



LETTER OF TRANSMITTAL

February 10, 2003

TO: Barney Chan
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

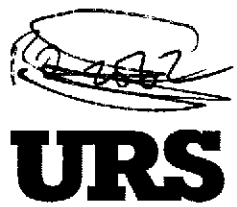
SUBJECT: Final Soil Sampling report for Arco Stations 276

Enclosed you will find one copy of the Soil Sampling Report for the line/dispenser upgrade work performed at Arco Station 276 in Oakland, CA. Due to a clerical error the previous report was submitted without our letter head, please discard the previous report submitted on 2/7/03. Should you have any questions regarding this report please call me at 408-297-9585.

Regards,

Cc: Scott Robinson, URS
Paul Supple, BP
Hernan Gomez, OFD

Handwritten signature/initials



Alameda County
FEB 11 2003
Environmental Health

LETTER OF TRANSMITTAL

DH/AG

February 7, 2003

TO: ~~Barney Chan~~
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 276

94605

Enclosed you will find one copy of the Soil Sampling Report for the line/dispenser upgrade work performed at Arco Stations 276 in Oakland, CA. Should you have any questions regarding this report please call me at 408-297-9585.

Regards,

Handwritten signature

Cc: Scott Robinson, URS
Paul Supple, BP
Hernan Gomez, OFD



~~20-256~~
R0 2565

January 21, 2003

Mr. Hernan E. Gomez
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. 276
10600 MacArthur Boulevard
Oakland, California
URS Project No. 38485980

Dear Mr. Gomez:

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 10600 MacArthur Boulevard, Oakland, California (Figures 1 and 2). Currently, the site is operated as an ARCO gasoline service station. The site is bound by 106th Avenue to the north, MacArthur Boulevard to the east, and commercial buildings to the south and west. The majority of the property is concrete and asphalt paved.

Current site structures include four double-walled fiberglass gasoline underground storage tanks (USTs), three 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 September 26, 2002, all dispensers and related double walled fiberglass piping was removed by the contractor, KE Curtis Construction. Prior to collecting soil samples, all sampling locations were reviewed, marked in the field, and approved by Mr. Hernan Gomez with the City of Oakland Fire Department, Hazardous Materials. URS collected soil samples below each dispenser and along the fuel-piping trenches.

Prior to sampling, URS personnel inspected the fuel 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, soil staining, or odors were detected.

URS Corporation
55 South Market Street, Suite 1500
San Jose, CA 95113
Tel: 408.297.9585
Fax: 408.297.6962

Measurable PID readings were recorded at all the sampling locations. Sampling location S1 showed higher than average PID readings at 350 parts per million (ppm). Consequently, URS personnel instructed the contractor to over-excavate to approximately 6 feet below ground surface (bgs) and an additional soil sample was collected (Sump1A).

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 S1 through S8) were collected at an approximate depth of 3 feet bgs at the former dispenser locations. Over-excavation sample Sump1A, was collected at 6 feet bgs (Figure 2).
- Eight soil samples (designated L1 through L8) were collected at an approximate depth of 3 feet bgs in the former product line trenches (Figure 2).

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

All soil samples reported non-detect (ND) concentrations for TPHg with the exception of sampling locations L2 (0.51 ppm), S2 (4.3 ppm) and S5 (14 ppm). Samples S3, S5 and S7 reported total xylene concentrations at 5.8 ppm, 3.1 ppm, and 4.3 ppm, respectively. All other sampling locations reported ND concentrations for BTEX. MTBE concentrations were reported at all sampling locations, except for L5, L7, L8, S3 and S7. MTBE concentrations ranged from 0.29 ppm to 160 ppm (Table 1).

Over-excavation soil sample Sump1A was collected on September 27, 2002 and analyzed for TPHg and BTEX constituents, which resulted in ND levels for all constituents.

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. Four soil samples were collected from the stockpiled soil on site and composited into one soil sample labeled Pile (A-D). Analytical results reported ND levels for TPHg and BTEX constituents. Analytical results for metals indicated concentrations commonly found in soils of the region (Table 2).

On October 5, 7 and 17, 2002, Dillard Environmental removed approximately 210 tons of soil and transported it to the Altamont Landfill, a Class II landfill located in Livermore, California.

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 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:

- Except for sampling location Sump1A, no over-excavation was performed at this site since no obviously stained soil or unusually high PID readings were encountered in the field. Subsequent soil sample analytical results for the over-excavated area and those not over-excavated supported the decision not to further over-excavate.
- 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.

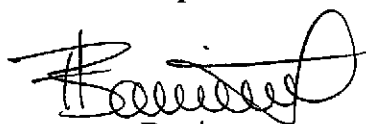
This report is based on data, site conditions, and other information that are generally applicable as of the date of the report, and the conclusions and recommendations herein are therefore applicable only to that time frame.

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. Barney Chan, Alameda County Health Care Services Agency
Project and Chron files

Soil Analytical Data
 ARCO Service Station 276
 10600 MacArthur Boulevard
 Oakland, California

TABLE 1

Soil Sample ID	Sample Depth (feet)	Date Sampled	TPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Xylenes (ppm)	MTBE (ppm)
S1	3	9/26/02	ND<0.5	ND<1.6	ND<1.6	ND<1.6	ND<1.6	8.9
S2	3	9/26/02	4.3	ND<2.3	ND<2.3	ND<2.3	ND<2.3	0.29
S3	3	9/26/02	ND<0.5	ND<2.3	ND<2.3	ND<2.3	5.8	ND<0.025
S4	3	9/26/02	ND<0.5	ND<1.8	ND<1.8	ND<1.8	ND<1.8	45
S5	3	9/26/02	14	ND<0.1	ND<0.1	ND<0.1	3.1	1.10
S6	3	9/26/02	ND<0.5	ND<1.4	ND<1.4	ND<1.4	ND<1.4	7.10
S7	3	9/26/02	ND<0.5	ND<2.4	ND<2.4	ND<2.4	4.3	ND<0.025
S8	3	9/26/02	ND<0.5	ND<1.9	ND<1.9	ND<1.9	ND<1.9	3
L1	3	9/26/02	ND<0.5	ND<0.1	ND<0.1	ND<0.1	ND<0.1	1.9
L2	3	9/26/02	0.51	ND<0.1	ND<0.1	ND<0.1	ND<0.1	2.4
L3	3	9/26/02	ND<0.5	ND<2.2	ND<2.2	ND<2.2	ND<2.2	22
L4	3	9/26/02	ND<0.5	ND<1.7	ND<1.7	ND<1.7	ND<1.7	160
L5	3	9/26/02	ND<0.5	ND<1.8	ND<1.8	ND<1.8	ND<1.8	ND<0.025
L6	3	9/26/02	ND<0.5	ND<3.8	ND<3.8	ND<3.8	ND<3.8	160
L7	3	9/26/02	ND<0.5	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.025
L8	3	9/26/02	ND<0.5	ND<1.6	ND<1.6	ND<1.6	ND<1.6	ND<0.025

TABLE 2

Soil Sample ID	Sample Depth (feet)	Date Sampled	TPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Xylenes (ppm)	Total Pb (ppm)
Pile A-D	--	9/27/02	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.01	8.9
Sump 1A	6	9/27/02	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.01	--

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

KNOWLAND
STATE PARK
AND
ARBORETUM

MACARTHUR BLVD

99TH AVE

**PROJECT
LOCATION**

H AVE

107TH AVE

BANCROFT AVE

DURANT AVE

MACARTHUR BLVD

580

VICTORIA AVE

VICTORIA CT

KENILWORTH AVE

200 m
1000 ft

URS

Project No. 38485980

ARCO Service Station 276
10600 MacArthur BLVD
Oakland, California

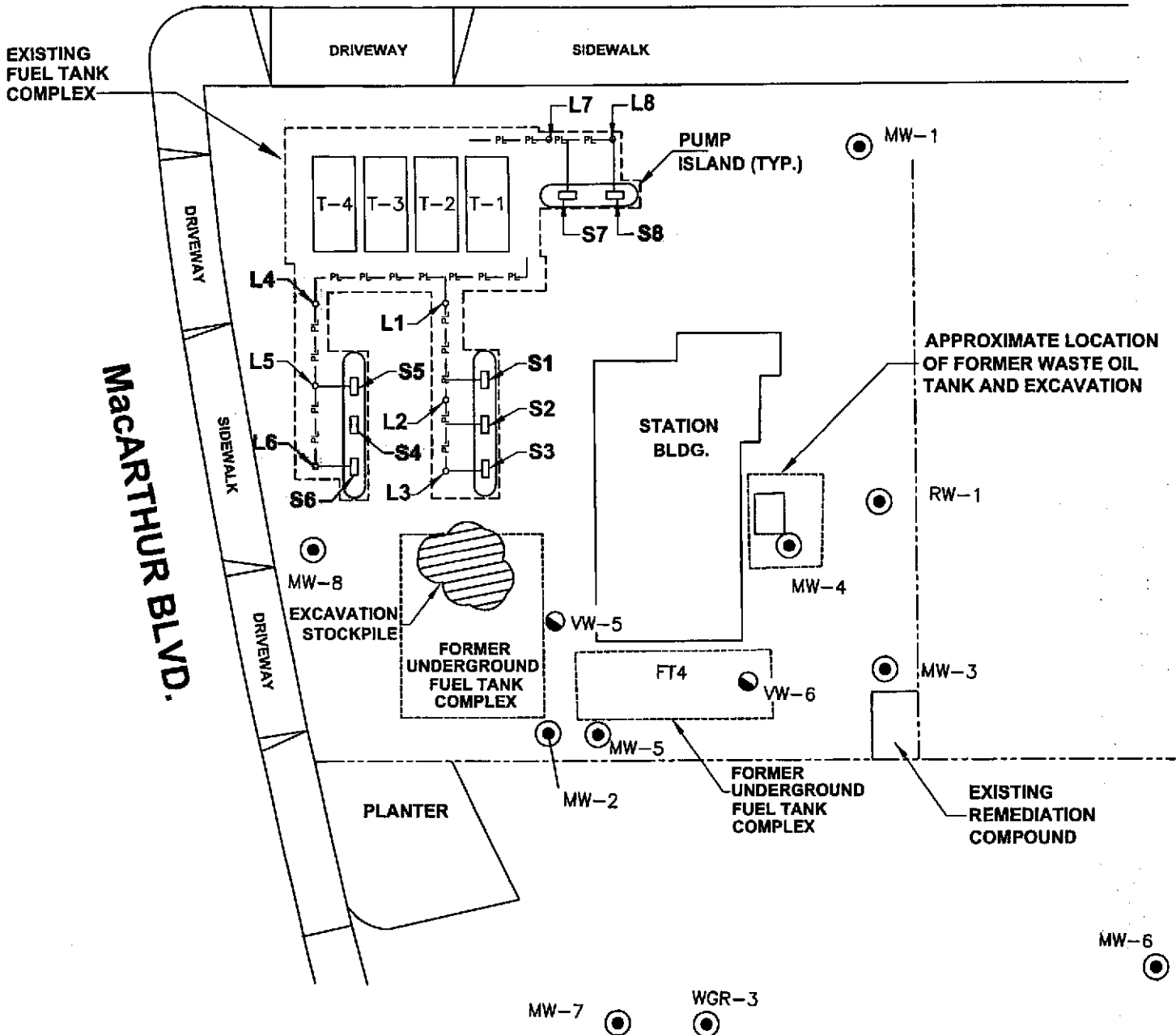
SITE LOCATION MAP

Figure
1

106TH AVENUE



NORTH



LEGEND:

- RW-1 GROUNDWATER MONITORING WELL
- VW-1 GROUNDWATER EXTRACTION WELL
- L1 FUEL LINE SAMPLING LOCATION
- S1 FUEL DISPENSER/SUMP SAMPLING LOCATION
- PL — EXPOSED PRODUCT LINE PIPING
- APPROXIMATE LIMITS OF EXCAVATION



Project No. 38485980

ARCO Service Station 276
10600 MacArthur Boulevard
Oakland, California

SOIL SAMPLING LOCATION PLAN
SEPTEMBER 26, 2002

Figure
2

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 Methods 8015B. For benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tert-butyl ether (MTBE), and metals including total 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

28 October, 2002

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

RE: ARCO #276, Oakland, CA
Sequoia Report: MLI0761

Enclosed are the results of analyses for samples received by the laboratory on 09/26/02 20:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Latonya K. Pelt

Latonya Pelt
Project Manager

CA ELAP Certificate #1210



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L1	MLI0761-01	Soil	09/26/02 08:38	09/26/02 20:40
L2	MLI0761-02	Soil	09/26/02 08:45	09/26/02 20:40
L3	MLI0761-03	Soil	09/26/02 10:05	09/26/02 20:40
L4	MLI0761-04	Soil	09/26/02 09:20	09/26/02 20:40
L5	MLI0761-05	Soil	09/26/02 09:40	09/26/02 20:40
L6	MLI0761-06	Soil	09/26/02 10:00	09/26/02 20:40
L7	MLI0761-07	Soil	09/26/02 10:25	09/26/02 20:40
L8	MLI0761-08	Soil	09/26/02 10:50	09/26/02 20:40
S1	MLI0761-09	Soil	09/26/02 08:50	09/26/02 20:40
S2	MLI0761-10	Soil	09/26/02 08:55	09/26/02 20:40
S3	MLI0761-11	Soil	09/26/02 09:02	09/26/02 20:40
S4	MLI0761-12	Soil	09/26/02 09:28	09/26/02 20:40
S5	MLI0761-13	Soil	09/26/02 09:50	09/26/02 20:40
S6	MLI0761-14	Soil	09/26/02 10:10	09/26/02 20:40
S7	MLI0761-15	Soil	09/26/02 10:38	09/26/02 20:40
S8	MLI0761-16	Soil	09/26/02 10:45	09/26/02 20:40

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 #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L1 (MLI0761-01) Soil Sampled: 09/26/02 08:38 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J03001	10/03/02	10/03/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		78.5 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		74.5 %	60-140		"	"	"	"	
L2 (MLI0761-02) Soil Sampled: 09/26/02 08:45 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	0.51	0.50	mg/kg	1	2J03001	10/03/02	10/03/02	8015Bm	HC-12
Surrogate: a,a,a-Trifluorotoluene		93.0 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.0 %	60-140		"	"	"	"	
L3 (MLI0761-03) Soil Sampled: 09/26/02 10:05 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J03001	10/03/02	10/03/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		92.0 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.0 %	60-140		"	"	"	"	
L4 (MLI0761-04) Soil Sampled: 09/26/02 09:20 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J03001	10/03/02	10/03/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		92.0 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	60-140		"	"	"	"	
L5 (MLI0761-05) Soil Sampled: 09/26/02 09:40 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J03001	10/03/02	10/03/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		102 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	60-140		"	"	"	"	
L6 (MLI0761-06) Soil Sampled: 09/26/02 10:00 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J03001	10/03/02	10/03/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		104 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.5 %	60-140		"	"	"	"	



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L7 (MLI0761-07) Soil Sampled: 09/26/02 10:25 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J03001	10/03/02	10/03/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		92.0 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	60-140		"	"	"	"	
L8 (MLI0761-08) Soil Sampled: 09/26/02 10:50 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J03001	10/03/02	10/03/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		91.0 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	60-140		"	"	"	"	
S1 (MLI0761-09) Soil Sampled: 09/26/02 08:50 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J09001	10/09/02	10/09/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		83.5 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.5 %	60-140		"	"	"	"	
S2 (MLI0761-10) Soil Sampled: 09/26/02 08:55 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	4.3	1.0	mg/kg	1	2J16040	10/16/02	10/16/02	8015Bm	HC-12,HT-03
Surrogate: a,a,a-Trifluorotoluene		85.0 %	64-145		"	"	"	"	HT-03
Surrogate: 4-Bromofluorobenzene		101 %	41-173		"	"	"	"	HT-03
S3 (MLI0761-11) Soil Sampled: 09/26/02 09:02 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J09001	10/09/02	10/09/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		81.0 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83.5 %	60-140		"	"	"	"	
S4 (MLI0761-12) Soil Sampled: 09/26/02 09:28 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J09001	10/09/02	10/09/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		87.5 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	60-140		"	"	"	"	



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S5 (MLI0761-13) Soil Sampled: 09/26/02 09:50 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	14	5.0	mg/kg	5	2J16040	10/16/02	10/16/02	8015Bm	HC-12,HT-03
Surrogate: <i>a,a,a</i> -Trifluorotoluene		79.0 %	64-145		"	"	"	"	HT-03
Surrogate: 4-Bromofluorobenzene		121 %	41-173		"	"	"	"	HT-03
S6 (MLI0761-14) Soil Sampled: 09/26/02 10:10 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J09001	10/09/02	10/09/02	8015Bm	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		85.0 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.0 %	60-140		"	"	"	"	
S7 (MLI0761-15) Soil Sampled: 09/26/02 10:38 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J09001	10/09/02	10/09/02	8015Bm	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		82.0 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	60-140		"	"	"	"	
S8 (MLI0761-16) Soil Sampled: 09/26/02 10:45 Received: 09/26/02 20:40									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J09001	10/09/02	10/09/02	8015Bm	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		78.0 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	60-140		"	"	"	"	



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

MTBE by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L1 (MLI0761-01) Soil Sampled: 09/26/02 08:38 Received: 09/26/02 20:40									
Methyl tert-butyl ether	1.9	0.050	mg/kg	2	2J09025	10/08/02	10/10/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		111 %	60-140		"	"	"	"	
L2 (MLI0761-02) Soil Sampled: 09/26/02 08:45 Received: 09/26/02 20:40									
Methyl tert-butyl ether	2.4	0.050	mg/kg	2	2J09025	10/08/02	10/10/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		111 %	60-140		"	"	"	"	
L3 (MLI0761-03) Soil Sampled: 09/26/02 10:05 Received: 09/26/02 20:40									
Methyl tert-butyl ether	22	2.2	ug/kg	4.5	2J03027	10/03/02	10/03/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		88.0 %	60-140		"	"	"	"	
L4 (MLI0761-04) Soil Sampled: 09/26/02 09:20 Received: 09/26/02 20:40									
Methyl tert-butyl ether	160	1.7	ug/kg	99999427	2J02026	10/02/02	10/03/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		114 %	60-140		"	"	"	"	
L5 (MLI0761-05) Soil Sampled: 09/26/02 09:40 Received: 09/26/02 20:40									
Methyl tert-butyl ether	ND	1.8	ug/kg	99998855	2J02026	10/02/02	10/03/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		111 %	60-140		"	"	"	"	
L6 (MLI0761-06) Soil Sampled: 09/26/02 10:00 Received: 09/26/02 20:40									
Methyl tert-butyl ether	160	3.8	ug/kg	99999237	2J03027	10/03/02	10/03/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		89.4 %	60-140		"	"	"	"	
L7 (MLI0761-07) Soil Sampled: 09/26/02 10:25 Received: 09/26/02 20:40									
Methyl tert-butyl ether	ND	2.0	ug/kg	4	2J02026	10/02/02	10/03/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		115 %	60-140		"	"	"	"	



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

MTBE by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L8 (MLI0761-08) Soil Sampled: 09/26/02 10:50 Received: 09/26/02 20:40									
Methyl tert-butyl ether	ND	1.6	ug/kg	39999618	2J02026	10/02/02	10/03/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		111 %	60-140		"	"	"	"	
S1 (MLI0761-09) Soil Sampled: 09/26/02 08:50 Received: 09/26/02 20:40									
Methyl tert-butyl ether	8.9	1.6	ug/kg	30001144	2130012	09/29/02	09/30/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		107 %	60-140		"	"	"	"	
S2 (MLI0761-10) Soil Sampled: 09/26/02 08:55 Received: 09/26/02 20:40									
Methyl tert-butyl ether	0.29	0.050	mg/kg	2	2J09025	10/08/02	10/10/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		113 %	60-140		"	"	"	"	
S3 (MLI0761-11) Soil Sampled: 09/26/02 09:02 Received: 09/26/02 20:40									
Methyl tert-butyl ether	ND	2.3	ug/kg	30001144	2J02026	10/02/02	10/03/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		103 %	60-140		"	"	"	"	
S4 (MLI0761-12) Soil Sampled: 09/26/02 09:28 Received: 09/26/02 20:40									
Methyl tert-butyl ether	45	1.8	ug/kg	3.5	2J02026	10/02/02	10/03/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		107 %	60-140		"	"	"	"	
S5 (MLI0761-13) Soil Sampled: 09/26/02 09:50 Received: 09/26/02 20:40									
Methyl tert-butyl ether	1.1	0.050	mg/kg	2	2J09025	10/08/02	10/10/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		109 %	60-140		"	"	"	"	
S6 (MLI0761-14) Soil Sampled: 09/26/02 10:10 Received: 09/26/02 20:40									
Methyl tert-butyl ether	7.1	1.4	ug/kg	30000190	2J03027	10/03/02	10/03/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	60-140		"	"	"	"	



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

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

Project: ARCO #276, Oakland, CA
 Project Number: ARCO #276, Oakland, CA
 Project Manager: Scott Robinson

Reported:
 10/28/02 09:30

MTBE by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S7 (MLI0761-15) Soil Sampled: 09/26/02 10:38 Received: 09/26/02 20:40									
Methyl tert-butyl ether	ND	2.4	ug/kg	99999046: 2J02026		10/02/02	10/03/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		104 %	60-140		"	"	"	"	
S8 (MLI0761-16) Soil Sampled: 09/26/02 10:45 Received: 09/26/02 20:40									
Methyl tert-butyl ether	3.0	1.9	ug/kg	99999041: 2J02026		10/02/02	10/03/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	60-140		"	"	"	"	



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L1 (MLI0761-01) Soil Sampled: 09/26/02 08:38 Received: 09/26/02 20:40									
Benzene	ND	0.10	mg/kg	2	2J09025	10/08/02	10/10/02	EPA 8260B	
Toluene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
Total Xylenes	ND	0.10	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		111 %	60-140	"	"	"	"	"	
L2 (MLI0761-02) Soil Sampled: 09/26/02 08:45 Received: 09/26/02 20:40									
Benzene	ND	0.10	mg/kg	2	2J09025	10/08/02	10/10/02	EPA 8260B	
Toluene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
Total Xylenes	ND	0.10	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		111 %	60-140	"	"	"	"	"	
S2 (MLI0761-10) Soil Sampled: 09/26/02 08:55 Received: 09/26/02 20:40									
Benzene	ND	0.10	mg/kg	2	2J09025	10/08/02	10/10/02	EPA 8260B	
Toluene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
Total Xylenes	0.42	0.10	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	60-140	"	"	"	"	"	
S5 (MLI0761-13) Soil Sampled: 09/26/02 09:50 Received: 09/26/02 20:40									
Benzene	ND	0.10	mg/kg	2	2J09025	10/08/02	10/10/02	EPA 8260B	
Toluene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
Total Xylenes	3.1	0.10	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	60-140	"	"	"	"	"	



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L3 (MLI0761-03) Soil Sampled: 09/26/02 10:05 Received: 09/26/02 20:40									
Benzene	ND	2.2	ug/kg	4.5	2J03027	10/03/02	10/03/02	EPA 8260B	
Ethylbenzene	ND	2.2	"	"	"	"	"	"	
Toluene	ND	2.2	"	"	"	"	"	"	
Total Xylenes	ND	2.2	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		91.2 %	60-140		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		88.0 %	60-140		"	"	"	"	
Surrogate: Toluene-d8		84.4 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	60-140		"	"	"	"	
L4 (MLI0761-04) Soil Sampled: 09/26/02 09:20 Received: 09/26/02 20:40									
Benzene	ND	1.7	ug/kg	99999427	2J02026	10/02/02	10/03/02	EPA 8260B	
Ethylbenzene	ND	1.7	"	"	"	"	"	"	
Toluene	ND	1.7	"	"	"	"	"	"	
Total Xylenes	ND	1.7	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		110 %	60-140		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		114 %	60-140		"	"	"	"	
Surrogate: Toluene-d8		86.4 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	60-140		"	"	"	"	
L5 (MLI0761-05) Soil Sampled: 09/26/02 09:40 Received: 09/26/02 20:40									
Benzene	ND	1.8	ug/kg	99998855	2J02026	10/02/02	10/03/02	EPA 8260B	
Ethylbenzene	ND	1.8	"	"	"	"	"	"	
Toluene	ND	1.8	"	"	"	"	"	"	
Total Xylenes	ND	1.8	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		110 %	60-140		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		111 %	60-140		"	"	"	"	
Surrogate: Toluene-d8		89.0 %	60-140		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.8 %	60-140		"	"	"	"	



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L6 (MLI0761-06) Soil Sampled: 09/26/02 10:00 Received: 09/26/02 20:40									
Benzene	ND	3.8	ug/kg	999992371	2J03027	10/03/02	10/03/02	EPA 8260B	
Ethylbenzene	ND	3.8	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Total Xylenes	ND	3.8	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		93.6 %	60-140	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.4 %	60-140	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		83.0 %	60-140	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %	60-140	"	"	"	"	"	
L7 (MLI0761-07) Soil Sampled: 09/26/02 10:25 Received: 09/26/02 20:40									
Benzene	ND	2.0	ug/kg	4	2J02026	10/02/02	10/03/02	EPA 8260B	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Total Xylenes	ND	2.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		112 %	60-140	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	60-140	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		90.6 %	60-140	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.4 %	60-140	"	"	"	"	"	
L8 (MLI0761-08) Soil Sampled: 09/26/02 10:50 Received: 09/26/02 20:40									
Benzene	ND	1.6	ug/kg	99999618:	2J02026	10/02/02	10/03/02	EPA 8260B	
Ethylbenzene	ND	1.6	"	"	"	"	"	"	
Toluene	ND	1.6	"	"	"	"	"	"	
Total Xylenes	ND	1.6	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		62.0 %	60-140	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		111 %	60-140	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		84.8 %	60-140	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.4 %	60-140	"	"	"	"	"	



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1 (MLI0761-09) Soil Sampled: 09/26/02 08:50 Received: 09/26/02 20:40									
Benzene	ND	1.6	ug/kg	30001144	2130012	09/29/02	09/30/02	EPA 8260B	
Ethylbenzene	ND	1.6	"	"	"	"	"	"	
Toluene	ND	1.6	"	"	"	"	"	"	
Total Xylenes	ND	1.6	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		101 %	60-140	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		107 %	60-140	"	"	"	"	"	
Surrogate: Toluene-d8		89.8 %	60-140	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	60-140	"	"	"	"	"	
S3 (MLI0761-11) Soil Sampled: 09/26/02 09:02 Received: 09/26/02 20:40									
Benzene	ND	2.3	ug/kg	30001144	2102026	10/02/02	10/03/02	EPA 8260B	
Ethylbenzene	ND	2.3	"	"	"	"	"	"	
Toluene	ND	2.3	"	"	"	"	"	"	
Total Xylenes	5.8	2.3	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		108 %	60-140	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		103 %	60-140	"	"	"	"	"	
Surrogate: Toluene-d8		88.6 %	60-140	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.2 %	60-140	"	"	"	"	"	
S4 (MLI0761-12) Soil Sampled: 09/26/02 09:28 Received: 09/26/02 20:40									
Benzene	ND	1.8	ug/kg	3.5	2102026	10/02/02	10/03/02	EPA 8260B	
Ethylbenzene	ND	1.8	"	"	"	"	"	"	
Toluene	ND	1.8	"	"	"	"	"	"	
Total Xylenes	ND	1.8	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		108 %	60-140	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		107 %	60-140	"	"	"	"	"	
Surrogate: Toluene-d8		88.2 %	60-140	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	60-140	"	"	"	"	"	



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S6 (MLI0761-14) Soil Sampled: 09/26/02 10:10 Received: 09/26/02 20:40									
Benzene	ND	1.4	ug/kg	30000190	2J03027	10/03/02	10/03/02	EPA 8260B	
Ethylbenzene	ND	1.4	"	"	"	"	"	"	
Toluene	ND	1.4	"	"	"	"	"	"	
Total Xylenes	ND	1.4	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		91.6 %	60-140	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	60-140	"	"	"	"	"	
Surrogate: Toluene-d8		84.0 %	60-140	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	60-140	"	"	"	"	"	
S7 (MLI0761-15) Soil Sampled: 09/26/02 10:38 Received: 09/26/02 20:40									
Benzene	ND	2.4	ug/kg	39999046	2J02026	10/02/02	10/03/02	EPA 8260B	
Ethylbenzene	ND	2.4	"	"	"	"	"	"	
Toluene	ND	2.4	"	"	"	"	"	"	
Total Xylenes	4.3	2.4	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		99.6 %	60-140	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		104 %	60-140	"	"	"	"	"	
Surrogate: Toluene-d8		85.0 %	60-140	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.8 %	60-140	"	"	"	"	"	
S8 (MLI0761-16) Soil Sampled: 09/26/02 10:45 Received: 09/26/02 20:40									
Benzene	ND	1.9	ug/kg	39999046	2J02026	10/02/02	10/03/02	EPA 8260B	
Ethylbenzene	ND	1.9	"	"	"	"	"	"	
Toluene	ND	1.9	"	"	"	"	"	"	
Total Xylenes	ND	1.9	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		101 %	60-140	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	60-140	"	"	"	"	"	
Surrogate: Toluene-d8		86.6 %	60-140	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	60-140	"	"	"	"	"	



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

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 2J03001 - EPA 5030B [P/T]

Blank (2J03001-BLK1)

Prepared & Analyzed: 10/03/02

Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0209		"	0.0200		104	60-140			
Surrogate: 4-Bromofluorobenzene	0.0191		"	0.0200		95.5	60-140			

LCS (2J03001-BS2)

Prepared & Analyzed: 10/03/02

Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	0.500		97.0	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0221		"	0.0200		110	60-140			
Surrogate: 4-Bromofluorobenzene	0.0250		"	0.0200		125	60-140			

Matrix Spike (2J03001-MS1)

Source: MLI0761-03

Prepared & Analyzed: 10/03/02

Gasoline Range Organics (C6-C10)	0.802	0.50	mg/kg	1.10	ND	72.9	60-140			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0213		"	0.0200		106	60-140			
Surrogate: 4-Bromofluorobenzene	0.0201		"	0.0200		100	60-140			

Matrix Spike Dup (2J03001-MSD1)

Source: MLI0761-03

Prepared & Analyzed: 10/03/02

Gasoline Range Organics (C6-C10)	0.884	0.50	mg/kg	1.10	ND	80.4	60-140	9.73	25	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0212		"	0.0200		106	60-140			
Surrogate: 4-Bromofluorobenzene	0.0220		"	0.0200		110	60-140			

Batch 2J09001 - EPA 5030B [P/T]

Blank (2J09001-BLK1)

Prepared & Analyzed: 10/09/02

Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0145		"	0.0200		72.5	60-140			
Surrogate: 4-Bromofluorobenzene	0.0154		"	0.0200		77.0	60-140			

LCS (2J09001-BS2)

Prepared & Analyzed: 10/09/02

Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	0.500		86.0	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0176		"	0.0200		88.0	60-140			
Surrogate: 4-Bromofluorobenzene	0.0216		"	0.0200		108	60-140			



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

**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 2J09001 - EPA 5030B [P/T]

Matrix Spike (2J09001-MS1)

Source: MLI0709-01

Prepared & Analyzed: 10/09/02

Gasoline Range Organics (C6-C10)	0.667	0.50	mg/kg	1.10	ND	60.6	60-140			
Surrogate: a,a,a-Trifluorotoluene	0.0193		"	0.0200		96.5	60-140			
Surrogate: 4-Bromofluorobenzene	0.0210		"	0.0200		105	60-140			

Matrix Spike Dup (2J09001-MSD1)

Source: MLI0709-01

Prepared & Analyzed: 10/09/02

Gasoline Range Organics (C6-C10)	0.613	0.50	mg/kg	1.10	ND	55.7	60-140	8.44	25	QR-02
Surrogate: a,a,a-Trifluorotoluene	0.0190		"	0.0200		95.0	60-140			
Surrogate: 4-Bromofluorobenzene	0.0212		"	0.0200		106	60-140			

Batch 2J16040 - EPA 5030B [P/T]

Blank (2J16040-BLK1)

Prepared & Analyzed: 10/16/02

Gasoline Range Organics (C6-C10)	ND	1.0	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	0.169		"	0.200		84.5	64-145			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.200		60.5	41-173			

LCS (2J16040-BS1)

Prepared & Analyzed: 10/16/02

Gasoline Range Organics (C6-C10)	3.61	1.0	mg/kg	5.00		72.2	63-143			
Surrogate: a,a,a-Trifluorotoluene	0.166		"	0.200		83.0	64-145			
Surrogate: 4-Bromofluorobenzene	0.177		"	0.200		88.5	41-173			

LCS Dup (2J16040-BSD1)

Prepared & Analyzed: 10/16/02

Gasoline Range Organics (C6-C10)	4.04	1.0	mg/kg	5.00		80.8	63-143	11.2	21	
Surrogate: a,a,a-Trifluorotoluene	0.184		"	0.200		92.0	64-145			
Surrogate: 4-Bromofluorobenzene	0.206		"	0.200		103	41-173			

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

 Project: ARCO #276, Oakland, CA
 Project Number: ARCO #276, Oakland, CA
 Project Manager: Scott Robinson

 Reported:
 10/28/02 09:30

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 2I30012 - EPA 5035										
Blank (2I30012-BLK1) Prepared & Analyzed: 09/29/02										
Methyl tert-butyl ether	ND	0.50	ug/kg							
Surrogate: 1,2-Dichloroethane-d4	4.89		"	5.00		97.8	60-140			
LCS (2I30012-BS1) Prepared & Analyzed: 09/29/02										
Methyl tert-butyl ether	11.5	0.50	ug/kg	10.0		115	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.00		"	5.00		100	60-140			
Matrix Spike (2I30012-MS1) Source: MLI0706-01 Prepared & Analyzed: 09/29/02										
Methyl tert-butyl ether	32.6	1.5	ug/kg	29.6	ND	110	70-130			
Surrogate: 1,2-Dichloroethane-d4	5.24		"	5.00		105	60-140			
Matrix Spike Dup (2I30012-MSD1) Source: MLI0706-01 Prepared & Analyzed: 09/29/02										
Methyl tert-butyl ether	31.7	1.5	ug/kg	29.1	ND	109	70-130	2.80	25	
Surrogate: 1,2-Dichloroethane-d4	4.96		"	5.00		99.2	60-140			
Batch 2J02026 - EPA 5035										
Blank (2J02026-BLK1) Prepared & Analyzed: 10/02/02										
Methyl tert-butyl ether	ND	0.50	ug/kg							
Surrogate: 1,2-Dichloroethane-d4	5.16		"	5.00		103	60-140			
LCS (2J02026-BS1) Prepared & Analyzed: 10/02/02										
Methyl tert-butyl ether	11.8	0.50	ug/kg	10.0		118	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.84		"	5.00		96.8	60-140			
Matrix Spike (2J02026-MS1) Source: MLJ0027-01 Prepared & Analyzed: 10/02/02										
Methyl tert-butyl ether	50.3	2.2	ug/kg	44.2	ND	114	70-130			
Surrogate: 1,2-Dichloroethane-d4	4.97		"	5.00		99.4	60-140			



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

**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 2J02026 - EPA 5035

Matrix Spike Dup (2J02026-MSD1)

Source: MLJ0027-01

Prepared & Analyzed: 10/02/02

Methyl tert-butyl ether	48.3	2.1	ug/kg	42.7	ND	113	70-130	4.06	25	
Surrogate: 1,2-Dichloroethane-d4	5.10		"	5.00		102	60-140			

Batch 2J03027 - EPA 5035

Blank (2J03027-BLK1)

Prepared & Analyzed: 10/03/02

Methyl tert-butyl ether	ND	0.50	ug/kg							
Surrogate: 1,2-Dichloroethane-d4	4.47		"	5.00		89.4	60-140			

LCS (2J03027-BS1)

Prepared & Analyzed: 10/03/02

Methyl tert-butyl ether	10.8	0.50	ug/kg	10.0		108	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.52		"	5.00		90.4	60-140			

LCS Dup (2J03027-BSD1)

Prepared & Analyzed: 10/03/02

Methyl tert-butyl ether	9.93	0.50	ug/kg	10.0		99.3	60-140	8.39	25	
Surrogate: 1,2-Dichloroethane-d4	4.37		"	5.00		87.4	60-140			

Batch 2J09025 - EPA 5030B MeOH

Blank (2J09025-BLK1)

Prepared: 10/08/02 Analyzed: 10/11/02

Methyl tert-butyl ether	ND	0.025	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.00497		"	0.00500		99.4	60-140			

LCS (2J09025-BS1)

Prepared: 10/08/02 Analyzed: 10/11/02

Methyl tert-butyl ether	1.01	0.025	mg/kg	1.00		101	60-140			
Surrogate: 1,2-Dichloroethane-d4	0.00511		"	0.00500		102	60-140			



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 2J09025 - EPA 5030B MeOH									
LCS Dup (2J09025-BSD1)					Prepared: 10/08/02 Analyzed: 10/12/02				
Methyl tert-butyl ether	0.942	0.025	mg/kg	1.00		94.2 60-140	6.97	11	
Surrogate: 1,2-Dichloroethane-d4	0.00533		"	0.00500		107 60-140			



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

**BTEX by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill**

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

Batch 2J09025 - EPA 5030B MeOH

Blank (2J09025-BLK1)

Prepared: 10/08/02 Analyzed: 10/11/02

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	"							
Ethylbenzene	ND	0.050	"							
Total Xylenes	ND	0.050	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.00497</i>		<i>"</i>	<i>0.00500</i>		<i>99.4</i>	<i>60-140</i>			

LCS (2J09025-BS1)

Prepared: 10/08/02 Analyzed: 10/11/02

Benzene	1.21	0.050	mg/kg	1.25		96.8	60-140			
Toluene	1.24	0.050	"	1.25		99.2	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.00511</i>		<i>"</i>	<i>0.00500</i>		<i>102</i>	<i>60-140</i>			

LCS (2J09025-BS2)

Prepared: 10/08/02 Analyzed: 10/11/02

Benzene	0.115	0.050	mg/kg				60-140			
Toluene	0.579	0.050	"				60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.00483</i>		<i>"</i>	<i>0.00500</i>		<i>96.6</i>	<i>60-140</i>			

LCS Dup (2J09025-BSD1)

Prepared: 10/08/02 Analyzed: 10/12/02

Benzene	1.32	0.050	mg/kg	1.25		106	60-140	8.70	25	
Toluene	1.35	0.050	"	1.25		108	60-140	8.49	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.00533</i>		<i>"</i>	<i>0.00500</i>		<i>107</i>	<i>60-140</i>			



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2I30012 - EPA 5035										
Blank (2I30012-BLK1) Prepared & Analyzed: 09/29/02										
Benzene	ND	0.50	ug/kg							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Total Xylenes	ND	0.50	"							
<i>Surrogate: Dibromofluoromethane</i>	4.79		"	5.00		95.8	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.89		"	5.00		97.8	60-140			
<i>Surrogate: Toluene-d8</i>	4.24		"	5.00		84.8	60-140			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.12		"	5.00		102	60-140			
LCS (2I30012-BS1) Prepared & Analyzed: 09/29/02										
Benzene	10.5	0.50	ug/kg	10.0		105	60-140			
Toluene	9.84	0.50	"	10.0		98.4	60-140			
<i>Surrogate: Dibromofluoromethane</i>	5.42		"	5.00		108	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.00		"	5.00		100	60-140			
<i>Surrogate: Toluene-d8</i>	4.38		"	5.00		87.6	60-140			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.24		"	5.00		105	60-140			
Matrix Spike (2I30012-MS1) Source: MLI0706-01 Prepared & Analyzed: 09/29/02										
Benzene	31.1	1.5	ug/kg	29.6	ND	105	60-140			
Toluene	29.3	1.5	"	29.6	ND	99.0	60-140			
<i>Surrogate: Dibromofluoromethane</i>	5.34		"	5.00		107	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.24		"	5.00		105	60-140			
<i>Surrogate: Toluene-d8</i>	4.58		"	5.00		91.6	60-140			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.24		"	5.00		105	60-140			
Matrix Spike Dup (2I30012-MSD1) Source: MLI0706-01 Prepared & Analyzed: 09/29/02										
Benzene	30.1	1.5	ug/kg	29.1	ND	103	60-140	3.27	25	
Toluene	28.3	1.5	"	29.1	ND	97.3	60-140	3.47	25	
<i>Surrogate: Dibromofluoromethane</i>	5.27		"	5.00		105	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.96		"	5.00		99.2	60-140			
<i>Surrogate: Toluene-d8</i>	4.40		"	5.00		88.0	60-140			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.14		"	5.00		103	60-140			



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

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

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

Batch 2J02026 - EPA 5035

Blank (2J02026-BLK1)

Prepared & Analyzed: 10/02/02

Benzene	ND	0.50	ug/kg							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Total Xylenes	ND	0.50	"							
Surrogate: Dibromofluoromethane	5.25		"	5.00		105	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.16		"	5.00		103	60-140			
Surrogate: Toluene-d8	4.29		"	5.00		85.8	60-140			
Surrogate: 4-Bromofluorobenzene	5.17		"	5.00		103	60-140			

LCS (2J02026-BS1)

Prepared & Analyzed: 10/02/02

Benzene	10.6	0.50	ug/kg	10.0		106	60-140			
Toluene	9.21	0.50	"	10.0		92.1	60-140			
Surrogate: Dibromofluoromethane	5.38		"	5.00		108	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.84		"	5.00		96.8	60-140			
Surrogate: Toluene-d8	4.09		"	5.00		81.8	60-140			
Surrogate: 4-Bromofluorobenzene	5.32		"	5.00		106	60-140			

Matrix Spike (2J02026-MS1)

Source: MLJ0027-01

Prepared & Analyzed: 10/02/02

Benzene	46.3	2.2	ug/kg	44.2	ND	105	60-140			
Toluene	42.0	2.2	"	44.2	ND	95.0	60-140			
Surrogate: Dibromofluoromethane	5.72		"	5.00		114	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.97		"	5.00		99.4	60-140			
Surrogate: Toluene-d8	4.57		"	5.00		91.4	60-140			
Surrogate: 4-Bromofluorobenzene	5.68		"	5.00		114	60-140			

Matrix Spike Dup (2J02026-MSD1)

Source: MLJ0027-01

Prepared & Analyzed: 10/02/02

Benzene	45.9	2.1	ug/kg	42.7	ND	107	60-140	0.868	25	
Toluene	40.6	2.1	"	42.7	ND	95.1	60-140	3.39	25	
Surrogate: Dibromofluoromethane	5.61		"	5.00		112	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.10		"	5.00		102	60-140			
Surrogate: Toluene-d8	4.43		"	5.00		88.6	60-140			
Surrogate: 4-Bromofluorobenzene	5.13		"	5.00		103	60-140			



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

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

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

Batch 2J03027 - EPA 5035

Blank (2J03027-BLK1)

Prepared & Analyzed: 10/03/02

Benzene	ND	0.50	ug/kg							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Total Xylenes	ND	0.50	"							
Surrogate: Dibromofluoromethane	4.88		"	5.00		97.6	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.47		"	5.00		89.4	60-140			
Surrogate: Toluene-d8	4.25		"	5.00		85.0	60-140			
Surrogate: 4-Bromofluorobenzene	5.09		"	5.00		102	60-140			

LCS (2J03027-BS1)

Prepared & Analyzed: 10/03/02

Benzene	9.91	0.50	ug/kg	10.0		99.1	60-140			
Toluene	9.59	0.50	"	10.0		95.9	60-140			
Surrogate: Dibromofluoromethane	4.94		"	5.00		98.8	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.52		"	5.00		90.4	60-140			
Surrogate: Toluene-d8	4.34		"	5.00		86.8	60-140			
Surrogate: 4-Bromofluorobenzene	5.08		"	5.00		102	60-140			

LCS Dup (2J03027-BSD1)

Prepared & Analyzed: 10/03/02

Benzene	9.34	0.50	ug/kg	10.0		93.4	60-140	5.92	25	
Toluene	9.14	0.50	"	10.0		91.4	60-140	4.81	25	
Surrogate: Dibromofluoromethane	5.07		"	5.00		101	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.37		"	5.00		87.4	60-140			
Surrogate: Toluene-d8	4.26		"	5.00		85.2	60-140			
Surrogate: 4-Bromofluorobenzene	5.04		"	5.00		101	60-140			



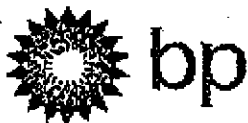
URS Corporation
500 12th Street, Suite 100
Oakland CA, 94607

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/28/02 09:30

Notes and Definitions

- HC-12 Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
- HT-03 This sample was extracted beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
- QR-02 The RPD result exceeded the control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



Chain of Custody Record

Project Name 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: 9/26/02

Requested Due Date: (mm/dd/yy - List date 2 weeks from sampling date) **ML10761**

On-site Time: 0800	Temp: 67°
Off-site Time: 1300	Temp: 79°
Sky Conditions: clear	
Meteorological Events: none	
Wind Speed: 3	Direction: SW

Send To:	BP/GEM Facility No.: Station 276	Consultant: URS Oakland
Lab Name: Sequoia Analytical	BP/GEM Facility Address: 10600 MacArthur Blvd., Oakland CA 95037	Address: 500 12th Street, #200
Lab Address: 8890 ... Drive	Site ID No. Station 276	Oakland, CA 94607
Walnut Creek, CA	California Global ID #:	e-mail EDD: Henry.Barricatos@URSCorp.com
Lab PM: ...	BP/GEM PM Contact: Paul Supple	Consultant Project No.:
Tele/Fax: 488-782-8154/488-782-8208	Address: P.O. Box 6549, Moraga, CA 94570	Consultant Tele/Fax: 510-893-3600
Report Type & QC Level: Normal	Tele/Fax: 925-299-8891/925-299-8872	Consultant PM: Scott Robinson
BP/GEM Account No.:		Invoice to: BP West Coast Products
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)	BTX-E (8260)	MTBE (8260)	
1		L 1	8:58	X				01	1	X				X	X	X	21°
2		L 2	8:45	X				02	1	X				X	X	X	
3		L 3	10:05	X				03	1	X				X	X	X	
4		L 4	9:20	X				04	1	X				X	X	X	
5		L 5	9:40	X				05	1	X				X	X	X	
6		L 6	10:00	X				06	1	X				X	X	X	
7		L 7	10:25	X				07	1	X				X	X	X	
8		L 8	10:50	X				08	1	X				X	X	X	
9																	
10																	

Sample's Name:	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Todd Trammell	Todd L. Trammell	9/26/02	1500	[Signature]	9/26/02	1500
URS Oakland	URS Oakland	9/26/02	1500	[Signature]	9/26/02	1500
Shipment Date:	Mike Golin	9/26	2040	[Signature]	9/26/02	2040
Shipment Method: Hand Deliver	SWR SGL			[Signature]		
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



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

Requested Due Date:

(mm/dd/yy - List date 2 weeks from sampling date)

MLEOTG1

Date: 9/26/02

On-site Time: 0800	Temp: 62°
Off-site Time: 1300	Temp: 79°
Sky Conditions: Clear	
Meteorological Events: none	
Wind Speed: 3	Direction: SW

Send To:	BP/GEM Facility No.: Station 276	Consultant: URS Oakland
Lab Name: Sequoia Analytical	BP/GEM Facility Address: 10600 MacArthur Blvd., Oakland CA 94607	Address: 500 12th Street, #200
Lab Address: 880 Jarvis Drive	Site ID No. Station 276	Oakland, CA 94607
Houston, TX 77058	California Global ID #:	e-mail EDD: Henry_Barricatos@URSCorp.com
WALNUT CREEK, CA	BP/GEM PM Contact: Paul Supple	Consultant Project No.:
Lab PM: Lorraine Bell	Address: P.O. Box 6549, Moraga, CA 94570	Consultant Tele/Fax: 510-893-3600
Tele/Fax: 408-782-8154/408-782-6308	Tele/Fax: 925-299-3891/925-299-3872	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
				Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	TPH-g (8015)	BTEX (8260)	
1	*	S1	8:30	X				01	1	X			X	X	X	2P
2		S2	8:55	X				10	1	X			X	X	X	
3		S3	9:02	X				25	1	X			X	X	X	
4		S4	9:28	X				26	1	Y			X	X	X	
5		S5	9:50	X				27	1	Y			X	X	X	
6		S6	10:10	X				28	1	Y			X	X	X	
7		S7	10:38	X				29	1	X			X	X	X	
8		S8	10:45	X				19	1	Y			X	X	X	
9																
10																

Sampler's Name:	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Todd Trammell	Todd Trammell	9/26/02	1400	[Signature]	9/26/02	1400
URS Oakland	URS Oakland	9/26/02	1700	[Signature]	9/26/02	1740
Hand Deliver	Hand Deliver	9/26/02	2040	[Signature]	9/26/02	2040

Special Instructions: CAP 2002
 ALL SAMPLES 24 HR
 Body Seals In Place Yes No Temperature Blank Yes No Cooler Temperature on Receipt _____ °F/C Trip Blank Yes No



**Sequoia
Analytical**

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

3 October, 2002

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

RE: ARCO #276, Oakland, CA
Sequoia Report: MLI0762

Enclosed are the results of analyses for samples received by the laboratory on 09/27/02 15:30. 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 #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/03/02 11:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Pile (A-D)	MLI0762-01	Soil	09/27/02 08:26	09/27/02 15:30
Sump 1A	MLI0762-02	Soil	09/27/02 09:50	09/27/02 15:30

Sequoia Analytical - Morgan Hill

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.

Latonya Pelt, Project Manager



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/03/02 11:39

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Pile (A-D) (MLI0762-01) Soil Sampled: 09/27/02 08:26 Received: 09/27/02 15:30									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J01019	10/01/02	10/02/02	8015Bm/8021	B
Benzene	ND	0.0050	"	"	"	"	"	"	"
Toluene	ND	0.0050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.010	"	"	"	"	"	"	"
Surrogate: <i>a,a,a</i> -Trifluorotoluene		97.0 %	60-140		"	"	"	"	"
Surrogate: 4-Bromofluorobenzene		108 %	60-140		"	"	"	"	"
Sump 1A (MLI0762-02) Soil Sampled: 09/27/02 09:50 Received: 09/27/02 15:30									
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J01019	10/01/02	10/02/02	8015Bm/8021	B
Benzene	ND	0.0050	"	"	"	"	"	"	"
Toluene	ND	0.0050	"	"	"	"	"	"	"
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	"
Xylenes (total)	ND	0.010	"	"	"	"	"	"	"
Surrogate: <i>a,a,a</i> -Trifluorotoluene		78.0 %	60-140		"	"	"	"	"
Surrogate: 4-Bromofluorobenzene		104 %	60-140		"	"	"	"	"



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/03/02 11:39

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
File (A-D) (MLI0762-01) Soil Sampled: 09/27/02 08:26 Received: 09/27/02 15:30									
Antimony	ND	5.0	mg/kg	1	2J02010	10/02/02	10/02/02	EPA 6010B	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	130	5.0	"	"	"	"	"	"	
Beryllium	0.44	0.10	"	"	"	"	"	"	
Cadmium	ND	0.20	"	"	"	"	"	"	
Chromium	41	5.0	"	"	"	"	"	"	
Cobalt	7.8	0.50	"	"	"	"	"	"	
Copper	24	4.0	"	"	"	"	"	"	
Lead	8.9	5.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	35	5.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	ND	0.10	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	37	5.0	"	"	"	"	"	"	
Zinc	58	5.0	"	"	"	"	"	"	



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/03/02 11:39

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEX 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2J01019 - EPA 5030B [P/T]

Blank (2J01019-BLK1)

Prepared & Analyzed: 10/01/02

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	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0196		"	0.0200		98.0	60-140			
Surrogate: 4-Bromofluorobenzene	0.0204		"	0.0200		102	60-140			

LCS (2J01019-BS1)

Prepared & Analyzed: 10/01/02

Benzene	0.0195	0.0050	mg/kg	0.0200		97.5	70-130			
Toluene	0.0198	0.0050	"	0.0200		99.0	70-130			
Ethylbenzene	0.0188	0.0050	"	0.0200		94.0	70-130			
Xylenes (total)	0.0609	0.010	"	0.0600		102	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0194		"	0.0200		97.0	60-140			
Surrogate: 4-Bromofluorobenzene	0.0217		"	0.0200		108	60-140			

LCS (2J01019-BS2)

Prepared & Analyzed: 10/01/02

Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	0.500		98.2	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0217		"	0.0200		108	60-140			
Surrogate: 4-Bromofluorobenzene	0.0220		"	0.0200		110	60-140			

Matrix Spike (2J01019-MS1)

Source: MLI0762-01

Prepared & Analyzed: 10/01/02

Gasoline Range Organics (C6-C10)	0.782	0.50	mg/kg	1.10	ND	57.5	60-140			QM-07
Benzene	0.0169	0.0050	"	0.0132	ND	122	60-140			
Toluene	0.0753	0.0050	"	0.0794	ND	94.8	60-140			
Ethylbenzene	0.0160	0.0050	"	0.0184	ND	87.0	60-140			
Xylenes (total)	0.0930	0.010	"	0.0922	ND	101	60-140			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.0217		"	0.0200		108	60-140			
Surrogate: 4-Bromofluorobenzene	0.0563		"	0.0200		282	60-140			QM-07



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/03/02 11:39

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 2J01019 - EPA 5030B [P/T]									
Matrix Spike Dup (2J01019-MSD1)									
		Source: MLI0762-01			Prepared: 10/01/02		Analyzed: 10/02/02		
Gasoline Range Organics (C6-C10)	0.654	0.50	mg/kg	1.10	ND	45.8 60-140	17.8	25	QM-07
Benzene	0.0105	0.0050	"	0.0132	ND	73.9 60-140	46.7	25	QM-07
Toluene	0.0694	0.0050	"	0.0794	ND	87.4 60-140	8.15	25	
Ethylbenzene	0.0140	0.0050	"	0.0184	ND	76.1 60-140	13.3	25	
Xylenes (total)	0.0804	0.010	"	0.0922	ND	87.2 60-140	14.5	25	
Surrogate: a,a,a-Trifluorotoluene	0.0187		"	0.0200		93.5 60-140			
Surrogate: 4-Bromofluorobenzene	0.0356		"	0.0200		178 60-140			QM-07



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

Project: ARCO #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/03/02 11:39

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

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

Batch 2J02010 - EPA 3050B

Blank (2J02010-BLK1)

Prepared & Analyzed: 10/02/02

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 (2J02010-BS1)

Prepared & Analyzed: 10/02/02

Antimony	41.9	5.0	mg/kg	50.0	83.8	80-120
Arsenic	44.7	5.0	"	50.0	89.4	80-120
Barium	40.9	5.0	"	50.0	81.8	80-120
Beryllium	43.6	0.10	"	50.0	87.2	80-120
Cadmium	41.7	0.20	"	50.0	83.4	80-120
Chromium	42.2	5.0	"	50.0	84.4	80-120
Cobalt	43.4	0.50	"	50.0	86.8	80-120
Copper	41.3	4.0	"	50.0	82.6	80-120
Lead	42.8	5.0	"	50.0	85.6	80-120
Molybdenum	42.3	1.0	"	50.0	84.6	80-120
Nickel	42.5	5.0	"	50.0	85.0	80-120
Selenium	42.1	5.0	"	50.0	84.2	80-120
Silver	42.1	0.10	"	50.0	84.2	80-120
Thallium	42.6	5.0	"	50.0	85.2	80-120
Vanadium	42.7	5.0	"	50.0	85.4	80-120
Zinc	42.9	5.0	"	50.0	85.8	80-120

Sequoia Analytical - Morgan Hill

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 #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/03/02 11:39

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 2J02010 - EPA 3050B

Matrix Spike (2J02010-MS1)

Source: MLI0774-27

Prepared & Analyzed: 10/02/02

Antimony	26.8	5.0	mg/kg	50.0	ND	53.6	80-120			QM-07
Arsenic	52.0	5.0	"	50.0	6.5	91.0	80-120			
Barium	201	5.0	"	50.0	160	82.0	80-120			
Beryllium	46.0	0.10	"	50.0	ND	91.9	80-120			
Cadmium	45.2	0.20	"	50.0	1.0	88.4	80-120			
Chromium	59.8	5.0	"	50.0	17	85.6	80-120			
Cobalt	45.1	0.50	"	50.0	1.3	87.6	80-120			
Copper	263	4.0	"	50.0	220	86.0	80-120			
Lead	58.0	5.0	"	50.0	15	86.0	80-120			
Molybdenum	48.8	1.0	"	50.0	6.6	84.4	80-120			
Nickel	49.5	5.0	"	50.0	7.0	85.0	80-120			
Selenium	49.4	5.0	"	50.0	ND	98.8	80-120			
Silver	51.8	0.10	"	50.0	6.6	90.4	80-120			
Thallium	31.7	5.0	"	50.0	ND	63.4	80-120			QM-07
Vanadium	56.5	5.0	"	50.0	13	87.0	80-120			
Zinc	394	5.0	"	50.0	350	88.0	80-120			

Matrix Spike Dup (2J02010-MSD1)

Source: MLI0774-27

Prepared & Analyzed: 10/02/02

Antimony	26.9	5.0	mg/kg	50.0	ND	53.8	80-120	0.372	20	QM-07
Arsenic	51.8	5.0	"	50.0	6.5	90.6	80-120	0.385	20	
Barium	223	5.0	"	50.0	160	126	80-120	10.4	20	QM-07
Beryllium	45.1	0.10	"	50.0	ND	90.1	80-120	1.98	20	
Cadmium	43.9	0.20	"	50.0	1.0	85.8	80-120	2.92	20	
Chromium	60.9	5.0	"	50.0	17	87.8	80-120	1.82	20	
Cobalt	44.0	0.50	"	50.0	1.3	85.4	80-120	2.47	20	
Copper	294	4.0	"	50.0	220	148	80-120	11.1	20	QM-07
Lead	58.1	5.0	"	50.0	15	86.2	80-120	0.172	20	
Molybdenum	49.3	1.0	"	50.0	6.6	85.4	80-120	1.02	20	
Nickel	49.0	5.0	"	50.0	7.0	84.0	80-120	1.02	20	
Selenium	48.4	5.0	"	50.0	ND	96.8	80-120	2.04	20	
Silver	50.2	0.10	"	50.0	6.6	87.2	80-120	3.14	20	
Thallium	29.6	5.0	"	50.0	ND	59.2	80-120	6.85	20	QM-07
Vanadium	57.0	5.0	"	50.0	13	88.0	80-120	0.881	20	
Zinc	434	5.0	"	50.0	350	168	80-120	9.66	20	QM-07

Sequoia Analytical - Morgan Hill

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 #276, Oakland, CA
Project Number: ARCO #276, Oakland, CA
Project Manager: Scott Robinson

Reported:
10/03/02 11:39

Notes and Definitions

- QM-07 The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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 - 10800 MacArthur Blvd., Oakland, CA 94605
 Business Unit Sp West Coast Products LLC
 BP Laboratory Contract Number: 4 0 0 8 2 1 1 2 4

On-site Time: 06:00 Temp: 60°
 Off-site Time: 11:00 Temp: 65°
 Sky Conditions: Partly overcast
 Meteorological Events: Fog - overcast
 Wind Speed: 0° Direction: N

Date: 9/27/02

Requested Due Date: (maturity - List date 2 weeks from sampling date) **ML10762**

Send To:	BP/GEM Facility No.: Station 276	Consultant: URS Oakland
Lab Name: Sequoia Analytical	BP/GEM Facility Address: 10800 MacArthur Blvd., Oakland, CA 94607	Address: 500 12th Street, #200
Lab Address: 865 Jarvis Drive Houston, TX 77038	Site ID No. Station 276	Oakland, CA 94607
	California Global ID #:	E-mail EDD: Henry_Barrionos@URSCorp.com
	BP/GEM PM Contact: Paul Supple	Consultant Project No:
Lab PM: Latonya Pelt	Address: P.O. Box 6548, 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 Analytes					Sample Point Lat/Long and Comments
				Soil/Solids	Water/Liquids	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	TPH-E (8018)	BTEX (8021)	VCBE (8030)	MTBE (8031)	
1	4476 Pile A	Pile A	0826	X				1	X				X	X	X	X	Composite	
2		Pile B	0836	X				1	X				X	X	X			
3		Pile C	0841	X				1	X				X	X	X			
4		Pile D	0849	X				1	X				X	X	X			
5		Sample A	0750	X				1	X				X					
6																		
7																		
8																		
9																		
10																		

Sampler's Name:	Relinquished By / Affiliation:	Date:	Time:	Accepted By / Affiliation:	Date:	Time:
Sampler's Company: URS Oakland	J. L. Townsend	09/27/02	1305	J. P. Cal	09/27/02	1305
Shipment Date:						
Shipment Method: Hand Deliver						
Shipment Tracking No:						
Special Instructions: CAP 2002	Composite 4 into 1 (Pile A, Pile B, Pile C, Pile D) - Fac 48 YAT					
Normal TAT on Sample:						
Custody Seals in Place Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Blank Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Cooler Temperature on Receipt <input type="checkbox"/> F / Day Blank Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		BP COC Rev. 1 2502		

9/10/10/02 - ADD ANALYSES INDICATED FOR COMPOSITE SAMPLE ONLY. DO NOT RUN MTBE

XXX_DNA_WASTESP_C1400_FOLDERCHAIN_OF_CUSTODY_BPUSCOFFS-STED.JK307112002

NO. 620 P. 2

URS 1:03PM 9.2002

OCT-01-2002 11:42

UNDRERD-OLYDE CONSULTANT

010 014 3000 F. 00700

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: <u>1/RS</u>	DATE Received at Lab: <u>9/27/02</u>	Drinking water for regulatory purposes: YES/NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
REC. BY (PRINT) <u>TL</u>	TIME Received at Lab: <u>1530</u>	Wastewater for regulatory purposes: YES/NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
WORKORDER: <u>MUE0702</u>	LOG IN DATE: <u>9-29-02</u>	

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	#	CLIENT ID	CONTAINER DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / <input checked="" type="radio"/> Absent Intact / Broken*	01		Pile A	(1) Can	IS	9/27/02	} Run 4B w/ TAT
2. Chain-of-Custody	<input checked="" type="radio"/> Present / <input type="radio"/> Absent*	↓		Pile B	↓	↓		
3. Traffic Reports or Packing List:	Present / <input checked="" type="radio"/> Absent	↓		Pile C	↓	↓		
4. Airbill:	Airbill / <input checked="" type="radio"/> Sticker Present / <input checked="" type="radio"/> Absent	02		Pile D	↓	↓		
5. Airbill #:				Sample A				
6. Sample Labels:	<input checked="" type="radio"/> Present / <input type="radio"/> Absent							
7. Sample IDs:	<input checked="" type="radio"/> Listed / <input type="radio"/> Not Listed on Chain-of-Custody							
8. Sample Condition:	<input checked="" type="radio"/> Intact / <input type="radio"/> Broken* / Leaking*							
9. Does information on custody reports, traffic reports and sample labels agree?	<input checked="" type="radio"/> Yes / <input type="radio"/> No*							
10. Sample received within hold time:	<input checked="" type="radio"/> Yes / <input type="radio"/> No*							
11. Proper Preservatives used:	<input checked="" type="radio"/> Yes / <input type="radio"/> No*							
12. Temp Rec. at Lab: (Acceptance range for samples requiring thermal pres.: +/- 2°C)	<u>52</u> <input checked="" type="radio"/> Yes / <input type="radio"/> No**							
**Exception (if any):								

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



ATTACHMENT C
FIELD SAMPLING DATA SHEET

ATTACHMENT D

WASTE MANIFESTS

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. 10051	2. Page 1 of 1
3. Generator's Name and Mailing Address ARC0 #276 10600 MACARTHUR BLVD OAKLAND, CA		MAIL: ATLANTIC RICHFIELD PO BOX 9087 LOS ANGELES, CA 90009 ATTN: PAUL SUPPLE			
4. Generator's Phone (925) 946-1085					
5. Transporter 1 Company Name BILLARD ENVIRONMENTAL SVCS.		6. US EPA ID Number CAD98252343		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 ALTAMONT LANDFILL 10840 ALTAMONT PASS ROAD LIVERMORE, CA 94550		10. US EPA ID Number CAD981382732		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.
a. NON HAZ SOIL, (pf: 55098000)			No. Type		
			001 DT	00018	Y
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
11a. 55098000 11b. 11c. 11d.			991-300 SP48285P		
15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6850 BILLARD RTE# 1004-003 PO# 09-33855			10/25/02 TL =		
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 M. KIRK PER ARCO		Signature 		Date 10/4/02	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature Joey Moala Jr.		Date 10/5/02	
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 10/5/02	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

CITY

Altamont Landfills RR
10840 Altamont Pass Road
Livermore CA 94550

DATE: 11/05/02
TIME IN: 0845
TIME OUT: 0845

TICKET: 315160-1
1/0: 1
STAGE TICKET: 165300

CARRIER: DILL / Dillard
TRUCK: 991

TRAILER:

CUSTOMER: DILLARD / Dillard Environmental

GENERATOR: AREGON

ORIGINE: DILLARD

PROPTER: 8039000

MANIFEST WASTE / DESCRIPTION QUANTITY PER

10051 CFB / 10051

GROSS: 41700 LBS

TARE: 30000 LBS

NET: 11700 LBS

CUSTOMER: DILLARD / Dillard Environmental

CUSTOMER:

DEPUTY WEIGHMASTER: Donzato, Frank

DEPUTY WEIGHMASTER: Donzato, 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.

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.

10052

2. Page 1 of 1

3. Generator's Name and Mailing Address

ARCO #276
10600 MACARTHUR BLVD
OAKLAND, CA

MAIL: ATLANTIC RICHFIELD

PO BOX 9087
LOS ANGELES, CA 90009

ATTN: PAUL SUPPLE

4. Generator's Phone (925) 946-1085

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

ALFAMET LANDFILL
10840 ALFAMET PASS ROAD
LIVERMORE, CA 94550

10. US EPA ID Number

CAD981382732

E. State Facility's ID

F. Facility's Phone

(925) 449-8349

11. WASTE DESCRIPTION

a. BROWNS SOIL, (pF: 55098000)

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt./Vol.

001

BT

00018

Y

15. Additional Descriptions for Materials Listed Above

11a. 55098000
11b.
11c.
11d.

991-340
SP482850

16. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Emergency Contact (925) 634-6850 BILLARD
JOB# 1004-003 POF 09-33855

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

M. KIRK PER ARCO

Signature

Date

10/4/02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

JOEY MOGLIA JR.

Signature

Date

10/5/02

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 19.

Printed/Typed Name

Signature

Date

10/5/02

NON-HAZARDOUS WASTE GENERATOR TRACKSHEET FACILITY

Altamont Landfill & RR
10340 Altamont Pass Road
Livermore CA 94550

DATE: 10/05/2006
TIME IN: 11:02
TIME OUT: 11:02

TICKET: 315190-1
I/O: J
STAGE TICKET: 165820

CARRIER: DILL / Dillard
TRUCK: 991 TRAILER:
CUSTOMER: DILLARD / Dillard Environmental
GENERATOR: ARCO/26 / Area #26
ORIGIN: OAK / Oakland PROFILE: 55098000

MANIFEST WASTE / DESCRIPTION	ENTRY REF
10052 GSC / Disposal Cover	2275

GROSS: 78350 LBS
TARE: 30820 LBS
NET: 47530 LBS

CUSTOMER: DILLARD / Dillard Environmental

DEPUTY WEIGHMASTER: Donofrio, Frank DEPUTY WEIGHMASTER: Donofrio, 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.

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. 1 0 0 5 3	2. Page 1 of 1
3. Generator's Name and Mailing Address ARCO #276 10600 MACARTHUR ST. #D OAKLAND, CA		MAIL: ATLANTIC RICHFIELD PO BOX 9087 LOS ANGELES, CA 90009 ATTN: PAUL SUPPLE		
4. Generator's Phone ((925) 946-1085		5. Transporter 1 Company Name BYLLARD ENVIRONMENTAL SVCS.	6. US EPA ID Number CAD98252343	A. State Transporter's ID
7. Transporter 2 Company Name		8. US EPA ID Number	B. Transporter 1 Phone (925) 634-6850	C. State Transporter's ID
9. Designated Facility Name and Site Address ALTMONT LANDFILL 10040 ALTMONT PASS ROAD LIVERMORE, CA 94550		10. US EPA ID Number CAD981382732	D. Transporter 2 Phone	
11. WASTE DESCRIPTION		12. Containers		14. Unit Wt./Vol.
a. DIRT AND SOIL, (pf: 55090000)		No.	Type	13. Total Quantity
		001	DT	00010
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Ia. 55090000 Iib. Iic. Iid.		H. Handling Codes for Wastes Listed Above 7.250 700 507.50		
15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6850 BYLLARD PHONE 1004-003 PO# 09-33855				
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 M. KERN PER ARCO		Signature <i>[Signature]</i>		Date 10/4/02
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Jim Nunes		Signature <i>[Signature]</i>		Date 10/05/02
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 19.				
Printed/Typed Name		Signature <i>[Signature]</i>		Date 10/5/02

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

CILITY

Altamont Landfill & RRF
10840 Altamont Pass Road
Livermore Ca 94550

DATE: 10/05/2002
TIME IN: 08:32
TIME OUT: 08:38

TICKET: 315158-1
L/O: J
STATE TICKET: 165797

CARRIER: DILL / Dillard
TRUCK: 891 TRAILER:
CUSTOMER: DILLARD / Dillard Environmental
GENERATOR: ARCADITE Area 1276
ORIGIN: OAK / Oakland PROFILE: 55098000

MANIFEST WASTE / OTHER PORTION
10855 LDC / 7 C15 10 Caves 9 22 15

GROSS: 75200 LBS
TARE: 30850 LBS
NET: 44350 LBS

CUSTOMER: DILLARD / Dillard Environmental

DEPUTY WEIGHMASTER: Donald Frank

CUSTOMER: 
DEPUTY WEIGHMASTER: Donald 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.

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. 10055	2. Page 1 of 1
3. Generator's Name and Mailing Address ARCO #276 10600 MC CARTHY BLVD OAKLAND, CA		MAIL: ATLANTIC RICHFIELD PO BOX 9087 LOS ANGELES, CA 90009 RTTB: PAUL SUPPLE		
4. Generator's Phone (925) 946-1085				
5. Transporter 1 Company Name DILLARD ENVIRONMENTAL SVCS.	6. US EPA ID Number CAD98252343	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 ALTA MOUNT LANDFILL 10640 ALTA MOUNT PASS ROAD LIVERMORE, CA 94550		10. US EPA ID Number CAD981382732	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		14. Unit
		No.	Type	WL/Vol.
a. NON HAZ #OIL, (pf: 55098000)		001	DT	Y
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Ia. 55098000 Ib. Ic. Id.		H. Handling Codes for Wastes Listed Above 7.25 10.1 5750		
15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6850 DILLARD WORK 1004-003 POC 09-33855				
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 M. KIRN PER ARCO		Signature <i>[Signature]</i>		Date 10/4/02
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature Jim Nunes		Date 10/05/02
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		Date
Printed/Typed Name		Signature		Date Month Day Year

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

CITY

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.

Altamont Landfill A Inc
10840 Altamont Pass Road
Livermore CA 94550

DATE: 10/05/2002
TIME IN: 10:35
TIME OUT: 10:35

TICKET: 315193-1
I/O: T
STAGE TICKET: 165824

CARRIER: DILL / Dillard

TRUCK: 891

TRAILER:

CUSTOMER: DILLARD / Dillard Environmental

GENERATOR: ARCO 45 / Arco #876

ORIGIN: DMK / Dillard

PROFIT: 5000000

MANIFEST WASTE / DESCRIPTION

WASTE PER

10056 DRC / Class 10056

GROSS: 77500 LBS

TARE: 30960 LBS

NET: 46540 LBS TONS: 10.37

CUSTOMER: DILLARD / Dillard Environmental

CUSTOMER:

DEPUTY WEIGHMASTER: [Signature]


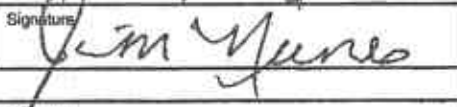

DEPUTY WEIGHMASTER: [Signature]

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. 10056	2. Page 1 of 1
3. Generator's Name and Mailing Address ARCO #276 10600 HARBERTON BLVD OAKLAND, CA		MAIL: ATLANTIC RICHFIELD PO BOX 9087 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 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 ALTAHUNT LANDFILL 10840 ALTAHUNT PASS ROAD LIVERMORE, CA 94550		10. US EPA ID Number CAD981382732	E. State Facility's ID	
		F. Facility's Phone (925) 449-6349		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. NON HAZ SOIL, (p# 55096000)		No. Type 001 D T	00010	Y
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above IIa. 55096000 IIb. IIc. IId.		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6850 DILLARD JOB# 1004-003 POC 09-33855				
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 M. KIRK PER ARCO		Signature 	Date Month Day Year 10/4/02	
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name Jim Nunes		Signature 	Month Day Year 10/5/02	
18. Transporter 2 Acknowledgement of Receipt of Materials		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		Signature 	Date Month Day Year 10/5/02	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

CILITY

NON-HAZARDOUS WASTE MANIFEST

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.

1 0 0 5 3

2. Page 1 of 1

3. Generator's Name and Mailing Address

ARC'D 0276
10600 MACARTHUR BLVD
OAKLAND, CA

MAIL: ATLANTIC RICHFIELD
PO BOX 6087
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

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

ALYAMINT LANDFILL
10040 ALYAMINT PASS ROAD
LIVERMORE, CA 94550

10. US EPA ID Number

C A D 9 8 1 3 8 2 7 3 2

E. State Facility's ID

F. Facility's Phone

(925) 449-6349

11. WASTE DESCRIPTION

a. NON HAZ SILL, (pt: 55098000)

12. Containers

No. Type

001 DT

13. Total Quantity

00018

14. Unit Wt./Vol.

Y

G. Additional Descriptions for Materials Listed Above

11a. 55098000
11b.
11c.
11d.

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Emergency Contact (925) 634-6850 DILLARD
JOB# 1004-003 PO# 09-33855

7.75 ea.
70
542.50

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

M. KIRK PER ARCD

Signature

Date

Month Day Year
10 4 02

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

Richard K. Craighead

Signature

380 [Signature]

Date

Month Day Year
10 5 02

18. Transporter 2 Acknowledgment of Receipt of Materials

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

Signature

Date

Month Day Year
10 5 02

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

CILITY

Allamont Landfill & RRF
36640 Allamont Pass Road
Livermore CA 94550

DATE: 10/05/2006
TIME IN: 08:27
TIME OUT: 08:27

TICKET: 315157-1
1/0/1
STAGE TICKET: 165795

CARRIER: DILL / Dillard
TRUCK: 491 TRAILER:
CUSTOMER: DILLARD / Dillard Environmental
GENERATOR: ARCONETA / Arco NSTE
ORIGIN: OAK / Oakland

PROFILE: 53088000

#1

MANIFEST WASTE / DESCRIPTION
10033 C2C / C1851 / C2100

GROSS: 77660 LBS
TARE: 31740 LBS
NET: 45920 LBS

CUSTOMER: DILLARD / Dillard Environmental

CUSTOMER:

DEPUTY NEIGHMASTER: [Signature] DEPUTY NEIGHMASTER: [Signature]

WASTE MANAGEMENT
NEIGHMASTER 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 Measurement Standards of the California Department of Food and Agriculture.

NON-HAZARDOUS WASTE MANIFEST

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

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No. 1 0 0 5 4	2. Page 1 of 1
3. Generator's Name and Mailing Address ARC0 #276 10600 MACARTHUR BLVD OAKLAND, CA		MAIL: ATLANTIC HIGHFIELD PO BOX 9087 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 1 2 3 4 3	A. State Transporter's ID		
7. Transporter 2 Company Name		B. Transporter 1 Phone (925) 634-6850		
9. Designated Facility Name and Site Address ALHAMBRA LANDFILL 10840 ALHAMBRA PASS ROAD LIVERMORE, CA 94550		8. US EPA ID Number	C. State Transporter's ID	
		D. Transporter 2 Phone		E. State Facility's ID
		F. Facility's Phone (925) 449-6349		
10. US EPA ID Number C A D 9 8 1 3 8 2 7 3 2				
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit WL/Vol.
a. HOW HAS SOIL, (pl: 55098000)		No. Type		
		001 DT	00018	Y
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Ila. 55098000 Iib. Iic. Iid.		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Emergency Contact: (925) 634-6850 DILLARD ARC0 1004-003 POC 09-33855		542		
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 M. KIRN PER ARC0		Signature <i>[Signature]</i>		Date Month Day Year 10 4 02
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name RICHARD H. CRAIGHEAD		Signature <i>[Signature]</i>		Date Month Day Year 10 05 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 19.				
Printed/Typed Name		Signature <i>[Signature]</i>		Date Month Day Year 10 15 02

NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY

Altamont Landfill & HRF
10040 Altamont Pass Road
Livermore CA 94550

DATE: 10/05/2002
TIME IN: 10:27
TIME OUT: 10:27

TICKET: 315101-1
I/O: 1
STAGE TICKET: 163822

CARRIER: DILL / Dillard
TRUCK: 491 TRAILER:
CUSTOMER: DILLARD / Dillard Environmental
GENERATOR: ARCONITE / Arco
ORIGIN: OAK / Oakland

PROFILE: 00000000

MANIFEST WASTE DESCRIPTIONS QUANTITY PER

1005A CAC / CAC / Cover

GROSS: 75340 LBS

TARE: 31340 LBS

NET: 44000 LBS

TARE: 24.00

CUSTOMER: DILLARD / Dillard Environmental

CUSTOMER:

DEPUTY WEIGHMASTER: Donatino, Frank

DEPUTY WEIGHMASTER: Donatino, 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.

NON-HAZARDOUS WASTE MANIFEST

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. **10058**

2. Page 1 of

3. Generator's Name and Mailing Address

**Arco #276
10600 Macarthur Blvd
Oakland, CA**

4. Generator's Phone ()

5. Transporter 1 Company Name

Dillard Env.

6. US EPA ID Number

ICAD982523433

A. State Transporter's ID

B. Transporter 1 Phone **(923) 634-6830**

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

Altamont Landfill

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone

11. WASTE DESCRIPTION

**a. Non Hz soil
PF# 55098000**

12. Containers

No. Type

001 DT

13. Total Quantity

00018

14. Unit Wt./Vol.

Y

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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.

AT THE Request of Arco

Printed/Typed Name

M. KIRN

Signature

[Signature]

Date

Month **10** Day **05** Year **02**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

R.K. CRAIGHEAD

Signature

[Signature]

Date

Month **10** Day **05** Year **02**

18. Transporter 2 Acknowledgement of Receipt of Materials

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

Signature

Date

Month **10** Day **05** Year **02**

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

FACILITY

Altamont Landfill & RR
10540 Altamont Pass Road
Livermore CA 94550

DATE: 10/05/2002
TIME IN: 12:18
TIME OUT: 12:18

TICKET: 31500-1
T/O: 1
STAGE TICKET: 165041

CARRIER: DILL / Dillard
TRUCK: 491

TRAILER:

CUSTOMER: DILLARD / Dillard Environmental

GENERATOR: ARCONITE - Arco 426

ORIGIN: OAK / Oakland

PROFIT: 2509000

8

MANIFEST WASTE / DESCRIPTION / QUANTITY / PERCENT

10052 C2C / Class 1 - E-waste

GROSS: 76220 LBS

TARE: 31343 LBS

NET: 45200 LBS

CUSTOMER: DILLARD / Dillard Environmental

CUSTOMER:

DEPUTY WEIGHMASTER: Donald, Frank

DEPUTY WEIGHMASTER: Donald, Frank

WASTE MANAGEMENT

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
3. Generator's Name and Mailing Address			
4. Generator's Phone ()			
5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID	
		B. Transporter 1 Phone	
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	10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type		
a.				
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above	H. Handling Codes for Wastes Listed Above
<div style="text-align: right; font-size: 2em; font-weight: bold;">10</div> <div style="text-align: right; font-size: 1.5em;">21050</div>	
15. Special Handling Instructions and Additional Information	

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.

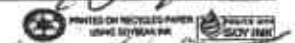
Printed/Typed Name	Signature	Date
		Month Day Year

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
	<i>Ken Brown</i>	Month Day Year



NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY

Altamont Landfill & RR
10840 Altamont Pass Road
Livermore CA 94550

DATE: 10/07/2005
TIME IN: 08:25
TIME OUT: 08:25

TICKET: 315204-1
T/O: F
STAGE TICKET: 165929

CARRIER: DILL / Dillard
TRUCK: 891 TRAILER:
CUSTOMER: DILLARD / Dillard Environmental
GENERATOR: ARCON / ARCO 1075
ORIGIN: DAK / Oakland

OFFICE: 65098000

PO:

MANIFEST WASTE / DESCRIPTION QUANTITY PER

10057 C2C / Class C CWA 75 24.09

GROSS: 20140 LBS
TARE: 30960 LBS
NET: 49180 LBS

CUSTOMER: DILLARD / Dillard Environmental

WASTE MANAGEMENT

CUSTOMER:

DEPUTY WEIGHMASTER: Brown, Ken Sr

DEPUTY WEIGHMASTER: Brown, Ken Sr

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.

Altamont Landfill & RRF
10840 Altamont Pass Road
Livermore CA 94550

DATE: 10/17/2002
TIME IN: 10:53
TIME OUT: 10:54

TICKET: 31007151
170:1
STAGE TICKET: 168799

CARRIER: DILLARD / DILLARD
TRUCK: 051 TRAILER:
CUSTOMER: DILLARD / DILLARD Environmental
GENERATOR: BACON 276 Area 4576
ORIGIN: ORK / Oakland

PROFILE: 55090000

PO:

MANIFEST NUMBER	DESCRIPTION	UNITS	PER
10173	CAC	TONS	1

GROSS: 72940 LBS

TARE: 30840 LBS

NET: 42100 LBS

CUSTOMER: DILLARD / DILLARD Environmental

DEPUTY WEIGHMASTER: Schaeffler, John

CUSTOMER: 
DEPUTY WEIGHMASTER: Schaeffler, John

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 Measurement Standards of the California Department of Food and Agriculture.

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on 6/10 (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 8001 8276 10000 HAZARDOUS BLVD OAKLAND, CA 4. Generator's Phone (925) 946-1085		MAIL: ATLANTIC RIVERFIELD PO BOX 9007 LOS ANGELES, CA 90009 ATTN: PAUL SUPPLE			
5. Transporter 1 Company Name WILLARD ENVIRONMENTAL SERVICES	6. US EPA ID Number C A N U S E P A 3 2 3 4 7	A. State Transporter's ID		B. Transporter 1 Phone (925) 946-1085	
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 ATLANTIC RIVERFIELD 10000 ATLANTIC PASS ROAD LIVERMORE, CA 94550	10. US EPA ID Number C A N U S E P A 3 2 3 4 7	E. State Facility's ID		F. Facility's Phone (925) 946-1085	
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.	
a. AIR GAS OIL, (pt: 55090000)		No.	Type		
		00	ST	0000	Y
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Ila. 55090000 Iib. Iic. Iid.		H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Emergency Contact (925) 946-6000 DELCAND 409-7104-101					
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 M. STEW PER BUCH		Signature		Date Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month Day Year	
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		Signature		Date Month Day Year 1/1/02	

NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY



ATTACHMENT E
UNAUTHORIZED RELEASE REPORT

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	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 <small>m m d d y y</small>		CASE # _____
SIGNED: _____		DATE: _____

REPORTED BY 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		
		La Palma CITY
		CA STATE
		90623 ZIP

RESPONSIBLE PARTY BP West Coast Products LLC	CONTACT PERSON John Schetter	PHONE (530) 308-0495
ADDRESS Four Centerpointe Drive, LPR4-451		
		La Palma CITY
		CA STATE
		90623 ZIP

SITE LOCATION Arco Facility No. 276	OPERATOR JOHN CHAO	PHONE 510-567-8641
ADDRESS 10600 MACARTHUR BLVD		
		Oakland CITY
		Alameda COUNTY
		94605 ZIP
CROSS STREET 106th		

IMPLEMENTING AGENCIES LOCAL AGENCY Alameda County Environmental Health	AGENCY NAME Alameda County Environmental Health	CONTACT PERSON Ariu Levi
		PHONE (510) 567-6862
REGIONAL BOARD California Regional Water Quality Board 2		PHONE (510) 622-2460

SUBSTANCES INVOLVED (1) NAME Gasoline	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT DATE DISCOVERED 0 1 2 0 0 3 <small>m m d d y y</small>	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	
HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 1 2 0 0 3 <small>m m d d y y</small>		

SOURCE/CAUSE <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
---	--

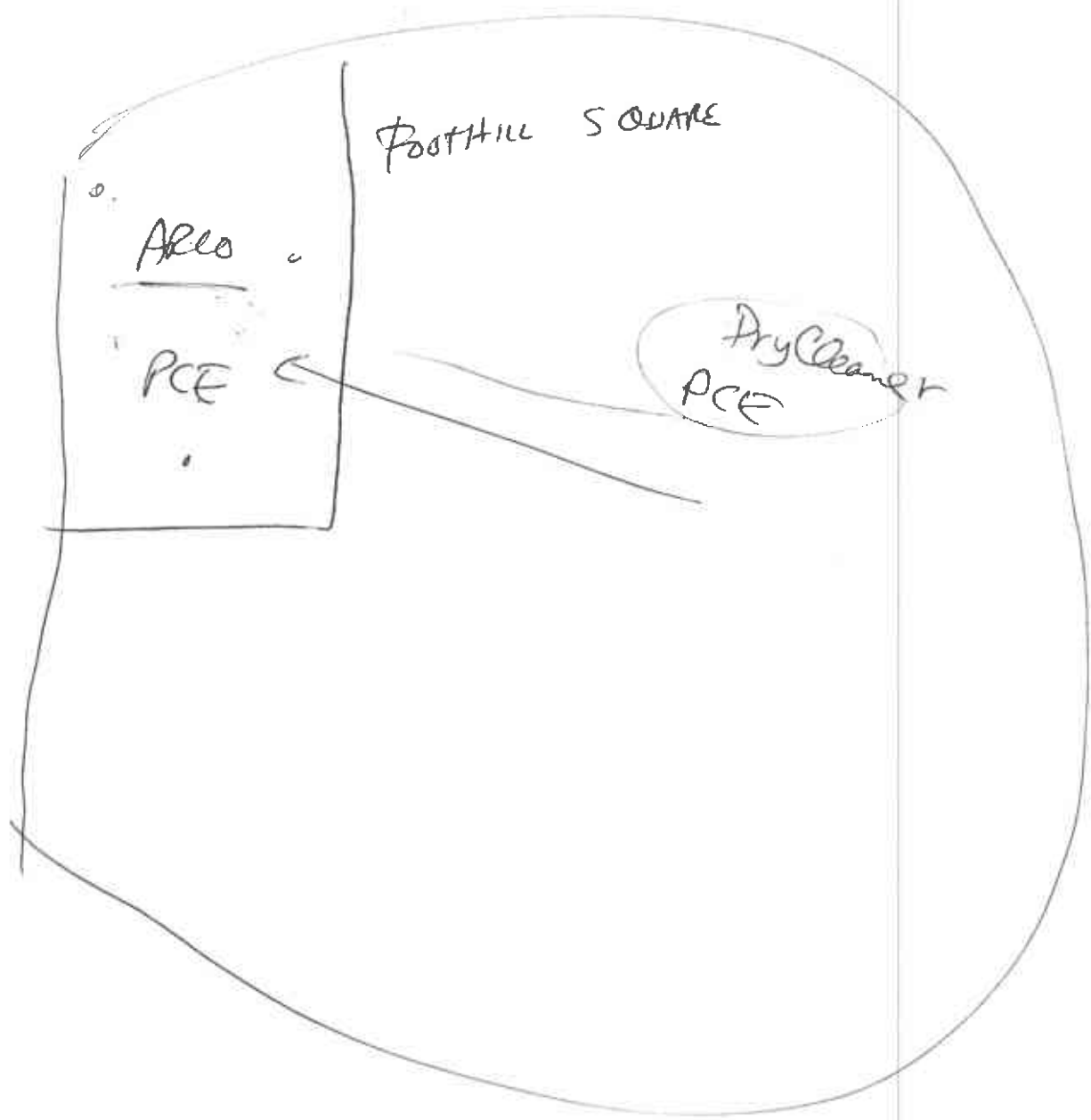
CASE TYPE CHECK ONLY ONE <input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS CHECK ONLY ONE <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input checked="" type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY
--

REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GR) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input checked="" type="checkbox"/> OTHER TBD

COMMENTS MtBE detected in soil sample L-1 @ 1.9 ppm & L-2 @ 2.4 ppm. A soil report for the line upgrade will be issued soon.
--

Q



MacArthur
Blvd