 13:40 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2K07004	11/07/02	11/07/02	8015Bm	HT-04
Surrogate: a,a,a-Trifluorotoluene		89.0 %	64-145		"	"	"	"	HT-04
Surrogate: 4-Bromofluorobenzene		72.0 %	41-173		"	"	"	"	HT-04
S-L2-4 (MLJ0581-09) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2K07004	11/07/02	11/07/02	8015Bm	HT-04
Surrogate: a,a,a-Trifluorotoluene		78.0 %	64-145		"	"	"	"	HT-04
Surrogate: 4-Bromofluorobenzene		83.5 %	41-173		"	"	"	"	HT-04
S-L3-4.5 (MLJ0581-10) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2K07004	11/07/02	11/07/02	8015Bm	HT-04
Surrogate: a,a,a-Trifluorotoluene		83.0 %	64-145		"	"	"	"	HT-04
Surrogate: 4-Bromofluorobenzene		75.5 %	41-173		"	"	"	"	HT-04
S-L4-5 (MLJ0581-11) Soil Sampled: 10/18/02 14:15 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2K07004	11/07/02	11/07/02	8015Bm	HT-04
Surrogate: a,a,a-Trifluorotoluene		85.5 %	64-145		"	"	"	"	HT-04
Surrogate: 4-Bromofluorobenzene		78.5 %	41-173		"	"	"	"	HT-04
S-L-6.5 (MLJ0581-12) Soil Sampled: 10/18/02 14:55 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	37	20	mg/kg	20	2K07024	11/07/02	11/07/02	8015Bm	HC-12,HT-04
Surrogate: a,a,a-Trifluorotoluene		87.5 %	64-145		"	"	"	"	HT-04
Surrogate: 4-Bromofluorobenzene		1220 %	41-173		"	"	"	"	HT-04



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

Project: ARCO #2107, Oakland, CA
Project Number: Arco #2107, Oakland, CA
Project Manager: Scott Robinson

Reported:
11/08/02 13:05

**MTBE by EPA Method 8260B
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sump-1 (MLJ0581-01) Water Sampled: 10/18/02 13:00 Received: 10/18/02 19:35									
Methyl tert-butyl ether	53000000	1000000	ug/l	2000000	2K01008	11/01/02	11/01/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	78-129		"	"	"	"	
S-D4-3.5 (MLJ0581-02) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Methyl tert-butyl ether	11	0.81	ug/kg	300000471	2J22043	10/22/02	10/23/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		111 %	60-140		"	"	"	"	
S-D3-3.5 (MLJ0581-03) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Methyl tert-butyl ether	34	1.3	ug/kg	30000858	2J22043	10/22/02	10/23/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	60-140		"	"	"	"	
S-D2-4 (MLJ0581-04) Soil Sampled: 10/18/02 13:40 Received: 10/18/02 19:35									
Methyl tert-butyl ether	ND	1.6	ug/kg	39999809	2J22043	10/22/02	10/23/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	60-140		"	"	"	"	
S-D1-4 (MLJ0581-05) Soil Sampled: 10/18/02 13:40 Received: 10/18/02 19:35									
Methyl tert-butyl ether	0.061	0.025	mg/kg	1	2K01037	11/01/02	11/01/02	EPA 8260B	O-10
Surrogate: 1,2-Dichloroethane-d4		101 %	60-140		"	"	"	"	
S-D5-5 (MLJ0581-06) Soil Sampled: 10/18/02 14:05 Received: 10/18/02 19:35									
Methyl tert-butyl ether	8.9	0.98	ug/kg	30000381	2J22043	10/22/02	10/23/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	60-140		"	"	"	"	
S-D6-5 (MLJ0581-07) Soil Sampled: 10/18/02 14:10 Received: 10/18/02 19:35									
Methyl tert-butyl ether	17	1.0	ug/kg	2	2J22043	10/22/02	10/23/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	60-140		"	"	"	"	

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 Project Manager: Scott Robinson

 Reported:
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MTBE by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-L1-4,5 (MLJ0581-08) Soil Sampled: 10/18/02 13:40 Received: 10/18/02 19:35									
Methyl tert-butyl ether	19	0.74	ug/kg	00000190	2J23006	10/23/02	10/23/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	60-140		"	"	"	"	
S-L2- 4 (MLJ0581-09) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Methyl tert-butyl ether	19	0.62	ug/kg	1.25	2J23006	10/23/02	10/23/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	60-140		"	"	"	"	
S-L3- 4,5 (MLJ0581-10) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Methyl tert-butyl ether	83	1.0	ug/kg	99999332	2J22043	10/22/02	10/23/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	60-140		"	"	"	"	
S-L4- 5 (MLJ0581-11) Soil Sampled: 10/18/02 14:15 Received: 10/18/02 19:35									
Methyl tert-butyl ether	37	0.84	ug/kg	99999570	2J22043	10/22/02	10/23/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	60-140		"	"	"	"	
S-L-6.5 (MLJ0581-12) Soil Sampled: 10/18/02 14:55 Received: 10/18/02 19:35									
Methyl tert-butyl ether	0.099	0.025	mg/kg	1	2J25015	10/25/02	11/01/02	EPA 8260B	O-10
Surrogate: 1,2-Dichloroethane-d4		106 %	60-140		"	"	"	"	



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Project Number: Arco #2107, Oakland, CA
Project Manager: Scott Robinson

Reported:
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BTEX by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sump-1 (MLJ0581-01) Water Sampled: 10/18/02 13:00 Received: 10/18/02 19:35									
Benzene	4000000	1000000	ug/l	2000000	2K01008	11/01/02	11/01/02	EPA 8260B	
Toluene	70000000	1000000	"	"	"	"	"	"	
Ethylbenzene	17000000	1000000	"	"	"	"	"	"	
Xylenes (total)	99000000	1000000	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %		78-129	"	"	"	"	



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Reported:
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Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-D4-3.5 (MLJ0581-02) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Lead	29	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	
S-D3-3.5 (MLJ0581-03) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Lead	8.2	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	
S-D2-4 (MLJ0581-04) Soil Sampled: 10/18/02 13:40 Received: 10/18/02 19:35									
Lead	36	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	
S-D1-4 (MLJ0581-05) Soil Sampled: 10/18/02 13:40 Received: 10/18/02 19:35									
Lead	6.7	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	
S-D5-5 (MLJ0581-06) Soil Sampled: 10/18/02 14:05 Received: 10/18/02 19:35									
Lead	ND	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	
S-D6-5 (MLJ0581-07) Soil Sampled: 10/18/02 14:10 Received: 10/18/02 19:35									
Lead	ND	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	
S-L1-4.5 (MLJ0581-08) Soil Sampled: 10/18/02 13:40 Received: 10/18/02 19:35									
Lead	ND	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	
S-L2- 4 (MLJ0581-09) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Lead	ND	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	
S-L3- 4.5 (MLJ0581-10) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Lead	10	5.0	mg/kg	1	2J23040	10/23/02	10/25/02	EPA 6010B	



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Reported:
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**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-L-4-5 (MLJ0581-11) Soil Sampled: 10/18/02 14:15 Received: 10/18/02 19:35									
Lead	ND	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	
S-L-6.5 (MLJ0581-12) Soil Sampled: 10/18/02 14:55 Received: 10/18/02 19:35									
Lead	6.7	5.0	mg/kg	1	2J23040	10/23/02	10/25/02	EPA 6010B	

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-D4-3.5 (MLJ0581-02) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Total Xylenes	ND	1.1	ug/kg	999989501	2J28036	10/28/02	10/29/02	EPA 8260B	
Benzene	ND	1.1	"	"	"	"	"	"	
Ethylbenzene	ND	1.1	"	"	"	"	"	"	
Toluene	ND	1.1	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		110 %	60-140	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	60-140	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		89.0 %	60-140	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	60-140	"	"	"	"	"	
S-D3-3.5 (MLJ0581-03) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Total Xylenes	ND	0.78	ug/kg	99999427	2J28036	10/28/02	10/29/02	EPA 8260B	
Benzene	ND	0.78	"	"	"	"	"	"	
Ethylbenzene	ND	0.78	"	"	"	"	"	"	
Toluene	ND	0.78	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		107 %	60-140	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	60-140	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		87.8 %	60-140	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.8 %	60-140	"	"	"	"	"	
S-D2-4 (MLJ0581-04) Soil Sampled: 10/18/02 13:40 Received: 10/18/02 19:35									
Total Xylenes	ND	1.6	ug/kg	99999809	2J22043	10/22/02	10/23/02	EPA 8260B	
Benzene	ND	1.6	"	"	"	"	"	"	
Ethylbenzene	5.4	1.6	"	"	"	"	"	"	
Toluene	ND	1.6	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		105 %	60-140	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.8 %	60-140	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		135 %	60-140	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		114 %	60-140	"	"	"	"	"	

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 Project Manager: Scott Robinson

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-DJ-4 (MLJ0581-05) Soil Sampled: 10/18/02 13:40 Received: 10/18/02 19:35									
Total Xylenes	ND	1.8	ug/kg		99998855: 2J22043	10/22/02	10/23/02	EPA 8260B	
Benzene	ND	1.8	"	"	"	"	"	"	
Ethylbenzene	ND	1.8	"	"	"	"	"	"	
Toluene	ND	1.8	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		89.6 %	60-140		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.2 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		87.6 %	60-140		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	60-140		"	"	"	"	
S-D5-5 (MLJ0581-06) Soil Sampled: 10/18/02 14:05 Received: 10/18/02 19:35									
Total Xylenes	ND	0.98	ug/kg		00000381: 2J22043	10/22/02	10/23/02	EPA 8260B	
Benzene	ND	0.98	"	"	"	"	"	"	
Ethylbenzene	ND	0.98	"	"	"	"	"	"	
Toluene	ND	0.98	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		95.0 %	60-140		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.6 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		84.8 %	60-140		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		104 %	60-140		"	"	"	"	
S-D6-5 (MLJ0581-07) Soil Sampled: 10/18/02 14:10 Received: 10/18/02 19:35									
Total Xylenes	ND	1.0	ug/kg	2	2J22043	10/22/02	10/23/02	EPA 8260B	
Benzene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		103 %	60-140		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		90.4 %	60-140		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.0 %	60-140		"	"	"	"	

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 Project Number: Arco #2107, Oakland, CA
 Project Manager: Scott Robinson

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-L1-4.5 (MLJ0581-08) Soil Sampled: 10/18/02 13:40 Received: 10/18/02 19:35									
Total Xylenes	ND	1.2	ug/kg	30000190	2J23006	10/23/02	10/23/02	EPA 8260B	
Benzene	ND	1.2	"	"	"	"	"	"	
Ethylbenzene	ND	1.2	"	"	"	"	"	"	
Toluene	ND	1.2	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		100 %	60-140		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		86.4 %	60-140		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	60-140		"	"	"	"	
S-L2-4 (MLJ0581-09) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Total Xylenes	0.89	0.62	ug/kg	1.25	2J23006	10/23/02	10/23/02	EPA 8260B	
Benzene	ND	0.62	"	"	"	"	"	"	
Ethylbenzene	ND	0.62	"	"	"	"	"	"	
Toluene	ND	0.62	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		96.6 %	60-140		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.2 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		82.2 %	60-140		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		119 %	60-140		"	"	"	"	
S-L3-4.5 (MLJ0581-10) Soil Sampled: 10/18/02 13:30 Received: 10/18/02 19:35									
Total Xylenes	ND	1.0	ug/kg	99999332	2J22043	10/22/02	10/23/02	EPA 8260B	
Benzene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Toluene	2.3	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		127 %	60-140		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.0 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		88.8 %	60-140		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		107 %	60-140		"	"	"	"	

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-L-5 (MLJ0581-11) Soil Sampled: 10/18/02 14:15 Received: 10/18/02 19:35									
Total Xylenes	ND	0.84	ug/kg	99999570:	2J22043	10/22/02	10/23/02	EPA 8260B	
Benzene	ND	0.84	"	"	"	"	"	"	
Ethylbenzene	ND	0.84	"	"	"	"	"	"	
Toluene	ND	0.84	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		95.8 %	60-140		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.0 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		114 %	60-140		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %	60-140		"	"	"	"	
S-L-6.5 (MLJ0581-12) Soil Sampled: 10/18/02 14:55 Received: 10/18/02 19:35									
Total Xylenes	ND	0.79	ug/kg	00000429:	2J22043	10/22/02	10/23/02	EPA 8260B	
Benzene	ND	0.79	"	"	"	"	"	"	
Ethylbenzene	ND	0.79	"	"	"	"	"	"	
Toluene	ND	0.79	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		97.0 %	60-140		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	60-140		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		114 %	60-140		"	"	"	"	

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**Physical Parameters by APHA/ASTM/EPA Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sump-1 (MLJ0581-01) Water Sampled: 10/18/02 13:00 Received: 10/18/02 19:35									
Flashpoint	15	4.0	°C	1	2J23025	10/23/02	10/23/02	EPA 1010	



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Reported:
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Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2J23004 - EPA 5030B [P/T]

Blank (2J23004-BLK1)

Prepared & Analyzed: 10/23/02

Gasoline Range Organics (C6-C10)	ND	50	ug/l							
Surrogate: a,a,a-Trifluorotoluene	10.3		"	10.0		103	55-142			

LCS (2J23004-BS2)

Prepared & Analyzed: 10/23/02

Gasoline Range Organics (C6-C10)	241	50	ug/l	250		96.4	62-134			
Surrogate: a,a,a-Trifluorotoluene	13.4		"	10.0		134	55-142			

Matrix Spike (2J23004-MS1)

Source: MLJ0624-01

Prepared & Analyzed: 10/23/02

Gasoline Range Organics (C6-C10)	564	50	ug/l	550	ND	103	62-134			
Surrogate: a,a,a-Trifluorotoluene	16.4		"	10.0		164	55-142			QM-07

Matrix Spike Dup (2J23004-MSD1)

Source: MLJ0624-01

Prepared & Analyzed: 10/23/02

Gasoline Range Organics (C6-C10)	544	50	ug/l	550	ND	98.9	62-134	3.61	41	
Surrogate: a,a,a-Trifluorotoluene	10.1		"	10.0		101	55-142			

Batch 2K05004 - EPA 5030B [P/T]

Blank (2K05004-BLK1)

Prepared & Analyzed: 11/05/02

Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	0.0164		"	0.0200		82.0	64-145			
Surrogate: 4-Bromofluorobenzene	0.0137		"	0.0200		68.5	41-173			

LCS (2K05004-BS2)

Prepared & Analyzed: 11/05/02

Gasoline Range Organics (C6-C10)	0.840	0.50	mg/kg	1.00		84.0	63-143			
Surrogate: a,a,a-Trifluorotoluene	0.0259		"	0.0200		130	64-145			
Surrogate: 4-Bromofluorobenzene	0.0192		"	0.0200		96.0	41-173			

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Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2K05004 - EPA 5030B [P/T]
Matrix Spike (2K05004-MS1) Source: MLJ0808-02 Prepared & Analyzed: 11/05/02

Gasoline Range Organics (C6-C10)	0.710	0.50	mg/kg	1.10	ND	64.5	63-143		
Surrogate: a,a,a-Trifluorotoluene	0.0237		"	0.0200		118	64-145		
Surrogate: 4-Bromofluorobenzene	0.0164		"	0.0200		82.0	41-173		

Matrix Spike Dup (2K05004-MSD1) Source: MLJ0808-02 Prepared & Analyzed: 11/05/02

Gasoline Range Organics (C6-C10)	0.782	0.50	mg/kg	1.10	ND	71.1	63-143	9.65	21
Surrogate: a,a,a-Trifluorotoluene	0.0253		"	0.0200		126	64-145		
Surrogate: 4-Bromofluorobenzene	0.0181		"	0.0200		90.5	41-173		

Batch 2K07004 - EPA 5030B [P/T]
Blank (2K07004-BLK1) Prepared & Analyzed: 11/07/02

Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg						
Surrogate: a,a,a-Trifluorotoluene	0.0185		"	0.0200		92.5	64-145		
Surrogate: 4-Bromofluorobenzene	0.0165		"	0.0200		82.5	41-173		

LCS (2K07004-BS1) Prepared & Analyzed: 11/07/02

Gasoline Range Organics (C6-C10)	0.852	0.50	mg/kg	1.00		85.2	63-143		
Surrogate: a,a,a-Trifluorotoluene	0.0279		"	0.0200		140	64-145		
Surrogate: 4-Bromofluorobenzene	0.0180		"	0.0200		90.0	41-173		

Batch 2K07024 - EPA 5030B [P/T]
Blank (2K07024-BLK1) Prepared & Analyzed: 11/07/02

Gasoline Range Organics (C6-C10)	ND	1.0	mg/kg						
Surrogate: a,a,a-Trifluorotoluene	0.188		"	0.200		94.0	64-145		
Surrogate: 4-Bromofluorobenzene	0.228		"	0.200		114	41-173		



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Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2K07024 - EPA 5030B [P/T]

LCS (2K07024-BS2)

Prepared & Analyzed: 11/07/02

Gasoline Range Organics (C6-C10)	5.43	1.0	mg/kg	5.00		109	63-143			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.172		"	0.200		86.0	64-145			
Surrogate: 4-Bromofluorobenzene	0.205		"	0.200		102	41-173			



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**MTBE 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 2J22043 - EPA 5035										
Blank (2J22043-BLK1) Prepared & Analyzed: 10/22/02										
Methyl tert-butyl ether	ND	0.50	ug/kg							
Surrogate: 1,2-Dichloroethane-d4	5.11		"	5.00		102	60-140			
LCS (2J22043-BS1) Prepared & Analyzed: 10/22/02										
Methyl tert-butyl ether	10.8	0.50	ug/kg	10.0		108	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.83		"	5.00		96.6	60-140			
Matrix Spike (2J22043-MS1) Source: MLJ0584-09 Prepared & Analyzed: 10/22/02										
Methyl tert-butyl ether	9.64	0.50	ug/kg	10.0	ND	96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	4.54		"	5.00		90.8	60-140			
Matrix Spike Dup (2J22043-MSD1) Source: MLJ0584-09 Prepared & Analyzed: 10/22/02										
Methyl tert-butyl ether	11.2	0.50	ug/kg	10.0	ND	112	70-130	15.0	25	
Surrogate: 1,2-Dichloroethane-d4	4.91		"	5.00		98.2	60-140			
Batch 2J23006 - EPA 5035										
Blank (2J23006-BLK1) Prepared & Analyzed: 10/23/02										
Methyl tert-butyl ether	ND	0.50	ug/kg							
Surrogate: 1,2-Dichloroethane-d4	4.96		"	5.00		99.2	60-140			
LCS (2J23006-BS1) Prepared & Analyzed: 10/23/02										
Methyl tert-butyl ether	10.3	0.50	ug/kg	10.0		103	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.76		"	5.00		95.2	60-140			
LCS (2J23006-BS2) Prepared & Analyzed: 10/23/02										
Methyl tert-butyl ether	5.72	0.50	ug/kg	8.40		68.1	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.85		"	5.00		97.0	60-140			

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MTBE by EPA Method 8260B - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2J23006 - EPA 5035										
Matrix Spike (2J23006-MS1)		Source: MLJ0581-08		Prepared & Analyzed: 10/23/02						
Methyl tert-butyl ether	24.2	1.0	ug/kg	16.8	19	31.0	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	4.91		"	5.00		98.2	60-140			
Matrix Spike Dup (2J23006-MSD1)		Source: MLJ0581-08		Prepared & Analyzed: 10/23/02						
Methyl tert-butyl ether	28.6	1.1	ug/kg	18.1	19	53.0	70-130	16.7	25	QM-07
Surrogate: 1,2-Dichloroethane-d4	4.94		"	5.00		98.8	60-140			
Batch 2J25015 - EPA 5030B MeOH										
Blank (2J25015-BLK1)		Prepared & Analyzed: 10/25/02								
Methyl tert-butyl ether	ND	0.025	mg/kg							O-10
Surrogate: 1,2-Dichloroethane-d4	0.00484		"	0.00500		96.8	60-140			
LCS (2J25015-BS1)		Prepared & Analyzed: 10/25/02								
Methyl tert-butyl ether	1.28	0.025	mg/kg	1.00		128	60-140			O-10
Surrogate: 1,2-Dichloroethane-d4	0.00479		"	0.00500		95.8	60-140			
LCS Dup (2J25015-BSD1)		Prepared & Analyzed: 10/25/02								
Methyl tert-butyl ether	1.11	0.025	mg/kg	1.00		111	60-140	14.2	11	O-10,QR-02
Surrogate: 1,2-Dichloroethane-d4	0.00461		"	0.00500		92.2	60-140			
Batch 2K01008 - EPA 5030B P/T										
Blank (2K01008-BLK1)		Prepared & Analyzed: 11/01/02								
Methyl tert-butyl ether	ND	0.50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	4.64		"	5.00		92.8	78-129			



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MTBE by EPA Method 8260B - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2K01008 - EPA 5030B P/T										
LCS (2K01008-BS1) Prepared & Analyzed: 11/01/02										
Methyl tert-butyl ether	8.36	0.50	ug/l	10.0		83.6	63-137			
Surrogate: 1,2-Dichloroethane-d4	4.56		"	5.00		91.2	78-129			
LCS Dup (2K01008-BSD1) Prepared & Analyzed: 11/01/02										
Methyl tert-butyl ether	8.77	0.50	ug/l	10.0		87.7	63-137	4.79	13	
Surrogate: 1,2-Dichloroethane-d4	4.42		"	5.00		88.4	78-129			
Batch 2K01037 - EPA 5030B MeOH										
Blank (2K01037-BLK1) Prepared & Analyzed: 11/01/02										
Methyl tert-butyl ether	ND	0.025	mg/kg							O-10
Surrogate: 1,2-Dichloroethane-d4	0.00502		"	0.00500		100	60-140			
LCS (2K01037-BS1) Prepared: 11/01/02 Analyzed: 11/02/02										
Methyl tert-butyl ether	0.751	0.025	mg/kg	1.00		75.1	60-140			O-10
Surrogate: 1,2-Dichloroethane-d4	0.00502		"	0.00500		100	60-140			
Matrix Spike (2K01037-MS1) Source: MLJ0581-05 Prepared: 11/01/02 Analyzed: 11/02/02										
Methyl tert-butyl ether	0.748	0.025	mg/kg	1.00	0.061	68.7	70-130			O-10, QM-07
Surrogate: 1,2-Dichloroethane-d4	0.00475		"	0.00500		95.0	60-140			
Matrix Spike Dup (2K01037-MSD1) Source: MLJ0581-05 Prepared: 11/01/02 Analyzed: 11/02/02										
Methyl tert-butyl ether	0.784	0.025	mg/kg	1.00	0.061	72.3	70-130	4.70	25	O-10
Surrogate: 1,2-Dichloroethane-d4	0.00483		"	0.00500		96.6	60-140			



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**BTEX 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 2K01008 - EPA 5030B P/T										
Blank (2K01008-BLK1) Prepared & Analyzed: 11/01/02										
Benzene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.64		"	5.00		92.8	78-129			
LCS (2K01008-BS1) Prepared & Analyzed: 11/01/02										
Benzene	9.05	0.50	ug/l	10.0		90.5	78-124			
Toluene	9.35	0.50	"	10.0		93.5	78-129			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.56		"	5.00		91.2	78-129			
LCS Dup (2K01008-BSD1) Prepared & Analyzed: 11/01/02										
Benzene	9.26	0.50	ug/l	10.0		92.6	78-124	2.29	12	
Toluene	9.84	0.50	"	10.0		98.4	78-129	5.11	10	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.42		"	5.00		88.4	78-129			



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Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2J23040 - EPA 3050B										
Blank (2J23040-BLK1) Prepared: 10/23/02 Analyzed: 10/24/02										
Lead	ND	5.0	mg/kg							
LCS (2J23040-BS1) Prepared: 10/23/02 Analyzed: 10/24/02										
Lead	48.5	5.0	mg/kg	50.0		97.0	86-118			
Matrix Spike (2J23040-MS1) Source: MLJ0443-41 Prepared: 10/23/02 Analyzed: 10/25/02										
Lead	66.8	10	mg/kg	50.0	17	99.6	86-118			R-01
Matrix Spike Dup (2J23040-MSD1) Source: MLJ0443-41 Prepared: 10/23/02 Analyzed: 10/25/02										
Lead	67.2	10	mg/kg	50.0	17	100	86-118	0.597	34	



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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
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Batch 2J22043 - EPA 5035

Blank (2J22043-BLK1)

Prepared & Analyzed: 10/22/02

Total Xylenes	ND	0.50	ug/kg							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Surrogate: Dibromofluoromethane	4.94		"	5.00		98.8	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.11		"	5.00		102	60-140			
Surrogate: Toluene-d8	4.09		"	5.00		81.8	60-140			
Surrogate: 4-Bromofluorobenzene	4.86		"	5.00		97.2	60-140			

LCS (2J22043-BS1)

Prepared & Analyzed: 10/22/02

Benzene	9.32	0.50	ug/kg	10.0		93.2	60-140			
Toluene	8.99	0.50	"	10.0		89.9	60-140			
Surrogate: Dibromofluoromethane	5.09		"	5.00		102	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.83		"	5.00		96.6	60-140			
Surrogate: Toluene-d8	4.29		"	5.00		85.8	60-140			
Surrogate: 4-Bromofluorobenzene	5.10		"	5.00		102	60-140			

Matrix Spike (2J22043-MS1)

Source: MLJ0584-09

Prepared & Analyzed: 10/22/02

Benzene	8.65	0.50	ug/kg	10.0	ND	83.4	60-140			
Toluene	8.41	0.50	"	10.0	ND	84.1	60-140			
Surrogate: Dibromofluoromethane	4.86		"	5.00		97.2	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.54		"	5.00		90.8	60-140			
Surrogate: Toluene-d8	4.36		"	5.00		87.2	60-140			
Surrogate: 4-Bromofluorobenzene	5.51		"	5.00		110	60-140			

Matrix Spike Dup (2J22043-MSD1)

Source: MLJ0584-09

Prepared & Analyzed: 10/22/02

Benzene	10.1	0.50	ug/kg	10.0	ND	97.9	60-140	15.5	25	
Toluene	9.66	0.50	"	10.0	ND	96.6	60-140	13.8	25	
Surrogate: Dibromofluoromethane	5.25		"	5.00		105	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.91		"	5.00		98.2	60-140			
Surrogate: Toluene-d8	4.66		"	5.00		93.2	60-140			
Surrogate: 4-Bromofluorobenzene	5.04		"	5.00		101	60-140			

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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.

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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
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Batch 2J23006 - EPA 5035
Blank (2J23006-BLK1)

Prepared & Analyzed: 10/23/02

Total Xylenes	ND	0.50	ug/kg							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
<i>Surrogate: Dibromofluoromethane</i>	4.85		"	5.00		97.0	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.96		"	5.00		99.2	60-140			
<i>Surrogate: Toluene-d8</i>	4.20		"	5.00		84.0	60-140			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.14		"	5.00		103	60-140			

LCS (2J23006-BS1)

Prepared & Analyzed: 10/23/02

Benzene	9.62	0.50	ug/kg	10.0		96.2	60-140			
Toluene	9.05	0.50	"	10.0		90.5	60-140			
<i>Surrogate: Dibromofluoromethane</i>	5.02		"	5.00		100	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.76		"	5.00		95.2	60-140			
<i>Surrogate: Toluene-d8</i>	4.26		"	5.00		85.2	60-140			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.44		"	5.00		109	60-140			

LCS (2J23006-BS2)

Prepared & Analyzed: 10/23/02

Benzene	5.24	0.50	ug/kg	5.28		99.2	60-140			
Toluene	30.2	0.50	"	31.8		95.0	60-140			
<i>Surrogate: Dibromofluoromethane</i>	4.98		"	5.00		99.6	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.85		"	5.00		97.0	60-140			
<i>Surrogate: Toluene-d8</i>	4.29		"	5.00		85.8	60-140			
<i>Surrogate: 4-Bromofluorobenzene</i>	4.81		"	5.00		96.2	60-140			

Matrix Spike (2J23006-MS1)

Source: MLJ0581-08

Prepared & Analyzed: 10/23/02

Benzene	7.96	1.0	ug/kg	10.6	ND	75.1	60-140			
Toluene	49.5	1.0	"	63.5	ND	78.0	60-140			
<i>Surrogate: Dibromofluoromethane</i>	5.05		"	5.00		101	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.91		"	5.00		98.2	60-140			
<i>Surrogate: Toluene-d8</i>	4.81		"	5.00		96.2	60-140			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.67		"	5.00		113	60-140			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2J23006 - EPA 5035
Matrix Spike Dup (2J23006-MSD1)

Source: MLJ0581-08

Prepared & Analyzed: 10/23/02

Benzene	8.49	1.1	ug/kg	11.4	ND	74.5	60-140	6.44	25	
Toluene	50.5	1.1	"	68.4	ND	73.8	60-140	2.00	25	
Surrogate: Dibromofluoromethane	4.96		"	5.00		99.2	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.94		"	5.00		98.8	60-140			
Surrogate: Toluene-d8	4.63		"	5.00		92.6	60-140			
Surrogate: 4-Bromofluorobenzene	5.28		"	5.00		106	60-140			

Batch 2J28036 - EPA 5035
Blank (2J28036-BLK1)

Prepared & Analyzed: 10/28/02

Total Xylenes	ND	0.50	ug/kg							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Surrogate: Dibromofluoromethane	5.05		"	5.00		101	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.00		"	5.00		100	60-140			
Surrogate: Toluene-d8	4.00		"	5.00		80.0	60-140			
Surrogate: 4-Bromofluorobenzene	5.33		"	5.00		107	60-140			

LCS (2J28036-BS1)

Prepared & Analyzed: 10/28/02

Benzene	9.86	0.50	ug/kg	10.0		98.6	60-140			
Toluene	9.09	0.50	"	10.0		90.9	60-140			
Surrogate: Dibromofluoromethane	5.45		"	5.00		109	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.94		"	5.00		98.8	60-140			
Surrogate: Toluene-d8	4.19		"	5.00		83.8	60-140			
Surrogate: 4-Bromofluorobenzene	5.32		"	5.00		106	60-140			



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**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
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Batch 2J28036 - EPA 5035

LCS (2J28036-BS2)

Prepared: 10/28/02 Analyzed: 10/29/02

Benzene	5.19	0.50	ug/kg	5.28		98.3	60-140			
Toluene	27.6	0.50	"	31.8		86.8	60-140			
Surrogate: Dibromofluoromethane	4.92		"	5.00		98.4	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.00		"	5.00		100	60-140			
Surrogate: Toluene-d8	4.01		"	5.00		80.2	60-140			
Surrogate: 4-Bromofluorobenzene	4.98		"	5.00		99.6	60-140			

LCS Dup (2J28036-BSD1)

Prepared & Analyzed: 10/28/02

Benzene	10.6	0.50	ug/kg	10.0		106	60-140	7.23	25	
Toluene	10.2	0.50	"	10.0		102	60-140	11.5	25	
Surrogate: Dibromofluoromethane	5.65		"	5.00		113	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.13		"	5.00		103	60-140			
Surrogate: Toluene-d8	4.41		"	5.00		88.2	60-140			
Surrogate: 4-Bromofluorobenzene	4.85		"	5.00		97.0	60-140			

Matrix Spike (2J28036-MS1)

Source: MLJ0673-10

Prepared: 10/28/02 Analyzed: 10/29/02

Benzene	17.7	1.6	ug/kg	17.1	ND	104	60-140			
Toluene	93.2	1.6	"	103	ND	90.5	60-140			
Surrogate: Dibromofluoromethane	4.94		"	5.00		98.8	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.10		"	5.00		102	60-140			
Surrogate: Toluene-d8	4.14		"	5.00		82.8	60-140			
Surrogate: 4-Bromofluorobenzene	4.82		"	5.00		96.4	60-140			

Matrix Spike Dup (2J28036-MSD1)

Source: MLJ0673-10

Prepared: 10/28/02 Analyzed: 10/29/02

Benzene	14.6	1.4	ug/kg	14.9	ND	98.0	60-140	19.2	25	
Toluene	80.3	1.4	"	89.7	ND	89.5	60-140	14.9	25	
Surrogate: Dibromofluoromethane	4.78		"	5.00		95.6	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.82		"	5.00		96.4	60-140			
Surrogate: Toluene-d8	4.32		"	5.00		86.4	60-140			
Surrogate: 4-Bromofluorobenzene	5.54		"	5.00		111	60-140			



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

Project: ARCO #2107, Oakland, CA
Project Number: Arco #2107, Oakland, CA
Project Manager: Scott Robinson

Reported:
11/08/02 13:05

**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2J23025 - General Preparation										
Blank (2J23025-BLK1)										
					Prepared & Analyzed: 10/23/02					
Flashpoint	100	4.0	°C							A-01
LCS (2J23025-BS1)										
					Prepared & Analyzed: 10/23/02					
Flashpoint	30.0	4.0	°C				0-200			A-02
Duplicate (2J23025-DUP1)										
					Source: MLJ0629-02 Prepared & Analyzed: 10/23/02					
Flashpoint	12.0	4.0	°C		13			8.00	20	



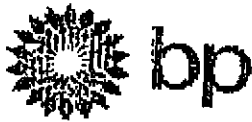
URS Corporation
500 12th Street, Suite 100
Oakland CA, 94607

Project: ARCO #2107, Oakland, CA
Project Number: Arco #2107, Oakland, CA
Project Manager: Scott Robinson

Reported:
11/08/02 13:05

Notes and Definitions

- A-01 Water is not an ignitable solvent.
- A-02 Acceptance limits: 28-30 degree C
- HC-12 Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
- HC-21 Chromatogram Pattern: Gasoline C6-C10
- HT-04 This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
- O-10 The result was reported with a possible low bias due to the continuing calibration verification falling outside the acceptance criteria.
- 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.
- R-01 The reporting limit for this analyte has been raised to account for matrix interference.
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- 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



3-DAY TURN AROUND

Chain of Custody Record

Project Name Station 276 - 10600 MacArthur Blvd., Oakland, CA 94605
 Business Unit Bp West Coast Products LLC

Date: 10-18-02

BP Laboratory Contract Number: 4 0 0 6 2 1 1 2 4
 Requested Due Date: 10-25-02
 (mm/dd/yy - List date 2 weeks from sampling date) MLJ0581

On-site Time: <u>10:00 AM</u>	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Send To:
 Lab Name: Sequoia Analytical
 Lab Address: S85 Jarvis Drive
Morgan Hill, CA
 Lab PM: Latorya Pell
 Tele/Fax: 408-782-8154/408-782-6303
 Report Type & QC Level: Normal
 BP/GEM Account No.:
 Lab Bottle Order No:

BP/GEM Facility No.: Station 2107
 BP/GEM Facility Address: 3310 Park Blvd., Oakland, CA 94610
 Site ID No. Station 2107
 California Global ID #:
 BP/GEM PM Contact: Paul Supple
 Address: P.O. Box 6549, Moraga, CA 94570
 Tele/Fax: 925-299-8891/925-299-8872

Consultant: URS Oakland
 Address: 500 12th Street, #200
Oakland, CA 94607
 e-mail EDD: Henry.Barrantes@URSCorp.com
 Consultant Project No.:
 Consultant Tele/Fax: 510-893-3600
 Consultant PM: Scott Robinson
 Invoice to: BP West Coast Products
 BP/GEM Work Release No:

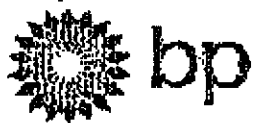
Item No.	Field Point ID	Sample ID	Time	Matrix				Laboratory No.	No. of containers	Preservatives				Requested Analysis						Sample Point Lat/Long and Comments			
				Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	TVH-g (8015)	BTEX (8260)	MTBE (8260)	Fuel Oxygenates	Motor Oil	CHLORIDE LEAD (Pb)		TPH-g (8015)	FLASH POINT	
1	✓	S-DMP-1	1:00 PM	X				01	4														
2	✓	S-D436	1:30 PM	X				02	1	X													
3	✓	S-D 335	1:50 PM	X				03	1	X													
4	✓	S-D 24	1:40 PM	X				04	1	X													
5	✓	S-D 1-4	1:30 PM	X				05	1	X													
6	✓	S-D 5-5	2:05 PM	X				06	1	X													
7	✓	S-D 6-5	2:10 PM	X				07	1	X													
8		S-D 7	2:15 PM	X					1	X													
9		S-D 8	2:20 PM	X					1	X													
10		S-D 9	2:25 PM	X					1	X													

Sampler's Name: STACY BALL
 Sampler's Company: URS Oakland
 Shipment Date:
 Shipment Method: Hand Deliver
 Shipment Tracking No:
 Special Instructions: CAP 2002

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
			<i>[Signature]</i>	<u>10/18/02</u>	<u>1935</u>

Sturdy Seals In Place Yes No Temperature Blank Yes No Cooler Temperature on Receipt °F/C Trip Blank Yes No

X:_EMM_WASTE\BP GEMO FOLDER\CHAIN OF CUSTODY FOR VSCOTT'S SITE.XLS07/1/2002



Chain of Custody Record

Project Name Station 276 - 10600 MacArthur Blvd., Oakland, CA 94605
Business Unit Bp West Coast Products LLC
BP Laboratory Contract Number: 4 0 0 6 2 1 1 2 4

Date: 10-18-02

Requested Due Date: 10-25-02
 (mm/dd/yy - List date 2 weeks from sampling date) ML30581

On-site Time: <u>10:00AM</u>	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Send To:	BP/GEM Facility No.: Station 2107	Consultant: URS Oakland
Lab Name: Sequoia Analytical	BP/GEM Facility Address: 5310 Park Blvd., Oakland, CA 94619	Address: 500 12th Street, #200
Lab Address: 885 Jarvis Drive	Site ID No. Station 2107	Oakland, CA 94607
Morgan Hill, CA	California Global ID #:	e-mail EDD: Henry_Barrientos@URSCorp.com
	BP/GEM PM Contact: Paul Supple	Consultant Project No.:
Lab PM: Latonya Pelt	Address: P.O. Box 6549, Moraga, CA 94570	Consultant Tele/Fax: 510-893-3600
Tele/Fax: 408-782-8154/408-782-6308	Tele/Fax: 925-299-8891/925-299-8872	Consultant PM: Scott Robinson
Report Type & QC Level: Normal		Invoice to: BP West Coast Products
BP/GEM Account No.:		BP/GEM Work Release No.:

Item No.	Field Point ID	Sample ID	Time	Matrix				Laboratory No.	No. of containers	Preservatives			Requested Analysis						Sample Point Lat/Long and Comments		
				Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	TPH-g (8015)	BTEX (8260)	MTBH (8260)	Fuel Oxygenates	Motor Oil		Asph (8260)	TPH-g (8015)
1	✓ S-L 1-45'	1:40PM	1:40PM	X				08	1	X				X	X	X		X			
2	✓ S-L 2-45'	1:30PM	1:30PM	X				09	1	X				X	X	X		X			
3	✓ S-L 3-45'	1:30PM	1:30PM	X				10	1	X				X	X	X		X			
4	✓ S-L 45'	2:15PM	2:15PM	X				11	1	X				X	X	X		X			
5	S-L 5-45'	2:15PM	2:15PM	X					1	X				X	X	X		X			
6	✓ S-L 65'	2:35PM	2:35PM	X				12	1	X				X	X	X		X			
7																					
8																					
9																					
10																					

Sampler's Name: <u>STACY BALL</u>	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: URS Oakland		<u>10/18/02</u>	<u>1935</u>	<u>[Signature]</u>	<u>10/18/02</u>	<u>1935</u>
Shipment Date:						
Shipment Method: Hand Deliver						
Shipment Tracking No.:						

Special Instructions: CAP 2002

Study Seals In Place Yes No Temperature Blank Yes No Cooler Temperature on Receipt °F/C Trip Blank Yes No X



**Sequoia
Analytical**

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

6 November, 2002

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

RE: ARCO #2107, Oakland, CA
Sequoia Report: MLJ0563 RECREATE

Enclosed are the results of analyses for samples received by the laboratory on 10/18/02 19:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tim Costello For Latonya Pelt
Project Manager

CA ELAP Certificate #1210



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

Project: ARCO #2107, Oakland, CA
Project Number: ARCO #2107, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/23/02 17:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BT-1	MLJ0563-01	Water	10/18/02 15:00	10/18/02 19:35
S-D7-5	MLJ0563-02	Soil	10/18/02 14:45	10/18/02 19:35
S-D8-5	MLJ0563-03	Soil	10/18/02 14:25	10/18/02 19:35
S-L5-5	MLJ0563-04	Soil	10/18/02 14:50	10/18/02 19:35
S-OE1-7.5	MLJ0563-05	Soil	10/18/02 16:30	10/18/02 19:35
S-OE2-7.5	MLJ0563-06	Soil	10/18/02 17:00	10/18/02 19:35

Sequoia Analytical - Morgan Hill

Tim Costello For Latonya Pelt, Project Manager

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.



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

Project: ARCO #2107, Oakland, CA
Project Number: ARCO #2107, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/23/02 17:58

**Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BT-1 (MLJ0563-01) Water Sampled: 10/18/02 15:00 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	ND	1000	ug/l	20	2J22002	10/22/02	10/22/02	8015Bm	R-05
Surrogate: a,a,a-Trifluorotoluene		89.3 %	55-142		"	"	"	"	
S-D7-5 (MLJ0563-02) Soil Sampled: 10/18/02 14:45 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	4000	250	mg/kg	250	2J22004	10/22/02	10/22/02	8015Bm	HC-21
Surrogate: a,a,a-Trifluorotoluene		151 %	64-145		"	"	"	"	S-02
Surrogate: 4-Bromofluorobenzene		4240 %	41-173		"	"	"	"	S-01
S-D8-5 (MLJ0563-03) Soil Sampled: 10/18/02 14:25 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	2900	200	mg/kg	200	2J22004	10/22/02	10/22/02	8015Bm	HC-21
Surrogate: a,a,a-Trifluorotoluene		128 %	64-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		3320 %	41-173		"	"	"	"	S-01
S-L5-5 (MLJ0563-04) Soil Sampled: 10/18/02 14:50 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	450	50	mg/kg	50	2J22004	10/22/02	10/22/02	8015Bm	HC-21
Surrogate: a,a,a-Trifluorotoluene		102 %	64-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		540 %	41-173		"	"	"	"	S-01
S-OE1-7.5 (MLJ0563-05) Soil Sampled: 10/18/02 16:30 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	2200	200	mg/kg	200	2J22004	10/22/02	10/22/02	8015Bm	HC-21
Surrogate: a,a,a-Trifluorotoluene		118 %	64-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		2120 %	41-173		"	"	"	"	S-01
S-OE2-7.5 (MLJ0563-06) Soil Sampled: 10/18/02 17:00 Received: 10/18/02 19:35									
Gasoline Range Organics (C6-C10)	21	10	mg/kg	10	2J22004	10/22/02	10/22/02	8015Bm	HC-21
Surrogate: a,a,a-Trifluorotoluene		104 %	64-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		442 %	41-173		"	"	"	"	S-01



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

Project: ARCO #2107, Oakland, CA
 Project Number: ARCO #2107, Oakland, CA
 Project Manager: Scott Robinson

Reported:
 10/23/02 17:58

MTBE by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BT-1 (MLJ0563-01) Water Sampled: 10/18/02 15:00 Received: 10/18/02 19:35									
Methyl tert-butyl ether	2800	50	ug/l	100	2J23013	10/22/02	10/23/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		109 %	78-129		"	"	"	"	
S-D7-5 (MLJ0563-02) Soil Sampled: 10/18/02 14:45 Received: 10/18/02 19:35									
Methyl tert-butyl ether	19	5.0	mg/kg	200	2J22042	10/22/02	10/22/02	EPA 8260B	O-10
Surrogate: 1,2-Dichloroethane-d4		96.0 %	60-140		"	"	"	"	
S-D8-5 (MLJ0563-03) Soil Sampled: 10/18/02 14:25 Received: 10/18/02 19:35									
Methyl tert-butyl ether	6.7	5.0	mg/kg	200	2J22042	10/22/02	10/22/02	EPA 8260B	O-10
Surrogate: 1,2-Dichloroethane-d4		109 %	60-140		"	"	"	"	
S-L5-5 (MLJ0563-04) Soil Sampled: 10/18/02 14:50 Received: 10/18/02 19:35									
Methyl tert-butyl ether	ND	1.2	mg/kg	50	2J22042	10/22/02	10/22/02	EPA 8260B	O-10
Surrogate: 1,2-Dichloroethane-d4		113 %	60-140		"	"	"	"	
S-OE1-7.5 (MLJ0563-05) Soil Sampled: 10/18/02 16:30 Received: 10/18/02 19:35									
Methyl tert-butyl ether	3.4	1.2	mg/kg	50	2J22042	10/22/02	10/22/02	EPA 8260B	O-10
Surrogate: 1,2-Dichloroethane-d4		104 %	60-140		"	"	"	"	
S-OE2-7.5 (MLJ0563-06) Soil Sampled: 10/18/02 17:00 Received: 10/18/02 19:35									
Methyl tert-butyl ether	3.4	0.25	mg/kg	10	2J22042	10/22/02	10/22/02	EPA 8260B	O-10
Surrogate: 1,2-Dichloroethane-d4		105 %	60-140		"	"	"	"	

Sequoia Analytical - Morgan Hill

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

 Project: ARCO #2107, Oakland, CA
 Project Number: ARCO #2107, Oakland, CA
 Project Manager: Scott Robinson

 Reported:
 10/23/02 17:58

BTEX by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BT-1 (MLJ0563-01) Water Sampled: 10/18/02 15:00 Received: 10/18/02 19:35									R-05
Benzene	ND	25	ug/l	50	2J22024	10/21/02	10/22/02	EPA 8260B	
Toluene	ND	25	"	"	"	"	"	"	
Ethylbenzene	ND	25	"	"	"	"	"	"	
Total Xylenes	ND	25	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		117 %	78-129		"	"	"	"	
S-D7-5 (MLJ0563-02) Soil Sampled: 10/18/02 14:45 Received: 10/18/02 19:35									
Benzene	ND	10	mg/kg	200	2J22042	10/22/02	10/22/02	EPA 8260B	
Toluene	220	10	"	"	"	"	"	"	
Ethylbenzene	150	10	"	"	"	"	"	"	
Total Xylenes	1100	10	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	60-140		"	"	"	"	
S-D8-5 (MLJ0563-03) Soil Sampled: 10/18/02 14:25 Received: 10/18/02 19:35									
Benzene	ND	10	mg/kg	200	2J22042	10/22/02	10/22/02	EPA 8260B	
Toluene	52	10	"	"	"	"	"	"	
Ethylbenzene	46	10	"	"	"	"	"	"	
Total Xylenes	400	10	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	60-140		"	"	"	"	
S-L5-5 (MLJ0563-04) Soil Sampled: 10/18/02 14:50 Received: 10/18/02 19:35									
Benzene	ND	2.5	mg/kg	50	2J22042	10/22/02	10/22/02	EPA 8260B	
Toluene	3.4	2.5	"	"	"	"	"	"	
Ethylbenzene	4.9	2.5	"	"	"	"	"	"	
Total Xylenes	44	2.5	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	60-140		"	"	"	"	



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

Project: ARCO #2107, Oakland, CA
Project Number: ARCO #2107, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/23/02 17:58

BTEX by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-OE1-7.5 (MLJ0563-05) Soil Sampled: 10/18/02 16:30 Received: 10/18/02 19:35									
Benzene	ND	2.5	mg/kg	50	2J22042	10/22/02	10/22/02	EPA 8260B	
Toluene	7.9	2.5	"	"	"	"	"	"	
Ethylbenzene	7.1	2.5	"	"	"	"	"	"	
Total Xylenes	40	2.5	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	60-140		"	"	"	"	
S-OE2-7.5 (MLJ0563-06) Soil Sampled: 10/18/02 17:00 Received: 10/18/02 19:35									
Benzene	ND	0.50	mg/kg	10	2J22042	10/22/02	10/22/02	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Total Xylenes	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	60-140		"	"	"	"	



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

Project: ARCO #2107, Oakland, CA
Project Number: ARCO #2107, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/23/02 17:58

Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-D7-5 (MLJ0563-02) Soil Sampled: 10/18/02 14:45 Received: 10/18/02 19:35									
Mercury	0.0080	0.0050	mg/kg	1	2J22028	10/22/02	10/22/02	EPA 7471A	
Antimony	ND	5.0	"	"	2J22025	10/22/02	10/22/02	EPA 6010B	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	29	5.0	"	"	"	"	"	"	
Beryllium	0.14	0.10	"	"	"	"	"	"	
Cadmium	ND	0.20	"	"	"	"	"	"	
Chromium	24	5.0	"	"	"	"	"	"	
Cobalt	5.0	0.50	"	"	"	"	"	"	
Copper	5.8	4.0	"	"	"	"	"	"	
Lead	7.6	5.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	25	5.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	ND	0.10	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	21	5.0	"	"	"	"	"	"	
Zinc	42	5.0	"	"	"	"	"	"	

S-D8-5 (MLJ0563-03) Soil Sampled: 10/18/02 14:25 Received: 10/18/02 19:35									
Mercury	ND	0.0050	mg/kg	1	2J22028	10/22/02	10/22/02	EPA 7471A	
Antimony	ND	5.0	"	"	2J22025	10/22/02	10/22/02	EPA 6010B	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	93	5.0	"	"	"	"	"	"	
Beryllium	0.32	0.10	"	"	"	"	"	"	
Cadmium	0.24	0.20	"	"	"	"	"	"	
Chromium	26	5.0	"	"	"	"	"	"	
Cobalt	10	0.50	"	"	"	"	"	"	
Copper	39	4.0	"	"	"	"	"	"	
Lead	8.9	5.0	"	"	"	"	10/23/02	"	
Molybdenum	ND	1.0	"	"	"	"	10/22/02	"	
Nickel	30	5.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	0.10	0.10	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	28	5.0	"	"	"	"	"	"	
Zinc	42	5.0	"	"	"	"	"	"	

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Project: ARCO #2107, Oakland, CA
Project Number: ARCO #2107, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/23/02 17:58

Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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S-L5-5 (MLJ0563-04) Soil Sampled: 10/18/02 14:50 Received: 10/18/02 19:35

Mercury	0.0057	0.0050	mg/kg	1	2J22028	10/22/02	10/22/02	EPA 7471A	
Antimony	ND	5.0	"	"	2J22025	10/22/02	10/22/02	EPA 6010B	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	16	5.0	"	"	"	"	"	"	
Beryllium	0.12	0.10	"	"	"	"	"	"	
Cadmium	ND	0.20	"	"	"	"	"	"	
Chromium	24	5.0	"	"	"	"	"	"	
Cobalt	4.4	0.50	"	"	"	"	"	"	
Copper	ND	4.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	23	5.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	ND	0.10	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	21	5.0	"	"	"	"	"	"	
Zinc	18	5.0	"	"	"	"	"	"	

S-OE1-7.5 (MLJ0563-05) Soil Sampled: 10/18/02 16:30 Received: 10/18/02 19:35

Mercury	0.026	0.0050	mg/kg	1	2J22028	10/22/02	10/22/02	EPA 7471A	
Antimony	ND	5.0	"	"	2J22025	10/22/02	10/22/02	EPA 6010B	
Arsenic	ND	5.0	"	"	"	"	10/23/02	"	
Barium	91	5.0	"	"	"	"	10/22/02	"	
Beryllium	0.28	0.10	"	"	"	"	"	"	
Cadmium	ND	0.20	"	"	"	"	"	"	
Chromium	27	5.0	"	"	"	"	"	"	
Cobalt	7.4	0.50	"	"	"	"	"	"	
Copper	12	4.0	"	"	"	"	"	"	
Lead	5.5	5.0	"	"	"	"	10/23/02	"	
Molybdenum	ND	1.0	"	"	"	"	10/22/02	"	
Nickel	31	5.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	ND	0.10	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	25	5.0	"	"	"	"	"	"	
Zinc	29	5.0	"	"	"	"	"	"	

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Reported:
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**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-OE2-7.5 (MLJ0563-06) Soil Sampled: 10/18/02 17:00 Received: 10/18/02 19:35									
Mercury	0.032	0.0050	mg/kg	1	2122028	10/22/02	10/22/02	EPA 7471A	
Antimony	ND	5.0	"	"	2122025	10/22/02	10/22/02	EPA 6010B	
Arsenic	ND	5.0	"	"	"	"	10/23/02	"	
Barium	77	5.0	"	"	"	"	10/22/02	"	
Beryllium	0.26	0.10	"	"	"	"	"	"	
Cadmium	ND	0.20	"	"	"	"	"	"	
Chromium	33	5.0	"	"	"	"	"	"	
Cobalt	5.7	0.50	"	"	"	"	"	"	
Copper	15	4.0	"	"	"	"	"	"	
Lead	8.1	5.0	"	"	"	"	10/23/02	"	
Molybdenum	ND	1.0	"	"	"	"	10/22/02	"	
Nickel	35	5.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	ND	0.10	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	28	5.0	"	"	"	"	"	"	
Zinc	34	5.0	"	"	"	"	"	"	



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Reported:
10/23/02 17:58

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2J22002 - EPA 5030B [P/T]										
Blank (2J22002-BLK1) Prepared & Analyzed: 10/22/02										
Gasoline Range Organics (C6-C10)	ND	50	ug/l							
Surrogate: a,a,a-Trifluorotoluene	9.90		"	10.0		99.0	55-142			
LCS (2J22002-BS2) Prepared & Analyzed: 10/22/02										
Gasoline Range Organics (C6-C10)	223	50	ug/l	250		89.2	62-134			
Surrogate: a,a,a-Trifluorotoluene	10.2		"	10.0		102	55-142			
LCS Dup (2J22002-BSD2) Prepared & Analyzed: 10/22/02										
Gasoline Range Organics (C6-C10)	241	50	ug/l	250		96.4	62-134	7.76	41	
Surrogate: a,a,a-Trifluorotoluene	9.28		"	10.0		92.8	55-142			
Batch 2J22004 - EPA 5030B [P/T]										
Blank (2J22004-BLK1) Prepared & Analyzed: 10/22/02										
Gasoline Range Organics (C6-C10)	ND	1.0	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	0.214		"	0.200		107	64-145			
Surrogate: 4-Bromofluorobenzene	0.203		"	0.200		102	41-173			
LCS (2J22004-BS1) Prepared & Analyzed: 10/22/02										
Gasoline Range Organics (C6-C10)	5.43	1.0	mg/kg	5.00		109	63-143			
Surrogate: a,a,a-Trifluorotoluene	0.323		"	0.200		162	64-145			S-02
Surrogate: 4-Bromofluorobenzene	0.176		"	0.200		88.0	41-173			
LCS Dup (2J22004-BSD1) Prepared & Analyzed: 10/22/02										
Gasoline Range Organics (C6-C10)	5.42	1.0	mg/kg	5.00		108	63-143	0.184	21	
Surrogate: a,a,a-Trifluorotoluene	0.289		"	0.200		144	64-145			
Surrogate: 4-Bromofluorobenzene	0.152		"	0.200		76.0	41-173			

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Reported:
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**MTBE 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 2J22042 - EPA 5030B MeOH										
Blank (2J22042-BLK1) Prepared & Analyzed: 10/22/02										
Methyl tert-butyl ether	ND	0.025	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.00498		"	0.00500		99.6	60-140			
LCS (2J22042-BS1) Prepared & Analyzed: 10/22/02										
Methyl tert-butyl ether	0.691	0.025	mg/kg	1.00		69.1	60-140			
Surrogate: 1,2-Dichloroethane-d4	0.00456		"	0.00500		91.2	60-140			
LCS Dup (2J22042-BSD1) Prepared & Analyzed: 10/22/02										
Methyl tert-butyl ether	0.775	0.025	mg/kg	1.00		77.5	60-140	11.5	11	QR-02
Surrogate: 1,2-Dichloroethane-d4	0.00450		"	0.00500		90.0	60-140			
Batch 2J23013 - EPA 5030B P/T										
Blank (2J23013-BLK1) Prepared & Analyzed: 10/22/02										
Methyl tert-butyl ether	ND	0.50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	5.87		"	5.00		117	78-129			
LCS (2J23013-BS1) Prepared & Analyzed: 10/22/02										
Methyl tert-butyl ether	8.49	0.50	ug/l	10.0		84.9	63-137			
Surrogate: 1,2-Dichloroethane-d4	4.58		"	5.00		91.6	78-129			
LCS Dup (2J23013-BSD1) Prepared & Analyzed: 10/22/02										
Methyl tert-butyl ether	9.49	0.50	ug/l	10.0		94.9	63-137	11.1	13	
Surrogate: 1,2-Dichloroethane-d4	4.34		"	5.00		86.8	78-129			



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BTEX 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
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Batch 2J22024 - EPA 5030B P/T

Blank (2J22024-BLK1)

Prepared: 10/21/02 Analyzed: 10/22/02

Benzene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Total Xylenes	ND	0.50	"							

Surrogate: 1,2-Dichloroethane-d4

6.09 " 5.00 122 78-129

LCS (2J22024-BS1)

Prepared: 10/21/02 Analyzed: 10/22/02

Benzene	9.14	0.50	ug/l	10.0		91.4	78-124			
Toluene	9.82	0.50	"	10.0		98.2	78-129			
Surrogate: 1,2-Dichloroethane-d4	4.58		"	5.00		91.6	78-129			

LCS Dup (2J22024-BSD1)

Prepared: 10/21/02 Analyzed: 10/22/02

Benzene	9.30	0.50	ug/l	10.0		93.0	78-124	1.74	12	
Toluene	10.1	0.50	"	10.0		101	78-129	2.81	10	
Surrogate: 1,2-Dichloroethane-d4	4.42		"	5.00		88.4	78-129			

Batch 2J22042 - EPA 5030B MeOH

Blank (2J22042-BLK1)

Prepared & Analyzed: 10/22/02

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	"							
Ethylbenzene	ND	0.050	"							
Total Xylenes	ND	0.050	"							

Surrogate: 1,2-Dichloroethane-d4

0.00498 " 0.00500 99.6 60-140

LCS (2J22042-BS1)

Prepared & Analyzed: 10/22/02

Benzene	1.16	0.050	mg/kg	1.25		92.8	60-140			
Toluene	1.25	0.050	"	1.25		100	60-140			
Surrogate: 1,2-Dichloroethane-d4	0.00456		"	0.00500		91.2	60-140			



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**BTEX 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
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Batch 2J22042 - EPA 5030B MeOH

LCS Dup (2J22042-BSD1)

Prepared & Analyzed: 10/22/02

Benzene	1.37	0.050	mg/kg	1.25		110	60-140	16.6	25	
Toluene	1.47	0.050	"	1.25		118	60-140	16.2	25	
Surrogate: 1,2-Dichloroethane-d4	0.00450		"	0.00500		90.0	60-140			

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Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2J22025 - EPA 3050B
Blank (2J22025-BLK1)

Prepared & Analyzed: 10/22/02

Antimony	ND	5.0	mg/kg							
Arsenic	ND	5.0	"							
Barium	ND	5.0	"							
Beryllium	ND	0.10	"							
Cadmium	ND	0.20	"							
Chromium	ND	5.0	"							
Cobalt	ND	0.50	"							
Copper	ND	4.0	"							
Lead	ND	5.0	"							
Molybdenum	ND	1.0	"							
Nickel	ND	5.0	"							
Selenium	ND	5.0	"							
Silver	ND	0.10	"							
Thallium	ND	5.0	"							
Vanadium	ND	5.0	"							
Zinc	ND	5.0	"							

LCS (2J22025-BS1)

Prepared & Analyzed: 10/22/02

Antimony	46.7	5.0	mg/kg	50.0		93.4	83-113			
Arsenic	47.9	5.0	"	50.0		95.8	87-117			
Barium	48.0	5.0	"	50.0		96.0	86-111			
Beryllium	48.6	0.10	"	50.0		97.2	93-121			
Cadmium	47.1	0.20	"	50.0		94.2	87-114			
Chromium	47.9	5.0	"	50.0		95.8	90-114			
Cobalt	48.1	0.50	"	50.0		96.2	90-116			
Copper	47.8	4.0	"	50.0		95.6	87-113			
Lead	48.4	5.0	"	50.0		96.8	86-118			
Molybdenum	48.4	1.0	"	50.0		96.8	88-114			
Nickel	51.0	5.0	"	50.0		102	90-115			
Selenium	47.2	5.0	"	50.0		94.4	86-117			
Silver	47.2	0.10	"	50.0		94.4	85-113			
Thallium	48.2	5.0	"	50.0		96.4	86-112			
Vanadium	47.9	5.0	"	50.0		95.8	90-113			
Zinc	48.6	5.0	"	50.0		97.2	88-118			

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 10/23/02 17:58

Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2J22025 - EPA 3050B
Matrix Spike (2J22025-MS1)

Source: MLJ0491-01

Prepared & Analyzed: 10/22/02

Antimony	ND	5.0	mg/kg	50.0	ND		83-113			QM-07
Arsenic	46.6	5.0	"	50.0	ND	88.4	87-117			
Barium	675	5.0	"	50.0	700	-50.0	86-111			QM-07
Beryllium	42.8	0.10	"	50.0	ND	85.4	93-121			QM-07
Cadmium	42.9	0.20	"	50.0	1.1	83.6	87-114			QM-07
Chromium	1730	5.0	"	50.0	1800	-140	90-114			QM-07
Cobalt	44.9	0.50	"	50.0	5.9	78.0	90-116			QM-07
Copper	413	4.0	"	50.0	78	670	87-113			QM-07
Lead	4350	5.0	"	50.0	9700	-10700	86-118			QM-07
Molybdenum	40.4	1.0	"	50.0	1.3	78.2	88-114			QM-07
Nickel	59.0	5.0	"	50.0	21	76.0	90-115			QM-07
Selenium	45.5	5.0	"	50.0	ND	91.0	86-117			
Silver	41.9	0.10	"	50.0	ND	83.8	85-113			QM-07
Thallium	40.5	5.0	"	50.0	ND	73.2	86-112			QM-07
Vanadium	67.0	5.0	"	50.0	29	76.0	90-113			QM-07
Zinc	469	5.0	"	50.0	430	78.0	88-118			QM-07

Matrix Spike Dup (2J22025-MSD1)

Source: MLJ0491-01

Prepared & Analyzed: 10/22/02

Antimony	ND	5.0	mg/kg	50.0	ND		83-113		45	QM-07
Arsenic	49.9	5.0	"	50.0	ND	95.0	87-117	6.84	26	
Barium	1160	5.0	"	50.0	700	920	86-111	52.9	25	QM-07
Beryllium	43.1	0.10	"	50.0	ND	86.0	93-121	0.698	13	QM-07
Cadmium	46.2	0.20	"	50.0	1.1	90.2	87-114	7.41	6	QM-07
Chromium	1540	5.0	"	50.0	1800	-520	90-114	11.6	33	QM-07
Cobalt	46.3	0.50	"	50.0	5.9	80.8	90-116	3.07	10	QM-07
Copper	127	4.0	"	50.0	78	98.0	87-113	106	28	QM-07
Lead	3950	5.0	"	50.0	9700	-11500	86-118	9.64	34	QM-07
Molybdenum	40.1	1.0	"	50.0	1.3	77.6	88-114	0.745	11	QM-07
Nickel	63.1	5.0	"	50.0	21	84.2	90-115	6.72	28	QM-07
Selenium	43.3	5.0	"	50.0	ND	86.6	86-117	4.95	15	
Silver	44.3	0.10	"	50.0	ND	88.6	85-113	5.57	21	
Thallium	43.0	5.0	"	50.0	ND	78.2	86-112	5.99	27	QM-07
Vanadium	72.7	5.0	"	50.0	29	87.4	90-113	8.16	12	QM-07
Zinc	524	5.0	"	50.0	430	188	88-118	11.1	20	QM-07

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**Sequoia
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Project: ARCO #2107, Oakland, CA
Project Number: ARCO #2107, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/23/02 17:58

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2J22028 - EPA 7471A										
Blank (2J22028-BLK1) Prepared & Analyzed: 10/22/02										
Mercury	ND	0.0050	mg/kg							
LCS (2J22028-BS1) Prepared & Analyzed: 10/22/02										
Mercury	0.638	0.0050	mg/kg	0.667		95.7	86-113			
Matrix Spike (2J22028-MS1) Source: MLJ0563-02 Prepared & Analyzed: 10/22/02										
Mercury	0.670	0.0050	mg/kg	0.667	0.0080	99.3	86-113			
Matrix Spike Dup (2J22028-MSD1) Source: MLJ0563-02 Prepared & Analyzed: 10/22/02										
Mercury	0.685	0.0050	mg/kg	0.667	0.0080	101	86-113	2.21	13	

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Notes and Definitions

- HC-21 Chromatogram Pattern: Gasoline C6-C10
- O-10 The result was reported with a possible low bias due to the continuing calibration verification falling outside the acceptance criteria.
- 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.
- R-05 The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
- S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- 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 Station 276 - 10600 MacArthur Blvd., Oakland, CA 94605
 Business Unit Bp West Coast Products LLC
 BP Laboratory Contract Number: 4 0 0 6 2 1 1 2 4

On-site Time: <u>10:00 AM</u>	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Date: 10-18-02

Requested Due Date: 10-22-02
 (mm/dd/yy - List date 2 weeks from sampling date) MLJ0563

Send To:	BP/GEM Facility No.: Station 2107	Consultant: URS Oakland
Lab Name: <u>Squota Analytical</u>	BP/GEM Facility Address: <u>3310 Park Blvd., Oakland, CA 94610</u>	Address: <u>500 12th Street, #200</u>
Lab Address: <u>885 Jarvis Drive</u>	Site ID No. <u>Station 2107</u>	<u>Oakland, CA 94607</u>
<u>Morgan Hill, CA</u>	California Global ID #:	e-mail EDD: <u>Henry_Barrientos@URSCorp.com</u>
Lab PM: <u>Latonya Pelt</u>	BP/GEM PM Contact: <u>Paul Supple</u>	Consultant Project No.:
Tele/Fax: <u>408-782-8154/408-782-6308</u>	Address: <u>P.O. Box 6549, Morgan, CA 94570</u>	Consultant Tele/Fax: <u>510-893-3600</u>
Report Type & QC Level: <u>Normal</u>	Tele/Fax: <u>925-299-3891/925-299-5872</u>	Consultant PM: <u>Scott Robinson</u>
BP/GEM Account No.:		Invoice to: <u>BP West Coast Products</u>
Lab Bottle Order No.:		BP/GEM Work Release No.:

Item No.	Field Point ID	Sample ID	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-E (8015)	BTEX (8260)	MTBE (8260)	Fuel Oxygenates	Motor Oil		CAM-17	LYP-E (8015)
1	✓	BT-1	3:00 PM	X				01	4				X	X	X						
2			7:00 PM	X					4				X	X	X					X	
3	✓	S-07-5'	2:45 PM	X				02	1	X			X	X	X				X		
4	✓	S-08-5'	2:25 PM	X				03	1	X			X	X	X				X		
5	✓	S-08'		X					1	X			X	X	X				X		
6	✓	S-15-5'	2:50 PM	X				04	1	X			X	X	X				X		
7	✓	S-0E1-7.5'	4:30 PM	X				05	1	X			X	X	X				X		
8	✓	S-0E2-7.5'	5:00 PM	X				06	2	X			X	X	X				X		
9																					
10																					

Sampler's Name: <u>STACY BALL</u>	Relinquished By / Affiliation:	Date:	Time:	Accepted By / Affiliation:	Date:	Time:
Sampler's Company: <u>URS Oakland</u>		<u>10/21/02</u>	<u>1935</u>	<u>[Signature]</u>	<u>10/21/02</u>	<u>1935</u>
Shipment Date:						
Shipment Method: <u>Hand Deliver</u>						
Shipment Tracking No.:						
Special Instructions: <u>CAP 2002</u>						

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

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
 REC. BY (PRINT) TL
 WORKORDER: ML30543

DATE Received at Lab: 10/18/02
 TIME Received at Lab: 1935
 LOGIN DATE: 10-21-02

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	#	CLIENT ID	CONTAINER DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / <u>Absent</u> Intact / Broken*			BT - 1	(4) Vpao HCl	L	10/18/02	
2. Chain-of-Custody Present / <u>Absent</u> *			S - D7-5	(1) Core			
3. Traffic Reports or Packing List Present / <u>Absent</u>			S - D8-5				
4. Airbill: Airbill / Sticker Present / <u>Absent</u>			S - L5-5				
5. Airbill #:			S - OE1-7.5				
6. Sample Labels: Present / <u>Absent</u>			S - OE2-7.5				
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? <u>Yes</u> / No*							
10. Sample received within hold time: <u>Yes</u> / No*							
11. Proper Preservatives used: <u>Yes</u> / No*							
12. Temp Rec. at Lab: <u>20C</u> (Acceptance range for samples requiring thermal pres.: 4+/-2°C) <u>not on ice</u> Yes / No**							
**Exception (if any):							

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



**Sequoia
Analytical**

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

31 October, 2002

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

RE: ARCO #2107, Oakland, CA
Sequoia Report: MLJ0602

Enclosed are the results of analyses for samples received by the laboratory on 10/22/02 11:00. 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 #2107, Oakland, CA
Project Number: ARCO #2107, Oakland, CA
Project Manager: Syed Rehan

Reported:
10/31/02 07:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OE-4-7.0	MLJ0602-01	Soil	10/21/02 10:30	10/22/02 11:00
OE-3-7.0	MLJ0602-02	Soil	10/21/02 09:00	10/22/02 11:00
T-1	MLJ0602-03	Water	10/21/02 18:00	10/22/02 11:00
VP-1	MLJ0602-04	Soil	10/21/02 12:30	10/22/02 11:00
VP-2	MLJ0602-05	Soil	10/21/02 13:00	10/22/02 11:00

Sequoia Analytical - Morgan Hill

Latonya Pelt, Project Manager

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.

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

 Project: ARCO #2107, Oakland, CA
 Project Number: ARCO #2107, Oakland, CA
 Project Manager: Syed Rehan

 Reported:
 10/31/02 07:36

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
OE-4-7.0 (MLJ0602-01) Soil Sampled: 10/21/02 10:30 Received: 10/22/02 11:00									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J25001	10/25/02	10/25/02	8015Bm/8021 B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.025	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		78.5 %	64-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	41-173		"	"	"	"	
OE-3-7.0 (MLJ0602-02) Soil Sampled: 10/21/02 09:00 Received: 10/22/02 11:00									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J25001	10/25/02	10/25/02	8015Bm/8021 B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.025	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		99.5 %	64-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		131 %	41-173		"	"	"	"	
T-1 (MLJ0602-03) Water Sampled: 10/21/02 18:00 Received: 10/22/02 11:00									
Gasoline Range Organics (C6-C10)	42000	20000	ug/l	400	2J23002	10/23/02	10/23/02	8015Bm/8021 B	HC-21
Benzene	300	200	"	"	"	"	"	"	
Toluene	3200	200	"	"	"	"	"	"	
Ethylbenzene	1300	200	"	"	"	"	"	"	
Xylenes (total)	11000	200	"	"	"	"	"	"	
Methyl tert-butyl ether	4900	1000	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		107 %	55-142		"	"	"	"	

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

 Project: ARCO #2107, Oakland, CA
 Project Number: ARCO #2107, Oakland, CA
 Project Manager: Syed Rehan

 Reported:
 10/31/02 07:36

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VP-1 (MLJ0602-04) Soil Sampled: 10/21/02 12:30 Received: 10/22/02 11:00									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J25001	10/25/02	10/25/02	8015Bm/8021	B
Benzene	ND	0.0050	"	"	"	"	"	"	"
Toluene	ND	0.0050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.010	"	"	"	"	"	"	"
Methyl tert-butyl ether	ND	0.025	"	"	"	"	"	"	"
Surrogate: <i>a,a,a</i> -Trifluorotoluene		81.5 %	64-145		"	"	"	"	"
Surrogate: 4-Bromofluorobenzene		98.0 %	41-173		"	"	"	"	"
VP-2 (MLJ0602-05) Soil Sampled: 10/21/02 13:00 Received: 10/22/02 11:00									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J25001	10/25/02	10/25/02	8015Bm/8021	B
Benzene	ND	0.0050	"	"	"	"	"	"	"
Toluene	ND	0.0050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.010	"	"	"	"	"	"	"
Methyl tert-butyl ether	ND	0.025	"	"	"	"	"	"	"
Surrogate: <i>a,a,a</i> -Trifluorotoluene		91.5 %	64-145		"	"	"	"	"
Surrogate: 4-Bromofluorobenzene		112 %	41-173		"	"	"	"	"



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

Project: ARCO #2107, Oakland, CA
Project Number: ARCO #2107, Oakland, CA
Project Manager: Syed Rehan

Reported:
10/31/02 07:36

**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
OE-4-7.0 (MLJ0602-01) Soil Sampled: 10/21/02 10:30 Received: 10/22/02 11:00									
Lead	ND	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	
OE-3-7.0 (MLJ0602-02) Soil Sampled: 10/21/02 09:00 Received: 10/22/02 11:00									
Lead	ND	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	
VP-1 (MLJ0602-04) Soil Sampled: 10/21/02 12:30 Received: 10/22/02 11:00									
Lead	ND	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	
VP-2 (MLJ0602-05) Soil Sampled: 10/21/02 13:00 Received: 10/22/02 11:00									
Lead	8.9	5.0	mg/kg	1	2J23040	10/23/02	10/24/02	EPA 6010B	

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

 Project: ARCO #2107, Oakland, CA
 Project Number: ARCO #2107, Oakland, CA
 Project Manager: Syed Rehan

 Reported:
 10/31/02 07:36

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2J23002 - EPA 5030B [P/T]
Blank (2J23002-BLK1)

Prepared & Analyzed: 10/23/02

Gasoline Range Organics (C6-C10)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>55-142</i>			

LCS (2J23002-BS1)

Prepared & Analyzed: 10/23/02

Benzene	10.8	0.50	ug/l	10.0		108	68-140			
Toluene	10.8	0.50	"	10.0		108	76-127			
Ethylbenzene	11.1	0.50	"	10.0		111	77-130			
Xylenes (total)	32.3	0.50	"	30.0		108	78-128			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>55-142</i>			

LCS (2J23002-BS2)

Prepared & Analyzed: 10/23/02

Gasoline Range Organics (C6-C10)	258	50	ug/l	250		103	62-134			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>9.51</i>		<i>"</i>	<i>10.0</i>		<i>95.1</i>	<i>55-142</i>			

Matrix Spike (2J23002-MS1)

Source: MLJ0470-10

Prepared & Analyzed: 10/23/02

Gasoline Range Organics (C6-C10)	535	50	ug/l	550	160	68.2	62-134			
Benzene	11.6	0.50	"	6.60	2.6	136	68-140			
Toluene	42.4	0.50	"	39.7	0.53	105	76-127			
Ethylbenzene	9.99	0.50	"	9.20	ND	107	77-130			
Xylenes (total)	47.7	0.50	"	46.1	1.8	99.6	78-128			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>55-142</i>			

Matrix Spike Dup (2J23002-MSD1)

Source: MLJ0470-10

Prepared & Analyzed: 10/23/02

Gasoline Range Organics (C6-C10)	564	50	ug/l	550	160	73.5	62-134	5.28	41	
Benzene	11.6	0.50	"	6.60	2.6	136	68-140	0.00	30	
Toluene	41.6	0.50	"	39.7	0.53	103	76-127	1.90	30	
Ethylbenzene	9.96	0.50	"	9.20	ND	107	77-130	0.301	21	
Xylenes (total)	47.7	0.50	"	46.1	1.8	99.6	78-128	0.00	21	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>9.19</i>		<i>"</i>	<i>10.0</i>		<i>91.9</i>	<i>55-142</i>			

Sequoia Analytical - Morgan Hill

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

Project: ARCO #2107, Oakland, CA
Project Number: ARCO #2107, Oakland, CA
Project Manager: Syed Rehan

Reported:
10/31/02 07:36

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2J25001 - EPA 5030B [P/T]

Blank (2J25001-BLK1)

Prepared & Analyzed: 10/25/02

Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Methyl tert-butyl ether	ND	0.025	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0180		"	0.0200		90.0	64-145			
Surrogate: 4-Bromofluorobenzene	0.0225		"	0.0200		112	41-173			

LCS (2J25001-BS1)

Prepared & Analyzed: 10/25/02

Benzene	0.0179	0.0050	mg/kg	0.0200		89.5	72-135			
Toluene	0.0176	0.0050	"	0.0200		88.0	67-141			
Ethylbenzene	0.0174	0.0050	"	0.0200		87.0	68-147			
Xylenes (total)	0.0568	0.010	"	0.0600		94.7	62-149			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0159		"	0.0200		79.5	64-145			
Surrogate: 4-Bromofluorobenzene	0.0201		"	0.0200		100	41-173			

LCS (2J25001-BS2)

Prepared & Analyzed: 10/25/02

Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	0.500		85.8	63-143			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0156		"	0.0200		78.0	64-145			
Surrogate: 4-Bromofluorobenzene	0.0246		"	0.0200		123	41-173			

Matrix Spike (2J25001-MS1)

Source: MLJ0602-02

Prepared & Analyzed: 10/25/02

Gasoline Range Organics (C6-C10)	0.638	0.50	mg/kg	1.10	ND	58.0	63-143			QM-07
Benzene	0.0160	0.0050	"	0.0132	ND	121	72-135			
Toluene	0.0682	0.0050	"	0.0794	ND	85.9	67-141			
Ethylbenzene	0.0126	0.0050	"	0.0184	ND	68.5	68-147			
Xylenes (total)	0.0828	0.010	"	0.0922	ND	89.8	62-149			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0171		"	0.0200		85.5	64-145			
Surrogate: 4-Bromofluorobenzene	0.0242		"	0.0200		121	41-173			



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

Project: ARCO #2107, Oakland, CA
 Project Number: ARCO #2107, Oakland, CA
 Project Manager: Syed Rehan

Reported:
 10/31/02 07:36

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2J25001 - EPA 5030B [P/T]

Matrix Spike Dup (2J25001-MSD1)

Source: MLJ0602-02

Prepared & Analyzed: 10/25/02

Gasoline Range Organics (C6-C10)	0.723	0.50	mg/kg	1.10	ND	65.7	63-143	12.5	21	
Benzene	0.0112	0.0050	"	0.0132	ND	84.8	72-135	35.3	35	QM-07
Toluene	0.0661	0.0050	"	0.0794	ND	83.2	67-141	3.13	18	
Ethylbenzene	0.0118	0.0050	"	0.0184	ND	64.1	68-147	6.56	20	QM-07
Xylenes (total)	0.0806	0.010	"	0.0922	ND	87.4	62-149	2.69	20	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0167		"	0.0200		83.5	64-145			
Surrogate: 4-Bromofluorobenzene	0.0254		"	0.0200		127	41-173			



**Sequoia
Analytical**

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

Project: ARCO #2107, Oakland, CA
Project Number: ARCO #2107, Oakland, CA
Project Manager: Syed Rehan

Reported:
10/31/02 07:36

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2J23040 - EPA 3050B										
Blank (2J23040-BLK1)										
					Prepared: 10/23/02 Analyzed: 10/24/02					
Lead	ND	5.0	mg/kg							
LCS (2J23040-BS1)										
					Prepared: 10/23/02 Analyzed: 10/24/02					
Lead	48.5	5.0	mg/kg	50.0		97.0	86-118			
Matrix Spike (2J23040-MS1)										
					Source: MLJ0443-41		Prepared: 10/23/02 Analyzed: 10/25/02			
Lead	66.8	10	mg/kg	50.0	17	99.6	86-118			R-01
Matrix Spike Dup (2J23040-MSD1)										
					Source: MLJ0443-41		Prepared: 10/23/02 Analyzed: 10/25/02			
Lead	67.2	10	mg/kg	50.0	17	100	86-118	0.597	34	

Sequoia Analytical - Morgan Hill

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URS Corporation
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Oakland CA, 94607

Project: ARCO #2107, Oakland, CA
Project Number: ARCO #2107, Oakland, CA
Project Manager: Syed Rehan

Reported:
10/31/02 07:36

Notes and Definitions

- HC-21 Chromatogram Pattern: Gasoline C6-C10
- QM-07 The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- R-01 The reporting limit for this analyte has been raised to account for matrix interference.
- 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

(MLJ0602)

Project Name ARCO 2107, 3310 Park Blvd., Oakland

BP BU/GEM CO Portfolio:

BP Laboratory Contract Number: Requested Due Date (mm/dd/yy) Oct 28th, 02

Date: 10/21/02

On-site Time:	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speeds	Direction:

Send To:	BP/GEM Facility No.: 2107	Consultant/Contractor: URS Corp.
Lab Name: Sequoia Lab	BP/GEM Facility Address: 3310 Park Blvd. Oakland	Address: 500 12 th St., Suite 200
Lab Address: 885 Jarvis Avenue	Site ID No. 2107	Oakland, CA
Morgan Hill, CA	Site Lat/Long:	e-mail EDD: Syed-Rehan@URS Corp.com
Lab PM: Latonya Post	California Global ID #:	Consultant/Contractor Project No.:
Tele/Fax:	BP/GEM PM Contact: Paul Supple	Consultant/Contractor Tele/Fax: (510) 874-3116
Report Type & QC Level: Normal	Address:	Consultant/Contractor PM: Syed Rehan
BP/GEM Account No.:	Tele/Fax:	Invoice to: Consultant/Contractor or BP/GEM (Circle one)
Lab Bottle Order No.:		BP/GEM Work Release No.:

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	BTEX 8021	BTEX/PH/MTSE	IPA 8260	BPA 8270	
1	OE-4-7.0'	10:30am	X				1	X				X	X	X	X		
2	OE-3-7.0'	9:00am	X				1	X				X	X	X	X		
3	T-1	9:00		X			3			X		X	X	X	X		
4	UP-1	12:30	X				1	X				X	X	X	X		
5	UP-2	1:00	X				1	X				X	X	X	X		
6																	
7																	
8																	
9																	
10																	

Sampler's Name: Rehan	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: URS	<i>[Signature]</i>	10/22/02	9:20	<i>[Signature]</i>	10/22/02	9:20
Payment Date: 10/22/02	<i>[Signature]</i>	10/23/02	1:00	<i>[Signature]</i>	10/22/02	1:00
Payment Method:						
Payment Tracking No.:						

Instructions:

Seals in Place Yes No Temperature Blank Yes No Cooler Temperature on Receipt °F/C Trip Blank Yes No

ATTACHMENT C
FIELD SAMPLING DATA SHEET



SAMPLING LOG



Site ARCO Station No. 2107 Date 10/18/02
 Samplers Stacey Ball Proj No. 38485976
 PID Model No. OVB 580B Calibration date/time 10/18/02 Page 1 of 1

Sample ID	PID reading (ppm)	Depth	Time	Matrix	Comments
S-D1	0.1	4.0	1340	soil	
S-D2	0.2	4.0	1340	soil	
S-D3	0.3	3.5	1330	soil	
S-D4	2.8	3.5	1330	soil	
S-D5	0.0	5.0	1405	soil	
S-D6	0.9	5.0	1410	soil	
S-D7	551.0	5.0	1445	soil	
S-D8	485.0	5.0	1425	soil	
S-L1	1.8	4.5	1340	soil	
S-L2	0.3	4.0	1330	soil	
S-L3	0.9	4.5	1330	soil	
S-L4	0.2	5.0	1415	soil	
S-L5	400.0	5.0	1450	soil	
S-L6	5.0	6.5	1455	soil	
VP-1	0.0	4.0	1230	soil	sampled on 10/21/02
VP-2	0.0	4.0	1300	soil	sampled on 10/21/02
T-1	-	7.5	1800	water	Over excavation sample under dispenser
BT-1	-	-	1500	water	
SUMP-1	-	-	1300	water	
S-OE1	416	7.5	1630	soil	sampled on 10/18/02
S-OE2	53.7	7.5	1700	soil	sampled on 10/18/02
OE3	1.8	7.0	900	soil	sampled on 10/21/02
OE4	1.3	7.0	1030	soil	sampled on 10/21/02
100 ft east	0	-	-	ambient	perimeter readings
100 ft west	0.3	-	-	ambient	perimeter readings
NW	0	-	-	ambient	perimeter readings
SW	1.6	-	-	ambient	perimeter readings
NE	0	-	-	ambient	perimeter readings
SE	0	-	-	ambient	perimeter readings

Attachments: See attached map for sampling locations.

Notes:

ATTACHMENT D

WASTE MANIFESTS

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on date (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. ARCO 2107	Manifest Document No. 11011	2. Page 1 of 1
-------------------------------------	--	---------------------------------------	-------------------

3. Generator's Name and Mailing Address ARCO #2107 3310 PARK BLVD OAKLAND, CA	MAIL: ATHLETIC RECREATION PO BOX 9087 LOS ANGELES, CA 90009 ATTN: PAUL SWOLE
4. Generator's Phone (925) 946-1085	

5. Transporter 1 Company Name BILLARD ENVIRONMENTAL SVCS.	US EPA ID Number	A. State Transporter's ID
7. Transporter 2 Company Name	US EPA ID Number	B. Transporter 1 Phone (925) 634-6850
		C. State Transporter's ID
		D. Transporter 2 Phone

8. Designated Facility Name and Site Address BOMIC ENVIRONMENTAL TECHNOLOGIES 2081 BAY ROAD EAST PALM BEACH, CA 94303	10. US EPA ID Number ICAD009452657	E. State Facility's ID
		F. Facility's Phone (650) 324-1638

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. NON HAZ WATER, (pF:)	00	TT	03,000	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above 11a. 11b. 11c. 11d.	H. Handling Codes for Wastes Listed Above
---	---

15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6850 BILLARD R08811004-004	8070 2078
---	----------------------

18. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Would have been

Printed/Typed Name P. BILLARD PER ARCO	Signature <i>[Signature]</i>	Date Month Day Year
17. Transporter 1 Acknowledgement of Receipt of Materials	Signature <i>[Signature]</i>	Date Month Day Year
Printed/Typed Name Steve M. Turner	Signature <i>[Signature]</i>	Date 11 / 1 / 02
18. Transporter 2 Acknowledgement of Receipt of Materials	Signature <i>[Signature]</i>	Date Month Day Year
Printed/Typed Name	Signature	Date

19. Discrepancy Indication Space	Date	
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.	Date	
Printed/Typed Name Kevin Anderson	Signature <i>[Signature]</i>	Date 11 / 01 / 02

NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY



ROMIC

ENVIRONMENTAL
TECHNOLOGIES CORP.

Weighed At: 2081 Bay Road • East Palo Alto, CA 94303-1316
Tel: (650) 324-1638 • Fax: (650) 462-2311

R 20
DATE
TIME
CUSTOMER
manil
NI

120518
KAY SMITH • PHONE: (800) 439-7666 • FAX: (408) 926-5472
0968 (9/00)

SHIPPER - CARRIER
Dillard
TRACTOR LIC. NO. #1 TRAILER LIC. NO. #2 TRAILER LIC. NO.

WEIGHED FOR:
ARCO

INBOUND 42900 lb 42900 lb GR LBS. GROSS
LOOP # 47 24360 lb TA LBS. TARE
05:37 PM 18540 lb NT NET
11-01-02 LOOP # 47

COMMODITY:
CONTAINER TYPE:
(IF APPLICABLE)

CUSTOMER - DRIVER SIGNATURE
X

ROMIC ENVIRONMENTAL TECHNOLOGIES CORP.
BY: *T.O.*

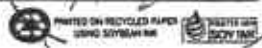
NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on 8 1/2 (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. ARC0 #2107		Manifest Document No. 11030	2. Page 1 of 1
3. Generator's Name and Mailing Address ARC0 #2107 3310 PARK BLVD OAKLAND, CA		MAIL: ATLANTIC RICHFIELD PO BOX 9857 LOS ANGELES, CA 90009			
4. Generator's Phone (925) 946-1885		ATTN: PAUL SUPPIL			
5. Transporter 1 Company Name BILLARD ENVIRONMENTAL SVCS		6. US EPA ID Number CAD08252363		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone (925) 634-6850	
9. Designated Facility Name and Site Address KIMIC ENVIRONMENTAL TECHNOLOGIES 2081 BAY ROAD EAST PALO ALTO, CA 94303		10. US EPA ID Number CAD009452657		E. State Facility's ID CAD019452657	
				F. Facility's Phone (650) 324-1838	
11. WASTE DESCRIPTION			12. Containers		14. Unit Wt./Vol.
a. NON HAZ WASTE, (pf:) 3601715			No.	Type	13. Total Quantity
			00	TT	03,000
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above IIIa. IIIb. IIIc. IIId. 3601715			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6850 BILLARD JMS#11004-001					

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

GENERATOR	Printed/Typed Name F. BILLARD PER ARC0		Signature		Date Month Day Year	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date	
	Printed/Typed Name Steve M. Turner		Steve M. Turner		11 / 1 / 02	
FACILITY	18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
	Printed/Typed Name					
19. Discrepancy Indication Space						
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.						
Printed/Typed Name Nancy Laney		Signature Nancy Laney		Date Month Day Year 11 / 2 / 02		



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on 8 1/2" (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No. <u>11811</u>	2. Page 1 of 1
3. Generator's Name and Mailing Address ARCX 22107 3310 PARK BLVD OAKLAND, CA 94610		MAIL: ATLANTIC RICHFIELD PO BOX 9087 LOS ANGELES, CA 90009		
4. Generator's Phone () ()		ATTN:		
5. Transporter 1 Company Name DILLARD ENVIRONMENTAL SVCS	6. US EPA ID Number C A D 9 8 2 5 2 3 4 3	A. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number	B. Transporter 1 Phone (925) 634-6850	
9. Designated Facility Name and Site Address ARCX ENVIRONMENTAL TECHNOLOGIES 2081 BAY ROAD EAST PALM BEACH, CA 94303		10. US EPA ID Number C A 0 0 0 0 4 5 2 6 5 7	C. State Transporter's ID	
			D. Transporter 2 Phone	
			E. State Facility's ID	
			F. Facility's Phone (650) 324-1638	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. NON HAZ WASTE, (p# 361715)	00	TT	5,000	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above 11a. 361715 11b. 11c. 11d.	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information
**Emergency Contact (925) 634-6850 DILLARD
 JUN# 1005-004**

15. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name F. DILLARD PER ARCO	Signature	Date Month Day Year
17. Transporter 1 Acknowledgement of Receipt of Materials	Signature <i>Richard M...</i>	Date 11/15/02
18. Transporter 2 Acknowledgement of Receipt of Materials	Signature	Date
19. Discrepancy Indication Space		
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.	Signature <i>Tim Om...</i>	Date

NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY



ROMIC

ENVIRONMENTAL
TECHNOLOGIES CORP.

Weighed At: 2081 Bay Road • East Palo Alto, CA 94303-1316
Tel: (650) 324-1638 • Fax: (650) 462-2311

R 2050
DATE 11/5/02
TIME
CUSTOMER NO. NHWm 11051

WEIGHED FOR:
ARCO

SHIPPER - CARRIER Dillard		
TRACTOR LIC. NO.	#1 TRAILER LIC. NO.	#2 TRAILER LIC. NO.

INBOUND	79800 lb	79800 lb GR	LBS. GROSS
LOOP #	81	39920 lb TA	LBS. TARE
10:06 AM		39880 lb NT	NET
11-05-02		LOOP # 81	

COMMODITY:
CONTAINER TYPE: (IF APPLICABLE)

CUSTOMER - DRIVER SIGNATURE
X

ROMIC ENVIRONMENTAL TECHNOLOGIES CORP.
BY: *T. O.* DEPUTY

OFFICE COPY - RETAINED

130018
KAYE SMITH • PHONE (800) 437-9666 • FAX (408) 746-2172

0968 (1/00)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on 8 1/2" (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No. 11032	2. Page 1 of 1
3. Generator's Name and Mailing Address ARCO #2107 3310 PARK BLVD OAKLAND, CA 94610		CALL: ATLANTIC RICHFIELD PO BOX 9087 LOS ANGELES, CA 90009			
4. Generator's Phone ()		ATTN:			
5. Transporter 1 Company Name BILLARD ENVIRONMENTAL SVCS.		6. US EPA ID Number CAD98252343		A. State Transporter's ID	B. Transporter 1 Phone (925)634-6850
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID	D. Transporter 2 Phone
9. Designated Facility Name and Site Address HEMIC ENVIRONMENTAL TECHNOLOGIES 2061 BAY ROAD EAST PALO ALTO, CA 94303		10. US EPA ID Number CAD009452657		E. State Facility's ID	F. Facility's Phone (650)324-1638
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit WL/Vol.
a. RAW GAS WATER, (pt: 361715)			No. 001 Type TT	5,000	6
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above IIa. 361715 IIb. IIc. IIId.			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6850 BILLARD JOB# 1005-004					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name P. BILLARD PER ARCO		Signature		Date Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Richard Murray</i>		Date Month Day Year 11/05/02	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.					
Printed/Typed Name <i>T. O...</i>		Signature <i>T. O...</i>		Date Month Day Year 11/05/02	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY



ROMIC

ENVIRONMENTAL
TECHNOLOGIES CORP.

Weighed At: 2081 Bay Road • East Palo Alto, CA 94303-1316
Tel: (650) 324-1638 • Fax: (650) 462-2311

R 2055

DATE

TIME

CUSTOMER NO.

NTWm

11052

WEIGHED FOR:

PG&E

SHIPPER - CARRIER

Dillard

TRACTOR LIC. NO.

#1 TRAILER LIC. NO.

#2 TRAILER LIC. NO.

INBOUND 79420 lb

LOOP # 90

03:27 PM

11-05-02

79420 lb GR

40160 lb TA

39260 lb NT

LOOP # 90

LBS. GROSS

LBS. TARE

NET

COMMODITY:

CONTAINER TYPE:
(IF APPLICABLE)

CUSTOMER - DRIVER SIGNATURE

X

ROMIC ENVIRONMENTAL TECHNOLOGIES CORP.

BY:

T. O.

DEPUTY

OFFICE COPY - RETAINED

130518

MAVEMITH • PHONE (800) 439-9666 • FAX (408) 926-2172

0908 (9/00)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

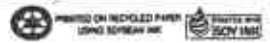
NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. ARC042107		Manifest Document No. 11053		2. Page 1 of 1	
3. Generator's Name and Mailing Address ARC04 2107 3310 PARK BLVD OAKLAND, CA 94612		MAIL: ATLANTIC BLUEPRINT PO BOX 9087 LOS ANGELES, CA 90009					
4. Generator's Phone ()		SITE:					
5. Transporter 1 Company Name DILLARD ENVIRONMENTAL SVCS.		6. US EPA ID Number C A D 9 8 2 5 2 3 4		A. State Transporter's ID		B. Transporter 1 Phone (925) 634-6850	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address KIMIC ENVIRONMENTAL TECHNOLOGIES 2091 BAY ROAD EAST PALM BEACH, CA 94303		10. US EPA ID Number C A D 0 9 4 5 2 6 5 7		E. State Facility's ID		F. Facility's Phone (630) 324-1638	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	14. Unit WL/Vol.
				No.	Type		
a. ONE BAG WATER, (pt: 361715)				001	TT	3500	G
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above 11a. 361715 11b. 11c. 11d.				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6850 DILLARD JUNE 1005-004							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name P. DILLARD PER ARCO				Signature		Date Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>Richard Murray</i>		Date Month Day Year 11/05/02	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>Wendy Laney</i>				Signature <i>Wendy Laney</i>		Date Month Day Year 11/11/02	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY





ROMIC

ENVIRONMENTAL
TECHNOLOGIES CORP.

Weighed At: 2081 Bay Road • East Palo Alto, CA 94303-1316
Tel: (650) 324-1638 • Fax: (650) 462-2311

R 2062

DATE
11-6-02

TIME

CUSTOMER NO.

NHWM105-

WEIGHED FOR: NON HAZ Water

SHIPPER & CARRIER

DILLARD

TRACTOR LIC. NO.

#1 TRAILER LIC. NO.

#2 TRAILER LIC. NO.

INBOUND 58320 1b

58320 1b GR

LBS. GROSS

LOOP # 12

39680 1b TA

LBS. TARE

08:01 AM

18640 1b NT

NET

11-06-02

LOOP # 12

COMMODITY:

CONTAINER TYPE:
(IF APPLICABLE)

CUSTOMER - DRIVER SIGNATURE

X

ROMIC ENVIRONMENTAL TECHNOLOGIES CORP.

BY:

[Signature]

DEPUTY

130518
KAYE-SMITH • PHONE: (800) 439-9666 • FAX: (650) 926-2472

0968 (9/00)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No. 33079	2. Page 1 of 1
3. Generator's Name and Mailing Address ARCO #2107 3310 PARK BLVD OAKLAND, CA		MAIL: ATLANTIC RICHFIELD PO BOX 9087 LOS ANGELES, CA 90009			
4. Generator's Phone ()		ATTN:			
5. Transporter 1 Company Name ONYX INDUSTRIAL		6. US EPA ID Number 1A0000000505		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone	
9. Designated Facility Name and Site Address HEMIC ENVIRONMENTAL TECHNOLOGIES 2081 KEY ROAD EAST PALO ALTO, CA 94303		10. US EPA ID Number 1A00000452857		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone (650) 724-1648	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. WATER, (p# 361715)			No. 001	Type TI	00200
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above IIIa. 361715 IIIb. IIIc. IIId.			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6850 DILLARD SUITE 1004-004					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name F. DILLARD PER ARCO		Signature		Date 11/08/02	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Daryl Huff</i>		Date 11/08/02	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.					
Printed/Typed Name		Signature		Date	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY

190519
KAYESMITH • PHONE (800) 439-9444 • FAX (800) 925-2972



ROMIC

ENVIRONMENTAL
TECHNOLOGIES CORP.

Weighted At: 2081 Bay Road • East Palo Alto, CA 94301-1316
Tel: (650) 224-1638 • Fax: (650) 462-2311

DIA NOT GET Heavy WT in

INcoming 33860 wL

R 2097

DATE
11-8-02

TIME

CUSTOMER NO.

NHWN202

SHIPPER - CARRIER

#ACORVZ

WEIGHED FOR:

NON HAZ WATER

TRACTOR LIC. NO.

#1 TRAILER LIC. NO.

#2 TRAILER LIC. NO.

INBOARD 30980 1b

LOOP # 74

06:07 PM

11-08-02

31000 1b GR

30980 1b TA

20 1b NT

LOOP # 74

LBS. GROSS

LBS. TARE

NET

COMMODITY:

CONTAINER TYPE:
(IF APPLICABLE)

CUSTOMER - DRIVER SIGNATURE

X

ROMIC ENVIRONMENTAL TECHNOLOGIES CORP.

BY:

[Handwritten Signature]

DEPUTY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A T 0 0 0 4 0 0 0 7		Manifest Document No. 0 2 7 0 7	2. Page 1 of 1
3. Generator's Name and Mailing Address ARCO 82107 3310 BARK BLVD OAKLAND, CA 94610		MAIL: ATLANTIC RICHFIELD PO BOX 0087 LOS ANGELES, CA 90009 SITE: PAUL SUPER			
4. Generator's Phone ((925) 946-1085)		6. US EPA ID Number C A D 9 0 2 5 2 3 4 3		A. State Transporter's ID /	
5. Transporter 1 Company Name BILLARD ENVIRONMENTAL SVCS.		8. US EPA ID Number		B. Transporter 1 Phone (925) 634-6850	
7. Transporter 2 Company Name		10. US EPA ID Number		C. State Transporter's ID	
9. Designated Facility Name and Site Address FORWARD INC. LANDFILL 9999 SOUTH ANSTIN ROAD MARTICA, CA 95336		10. US EPA ID Number C A L 0 0 0 1 9 0 0 8 0		D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone (209) 962-4298	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit WL/Vol.
a. WOM HAS SOIL, (PE:)			No. 003	Type DM	01600
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above #2555			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6850 BILLARD JOB# 1004-004					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name E. BILLARD PER ARCO		Signature <i>[Signature]</i>		Date 11/14/02	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Steve M Turner		Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.					
Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Date 11/14/02	

FORWARD INCORPORATED

9999 South Austin Road
 Manteca, CA 95336
 Landfill: (209) 982-4298 Fax (209) 982-1009
 Resource Recovery: (209) 982-4936

P.O. Box 6336
 Stockton, CA 95206
 Main Office: (209) 466-4482
 Fax: (209) 465-0631

DATE 11/12/29

TRUCK LIC.# _____

CUSTOMER NO. 2555

TRUCK NO. Di Hard 60 TRAILER LIC.# _____

BILL TO: Di Hard Construction

207854

SIZE YDS.	DESCRIPTION	\$ AMOUNT	NOTES	
	<input type="checkbox"/> REFUSE <input type="checkbox"/> TREATED WOOD		27240	GROSS
	<input type="checkbox"/> SLUDGE <input type="checkbox"/> ASH		25240	TARE
	<input type="checkbox"/> ASBESTOS <input type="checkbox"/> NON-FRIABLE ASBESTOS		2000	NET
	<input type="checkbox"/> II SOIL <input type="checkbox"/> III SOIL <input type="checkbox"/> COVER SOIL <input type="checkbox"/> STOCKPILE			TONS
3 DUMPS				
TOTAL ▶				

Signed [Signature]

IN _____ A.M./P.M.

OUT _____ A.M./P.M.

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on site (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A T 0 0 0 0 4 0 0 0 7	Manifest Document No. 0 7 1 0 7	2. Page 1 of 1
3. Generator's Name and Mailing Address AMER #2107 3310 PARK BLVD OAKLAND, CA 94610		MAIL: ATLANTIC RICHFIELD PO BOX 0087 LOS ANGELES, CA 90009 ATTN: PAUL SUPPLE		
4. Generator's Phone (925) 946-1085				
5. Transporter 1 Company Name DILLARD ENVIRONMENTAL SVCS.	6. US EPA ID Number C A D 9 8 2 5 2 3 4 3	A. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number	B. Transporter 1 Phone (925) 634-6850	
9. Designated Facility Name and Site Address FORWARD INC. LANDFILL 9999 SOUTH AUSTIN ROAD MANTACA, CA 95336		10. US EPA ID Number C A T 0 0 0 1 9 0 0 8 0	C. State Transporter's ID	
		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone (209) 982-4296		

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type		
a. LOW HAZ SOIL, (pf:)	003	DM	01600	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above 11a. 11b. 11c. 11d. <div style="font-size: 2em; font-family: cursive;">#2555</div>	H. Handling Codes for Wastes Listed Above
---	---

15. Special Handling Instructions and Additional Information
Emergency Contact (925) 634-6850 DILLARD
ORR# 1004-004



16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name P. DILLARD PER ARCO	Signature 	Date Month Day Year 11/14/02
--	---------------	---

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name Steve M Turner	Signature 	Date Month Day Year 11/14/02

18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 18.		
Printed/Typed Name	Signature 	Date Month Day Year 11/14/02

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY



FORWARD INCORPORATED

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION
Resource Recovery: (209) 982-4936

P.O. Box 6336
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

002555
DILLARD ENVIRONMENTAL
STEVE EICHOW
PO BOX 579
BYRON, CA 94514
Contract: 2555#

SITE	TICKET	GRID
01	164967	
WEIGHMASTER		
NANCY		
DATE IN		TIME IN
29 October 2002		11:43 am
DATE OUT		TIME OUT
29 October 2002		11:51 am
VEHICLE		ROLL OFF
DILL 891		
REFERENCE	ORIGIN	
	OAKLAND	

Inbound - SCALE TICKET

00 Gross Weight 100,720.00 LB
 Stored Tare Weight 31,260.00 LB
 Net Weight 69,460.00 LB 34.73 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
34.73	TN	1 CLASS II SOIL				

WEIGHMASTER CERTIFICATE THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

MANIFEST #22107

DRIVER'S SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A L 0 0 0 0 4 0 0 0 3		Manifest Document No. 2 2 1 0 7	2. Page 1 of 1
3. Generator's Name and Mailing Address AMCO #2107 3310 PARK BLVD OAKLAND, CA 94610		MAIL: ATLANTIC RICHFIELD PO BOX 9087 LOS ANGELES, CA 90009			
4. Generator's Phone ((925) 946-1085		ATTN: PAUL SUPPLE			
5. Transporter 1 Company Name DILLARD ENVIRONMENTAL SVCS.		6. US EPA ID Number C A D 9 8 2 5 2 3 4 3 3		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone (925) 634-6850	
9. Designated Facility Name and Site Address FURNARD INC. LANDFILL 9999 SOUTH AUSTIN ROAD MANTECA, CA 95336		10. US EPA ID Number C A L 0 0 0 1 9 0 0 8 0		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone (209) 982-4296	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit
			No.	Type	Wt./Vol.
a. NON HAZ SOIL, (pf: 2555)			001	DT	0 0 0 1 8
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
Ila. 2555					
Iib.					
Iic.					
Iid.					
15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6850 DILLARD JOB#1004-004 PO# 09-33080					
18. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name N. DILLARD PER AMCO		Signature <i>[Signature]</i>		Date Month Day Year 10/29/02	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Jim Nunes		Signature <i>[Signature]</i>	
				Date Month Day Year 10/29/02	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
				Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 16.					
Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Date Month Day Year 10/29/02	

GENERATOR

TRANSPORTER

FACILITY





FORWARD INCORPORATED

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION
Resource Recovery: (209) 982-4936

P.O. Box 6336
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

002555
DILLARD ENVIRONMENTAL
STEVE EICHOW
PO BOX 579
BYRON, CA 94514
Contract: 2555#

SITE	TICKET	GRID
01	166411	
WEIGHMASTER		
MARIA D		
DATE IN	TIME IN	
29 October 2002	4:25 pm	
DATE OUT	TIME OUT	
29 October 2002	4:25 pm	
VEHICLE	ROLL OFF	
DILL 691		
REFERENCE	ORIGIN	
	OAKLAND	

Gross Weight	73,120.00 LB	Inbound - SCALE TICKET
Stored Tare Weight	31,380.00 LB	
Net Weight	41,740.00 LB	20.87 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.87	TN	CLASS II SOIL				

WEIGHMASTER CERTIFICATE - THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7, (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

MANIFEST #12107

[Handwritten Signature]
13.5

DRIVER'S SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECKNO.

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAL000040003		Manifest Document No. 12107	2. Page 1 of 1
3. Generator's Name and Mailing Address ARCO #2107 3310 PARK BLVD OAKLAND, CA 94610		MAIL: ATLANTIC RICKFIELD PO BOX 9087 LOS ANGELES, CA 90009			
4. Generator's Phone ((925) 946-1085)		ATTN: PAUL SUPPLE			
5. Transporter 1 Company Name DILLARD ENVIRONMENTAL SVCS		6. US EPA ID Number CAD982523433		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone (925) 634-6850	
8. Designated Facility Name and Site Address FORWARD INC. LANDFILL 9999 SCOTCH AUSTIN ROAD MATECA, CA 95336		10. US EPA ID Number CAL000190080		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone (209) 982-4298	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. ROCK HAS SOIL, (pt: 2555)			No. Type		
			001 DT	00018	X
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
11a. 2555 11b. 11c. 11d.					
15. Special Handling Instructions and Additional Information Emergency Contact: (925) 634-6850 DILLARD JUR1004-004 PMS 09-33980					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described, and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name P. DILLARD PER ARCO		Signature <i>[Signature]</i>		Date 10/29/02	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Date 10/29/02	
Printed/Typed Name JAMES GAINER		Signature <i>[Signature]</i>		Date 10/29/02	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 10.					
Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Date 10/29/02	

GENERATOR

TRANSPORTER

CITY



FORWARD INCORPORATED

9999 South Austin Road/WEIGHING LOCATION P.O. Box 6336
 Manteca, CA 95336 Stockton, CA 95206
 Landfill: (209) 982-4298 / WEIGHING LOCATION Main Office: (209) 466-4482
 Resource Recovery: (209) 982-4936 Fax: (209) 465-0631

002555
 DILLARD ENVIRONMENTAL
 STEVE EICHOW
 PO BOX 579
 BYRON, CA 94514
 Contract: 2555#

SITE	TICKET	GRID
01	166375	
WEIGHMASTER		
VICTORIA		
DATE IN	TIME IN	
29 October 2002	11:45 am	
DATE OUT	TIME OUT	
29 October 2002	11:55 am	
VEHICLE	ROLL OFF	
DILL 691		
REFERENCE	ORIGIN	
	OAKLAND	

00 Gross Weight 96,720.00 LB Inbound - SCALE TICKET
 Stored Tare Weight 31,380.00 LB
 Net Weight 65,340.00 LB 32.67 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.67	TN	CLASS II SOIL				

WEIGHMASTER CERTIFICATE: THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards at the California Department of Food and Agriculture.

MANIFEST #2107

DRIVER'S SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAL000040003		Manifest Document No. 02107	2. Page 1 of 1
3. Generator's Name and Mailing Address ARCO #2107 1310 PARK BLVD OAKLAND, CA 94610		MAYL: ATLANTIC RICHFIELD PO BOX 9087 LOS ANGELES, CA 90009 ATTN: PAUL SUPPLE			
4. Generator's Phone (925) 946-1085		6. US EPA ID Number CAL0002523433		A. State Transporter's ID	
5. Transporter 1 Company Name BILLARD ENVIRONMENTAL SVCS		7. Transporter 2 Company Name		B. Transporter 1 Phone (925) 634-6850	
9. Designated Facility Name and Site Address FORWARD INC. LANDFILL 9999 SOUTH AUSTIN ROAD MANTENA, CA 95336		10. US EPA ID Number CAL000190080		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone (209) 982-5298	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit WL/Vol.
a. SOIL HAS SOIL, (p# 2555)			No. Type		
			001 DT	00018	Y
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
Ila. 2555					
Iib.					
Iic.					
Iid.					
15. Special Handling Instructions and Additional Information					
Emergency Contact (925) 634-6850 BILLARD 925-946-1004 POC 92-33980					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name P. BILLARD PEE ARCO		Signature 		Date 10/29/02	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature 		Date 10/29/02	
Printed/Typed Name JAMES GARDNER		Signature		Date	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.					
Printed/Typed Name		Signature 		Date 10/29/02	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

FACILITY

Altamont Landfill & RRF
10040 Altamont Pass Road
Livermore CA 94550

DATE: 10/29/2002
TIME IN: 06:58
TIME OUT: 07:09

TICKET: 320187-1
I/O: 1
STAGE TICKET: 170985

CARRIER: DILL / Dillard
TRUCK: 193

TRAILER:

CUSTOMER: DILLARD / Dillard Environmental
GENERATOR: ARCO #1027 / ARCO #1027
ORIGIN: OAK / OAK

PROFESSOR: 00112400

MANIFEST WASTE	DESCRIPTION	QTY PER
10291	SC2C / SC2C / 4100	11.38

GROSS: 47120 LBS
TARE: 24360 LBS
NET: 22760 LBS TONS: 11.38

CUSTOMER: DILLARD / Dillard Environmental

DEPUTY WEIGHMASTER: Schaeffer, John

DEPUTY WEIGHMASTER: Rojas, Rogelio

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster whose signature is on this certificate, who is recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code administered by the Division of Measurements Standards of the California Department of Food and Agriculture.

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on eight (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of	
3. Generator's Name and Mailing Address AMCO PARTS 1310 PARK BLVD INGLEWOOD, CA 90741 4. Generator's Phone (925) 446-1025		MAIL: ATLANTIC HIGHFIELD 011 GEE ROAD LOS ANGELES, CA 90007 ATTN: PAPER SUPPLY					
5. Transporter 1 Company Name WILLARD ENVIRONMENTAL SVCS		6. US EPA ID Number 1 2 3 4 5 6 7 8 9 0		A. State Transporter's ID			
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone (925) 634-6058		C. State Transporter's ID	
9. Designated Facility Name and Site Address ALBERTUS LABORILL 10000 ALBERTUS PASS ROAD LIVERMORE, CA 94550		10. US EPA ID Number 1 2 3 4 5 6 7 8 9 0		D. Transporter 2 Phone		E. State Facility's ID	
				F. Facility's Phone (925) 440-6349			
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	14. Unit
a. OIL AND FRESH WATER, (wt: 53.132998)				No. Type		60 50 0 0	G
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above 11a. 11b. 11c. 11d.				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Emergency Contact: (925) 634-6058 WILLARD HOURS: 1000-1800 MON-FRI-1000-1200							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name F. WILLARD PER AMCO				Signature		Date Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature		Date	
Printed/Typed Name Steve M. Turner				Signature		Date 10/29/02	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date	
Printed/Typed Name				Signature		Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name				Signature		Date 10/29/02	

GENERATOR

TRANSPORTER

FACILITY

Allamont Landfill & RR
10840 Allamont Pass Road
Livermore CA 94550

DATE: 10/29/2002
TIME IN: 10:44
TIME OUT: 10:51

TICKET: 320256-1
I/O: 1
STAGE TICKET: 171065

CARRIER: DILL / Dillard
TRUCK: 193 TRAILER:

CUSTOMER: DILLARD / Dillard Environmental
GENERATOR: ARCO #2107 / ARCO #2107
ORIGIN: OAK / Oakland

PROFIT: 55112400

MANIFEST WASTE #	DESCRIPTION	QTY	PER
10292	GCPC / Solidify class	3.85	MT

GROSS: 43900 LBS
TARE: 24200 LBS
NET: 19700 LBS TONS: 3.85

CUSTOMER: DILLARD / Dillard Environmental

DEPUTY WEIGHMASTER: [Signature]

DEPUTY WEIGHMASTER: [Signature]

WEIGHMASTER CERTIFICATE

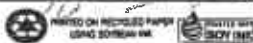
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster whose signature is on this certificate, who is recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code administered by the Division of Measurements Standards of the California Department of Food and Agriculture.

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.	2. Page 1 of 1
3. Generator's Name and Mailing Address AMID #2107 3310 PARK BLVD WESTBURY, CA 94598 TEL: (925) 634-6310		MAIL: ATLANTIC RICHFIELD PO BOX 9007 LOS ANGELES, CA 90009 ATTN: PAUL BRUCE			
4. Generator's Phone	5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID		
	7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone (925) 634-6310		
9. Designated Facility Name and Site Address ALTAVENT LAKESIDE 10240 ALTAVENT PASS ROAD LIVERMORE, CA 94550		10. US EPA ID Number	C. State Transporter's ID		
			D. Transporter 2 Phone		
			E. State Facility's ID		
			F. Facility's Phone		
11. WASTE DESCRIPTION		12. Containers		13. Total Quantity	14. Unit Wt./Vol.
a. NON HAZ WASTE WATER, (pt: 53112400)		No.	Type		
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above R.L. 53112400 A.L. R.L. L.L.			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Emergency Contact: (925) 634-6310 O'LEARY JOB# 1004-004 #78 09-33979					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name		Signature		Date	
				Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
				Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
				Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name		Signature		Date	
				Month Day Year	

NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY



Altamont Landfill & RR
10840 Altamont Pass Road
Livermore CA 94550

DATE: 10/29/2008
TIME IN: 14:08
TIME OUT: 14:16

TICKET: 320327-1
L/O: I
STAGE TICKET: 171135

CARRIER: DILL / Dillard
TRUCK: 193 TRAILER:
CUSTOMER: DILLARD / Dillard Environmental
GENERATOR: ARCO #107 / ARCO #127
ORIGIN: OAK / Oakland

PROFILE: 57112400

MANIFEST WASTE / DESCRIPTION QUANTITY
10293 9C2C / 10/29/08 11.31

GROSS: 46740 LBS
TARE: 24120 LBS
NET: 22620 LBS TONS: 11.31

CUSTOMER: DILLARD / Dillard Environmental

DEPUTY WEIGHMASTER: Rojas, Rogelio

DEPUTY WEIGHMASTER: Donatelli, Frank

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster whose signature is on this certificate, who is recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code administered by the Division of Measurements Standards of the California Department of Food and Agriculture.

193 46720
NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on sites (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. E A I 0 0 0 0 4 0 0 0 3		Manifest Document No. 1 0 2 9 3	2. Page 1 of 1
3. Generator's Name and Mailing Address ARC0 #2107 3310 PARK BLVD OAKLAND, CA 94610		MAIL: ATLANTIC RICHFIELD PO BOX 9087 LOS ANGELES, CA 90009			
4. Generator's Phone ((925) 946-1065		ATTN: PAUL SUPPLE			
5. Transporter 1 Company Name DILLARD ENVIRONMENTAL SVCS		6. US EPA ID Number C A B 9 8 2 1 2 3 4 3 3		A. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone (925) 634-6550	
9. Designated Facility Name and Site Address ALAMONT LANDFILL 10640 ALAMONT PASS ROAD LIVERMORE, CA 94550		10. US EPA ID Number C A B 9 8 1 3 8 2 7 3 2		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone (925) 449-6349	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
			No.	Type	
a. RUN KEE FURGE WATER, (pt: 55112400)			001	TI	0 0 0 1 8 5
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
i1a. 55112400					
i1b.					
i1c.					
i1d.					
15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6550 DILLARD JTB# 1004-004 80# 09-33979					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name P. DILLARD PER ARC0				Signature	
				Date Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials				Date	
Printed/Typed Name Steve M. Turner				Signature <i>Steve M. Turner</i>	
				Date 10 29 02	
18. Transporter 2 Acknowledgement of Receipt of Materials				Date	
Printed/Typed Name				Signature	
				Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.					
Printed/Typed Name <i>Key</i>				Signature <i>Key</i>	
				Date 10 29 02	

NON-HAZARDOUS WASTE

TRANSPORTER

CITY

Altamont Landfill & RR
10040 Altamont Pass Road
Livermore CA 94550

DATE: 10/30/2002
TIME IN: 06:49
TIME OUT: 06:56

TICKET: 320459-1
I/O: 1
STAGE TICKET: 171222

CARRIER: DILL / Dillard
TRUCK: 193 TRAILER:
CUSTOMER: DILLARD / Dillard Environmental
GENERATOR: ARCO #2102 / ARCO #3107
ORIGIN: OAK / OAKLAND

PROFILE: 59112400

MANIFEST WASTE / DESCRIPTION
10294 SC2C / SCAFFOLD

GROSS: 43460 LBS
TARE: 24460 LBS
NET: 19000 LBS TONS: 9.50

CUSTOMER: DILLARD / Dillard Environmental

DEPUTY WEIGHMASTER: Schaeffler, John

DEPUTY WEIGHMASTER: Schaeffler, John

WASTE MASTER

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster whose signature is on this certificate, who is recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code administered by the Division of Measurements Standards of the California Department of Food and Agriculture.



45 040 NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on 8 1/2" (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.	2. Page 1 of
3. Generator's Name and Mailing Address C. A. F. O. O. U. S. O. U. T.		MAIL: ATLANTIC BIRCHFIELD PO BOX 5007 LINCOLN, CA 95020		10254	
4. Generator's Phone 408-634-6100		6. US EPA ID Number		A. State Transporter's ID	
5. Transporter 1 Company Name ATLANTIC BIRCHFIELD		8. US EPA ID Number CA 0000000000		B. Transporter 1 Phone	
7. Transporter 2 Company Name ATLANTIC BIRCHFIELD		10. US EPA ID Number		C. State Transporter's ID (925) 634-6100	
9. Designated Facility Name and Site Address ATLANTIC BIRCHFIELD 1000 ATLANTIC PASS ROAD LINCOLN, CA 95020		10. US EPA ID Number		D. Transporter 2 Phone	
11. WASTE DESCRIPTION C A D 9 8 1 3 0 2 7		12. Containers 312		13. Total Quantity 49-63493	
a.		No.		Type	
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6100 DILLARD 1000 ATLANTIC PASS RD LINCOLN, CA 95020		14. Unit Wt/Vol.			
G. Additional Descriptions for Materials Listed Above 1. 55112400		H. Handling Codes for Wastes Listed Above			
18. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name		Signature		Date Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials Shane A. T...		Signature		Date Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
Printed/Typed Name		Signature		Date Month Day Year	
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name		Signature		Date Month Day Year	

NON-HAZARDOUS WASTE
GENERATOR
TRANSPORTER
FACILITY

ATTACHMENT E

UNAUTHORIZED RELEASE REPORT

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.	REPORT DATE: 0 1 2 0 0 3 CASE #
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REPORTED BY NAME OF INDIVIDUAL FILING REPORT: John Schetter PHONE: (530) 308-0495 SIGNATURE: _____	REPRESENTING: <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER COMPANY OR AGENCY NAME: BP West Coast Products LLC ADDRESS: Four Centerpointe Drive, LPR4-460 STREET: _____ CITY: La Palma STATE: CA ZIP: 90623
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RESPONSIBLE PARTY NAME: BP West Coast Products LLC CONTACT PERSON: John Schetter PHONE: (530) 308-0495	ADDRESS: Four Centerpointe Drive, LPR4-451 STREET: _____ CITY: La Palma STATE: CA ZIP: 90623
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SITE LOCATION FACILITY NAME (IF APPLICABLE): Arco Facility No. 2107 OPERATOR: NHON HA PHONE: 510-532-1716	ADDRESS: 3310 PARK BLVD STREET: _____ CITY: Oakland COUNTY: Alameda ZIP: 94610 CROSS STREET: Macarthur Blvd.
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IMPLEMENTING AGENCIES LOCAL AGENCY: Alameda County Environmental Health CONTACT PERSON: Ariu Levi PHONE: (510) 567-8862	REGIONAL BOARD: California Regional Water Quality Board 2 CONTACT PERSON: _____ PHONE: (510) 622-2460
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SUBSTANCES INVOLVED (1) NAME: Gasoline QUANTITY LOST (GALLONS): <input checked="" type="checkbox"/> UNKNOWN	(2) _____ <input type="checkbox"/> UNKNOWN
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DISCOVERY/ABATEMENT DATE DISCOVERED: 0 1 2 0 0 3 HOW DISCOVERED: <input type="checkbox"/> TANK TEST <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER Line Replacement	DATE DISCHARGE BEGAN: _____ <input checked="" type="checkbox"/> UNKNOWN METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> OTHER Replace product piping
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SOURCE/CAUSE SOURCE OF DISCHARGE: <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER CAUSE(S): <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER	CHECK ONLY ONE: <input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
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CURRENT STATUS CHECK ONLY ONE: <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY)	<input checked="" type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> CLEANUP UNDERWAY
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REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS): <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> VACUUM EXTRACT (VE)	<input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input checked="" type="checkbox"/> OTHER TBD <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GR) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VENT SOIL (VS)
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COMMENTS
 MtBE detected in soil sample S-D-7.5 @ 19 ppm. A soil report for the line upgrade will be issued soon.