

Alameda County
FEB 1 1 2003
Environmental Health

LETTER OF TRANSMITTAL

 $D_{P_{\mathcal{F}}}$

February 7, 2003

TO: Susan Hugo

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 Station 4931

Enclosed you will find one copy of the Soil Sampling Report for the line/dispenser upgrade work performed at Arco Station 4931 in Oakland, CA. Should you have any questions regarding this report please call me at 408-297-9585.

Regards,

Cc: Scott Robinson, URS
Paul Supple, BP

Hernan Gomez, OFD

January 21, 2003

Hernan E. Gomez
Oakland Fire Department
Hazardous Materials
1605 Martin Luther King Jr. Way
Oakland, CA 94612

FEB 1 1 2003
Environmental November 1

Re: Product Line Removal and Upgrade Soil Sampling Report ARCO Service Station No. 4931 731 West MacArther Boulevard, Oakland, California 94609 URS Project No. 38485977

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 731 West MacArther Boulevard, Oakland, California (Figures 1 and 2). Currently, the site is operated as an ARCO gasoline service station. The site is bounded by West Street to the west, West MacArther to the north, and commercial buildings to the east and south. 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 twelve dispensers, and a convenience store. Currently there is in-active remediation system at this site, however groundwater monitoring is conducted on a quarterly basis.

Soil Sampling - Dispensers and Line Sampling

On October 2, 2002, 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. Prior to sampling all dispensers and related double walled fiberglass piping was removed by the contractor, KE Curtis Construction. URS personnel inspected the fuel pipelines for any observable cracks or deterioration. In addition sampling locations were inspected for any soil staining and hydrocarbon odor to help determine if over-excavation was necessary. No observable cracks or deterioration in the pipelines were reported.

Soil staining and hydrocarbon odors were reported at two sampling locations, and subsequently vertically over-excavated. URS personnel collected soil samples after the contractor operated backhoe bucket had excavated to the appropriate depth. Samples were collected as follows:

- Eleven soil samples (designated S1, S2, S4 through S12) were collected at an approximate depth of 3 feet below ground surface (bgs) at the former dispenser stands. Sample S3 could not be collected, as it was located underneath part of the concrete island supporting the canopy column (Figure 2).
- Fifteen soil samples (designated L1 through L13, and over-excavation samples L3A and L4A) were collected at a depth of 2 feet and 5 feet bgs, in the product line trenches, respectively (Figure 2).

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

Nine of the twenty-six samples collected and analyzed resulted in low TPHg and BTEX concentrations. Notably, sampling locations S12 and L4 reported TPHg concentrations at 56 parts per million (ppm) and 120 ppm, respectively. In addition, all except two samples resulted in MTBE concentrations, most notably samples L1, L3 and L4A at 160 ppm, 240 ppm and 200 ppm, respectively. Sampling location L2 reported as non-detect (ND) for all constituents (Table 1).

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 labeled Pile A through D. Analytical results reported ND levels for TPHg and BTEX constituents. Motor Oil was reported in samples Pile A, Pile C and Pile D at 23 ppm, 74 ppm and 38 ppm, respectively. Analytical results for metals indicated concentrations commonly found in soils of the region (Table 2).

These analytical results were used to profile and dispose the stockpiled soil. From October 29th through November 2nd 2002, Dillard Environmental removed approximately 170 tons of soil from the site, and transported it to two California Class II landfills (Altamont Landfill and Republic Services Landfill). Copies of the Waste Manifests are presented as Attachment A.

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

Conclusions

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

- Except for sampling locations L3A and L4A, no over-excavation was performed at this site since no obvious stained soil or hydrocarbon odors were encountered in the field. Subsequent soil sample analytical results for the two over excavated areas 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.
- An Unauthorized Release Report was not submitted for this site, since it is an active site with a known release, and is currently monitored on a quarterly basis with future remediation efforts scheduled.

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, analytical results, site plans, and other data has been furnished to URS by BP West Coast Products LLC, 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 Americas

Henry Barrientos Project Engineer Scott Robinson Project Manager

Seit Robins

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

cc: Mr. Paul Supple, Atlantic Richfield Company

Ms. Susan Hugo, Alameda County Health Care Services Agency

Project and Chron files

TABLE

Soil Analytical Data ARCO Service Station 4931 731 West MaCarthur Boulevard Oakland, California

TABLE 1 Dispenser and Product Line Soil Sample Resutls

Soil Sample ID	Sample Depth (feet)	Date Sampled	TPHg (ppm)	Benzene (ppm)	-Toluenē (ppm)	Ethyl- benzene (ppm)	Total Xylenes (ppm)	MTBE (ppm)
S1	3	10/02/02	ND<0.5	ND<2.0	ND<2.0	ND<2.0	ND<2.0	8.2
S2	3	10/02/02	2	ND<0.05	ND<0.05	ND<0.05	ND<0.05	0.35
\$4	3	10/02/02	ND<0.5	ND<0.05	ND<0.05	ND<0.05	ND<0.05	0.92
\$ 5	3	10/02/02	2	ND<1.4	ND<1.4	ND<1.4	ND<1.4	ND<1.4
S 6	3	10/02/02	0.9	ND<0.1	0.15	ND<0.1	0.89	3.8
S7	3	10/02/02	ND<0.5	ND<4.3	ND<4.3	ND<4.3	ND<4.3	96
\$8	3	10/02/02	0.62	ND<4.6	57	64	590	200
S 9	3	10/02/02	ND<0.5	ND<1.5	ND<1.5	ND<1.5	ND<1.5	6.8
S10	3	10/02/02	ND<0.5	ND<2.2	ND<2.2	ND<2.2	ND<2.2	59
S11	3	10/02/02	ND<0.5	ND<1.8	ND<1.8	ND<1.8	ND<1.8	32
S12	3	10/02/02	56	ND<0.10	ND<0.10	0.39	6.6	0.058
L1	3	10/02/02	ND<0.5	ND<2.4	ND<2.4	ND<2.4	ND<2.4	160
L2	3	10/02/02	ND<0.5	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
L3	3	10/02/02	ND<0.5	ND<4.0	ND<4.0	ND<4.0	ND<4.0	240
L3A	5	10/02/02	ND<0.5	ND<0.05	ND<0.05	ND<0.05	0.074	0.60
L4	3	10/02/02	120	ND<1.0	2.9	2.9	38	1.9
L4A	5	10/02/02	ND<0.5	5.2	ND<4.1	4.4	ND<4.1	200
L5	3	10/02/02	ND<0.5	ND<2.2	ND<2.4	ND<2.7	25	20
L6	3	10/02/02	ND<0.5	ND<0.05	ND<0.05	ND<0.05	ND<0.05	0.48
L7	3	10/02/02	ND<0.5	ND<0.05	ND<0.05	ND<0.05	ND<0.05	0.34
L8	3	10/02/02	ND<0.5	ND<1.4	ND<1.4	ND<1.4	ND<1.4	33
L9	3	10/02/02	ND<0.5	ND<0.05	ND<0.05	ND<0.05	ND<0.05	0.54
L10	3	10/02/02	ND<0.5	ND<0.05	ND<0.05	ND<0.05	0.061	0.79
Lll	3	10/02/02	ND<0.5	ND<1.6	ND<1.6	ND<1.6	ND<1.6	15
L12	3	10/02/02	ND<0.5	ND<1.4	ND<1.4	ND<1.4	ND<1.4	130
L13	3	10/02/02	ND<0.5	ND<2.2	ND<2.2	ND<2.2	ND<2.2	22

TABLE 2 Stockpiled Soil Sample Resutls

Soil Sample ID	Sample Depth (feet)	Date Sampled	TPHg (ppm)	Benzenë (ppm)	Toluene (ppm)	Ethyl- benzene (bbm)	Total Xylenes (ppm)	Motor Oil (ppm)
Pile A	3	10/04/02	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	23
Pile B	3	10/04/02	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<10
Pile C	3	10/04/02	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	74
Pile D	3	10/04/02	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	38

= Total purgeable petroleum hydrocarbons using EPA Method 8015, modified. TPH

Benzene, toluene, ethylbenzene, total xylenes using EPA Method 8021B.

Methyl Tertiary Butyl Ether.

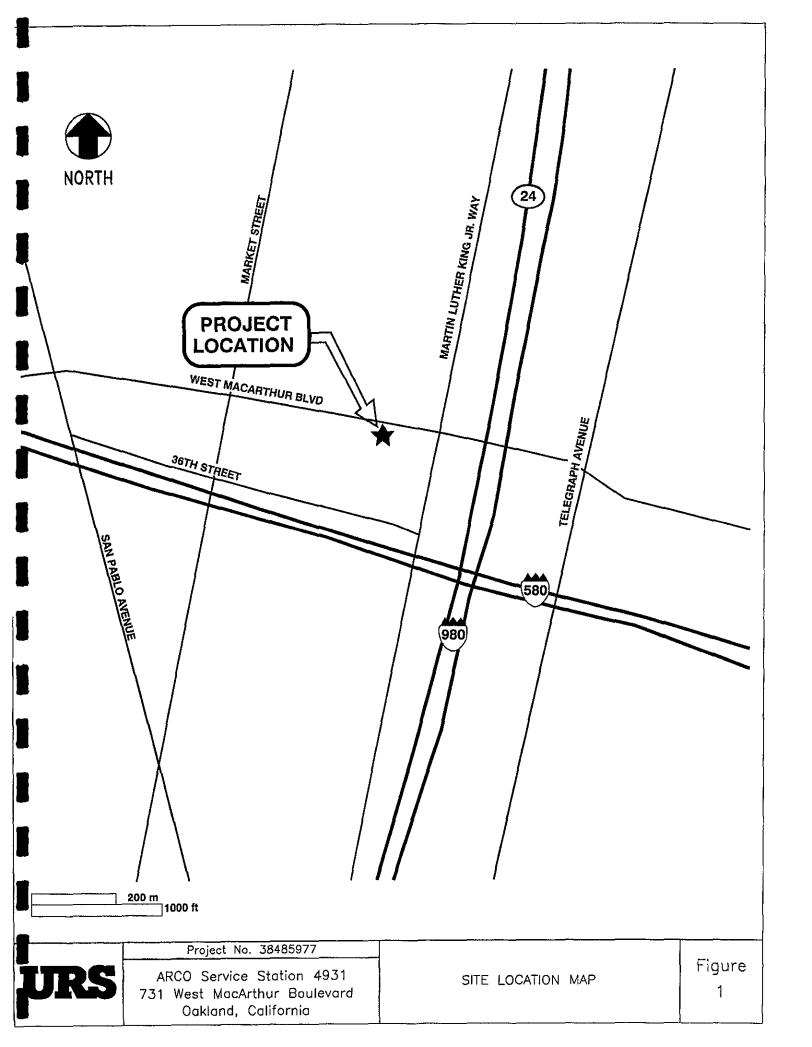
Parts per billion.

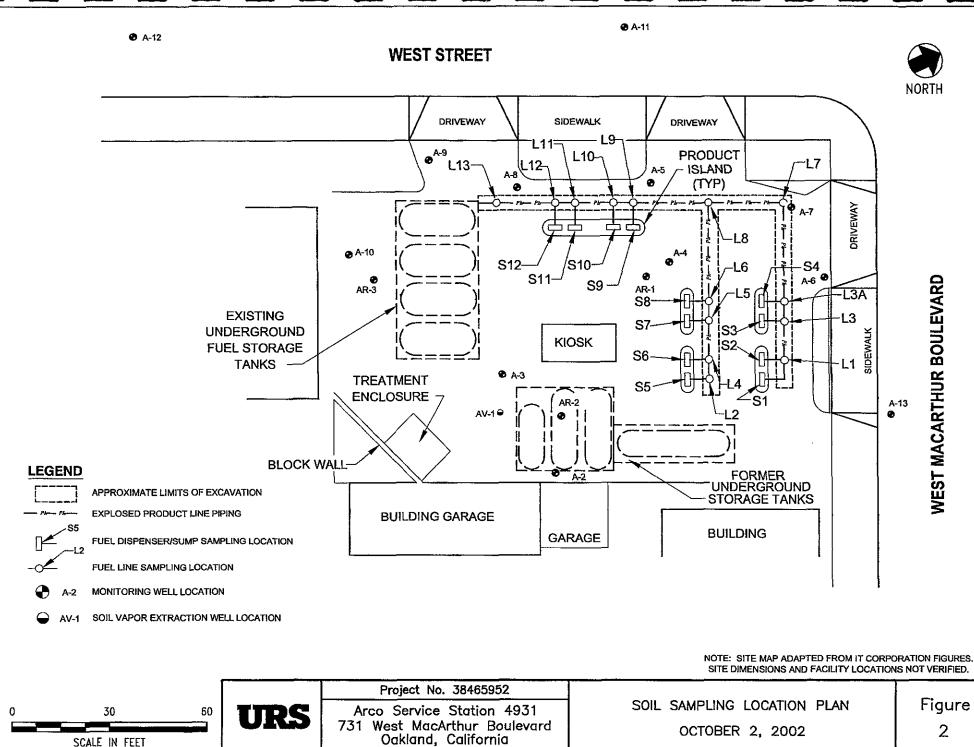
Parts per million.

Less than stated laboratory detection limit.

BTEX MTBE ppb ppm ND<

FIGURES





SCALE IN FEET

2

Attachment A

Field And Laboratory Procedures

Attachment A

Field and Laboratory Procedures

Soll Sampling

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

Laboratory Analysis of Soil Samples

Soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) by EPA Method 8015B. For benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl tertbutyl ether (MTBE) by EPA Method 8260B.

Attachment B

Laboratory Analytical Laboratory Reports And Chain-Of-Custody Documentation





23 October, 2002

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

RE: ARCO #4931, Oakland, Ca Sequoia Report: MLJ0139

Enclosed are the results of analyses for samples received by the laboratory on 10/03/02 16:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jatonya K. Palt

Latonya Pelt Project Manager

CA ELAP Certificate #1210



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Project Manager: Scott Robinson

Reported: 10/23/02 13:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SI	MLJ0139-01	Soil	10/02/02 15:35	10/03/02 16:40
L1	MLJ0139-02	Soil	10/02/02 15:38	10/03/02 16:40
S2	MLJ0139-03	Soil	10/02/02 15:41	10/03/02 16:40
S5	MLJ0139-04	Soil	10/02/02 15:45	10/03/02 16:40
1.2	MLJ0139-05	Soil	10/02/02 15:47	10/03/02 16:40
S6	MLJ0139-06	Soil	10/02/02 15:51	10/03/02 16:40
L4	MLJ0139-07	Soil	10/02/02 15:52	10/03/02 16:40
\$7	MLJ0139-08	Soil	10/02/02 15:56	10/03/02 16:40
L5	MLJ0139-09	Soil	10/02/02 15:57	10/03/02 16:40
L4-A	MLJ0139-10	Soil	10/02/02 16:15	10/03/02 16:40
S8	MLJ0139-11	Soil	10/02/02 16:20	10/03/02 16:40
L6	MLJ0139-12	Soil	10/02/02 16:26	10/03/02 16:40
L3	MLJ0139-13	Soil	10/02/02 16:30	10/03/02 16:40
L3A	MLJ0139-14	Soil	10/02/02 16:33	10/03/02 16:40
S4	MLJ0139-15	Soil	10/02/02 16:35	10/03/02 16:40
L7	MLJ0139-16	Soil	10/02/02 16:55	10/03/02 16:40
L8	MLJ0139-17	Soil	10/02/02 17:00	10/03/02 16:40
L12	MLJ0139-18	Soil	10/02/02 17:10	10/03/02 16:40
S12	MLJ0139-19	Soil	10/02/02 17:13	10/03/02 16:40
LII	MLJ0139-20	Soil	10/02/02 17:17	10/03/02 16:40
S11	MLJ0139-21	Soil	10/02/02 17:20	10/03/02 16:40
L10	MLJ0139-22	Soil	10/02/02 17:23	10/03/02 16:40
S10	MLJ0139-23	Soil	10/02/02 17:25	10/03/02 16:40
L9	MLJ0139-24	Soil	10/02/02 17:30	10/03/02 16:40
89	MLJ0139-25	Soil	10/02/02 17:32	10/03/02 16:40
L13	MLJ0139-26	Soil	10/02/02 17:35	10/03/02 16:40

Sequoia Analytical - Morgan Hill

Johnya K. Put

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 #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Project Manager: Scott Robinson

Reported: 10/23/02 13:55

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

	130	yuvia mu	11, 110001	20.8					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1 (MLJ0139-01) Soil Sampled: 10/02/	02 15:35 Rec	eived: 10/03/	02 16:40						
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J17029	10/15/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		81.5 %	64-14	5	H	u	81	#	
Surrogate: 4-Bromosluorobenzene		84.0 %	41-17.	3	#	"	n	"	
L1 (MLJ0139-02) Soil Sampled: 10/02/	02 15:38 Rec	eived: 10/03/	02 16:40	 .					
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J17029	10/15/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		80.5 %	64-14	5	,,	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	41-17.	3	H	"	"	,,,	
S2 (MLJ0139-03) Soil Sampled: 10/02/	02 15:41 Rec	eived: 10/03/	02 16:40						
Gasoline Range Organics (C6-C10)	ND	2.0	mg/kg	1	2J17029	10/15/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		83.0 %	64-14	5	ı	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	41-17.	3	*	"	"	"	
S5 (MLJ0139-04) Soil Sampled: 10/02/	02 15:45 Rec	eived: 10/03/	02 16:40				 		
Gasoline Range Organics (C6-C10)	ND	2.0	mg/kg	1	2J17029	10/15/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		78.0 %	64-14	5	11	"	"	n	
Surrogate: 4-Bromofluorobenzene		92.0 %	41-17.	3	ų	"	11	æ	
L2 (MLJ0139-05) Soil Sampled: 10/02/	02 15:47 Rec	eived: 10/03/	02 16:40						
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J17029	10/15/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		72.0 %	64-14	5	11	"	"	n	
Surrogate: 4-Bromofluorobenzene		91.5%	41-17	3	Ħ	n	n	#	
S6 (MLJ0139-06) Soil Sampled: 10/02/	02 15:51 Rec	eived: 10/03/	02 16:40				<u></u>		
Gasoline Range Organics (C6-C10)	0.90	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	HC-21
Surrogate: a,a,a-Trifluorotoluene		112 %	64-14	5	11	n	n	#	
Surrogate: 4-Bromofluorobenzene		86.0 %	41-17.	3	11	H	n	n	



URS Corporation

500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA

Project Manager: Scott Robinson

Reported: 10/23/02 13:55

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

		Reporting	** **	Dilution	Batch	D	Analyzed	Method	Notes
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Anaryzeo	Method	Notes
L4 (MLJ0139-07) Soil Sampled: 10/02/0	2 15:52 Rec	ceived: 10/03/	02 16:40						
Gasoline Range Organics (C6-C10)	120	1.0	mg/kg	1	2J16040	10/16/02	10/16/02	8015Bm	HC-12,O-09
Surrogate: a,a,a-Trifluorotoluene		82.0 %	64-14	15	"	"	n	"	1904
Surrogate: 4-Bromofluorobenzene		352 %	41-17	73	"	"	"	II .	S-02
S7 (MLJ0139-08) Soil Sampled: 10/02/0	2 15:56 Rec	eived: 10/03/	02 16:40		····				
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		87.0 %	64-14	15	u	H	"	"	
Surrogate: 4-Bromofluorobenzene		83.0 %	41-17	73	"	"	"	"	
L5 (MLJ0139-09) Soil Sampled: 10/02/0	2 15:57 Rec	eived: 10/03/	02 16:40			.,,			
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		76.5 %	64-14	15	"	"	n	n	
Surrogate: 4-Bromofluorobenzene		99.5 %	41-17	73	"	,,	"	"	
L4-A (MLJ0139-10) Soil Sampled: 10/0	2/02 16:15 F	Received: 10/0	<u> 3/02 16:40</u>						
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		94.5 %	64-14	15	"	H	"	R	
Surrogate: 4-Bromofluorobenzene		98.5 %	41-17	73	ıt	"	n	"	
S8 (MLJ0139-11) Soil Sampled: 10/02/0	02 16:20 Rec	eived: 10/03/	02 16:40		<u> </u>	·····			<u> </u>
Gasoline Range Organics (C6-C10)	0.62	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	HC-12
Surrogate: a,a,a-Trifluorotoluene	-	102 %	64-14	15	ır	"	u	"	
Surrogate: 4-Bromosluorobenzene		110 %	41-17	73	n	#	ff	"	
L6 (MLJ0139-12) Soil Sampled: 10/02/0	12 16:26 Rec	eived: 10/03/	02 16:40					,,,	
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		83.0 %	64-14	15	H	"	n	"	
Surrogate: 4-Bromofluorobenzene		80.0 %	41-17	73	"	#	Ħ	"	



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Project Manager: Scott Robinson

Reported: 10/23/02 13:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L3 (MLJ0139-13) Soil Sampled: 10/02	/02 16:30 Rec	eived: 10/03/	02 16:40						
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a.a.a-Trifluorotoluene		89.5 %	64-14	5	n	Ħ	tt	"	
Surrogate: 4-Bromofluorobenzene		92.5 %	41-17	3	"	"	n	n	
L3A (MLJ0139-14) Soil Sampled: 10/6	02/02 16:33 Re	ceived: 10/0	3/02 16:40						
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	11	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		101 %	64-14	5	**	"	Ħ	"	
Surrogate: 4-Bromofluorobenzene		84.5 %	41-17	3	Ħ	#	"	n	
S4 (MLJ0139-15) Soil Sampled: 10/02	/02 16:35 Rec	eived: 10/03/	02 16:40					·	
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	··-·
Surrogate: a,a,a-Trifluorotoluene		90.5 %	64-14	5	"	,,	#	"	
Surrogate: 4-Bromofluorobenzene		93.0 %	41-17	3	#	n	n	n .	
L7 (MLJ0139-16) Soil Sampled: 10/02	/02 16:55 Rec	eived: 10/03/	02 16:40					·	
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a.a.a-Trifluorotoluene		80.0 %	64-14	5	D	n	n	n	
Surrogate: 4-Bromofluorobenzene		83.0 %	41-17	3	"	н	#	tt	
L8 (MLJ0139-17) Soil Sampled: 10/02	/02 17:00 Rec	<u>eived: 10/03/</u>	02 16:40						
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	_1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		77.5 %	64-14	5	u		#	n	
Surrogate: 4-Bromofluorobenzene		92.0 %	41-17	3	"	#	#	"	
L12 (MLJ0139-18) Soil Sampled: 10/0	2/02 17:10 Re	ceived: 10/03	3/02 16:40	· · · · · · · · · · · · · · · · · · ·					
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		75.0 %	64-14	5	"	"	ŧŧ	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	41-17	3	"	,,	n	"	



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S12 (MLJ0139-19) Soil Sampled: 10/02	/02 17:13 Re	ceived: 10/03	3/02 16:40						
Gasoline Range Organics (C6-C10)	56	20	mg/kg	20	2J16040	10/16/02	10/16/02	8015Bm	HC-21
Surrogate: a,a,a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene		97.5 % 274 %	64-14. 41-17.	-	ti ti	"	"	"	S-01
L11 (MLJ0139-20) Soil Sampled: 10/02	/02 17:17 Re	ceived: 10/03	3/02 16:40						
Gasoline Range Organics (C6-C10)	ND_	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene		80.5 % 92.0 %	64-14. 41-17.		n	n u	# #	# #	
S11 (MLJ0139-21) Soil Sampled: 10/02	/02 17:20 Re	ceived: 10/03	3/02 16:4 <u>0</u>		.,				
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene		87.5 % 96.5 %	64-14. 41-17.		H	"	"	11	
L10 (MLJ0139-22) Soil Sampled: 10/02	/02 17:23 Re	ceived: 10/03	3/02 16:40	 .					
Gasoline Range Organics (C6-C10)	ND _	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene		73.5 % 98.5 %	64-14. 41-17.	_	#	#	"	n	
S10 (MLJ0139-23) Soil Sampled: 10/02	/02 17:25 Re	ceived: 10/03	3/02 16:40						
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene		74.5 % 107 %	64-14. 41-17.	-	#	"	"	"	
L9 (MLJ0139-24) Soil Sampled: 10/02/	02 17:30 Rec	eived: 10/03/	02 16:40	<u></u>					
Gasoline Range Organics (C6-C10)	ND _	0.50	mg/kg	i	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene		84.5 % 115 %	64-14. 41-17.	=	"	#	#	ti et	



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S9 (MLJ0139-25) Soil Sampled: 10/02	/02 17:32 Rec	eived: 10/03/	02 16:40						
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene		78.0 %	64-14	15	#	11	n	<i>n</i>	
Surrogate: 4-Bromofluorobenzene		96.0 %	41-17	'3	"	"	"	#	
L13 (MLJ0139-26) Soil Sampled: 10/0	2/02 17:35 R	eceived: 10/03	/02 16:40		,··· · · · · · · · · · · · · · · · · ·				
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J16001	10/16/02	10/16/02	8015Bm	
Surrogate: a.a.a-Trifluorotoluene		83.0 %	64-14	15	"	"	n	rt .	
Surrogate: 4-Bromofluorobenzene		91.0 %	41-17	<i>'3</i>	#	"	."	"	



URS Corporation

500 12th Street, Suite 100 Oakland CA, 94607

Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson

Reported: 10/23/02 13:55

MTBE by EPA Method 8260B Sequoia Analytical - Morgan Hill

						~			
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1 (MLJ0139-01) Soil Sampled: 10/02	/02 15:35 Rece	ived: 10/03/	<u>02 16:40</u>	<u>. </u>	·····				·
Methyl tert-butyl ether	8.2	2.0	ug/kg	4	2J12001	10/12/02	10/12/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	_	108 %	60-	-140	**	t)	n	"	
L1 (MLJ0139-02) Soil Sampled: 10/02	/02 15:38 Rece	ived: 10/03/	<u>02 16:40</u>						
Methyl tert-butyl ether	160	2.4	ug/kg		2112001	10/12/02	10/12/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		103 %	60-	-140	"	ø	"	"	
S2 (MLJ0139-03) Soil Sampled: 10/02	/02 15:41 Rece	<u>ived: 10/03/</u>	<u>02 16:40</u>		<u> </u>	<u>. </u>		·** · · · · · · · · · · · · · · · · · ·	
Methyl tert-butyl ether	0.35	0.025	mg/kg	1	2J17019	10/16/02	10/16/02	EPA 8260B	O-10
Surrogate: 1,2-Dichloroethane-d4		91.2 %	60-	-140	"	d	n	"	
S5 (MLJ0139-04) Soil Sampled: 10/02	/02 15:45 Rece	ived: 10/03/	02 16:40	<u></u>					
Methyl tert-butyl ether	ND	1.4	ug/kg	00000190	2J12001	10/12/02	10/12/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		107 %	60-	-140	"	n	n	"	
L2 (MLJ0139-05) Soil Sampled: 10/02	/02 15:47 Rece	ived: 10/03/	02 16:40						
Methyl tert-butyl ether	ND	2.0	ug/kg	30000572	: 2312001	10/12/02	10/12/02	EPA 8260B	O-09
Surrogate: 1,2-Dichloroethane-d4		106 %	60-	-140	"	rt	"	,,	
S6 (MLJ0139-06) Soil Sampled: 10/02	/02 15:51 Rece	ived: 10/03/	02 16:40	<u> </u>					HT-04
Methyl tert-butyl ether	3.8	0.050	mg/kg	2	2J17019	10/16/02	10/20/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	60-	-140	"	"	"	#	
L4 (MLJ0139-07) Soil Sampled: 10/02	/02 15:52 Rece	ived: 10/03/	02 16;40		*****			······································	HT-04
Methyl tert-butyl ether	1.9	0.50	mg/kg	20	2J17019	10/16/02	10/20/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		107 %	60-	-140	n	#	"	"	



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

MTBE by EPA Method 8260B Sequoia Analytical - Morgan Hill

Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
02 15:56 Rec	ceived: 10/03/	02 16:40		···				
96	4.3	ug/kg	99998855	: 2J15012	10/15/02	10/15/02	EPA 8260B	
	93.2 %	60-	140	"	"	"	"	
02 15;57 Rec	eived: 10/03/	02 16:40						
20	1.8_	ug/kg	39999046	2J12001	10/12/02	10/13/02	EPA 8260B	O-09
	97.0 %	60-	140	"	"	#	"	
2/02 16:15 I	Received: 10/0)3/02 16: ₄	40		····			
200	4.1	ug/kg	79998092	2J15012	10/15/02	10/15/02	EPA 8260B	
	95.4 %	60-	140	"	"	tt .	"	
02 16:20 Rec	ceived: 10/03/	02 16:40						
200	4.6	ug/kg)0002288	2J15012	10/15/02	10/16/02	EPA 8260B	
	93.8 %	60-	140	"	"	#	"	
02 16:26 Rec	eived: 10/03/	02 16:40						HT-04
0.48	0.025	mg/kg	1	2J17019	10/16/02	10/20/02	EPA 8260B	
	91.6%	60-	140	"	,,	"	"	
02 16:30 Rec	eived: 10/03/	02 16:40					·	
240	4.0	ug/kg	00004196	5 2J15012	10/15/02	10/16/02	EPA 8260B	
	96.6 %	60-	140	#	"	#	n	
2/02 16:33 R	eceived: 10/0.	3/02 16:4	0			·····		
0.60	0.025	mg/kg	1	2J17019	10/16/02	10/16/02	EPA 8260B	O-10
	86.6 %	60-	140	#	"	#	u	
	02 15:56 Rev 96 02 15:57 Rev 20 02 16:15 J 200 02 16:20 Rev 200 02 16:26 Rev 0.48 02 16:30 Rev 240	Result Limit 02 15:56 Received: 10/03/96 96 4.3 93.2 % 02 15:57 02 15:57 Received: 10/03/20 20 1.8 97.0 % 02/02 16:15 Received: 10/0/20 200 4.1 95.4 % 95.4 % 02 16:20 Received: 10/03/20 200 4.6 93.8 % 93.8 % 02 16:26 Received: 10/03/20 0.48 0.025 91.6 % 96.6 % 2/02 16:33 Received: 10/0/20 0.60 0.025	Result Limit Units 02 15:56 Received: 10/03/02 16:40 96 4.3 ug/kg 93.2 % 60-02 15:57 Received: 10/03/02 16:40 20 1.8 ug/kg 97.0 % 60-02/02 16:15 Received: 10/03/02 16:40 200 4.1 ug/kg 95.4 % 60-02 16:20 Received: 10/03/02 16:40 200 4.6 ug/kg 93.8 % 60-02 16:26 Received: 10/03/02 16:40 0.48 0.025 mg/kg 91.6 % 60-02 16:30 Received: 10/03/02 16:40 240 4.0 ug/kg 96.6 % 60-02 16:33 Received: 10/03/02 16:40 202 16:33 Received: 10/03/02 16:40 200 216:33 Received: 10/03/02 16:40	Result Limit Units Dilution 02 15:56 Received: 10/03/02 16:40 96 4.3 ug/kg 99998855 93.2 % 60-140 60-140 02 15:57 Received: 10/03/02 16:40 9999046 97.0 % 60-140 60-140 02/02 16:15 Received: 10/03/02 16:40 99998092 95.4 % 60-140 60-140 02 16:20 Received: 10/03/02 16:40 002 16:40 02 16:26 Received: 10/03/02 16:40 0.48 0.025 mg/kg 1 91.6 % 60-140 60-140 002 16:30 Received: 10/03/02 16:40 00004196 96.6 % 60-140 0.002 16:33 Received: 10/03/02 16:40 0.002 16:40 0.60 0.025 mg/kg 1	Result Limit Units Dilution Batch 02 15:56 Received: 10/03/02 16:40 93.2 % 60-140 " 93.2 % 60-140 " 02 15:57 Received: 10/03/02 16:40 20 1.8 ug/kg >99999046: 2J12001 97.0 % 60-140 " 02/02 16:15 Received: 10/03/02 16:40 200 4.1 ug/kg >9998092: 2J15012 93.8 % 60-140 " 02 16:20 Received: 10/03/02 16:40 200 4.6 ug/kg J17019 91.6 % 60-140 " 02 16:30 Received: 10/03/02 16:40 240 4.0 ug/kg 00004196 2J15012 96.6 % 60-140 " 2/02 16:33 Received: 10/03/02 16:40 0.60 0.025 mg/kg 1 2J17019	Result	Result Limit Units Dilution Batch Prepared Analyzed 02 15:56 Received: 10/03/02 16:40 9998855: 2J15012 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/13/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/15/02 10/16/02 10/	Result Limit Units Dilution Batch Prepared Analyzed Method



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Project Manager: Scott Robinson

Reported:

10/23/02 13:55

MTBE by EPA Method 8260B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S4 (MLJ0139-15) Soil Samp	oled: 10/02/02 16:35 R	eceived: 10/03/	02 16:40						
Methyl tert-butyl ether	0.92	0.025	mg/kg	_1	2317019	10/16/02	10/16/02	EPA 8260B	O-10
Surrogate: 1,2-Dichloroethane-	d4	87.2 %	60	-140	"	"	"	"	
L7 (MLJ0139-16) Soil Samu	led: 10/02/02 16:55 R	eceived: 10/03/	02 16:40						
Methyl tert-butyl ether	0.34	0.025	mg/kg	1	2J17019	10/16/02	10/16/02	EPA 8260B	O-10
Surrogate: 1,2-Dichloroethane-	d4	87.8 %	60-	-140	"	"	#	"	
L8 (MLJ0139-17) Soil Sami	oled: 10/02/02 17:00 R	eceived: 10/03/	02 16:40						
Methyl tert-butyl ether	33	1.4	ug/kg		(2J12002	10/12/02	10/13/02	EPA 8260B	O-09
Surrogate: 1,2-Dichloroethane-	d4	91.8 %	60-	-140	"	#	#	"	
L12 (MLJ0139-18) Soil Sam	pled: 10/02/02 17:10 I	Received: 10/03	/02 16:4	0					
Methyl tert-butyl ether	130	1.4	ug/kg	3 9999904	(2J12002	10/12/02	10/13/02	EPA 8260B	O-09
Surrogate: 1,2-Dichloroethane-	d4	94.4 %	60-	-140	n	#	H	n	
S12 (MLJ0139-19) Soil Sam	pled: 10/02/02 17:13	Received: 10/0:	3/02 16:4	0					HT-04
Methyl tert-butyl ether	0.058	0.050	mg/kg	2	2J17019	10/16/02	10/20/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-	d4	100 %	60	-140	н	H	rr .	"	
L11 (MLJ0139-20) Soil Sam	pled: 10/02/02 17:17 I	Received: 10/03	3/02 16:4	0					
Methyl tert-butyl ether	15	1.6	ug/kg		2312002	10/12/02	10/14/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-	d4	91.2 %	60-	-140	"	"	"	,,	
S11 (MLJ0139-21) Soil Sam	pled: 10/02/02 17:20	Received: 10/0	3/02 16:4	0				·	
Methyl tert-butyl ether	32	1.8	ug/kg		; 2J12002	10/12/02	10/14/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-	d4	87.2 %	60-	-140	" "	Ħ	#	"	



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

Project Manager: Scott Robinson

MTBE by EPA Method 8260B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L10 (MLJ0139-22) Soil Sampled: 10/0	2/02 17:23 Re	ceived: 10/03	3/02 16:4	0					HT-04
Methyl tert-butyl ether	0.79	0.025	mg/kg	1	2J17019	10/16/02	10/17/02	EPA 8260B	O-10
Surrogate: 1,2-Dichloroethane-d4		87.4 %	60-	-140	"	Ħ	#	#	
S10 (MLJ0139-23) Soil Sampled: 10/0	2/02 17:25 Re	ceived: 10/03	3/02 16:4	0					
Methyl tert-butyl ether	59	2.2	ug/kg		2J12002 ،	10/12/02	10/14/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	60-	-140	,,	"	#	n	
L9 (MLJ0139-24) Soil Sampled: 10/02	2/02 17:30 Rec	eived: 10/03/	02 16:40						HT-04
Methyl tert-butyl ether	0.54	0.025	mg/kg	1	2J17019	10/16/02	10/17/02	EPA 8260B	0-10
Surrogate: 1,2-Dichloroethane-d4		89.4 %	60-	-140	"	"	н	"	
S9 (MLJ0139-25) Soil Sampled: 10/02	2/02 17:32 Rec	eived: 1 <u>0/03/</u>	02 16:40						
Methyl tert-butyl ether	6.8	1.5	ug/kg		12312002	10/12/02	10/14/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		89.6 %	60-	-140	"	"	"	"	
L13 (MLJ0139-26) Soil Sampled: 10/0)2/02 17:35 Re	ceived: 10/03	3/02 16:4	0					
Methyl tert-butyl ether	22	2.2	ug/kg		£2J12002	10/12/02	10/14/02	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	60-	-140	"	"	#	"	



URS Corporation

500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson

Reported: 10/23/02 13:55

BTEX by EPA Method 8260B Sequoia Analytical - Morgan Hill

		quoin 1111		******					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S2 (MLJ0139-03) Soil Sampled: 10/0	02/02 15:41 Rec	eived: 10/03/	02 16:40	<u>-</u>		·			
Benzene	ND	0.050	mg/kg	1	2J17019	10/16/02	10/16/02	EPA 8260B	
Toluene	ND	0.050	11	n,	0	*1	"	H	
Ethylbenzene	ND	0.050	17	11	10	IF	11	1)	
Total Xylenes	ND	0.050	11		0	н	"	п	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	60-	140	11	"	"	n	
	02/02 15:51 Rec	eived: 10/03/	02 16:40						HT-04
Benzene	ND	0.10	mg/kg	2	2J17019	10/16/02	10/20/02	EPA 8260B	
Toluene	0.15	0.10	11	ŋ	Ħ	Đ.	41	11	
Ethylbenzene	ND	0.10	**	"	n	u	**	n	
Total Xylenes	0.89	0.10	"	п	Ħ	tt	11	0	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	60-	140	"	n	p	и	
L4 (MLJ0139-07) Soil Sampled: 10/0	02/02 15:52 Rec	eived: 10/03/	02 16:40						HT-04
Benzene	ND	1.0	mg/kg	20	2J17019	10/16/02	10/20/02	EPA 8260B	
Toluene	2.9	1.0	*1	O O	41	tt	**	**	
Ethylbenzene	2.9	1.0	II	11		19	ij	U	
Total Xylenes	38	1.0	11	e e	***	H			
Surrogate: 1,2-Dichloroethane-d4		107%	60-	140	"	"	H	"	
L6 (MLJ0139-12) Soil Sampled: 10/6	02/02 16:26 Rec	eived: 10/03/	02 16:40					1	HT-04,R-05
Benzene	ND	0.050	mg/kg	1	2J17019	10/16/02	10/20/02	EPA 8260B	R-05
Toluene	ND	0.050	H	11	11	t†	n	tt.	R-05
Ethylbenzene	ND	0.050	n	11	u	"	**	n	R-05
Total Xylenes	ND	0.050	U	н	11	11	11	ц	R-05
Surrogate: 1,2-Dichloroethane-d4		91.6 %	60-	140	"	"	ti.	н	R-05



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

BTEX by EPA Method 8260B Sequoia Analytical - Morgan Hill

		oquom 11							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L3A (MLJ0139-14) Soil	Sampled: 10/02/02 16:33	Received: 10/0	<u>3/02 16:40</u>)		, <u></u>			
Benzene	ND	0.050	mg/kg	1	2J17019	10/16/02	10/16/02	EPA 8260B	
Toluene	ND	0.050	11	**	0	17	11		
Ethylbenzene	ND	0.050	**	11	n	41	it	tr	
Total Xylenes	0.074	0.050	11	D	11	11	H	"	
Surrogate: 1,2-Dichloroeth	ine-d4	86.6 %	60-1	140	n	"	"	"	
S4 (MLJ0139-15) Soil S	ampled: 10/02/02 16:35 R	eceived: 10/03/	02 16:40						
Benzene	ND	0.050	mg/kg	1	2J17019	10/16/02	10/16/02	EPA 8260B	
Toluene	ND	0.050	"	11	tt	n	41	16	
Ethylbenzene	ND	0.050	11	n	n	IT	"	ır	
Total Xylenes	ND	0.050	11	н	n	9	"	11	
Surrogate: 1,2-Dichloroethe	ine-d4	87.2 %	60-1	140	#	"	"	"	
L7 (MLJ0139-16) Soil S	ampled: 10/02/02 16:55 R	eceived: 10/03/	02 16:40						
Benzene	ND	0.050	mg/kg	1	2J17019	10/16/02	10/16/02	EPA 8260B	
Toluene	ND	0.050	19	Ħ	15	n	D	11	
Ethylbenzene	ND	0.050	н	1)	tt	**	#	п	
Total Xylenes	ND	0.050	0	It	#1	u .	**	11	
Surrogate: 1,2-Dichloroeth	ine-d4	87.8 %	60-1	140	"	<i>u</i> ·	n	"	
S12 (MLJ0139-19) Soil S	Sampled: 10/02/02 17:13	Received: 10/03	3/02 16:40						HT-04
Benzene	ND	0.10	mg/kg	2	2J17019	10/16/02	10/20/02	EPA 8260B	
Toluene	ND	0.10	H	et e	**	11	n	"	
Ethylbenzene	0.39	0.10	e	n		11	31	**	
Total Xylenes	6.6	0.10	"	11	tr	11	II		
Surrogate: 1,2-Dichloroethe	ine-d4	100 %	60-1	140	n	"	#	n	



URS Corporation 500 12th Street, Suite 100

Oakland CA, 94607

Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

BTEX by EPA Method 8260B

BTEX by EPA Method 8260B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L10 (MLJ0139-22) Soil Sampled: 10/0)2/02 17:23 Re	ceived: 10/03	/02 16:40				-		HT-04
Benzene	ND	0.050	mg/kg	1	2J17019	10/16/02	10/17/02	EPA 8260B	
Toluene	ND	0.050	II .	**	11	31	n	n	
Ethylbenzene	ND	0.050	11	11	"	**	11	III	
Total Xylenes	0.061	0.050	91	11	. If	ti	"	"	
Surrogate: 1,2-Dichloroethane-d4		87.4 %	60-1	40	"	Ħ	"	"	
L9 (MLJ0139-24) Soil Sampled: 10/02	:/02 17:30 Rec	eived: 10/03/	02 16:40						HT-04
Benzene	ND	0.050	mg/kg	1	2J17019	10/16/02	10/17/02	EPA 8260B	
Toluene	ND	0.050	11	**	11	**	11	11	
Ethylbenzene	ND	0.050	II .	ŧŧ	"	tr	"		
Total Xylenes	ND_	0.050	Ħ	0	n	11	n n	tt	
Surrogate: 1,2-Dichloroethane-d4		89.4 %	60-1	40	"	"	"	"	



URS Corporation

500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson Reported: 10/23/02 13:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1 (MLJ0139-01) Soil Sampled: 10/02	2/02 15:35 Red	ceived: 10/03/	<u>02 16:40</u>	ļ <u>.</u>				·	
Benzene	ИD	2.0	ug/kg	4	2J12001	10/12/02	10/12/02	EPA 8260B	
Ethylbenzene	ND	2.0	fi	11	11	61	tŧ	11	
Toluene	ND	2.0	tr	17	11	11	n	N	
Total Xylenes	_ND	2.0	19	, n	"	11	11	H	
Surrogate: Dibromofluoromethane		110 %	60-	-140	#	n	H	u	
Surrogate: 1,2-Dichloroethane-d4		108 %	60	-140	"	#	"	"	
Surrogate: Toluene-d8		92.2 %	60-	-140	"	"	**	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	60-	-140	#	"	"	#	
L1 (MLJ0139-02) Soil Sampled: 10/02	2/02 15:38 Rec	eived: 10/03/	<u>02 16:40</u>		 .				
Benzene	ND	2.4	ug/kg	00002288	2J12001	10/12/02	10/12/02	EPA 8260B	
Ethylbenzene	ND	2.4	H	"	**	*1	17	н	
Toluene	ND	2.4	н	tt	н	IF	н	II .	
Total Xylenes	ND	2.4	II .	"	"	"	***	и	0-10
Surrogate: Dibromofluoromethane		104 %	60-	-140	#	#	"	"	
Surrogate: 1,2-Dichloroethane-d4		103 %	60-	-140	"	"	n	"	
Surrogate: Toluene-d8		85.2 %	60-	-140	19	n	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	60-	-140	#	H	#	"	
S5 (MLJ0139-04) Soil Sampled: 10/02	1/02 15:45 Res	:eived: 10/03/	<u>02 16:40</u>						
Benzene	ND	1.4	ug/kg	00000190	2J12001	10/12/02	10/12/02	EPA 8260B	
Ethylbenzene	ND	1.4	**	11	**	u	**	**	
Toluene	ND	1.4	11	11	Ħ	II	rr	11	
Total Xylenes	ND	1.4	"	11		"	ÞT	11	0-10
Surrogate: Dibromofluoromethane		104 %	60-	-140	n	H	n	"	
Surrogate: 1,2-Dichloroethane-d4		107 %	60-140		"	"	Ħ	"	
Surrogate: Toluene-d8		87.0 %	6 60-140		Ħ	#	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	60-	-140	Ħ	n	#	tr	



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L2 (MLJ0139-05) Soil Sampled: 10/0/	2/02 15:47 Rec	eived; 10/03/	02 16:40						
Benzene	ND	2.0	ug/kg	000005722	2J12001	10/12/02	10/12/02	EPA 8260B	
Ethylbenzene	ND	2.0	н	н	11	11	Ħ	PT .	
Toluene	ND	2.0	11	ir	tr .	H	11	**	
Total Xylenes	ND	2.0	H	11	**	1)	"		
Surrogate: Dibromofluoromethane		109 %	60	-140	"	Ħ	"	п	
Surrogate: 1,2-Dichloroethane-d4		106 %	60	-140	"	H	"	"	
Surrogate: Toluene-d8		93.4 %	60	-140	"	u	ŧŧ	1f	
Surrogate: 4-Bromofluorobenzene		102 %	60	-140	"	"	Ħ	n	
S7 (MLJ0139-08) Soil Sampled: 10/02	2/02 15:56 Rec	eived: 10/03/	02 16:40)				····	
Benzene	ND	4.3	ug/kg	99998855:	2J15012	10/15/02	10/15/02	EPA 8260B	
Ethylbenzene	ND	4.3	11	**	31	11	a	и	
Toluene	ND	4.3	11	11	**	tt	H	n	
Total Xylenes	ND	4.3	Ħ		11	11	*11	l1	
Surrogate: Dibromofluoromethane		95.8 %	60	-140	"	#	#	n	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	60	-140	"	#	•	"	
Surrogate: Toluene-d8		87.0 %	60	-140	n	. "	#	tt.	
Surrogate: 4-Bromofluorobenzene		97.8 %	60	-140	n	#	#	n	
L5 (MLJ0139-09) Soil Sampled: 10/02	2/02 15:57 Rec	eived: 10/03/	<u>02 16:40</u>						
Benzene	2.2	1.8	ug/kg	3 99990463	2J12001	10/12/02	10/13/02	EPA 8260B	
Ethylbenzene	2.7	1.8	u	**	**	**	н	**	
Toluene	2.4	1.8		11	n	11	11	ır	
Total Xylenes	25	1.8	lt .		"	"	н	и	<u></u>
Surrogate: Dibromofluoromethane		101 %	60	-140	15	n	Ħ	"	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	60-140		n	#	H	"	
Surrogate: Toluene-d8		88.6 %			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	60	-140	n	#	#	"	



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L4-A (MLJ0139-10) Soil S	ampled: 10/02/02 16:15	Received: 10/0	3/02 16:	40					
Benzene	5.2	4.1	ug/kg	999980920	2J15012	10/15/02	10/15/02	EPA 8260B	
Ethylbenzene	4.4	4.1	Ħ	n	11	"	n	11	
Toluene	ND	4.1	II	Ir	*	D	11		
Total Xylenes	ND	4.1	n	n		"	11	н	
Surrogate: Dibromofluoromei	thane	92.0 %	60	-140	"	"	H	#	
Surrogate: 1,2-Dichloroethan		95.4 %	60	-140	И	#	n	n	
Surrogate: Toluene-d8		87.4 %	60	-140	#	"	**	"	
Surrogate: 4-Bromofluoroben	zene	99.0 %	60	-140	"	H	"	"	
S8 (MLJ0139-11) Soil San	1pled: 10/02/02 16:20 R	eceive <u>d: 10/03/</u>	02 16:40						
Benzene	ND	4.6	ug/kg	00002288	2J15012	10/15/02	10/16/02	EPA 8260B	
Ethylbenzene	64	4.6	1P	Ħ	**	11	**	11	
Toluene	57	4.6	11	11	u	#	n	"	
Total Xylenes	590	4.6	IP	11	11	н	11	11	
Surrogate: Dibromofluoromei	thane	93.4 %	60	-140	"	#	"	"	
Surrogate: 1,2-Dichloroethan		93.8 %	60	-140	#	n	n	"	
Surrogate: Toluene-d8		82.4 %	60	-140	"	Ħ	"	<i>n</i>	
Surrogate: 4-Bromosluoroben	zene	111%	60	-140	"	"	"	н	
L3 (MLJ0139-13) Soil San	apled: 10/02/02 16:30 R	eceived: 10/03/	<mark>02 16:4</mark> 0						
Benzene	ND	4.0	ug/kg	00004196	2315012	10/15/02	10/16/02	EPA 8260B	
Ethylbenzene	ND	4.0	41	#1	п	"	11	11	
Toluene	ND	4.0	11	"	11	11	11	"	
Total Xylenes	NDND	4.0	н	11	0	H	17	11	
Surrogate: Dibromofluoromei	thane	93.6%	60	-140	n	"	H	n	
Surrogate: 1,2-Dichloroethan		96.6 %	60	-140	n	#	n	H	
Surrogate: Toluene-d8		87.6 %	60	-140	n	**	Ħ	"	
Surrogate: 4-Bromofluoroben	zene	108 %	60	-140	"	#	n	"	



URS Corporation

500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Project Manager: Scott Robinson

Reported: 10/23/02 13:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L8 (MLJ0139-17) Soil Sampled: 10/02	2/02 17:00 Rec	eived: 10/03/	02 16:40			····			
Benzene	ND	1.4	ug/kg	000010490	2J12002	10/12/02	10/13/02	EPA 8260B	
Ethylbenzene	ND	1.4	11	ti	U	It	n	**	
Toluene	ND	1.4	11	rt	IP	IJ	11	···	
Total Xylenes	ND _	1.4	11	tł	11	11	11	н	
Surrogate: Dibromosluoromethane		100 %	60-	-140	n	11	'n	"	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	60-	-140	"	H	"	"	
Surrogate: Toluene-d8		86.4 %	60	-140	tt	Ħ	u	"	
Surrogate: 4-Bromofluorobenzene		103 %	60-	-140	"	n	n	n	
L12 (MLJ0139-18) Soil Sampled; 10/6	02/02 17:10_Re	eceived: 10/03	/02 16:4	0			····		
Benzene	ND	1.4	ug/kg	999999040	2J12002	10/12/02	10/13/02	EPA 8260B	
Ethylbenzene	ND	1.4	IF	tt	11	I)	11	II.	
Toluene	ND	1.4	11	"	10	11	0	IJ	
Total Xylenes	ND	1.4	11	Ħ	11	11		II	
Surrogate: Dibromofluoromethane		98.4 %	60-	-140	n	19	n	n	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	60	-140	"	"	"	"	
Surrogate: Toluene-d8		85.0 %	60-	-140	#	"	n	"	
Surrogate: 4-Bromofluorobenzene		100 %	60-	-140	Ħ	tt	Ħ	n	
L11 (MLJ0139-20) Soil Sampled: 10/	02/02 17:17 Re	eceived: 10/03	/02 16:4	0					
Benzene	ND	1.6	ug/kg	000003814	2J12002	10/12/02	10/14/02	EPA 8260B	
Ethylbenzene	ND	1.6	ır	89	"	11	**	n	
Toluene	ND	1.6	11	Ħ	H	11	n	ir .	
Total Xylenes	ND	1.6	11	n	11	11	11	11	
Surrogate: Dibromofluoromethane		96.2 %	60-	-140	n	ıı	#	#	
Surrogate: 1,2-Dichloroethane-d4		91.2 %			D	**	57	**	
Surrogate: Toluene-d8		86.2 %	60	-140	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	60	-140	#	"	н	"	



URS Corporation

500 12th Street, Suite 100 Oakland CA, 94607

Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson

Reported:

10/23/02 13:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S11 (MLJ0139-21) Soil Sampled: 10/	02/02 17:20 Re	ceived: 10/03	/02 16:4	0					
Benzene	ND	1.8	ug/kg	999998092	2J12002	10/12/02	10/14/02	EPA 8260B	
Ethylbenzene	ND	1.8	11	n	11	**	11	n	
Toluene	ND	1.8	11	Ħ	11	ff.	**	**	
Total Xylenes	ND	1.8	**	n	n	1)	11	11	
Surrogate: Dibromofluoromethane		96.0 %	60	-140	n	#	Ħ	n	
Surrogate: 1,2-Dichloroethane-d4		87.2 %	60	-140	"	Ħ	Ħ	"	
Surrogate: Toluene-d8		86.0 %	60	-140	"	"	#	"	
Surrogate: 4-Bromofluorobenzene		104 %	60	-140	H	ŧŧ	я	55	
S10 (MLJ0139-23) Soil Sampled: 10/	02/02 17:25 Re	ceived: 10/03	/02 16:4	0					
Benzene	ND	2.2	ug/kg	000003814	2J12002	10/12/02	10/14/02	EPA 8260B	
Ethylbenzene	ND	2.2	11	11	17	Ħ	II	и	
Toluene	ND	2.2	"	11	н	17	II	11	
Total Xylenes	ND	2.2	11	II		н	11	11	
Surrogate: Dibromofluoromethane		96.6 %	60	-140	n	"	"	**	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	60	-140	"	#	Ħ	n .	
Surrogate: Toluene-d8		85.6 %	60	-140	"	n	#	"	
Surrogate: 4-Bromofluorobenzene		112 %	60	-140	"	"	"	#	
S9 (MLJ0139-25) Soil Sampled: 10/0	2/02 17:32 Rec	eived: 10/03/	02 16:40)	_				···
Benzene	ND	1.5	ug/kg	799997138	2J12002	10/12/02	10/14/02	EPA 8260B	
Ethylbenzene	ND	1.5	19	n	11	**	ii.	11	
Toluene	ND	1.5	"	4	11	**	r r	n	
Total Xylenes	ND	1.5	II	n	tr	rı	11	II .	
Surrogate: Dibromofluoromethane		98.8 %	60	-140	"	n	#	"	
Surrogate: 1,2-Dichloroethane-d4		89.6 %	60	-140	#	"	"	"	
Surrogate: Toluene-d8		91.4 %	60	-140	tf	н	Ħ	"	
Surrogate: 4-Bromofluorobenzene		103 %	60	-140	"	n	#	n	



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
L13 (MLJ0139-26) Soil Sampled: 10/0)2/02 17:35 Re	ceived: 10/03	/02 16:4	0			 -		
Benzene	ND	2.2	ug/kg	000007629	2J12002	10/12/02	10/14/02	EPA 8260B	
Ethylbenzene	ND	2.2	11	W	11	Ħ	D	11	
Toluene	ND	2.2	**	"	IF	H	U	11	
Total Xylenes	ND	2.2	")r	н	IF.	11	
Surrogate: Dibromofluoromethane		96.0 %	60-	-140	n	H	11	"	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	60-	-140	"	#	n	"	
Surrogate: Toluene-d8		88.8 %	60-	-140	"	Ħ	#	"	
Surrogate: 4-Bromofluorobenzene		102 %	60-	-140	"	"	"	"	



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

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

	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Kesuit	Limit	Units	Tever	Kesuit	70KEC	Lilling	KID	Lillit	140168
Batch 2J16001 - EPA 5030B [P/T]										···
Blank (2J16001-BLK1)				Prepared a	& Analyze	d: 10/16/	02			
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	0.0171		п	0.0200		85.5	64-145			
Surrogate: 4-Bromofluorobenzene	0.0175		n	0.0200		87.5	41-173			
LCS (2J16001-BS1)				Prepared a	& Analyze	ed: 10/16/0	02			
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	0.500		86.8	63-143			.=
Surrogate: a,a,a-Trifluorotoluene	0.0171		п	0.0200		85.5	64-145			
Surrogate: 4-Bromofluorobenzene	0.0222		"	0.0200		111	41-173			
LCS (2J16001-BS2)				Prepared a	& Analyze	d: 10/16/0	02			
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	0.500		98.4	63-143			
Surrogate: a,a,a-Trifluorotoluene	0.0279		"	0.0200		140	64-145		· ·	
Surrogate: 4-Bromofluorobenzene	0.0134		"	0.0200		67.0	41-173			
LCS Dup (2J16001-BSD1)				Prepared a	& Analyze	d: 10/16/0	02			
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	0.500		81.2	63-143	6,67	21	
Surrogate: a,a,a-Trifluorotoluene	0.0193	····	"	0.0200		96.5	64-145			
Surrogate: 4-Bromofluorobenzene	0.0220		#	0.0200		110	41-173			
Matrix Spike (2J16001-MS1)	So	urce: MLJ01	39-21	Prepared a	& Analyze	d: 10/16/0	02			
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	0.500	ND	93.0	63-143			
Surrogate: a,a,a-Trifluorotoluene	0.0235		"	0.0200		118	64-145			
Surrogate: 4-Bromofluorobenzene	0.0149		H	0.0200		74.5	41-173			
Matrix Spike Dup (2J16001-MSD1)	So	urce: MLJ01	39-21	Prepared	& Analyze	ed: 10/16/0	02			
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	0.500	ND	82.6	63-143	11.8	21	
Surrogate: a,a,a-Trifluorotoluene	0.0127		"	0.0200		63.5	64-145		***	QM-0
Surrogate: 4-Bromofluorobenzene	0.0151		u	0.0200		75.5	41-173			



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

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 2J16040 - EPA 5030B [P/T]										
				Prepared &	& Analyze	ad: 10/16/	12		7%-1	
Blank (2J16040-BLK1)	ND	1.0	mg/kg	1 repared t	z miaryz.	Ju. 10/10/	024			
Gasoline Range Organics (C6-C10)	- 1	1.0								
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 &	& Analyz	ed: 10/16/0	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 &	& Analyze	ed: 10/16/0	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		n	0.200		103	41-173			
Batch 2J17029 - EPA 5030B [P/T]								-		
Blank (2J17029-BLK1)				Prepared &	& Analyze	ed: 10/15/6)2			
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	0.0163		e	0.0200		81.5	64-145			
Surrogate: 4-Bromofluorobenzene	0.0208		#	0.0200		104	41-173			
LCS (2J17029-BS2)				Prepared:	10/15/02	Analyzed	: 10/16/02			
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	0.500	•	86.8	63-143			
Surrogate: a,a,a-Trifluorotoluene	0.0171		"	0.0200	***	85.5	64-145			•
Surrogate: 4-Bromofluorobenzene	0.0221		"	0.0200		110	41-173			
Matrix Spike (2J17029-MS1)	So	ource: MLI05	84-02	Prepared:	10/15/02	Analyzed	: 10/16/02			
Gasoline Range Organics (C6-C10)	ND	2.0	mg/kg	1.10	ND	57.8	63-143			QM-0
Surrogate: a,a,a-Trifluorotoluene	0.0188		"	0.0200		94.0	64-145			
Surrogate: 4-Bromofluorobenzene	0.0202		n	0.0200		101	41-173			



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

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 2J17029 - EPA 5030B [P/T] Matrix Spike Dup (2J17029-MSD1)	Sou	rce: MLI05	84-02	Prepared:	10/15/02	Analyzed	: 10/16/02	 -		
Gasoline Range Organics (C6-C10)	ND	2.0	mg/kg	1.10	ND	57.2	63-143	1.11	21	QM-07
Surrogate: a,a,a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene	0.0201 0.0222		n n	0.0200 0.0200		100 111	64-145 41-173			



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

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 2J12001 - EPA 5035								<u></u>		
Biank (2J12001-BLK1)				Prepared	& Analyze	ed: 10/12/	02			
Methyl tert-butyl ether	ND	0.50	ug/kg		 					
Surrogate: 1,2-Dichloroethane-d4	4.99		"	5.00		99.8	60-140			
LCS (2J12001-BS1)				Prepared	& Analyze	ed: 10/12/	02		·	
Methyl tert-butyl ether	12.5	0.50	ug/kg	10.0		125	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.98		n	5.00		99.6	60-140			
Matrix Spike (2J12001-MS1)	So	urce: MLJ03	36-05	Prepared	& Analyze	ed: 10/12/	02		·	
Methyl tert-butyl ether	56.0	2.3	ug/kg	45.9	ND	122	70-130			
Surrogate: 1,2-Dichloroethane-d4	5.09		H	5.00		102	60-140			
Matrix Spike Dup (2J12001-MSD1)	So	urce: MLJ03	36-05	Prepared	& Analyza	ed: 10/12/	02	- <u></u> -		
Methyl tert-butyl ether	55.9	2.3	ug/kg	45.9	ND	122	70-130	0.179	25	
Surrogate: 1,2-Dichloroethane-d4	5.18	· · · · · · ·	n	5.00		104	60-140			
Batch 2J12002 - EPA 5035										
Blank (2J12002-BLK1)				Prepared	& Analyze	ed: 10/12/	02			
Methyl tert-butyl ether	ND	0.50	ug/kg			··				O-09
Surrogate: 1,2-Dichloroethane-d4	5.33		"	5.00		107	60-140			
LCS (2J12002-BS1)				Prepared	& Analyz	ed: 10/12/	02			
Methyl tert-butyl ether	13.1	0.50	ug/kg	10.0		131	60-140			Q-09
Surrogate: 1,2-Dichloroethane-d4	5.13		n	5.00		103	60-140			
Matrix Spike (2J12002-MS1)	So	urce: MLJ01	39-26	Prepared:	10/12/02	Analyzed	: 10/14/02			
Methyl tert-butyl ether	80.0	2.4	ug/kg	48.5	22	120	70-130			
Surrogate: 1,2-Dichloroethane-d4	4.47		"	5.00	. –	89.4	60-140			



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

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

		44020								
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2J12002 - EPA 5035				<u>,</u>						
Matrix Spike Dup (2J12002-MSD1)	Sou	ırce: MLJ01	39-26	Prepared:	10/12/02	Analyzed	: 10/14/02			
Methyl tert-butyl ether	85.1	2.4	ug/kg	48.5	22	130	70-130	6.18	25	
Surrogate: 1,2-Dichloroethane-d4	4.40		17	5.00		88.0	60-140			
Batch 2J15012 - EPA 5035						·				
Blank (2J15012-BLK1)				Prepared &	& Analyze	ed: 10/15/	02			
Methyl tert-butyl ether	ND	0.50	ug/kg							
Surrogate: 1,2-Dichloroethane-d4	4.39		ıı	5.00		87.8	60-140		-	
LCS (2J15012-BS1)				Prepared &	& Analyze	ed: 10/15/	02		· · · · · · · · · · · · · · · · · · ·	
Methyl tert-butyl ether	11.1	0.50	ug/kg	10.0		111	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.49		"	5.00		89.8	60-140			
Matrix Spike (2J15012-MS1)	Sou	ırce: MLJ04	14-01	Prepared &	& Analyze	ed: 10/15/	02			
Methyl tert-butyl ether	49.4	2.0	ug/kg	41.0	ND	120	70-130			
Surrogate: 1,2-Dichloroethane-d4	4.73		"	5.00		94.6	60-140			
Matrix Spike Dup (2J15012-MSD1)	Sou	ırce: MLJ04	14-01	Prepared a	& Analyze	ed: 10/15/	02			
Methyl tert-butyl ether	50.0	2.1	ug/kg	42.7	ND	117	70-130	1.21	25	
Surrogate: 1,2-Dichloroethane-d4	4.78		"	5.00		95.6	60-140			
Batch 2J17019 - EPA 5030B MeOH				_					 	
Blank (2J17019-BLK1)				Prepared:	10/16/02	Analyzed	: 10/19/02			
Methyl tert-butyl ether	ND	0.025	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.00479		n	0.00500		95.8	60-140			



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

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 2J17019 - EPA 5030B MeOH									*****	
LCS (2J17019-BS1)				Prepared:	10/16/02	Analyzed	: 10/19/02			
Methyl tert-butyl ether	0.729	0.025	mg/kg	1.00		72.9	60-140			
Surrogate: 1,2-Dichloroethane-d4	0.00446	-	H	0.00500		89.2	60-140			
LCS Dup (2J17019-BSD1)				Prepared:	10/16/02	Analyzed	: 10/19/02			
Methyl tert-butyl ether	0.770	0.025	mg/kg	1.00		77.0	60-140	5.47	11	
Surrogate: 1,2-Dichloroethane-d4	0.00462		11	0.00500		92.4	60-140			



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson

Reported: 10/23/02 13:55

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2J17019 - EPA 5030B MeOH					····					
Blank (2J17019-BLK1)			_	Prepared:	10/16/02	Analyzed	: 10/19/02			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	Ħ							
Ethylbenzene	ND	0.050	ŧr							
Total Xylenes	ND	0.050	4						****	
Surrogate: 1,2-Dichloroethane-d4	0.00479			0.00500		95.8	60-140			
LCS (2J17019-BS1)				Prepared:	10/16/02	Analyzed	: 10/19/02			
Benzene	1.31	0.050	mg/kg	1.25		105	60-140			
Toluene	1.42	0.050	11	1.25		114	60-140			
Surrogate: 1,2-Dichloroethane-d4	0.00446		£1	0.00500		89.2	60-140			
LCS Dup (2J17019-BSD1)				Prepared:	10/16/02	Analyzed	: 10/19/02			
Benzene	1.00	0.050	mg/kg	1.25		80.0	60-140	26.8	25	QR-02
Toluene	0.852	0.050	11	1.25		68.2	60-140	50.0	25	QR-02
Surrogate: 1,2-Dichloroethane-d4	0.00462		er er	0.00500		92.4	60-140			

URS Corporation 500 12th Street, Suite 100

Oakland CA, 94607

Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson Reported: 10/23/02 13:55

nounds by EDA Mothod 9260B Quality Control

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

l		Reporting		Spike	Source	a	%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2J12001 - EPA 5035										
Blank (2J12001-BLK1)				Prepared a	& Analyze	d: 10/12/0)2			
Benzene	ND	0,50	ug/kg							
Ethylbenzene	ND	0.50	11							
Toluene	ND	0.50	et							
Total Xylenes	ND	0.50	11			V				O-1
Surrogate: Dibromofluoromethane	5.23		13	5.00		105	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.99		#	5.00		99.8	60-140			
Surrogate: Toluene-d8	4.27		Ħ	5.00		85.4	60-140			
Surrogate: 4-Bromofluorobenzene	5.20		Ħ	5.00		104	60-140			
LCS (2J12001-BS1)				Prepared a	& Analyze	d: 10/12/0)2			<u> </u>
Benzene	10.6	0.50	ug/kg	10.0	<u> </u>	106	60-140			_ ·-
Toluene	9.90	0.50	ji	10.0		99.0	60-140			
Surrogate: Dibromofluoromethane	5.27		n	5.00		105	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.98		"	5.00		99.6	60-140			
Surrogate: Toluene-d8	4.35		#	5.00		87.0	60-140			
Surrogate: 4-Bromofluorobenzene	5.28		p	5.00		106	60-140			
Matrix Spike (2J12001-MS1)	So	urce: MLJ03	36-05	Prepared of	& Analyze	d: 10/12/0)2	<u> </u>		
Benzene	47.9	2.3	ug/kg	45.9	ND	104	60-140			
Toluene	45.2	2.3	ff	45.9	ND	98.5	60-140			
Surrogate: Dibromofluoromethane	5.56		"	5.00		111	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.09		n	5.00		102	60-140			
Surrogate: Toluene-d8	4.67		"	5.00		93.4	60-140			
Surrogate: 4-Bromofluorobenzene	5.44		"	5.00		109	60-140			
Matrix Spike Dup (2J12001-MSD1)	So	urce: MLJ03	36-05	Prepared &	& Analyze	d: 10/12/0)2			
Benzene	45.8	2.3	ug/kg	45.9	ND	99.8	60-140	4.48	25	
Toluene	41.2	2.3	"	45.9	ND	89.8	60-140	9.26	25	
Surrogate: Dibromofluoromethane	5.28		tt	5.00		106	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.18		n	5.00		104	60-140			
Surrogate: Toluene-d8	4.44		**	5.00		88.8	60-140			
Surrogate: 4-Bromosluorobenzene	5.23		"	5.00		105	60-140			

URS Corporation

500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA

Reported: 10/23/02 13:55

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

	•	Reporting	**-1.	Spike	Source	0/DEC	%REC	nnn	RPD	3.7.
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2J12002 - EPA 5035									····	<u>.</u> .
Biank (2J12002-BLK1)				Prepared	& Analyze	d: 10/12/0	02			
Benzene	ND	0.50	ug/kg							
Ethylbenzene	ND	0.50	н							
Toluene	ND	0.50	n							
Total Xylenes	ND	0.50								
Surrogate: Dibromofluoromethane	5.12	· · · · · ·	"	5.00		102	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.33		R	5.00		107	60-140			
Surrogate: Toluene-d8	4.26		Ħ	5.00		85.2	60-140			
Surrogate: 4-Bromofluorobenzene	5.15		"	5.00		103	60-140			
LCS (2J12002-BS1)				Prepared	& Analyze	d: 10/12/0)2			
Benzene	10.5	0.50	ug/kg	10.0		105	60-140			
Toluene	9.39	0.50	11	10.0		93.9	60-140			
Surrogate: Dibromofluoromethane	5.34		"	5.00		107	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.13		#	5.00		103	60-140			
Surrogate: Toluene-d8	4.34		#	5.00		86.8	60-140			
Surrogate: 4-Bromofluorobenzene	5.58		n	5.00		112	60-140			
Matrix Spike (2J12002-MS1)	So	urce: MLJ01	39-26	Prepared:	10/12/02	Analyzed	: 10/14/02			
Benzene	42.0	2.4	ug/kg	48.5	ND	85.5	60-140			
Toluene	33.2	2.4	U	48.5	ND	68.5	60-140			
Surrogate: Dibromofluoromethane	5.05		#	5.00		101	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.47		"	5.00		89.4	60-140			
Surrogate: Toluene-d8	4.60		#	5.00		92.0	60-140			
Surrogate: 4-Bromofluorobenzene	4.99		n	5.00		99.8	60-140			
Matrix Spike Dup (2J12002-MSD1)	So	urce: MLJ01	39-26	Prepared:	10/12/02	Analyzed	: 10/14/02			
Benzene	34.6	2.4	ug/kg	48.5	ND	70.2	60-140	19.3	25	
Toluene	28.5	2.4	11	48.5	ND	58.8	60-140	15.2	25	QM-0
Surrogate: Dibromofluoromethane	4.92		11	5.00		98.4	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.40		#	5.00		88.0	60-140			
Surrogate: Toluene-d8	4.36		"	5.00		87.2	60-140			
Surrogate: 4-Bromofluorobenzene	4.61		#	5.00		92.2	60-140			



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Project Manager: Scott Robinson

Reported: 10/23/02 13:55

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 2J15012 - EPA 5035				<u> </u>						
Blank (2J15012-BLK1)				Prepared	& Analyze	ed: 10/15/0)2			
Benzene	ND	0.50	ug/kg							
Ethylbenzene	ND	0.50	15							
Toluene	ND	0.50	"							
Total Xylenes	ND	0.50	It .							
Surrogate: Dibromofluoromethane	4.65		"	5.00		93.0	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.39		#	5.00		<i>87.8</i>	60-140			
Surrogate: Toluene-d8	4.18		#	5.00		83.6	60-140			
Surrogate: 4-Bromofluorobenzene	5.07		#	5.00		101	60-140			
LCS (2J15012-BS1)				Prepared	& Analyze	ed: 10/15/0)2			
Benzene	10.4	0.50	ug/kg	10.0		104	60-140			
Toluene	10.2	0.50	H	10.0		102	60-140			
Surrogate: Dibromofluoromethane	4.69		"	5.00		93.8	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.49		tt	5.00		89.8	60-140			
Surrogate: Toluene-d8	4.31		Ħ	5.00		86.2	60-140			
Surrogate: 4-Bromofluorobenzene	5.19		#	5.00		104	60-140			
Matrix Spike (2J15012-MS1)	So	urce: MLJ04	14-01	Prepared a	& Analyze	ed: 10/15/0)2			
Benzene	41.4	2.0	ug/kg	41.0	ND	101	60-140			
Toluene	40.0	2.0	n 	41.0	ND	97.6	60-140			
Surrogate: Dibromofluoromethane	4.99		n	5.00		99.8	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.73		#	5.00		94.6	60-140			
Surrogate: Toluene-d8	4.43		#	5.00		88.6	60-140			
Surrogate: 4-Bromofluorobenzene	4.88		"	5.00		97.6	60-140			
Matrix Spike Dup (2J15012-MSD1)	So	urce: MLJ04	14-01	Prepared	& Analyze	ed: 10/15/0)2			
Benzene	40.5	2.1	ug/kg	42.7	ND	94.8	60-140	2.20	25	
Toluene	38.8	2.1	11	42.7	ND	90.9	60-140	3.05	25	
Surrogate: Dibromofluoromethane	5.08		t	5.00		102	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.78		"	5.00		95.6	60-140			
Surrogate: Toluene-d8	4.59		"	5.00		91.8	60-140			
Surrogate: 4-Bromofluorobenzene	4.97		Ħ	5.00		99.4	60-140			



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Project Manager: Scott Robinson

Reported: 10/23/02 13:55

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.
HC-21	Chromatogram Pattern: Gasoline C6-C10
HT-04	This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
O-09	The result was reported with a possible high bias due to the continuing calibration verification falling outside acceptance criteria.
O-09a	The quality control results were outside the control limits, however the sample was not re-extracted due to hold time constraints. This should be considered in evaluating the results for their intended purpose.
O-10	The result was reported with a possible low bias due to the continuing calibration verification falling outside the acceptance criteria.
QM-07	The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-02	The RPD result exceeded the control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis

Relative Percent Difference

RPD

/ageot	3_
--------	----



Project Name Business Unit

Chain of Custody Record
Station 4931-731 West Macarthur Blvd. Oakland, CA 94609

BP West Coast Products LLC

BP Laboratory Contract Number: Requested Due Date:

4006211

(mm/dd/vy + 2 weeks from sampling date)

							-	 _
On-site	Time	1500	•	Temp;	8	,,		
Off- site	Timo;	1800		Топр:	80	0		
Sky Con		_ • • • • • • • • • • • • • • • • • • •	Lect					
Moteoro	logical I	yours:	عدن بر	هــــ				
Winc Sp	ccc	3		Direction	201	N		

end To				PP/G			y No.: Station 4931									_		T. T.	Cons	ultost	: LIR	S Oal	cland						
	: Soquoia Analyi	Neo1					v Address; 731 West M	RCAT	hne	Blvd.	Onk	inexi.	CA 946	209	-			_	_	C:31				Stre	et 🕏	200			
	sa: 885 Jarvis D						ntion 4931	~	-							_		—[i						CA S					
7007 7 1000		HIL CA 95037		_			l ID#:									J			e-1128	i ED							.com		
	112017						ontect: Paul Supple		_							_	-	_	e-mail EDD; Henry Barriontos@URSCorp.com Consultant Project No.: 38485938										
ak PM-	Latenya Pelt						ox 6549, Morega, CA 9	457	,							,										08.297	7.6962		
	408-732-8154/4	08-782-5368					99-8891/925-299-8872		_				**					_						SORON.					
	pe & QC Level	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN					30 Hada 222 days		_															Prod	_~				-
	Account No.:	214121141														-			_			k Rek							
	e Order No;	· · · · · ·		ļ;	VEstr	X.				P	reser	vativ	25	1						ed A				******	Т.				
Item No.	Field Point ID	Sample ID	Timo	Soil/Solid	Water/Liquid	Air	Laboratory No.	No. of contamors	Unpreserved	II,8O4	HNOs	1101			Tr.H-g(suls)	BTEX (\$260)	MT13E (8260)								Ş	ample		:Lat/Lon ments	g sæd
1	33 4 2/	SI	3:35	N			Q)	1	X						X	Х	X												
2	/	L1	3:38	Х			02	1	Х					ho	\mathbf{I}														
3	2000	\$2	3:4/	Х	\top		£g	1	X	1					71														
4		\$ 5	3,45	X			04	1	ĺχ					$\supset \Gamma$	Ţ														**
S	v	142	3:47				05	7	Ŋ					7	П													وبدأوخرهم	
6	1	56	3:51	X			C L	ĭ	X			Π		7															
7	-	14	3.52.	$ \chi $			רס	,	\ \	(╗	П							1		<u> </u>	$\exists L$				
."8		157	3.56	-			30	1	n	4																			
9 ·		25	3:57	Χ			04	1	7						Ţ.			4											
10	-	124-4	4:15	V			10	1	Įγ						X	X	χ												
Sample	r's Name: 📆	AA Trom	nell			Ra	linquished By/Affiliatio	n					Date		C Table		Acc	epted	By/	Aftin	stint)				Q	nte	Th		
Sample	rs Company. L					15	self to lower	4/					10/7/	2		_		7	un	ران		人				0/3/0	2	646)
		13/22									١	2.														, -			<u> </u>
	et Method: Hat											*																	
Shipme	nt Tracking No	ı;									¥.,	· ·		$\perp \Gamma$															
	Instructions:									Î,		,																	
									_		. 14.																		
Custors	Seals In Place	Yes No	x		-	iems	erature Blank Yes	N	0	X	.,3	Co	oler Te		crat	uxt (on R	occi	n i		T(C	:)	Tri	p Bia	ni. 3	es .	No	x	
ustody	/ Seals In Place	xes No	X		_	remp	erabite Brank Yes	<u> N</u>	<u> </u>	<u> </u>	45.	Co	DIGI. 16	NJ.	131	WC.	NET Y	OF C1	<u> </u>	<u> </u>	±15-	<u>/</u>	į, lī	/ Dik				2/5/02	

Page	3	٥ť	3



Project Name Business Unit Chain of Custody Record
Station 4931-731 West Macarthur Blvd, Oakland, CA 94609

BP West Coast Products LLC

BP Laboratory Contract Number:

400621124

Requested Due Date:

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

		<u> </u>
desits Times	Топър:	
Off- site Time:	Temp;	
ley Conditions:		
Actorological Events;		
Wind Specif;	Direction	

and To				BP/	GE)	150	ciiy	No.: Station 4931																uklene					
ab Nama	o: Soquola Analy	tīcal						Address: 731 West V	licar	hur	Βŀτι	۲ Ö	klanc	1, C	A 9460.	3				Add	l1013:				Stree				
ab Addr	esa: 885 Jurais L	วณ์งอ		Site	Œ	No.	Sta	tion 4931															Cal	dand.	CA S	9460	7	-	
	Morgan	Hill, CA 95097		Cal	form	in G	lobal	D#	ı																		SCom,e	ZIM)	
								ntuct; Paul Su pple																	848593				
	Latonya Pelt							ж 6549. Могада, СА:)										range (Carrier						_	08,297.	6962	
	408-782-8154/4			Tel	o/Faz	c 92	5-29	9-8891/925-299-8872																	binson				
	ypo & QC Lovol	Normal																							st Prod	ucts			
BPAGEM	Account No.:							·																leaso	No:				
Lab Bott	o Order No;			_	Ma	trix		-	1			Pres	ervat	ives						Reque	sted.	Analy	sis			╝			
Item No.	Field Point D	Sample ID	Time	Soil/Solid	WaterAirquid	Sediments	Air	Laboratory No.	No. sif containers	Unpreserved	11.50.	HNO.	KCI			TPIT-B(8015)	ISTEX (8260)	AFTIRH (RZ60)	formation.							S	_	Point I Comm	at/Long n gnås
1		258	4:20	X	\prod			11	1	X						X	χ		χĪ			T				\mathbb{T}	•		
2		126	4:26	1				īΖ	ī	ī	T			T		1	1	-	Ή							┰			
3		<u> 3 کامو</u>	4:30	ī	П			15	1	П	✝			1			П		Π					F			P*************************************		
4		1.3A	4:33		П			14	1	П	†	7					П	Ţ	Π			1	1	~					<u> </u>
5	,,	C4	4:35	H				4	1	H	+	7	1	T		T	П	1	П	\neg	1	1		1			,		
6	5,4	4.7	4:55		⇈		П	Ü	1	H		1	7	-				T	Π		十	1	1	\top		-			
7	44	48	5:00	Π	T			17	1:	П	†		_	7		П	П		П		┪	1		十	_	_		*****	
- 8		<u> </u>	5:10	Ħ	1	İ.	H	18	Ť	П	╁	-	_	7	7	\sqcap		\dagger	Ħ	1	十	十		1		7			
9			5:13	H	╁	┪	П	(9	١,	H	t	十	_	+	_	Ţ	١,	,	1		十	+	\top	+		╢			*.1-7-
10		3,	5:17	Ŕ		╫		20	1;	┪	1	+	1	┪		¥ Y	X	-	*+		$^{+}$	\top	+	十		╫			
	11	Ap Tom				<u> </u>	Rei	aguished By / Affiliation	ble L	1 7	<u> </u>			10	nte	Thr	_	_	_	ted By	/ AJYi	letice	<u> </u>			Ďn	nte	l'ime	
Sample	r's Company: U	JRS Oakland	<u>. — - 1</u>				7	II O Tunn	1.50/	1				1	0/36-			7		10	Lu	يرازر	سارير	U.	*		10/3/6	1 /	540
	nt Date:	10/3/02		•						-										- Harrison		7					7		
	nt Method: Ha		<u> </u>																		,								
	m Tracking No						ļ. —																					1	
Special	Instructions:					•	_															-							
					-																				,				
Custod	y Scals In Place	Yes No	Х			Te	шрс	rature Blank Yes	N	0	<u>x</u>		C	oolo	z Tem	pera	une	οn	Re	ceipt_		⁰ F/0	7	Τx	ip Bla		es_ P COC Y	No	



Project Name

Chain of Custody Record
Station 4931-731 West Macarthur Blvd. Oakland, CA 94609

BP West Coast Products LLC

BP Laboratory Contract Number:

Business Unit

4006211

Requested Due Date: (mm/dd/yy - 2 wooks from sempling date)

On-sate	fime:	Тешр:	
Off-site	Time:	Temp;	
Sky Con	ditions;		
Meteoro	logical Eventa:		
Wied Sp	cod:	Direction:	

Send To:	:		1	BP/C	EM F	20110	y No.: Station 4951											Const	ltant:									_
Lab Name	Seguoia Analy	tical		BP/C	KM F	acilit	y Address: 731 West M	iscari	'aur I	31v4.	Oak	land, (አ 9460	9				Addro	2KB					t #201	5			┛
Lab Addr	ess: 885 Jarvia D	ส์ง¢		Sile	DУ	. St	ation 4931																A 9					┚
	Morgan	Hill, CA 95037		Cadif	coma (Ilona	110#:																	URSC	4p,00	m		╝
				BP/C	BEM F	MC	ontact: Paul Supple																185938					
Lob PM:	Latonya Pelt			Add	1635; P	O. B	lox 6549, Moraga, CA (74570)															35/408.	297.6 .	∂ 62		┸
Tele For:	408-782-8154/4	08-752-6308		Tale	Pax: 9	25-2	99-8891/925-299-8872															r Kobi						_
Report Ty	po & QC Lovel:	Normal																					Produ	F3				_
BIYGEM	Account No.:											****					Į.	BP/G	EW٦	Vork	Rel	are N	0 :					_
Jab Bold	e Order No:				Matri	X				Pr	G2CI	vativo	5				Rei	Most	хLАı	nive	ž5			1				- 1
Item No.	Pield Point ID	Sample ID	Time	Soil/Solid	Water/Liquid	Air	Luboratory No. MLJO139	No. of containers	Unpreserved	H,SO,	fonti	HCI		(2108)3-HAT	DTEX (\$260)	MTGB (8260)					•		,	Sam	•	int L±	VLong an	ы
.1	5/1/4		<i>54</i>	X			21	L	X					X	Х	X				_				<u>L</u>			<u>:</u>	
2	مسن	410	<:23	X			22	1														<u> </u>	<u> </u>	<u> </u>				
3		5 /0	5:25				25															<u> </u>						
4	**	Z 9	\$:30	X			24	. 1																				
5	140	59	5:32	'n			5ľ.	11	П					1	1	K						Τ						
6	•	4/3	5:35	Υ		Т	20	i	×					'χ	X	X						Τ						
7						T		П	Г		Π																	_,,,
8						1		abla	$\ -$																			
9						Т			┰			П				П						Ī						
10						1				П		\prod										\top						
Sample	's Name: 7	ODD Tour	ا ما بسوروه			Re	Enquished By / Affiliatio	1					Date	Tim	0	Acc	epted	By/						Date		Timo		
	rs Company: U	RS Oakland	-			Ŀ	Takel 1 Ta	3 <i>.</i>	***	Z			10/2/1					4	يرين	160	مربري	1/		(0)	3/22	164	40	
Shipme		1/3/02-				1								<u></u>		<u> </u>			/					<u>↓</u>		<u> </u>		
	nt Method; Hai					1										J						,		↓				
	nt Tracking No	.												1		Ì								1		<u> </u>		
Special 1	Ínstractions:																											
L					- · · · · ·																							
Custody	Scals In Place	Yes_No	х		1	cap	erature Blank Yes_	N	00	<u> </u>		Coo	er Tem	pere	ture :	on R	cccij)t		F/C		Trip	Blan	k Yes_	7	No x		
1														_			_	V-10-										





21 October, 2002

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

RE: ARCO #4931, Oakland, Ca Sequoia Report: MLJ0172

Enclosed are the results of analyses for samples received by the laboratory on 10/04/02 19:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jatonya K. Pelt

Latonya Pelt Project Manager

CA ELAP Certificate #1210



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson Reported:

10/21/02 19:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Pile A	MLJ0172-01	Soil	10/04/02 10:00	10/04/02 19:15
Pile B	MLJ0172-02	Soil	10/04/02 10:02	10/04/02 19:15
Pile C	MLJ0172-03	Soil	10/04/02 10:05	10/04/02 19:15
Pile D	MLJ0172-04	Soil	10/04/02 10:07	10/04/02 19:15

Sequoia Analytical - Morgan Hill

Johnya K. Palt

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 #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson Reported: 10/21/02 19:43

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Pile A (MLJ0172-01) Soil Sampled	: 10/04/02 10:00	Received: 10	/04/02 19:1	5					
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J18004	10/18/02	10/18/02	8015Bm	
Surrogate: a.a.a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene		118 % 118 %	64-14 41-17	-	"	u	"	"	
Pile B (MLJ0172-02) Soil Sampled	: 10/04/02 10:02	Received: 10	/04/02 19:1	<u>5</u>					
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J18004	10/18/02	10/18/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene		100 % 101 %	64-14 41-17		tt	"	H H	<i>n</i>	
Pile C (MLJ0172-03) Soil Sampled	: 10/04/02 10:05	Received: 10	/04/02 19:1	5					····
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J18004	10/18/02	10/18/02	8015Bm	
Surrogate: a,a,a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene		107 % 95.0 %	64-14 41-17	-	"	"	# #	n	
Pile D (MLJ0172-04) Soil Sampled	: 10/04/02 10:07	Received: 10	/04/02 19:1	5					
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1	2J18004	10/18/02	. 10/18/02	8015Bm	
Surrogate: a.a.a-Trifluorotoluene Surrogate: 4-Bromofluorobenzene		90.5 % 110 %	64-14 41-17		"	"	"	n n	



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/21/02 19:43

Motor Oil Hydrocarbons (C16-36) by 8015B modified Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Pile A (MLJ0172-01) Soil	Sampled: 10/04/02 10:00	Received: 10	/04/02 19:1	5					
Motor Oil (C16-C36)	23_	10	mg/kg	1	2J07031	10/07/02	10/09/02	8015Bm	HC-12
Surrogate: n-Octacosane		122 %	0-37.	3	#	"	"	"	
Pile B (MLJ0172-02) Soil	Sampled: 10/04/02 10:02	Received: 10	/04/02 19:1	5					
Motor Oil (C16-C36)	ND	10	mg/kg	1	2J07031	10/07/02	10/08/02	8015Bm	
Surrogate: n-Octacosane		94.6 %	0-37.	3	"	"	"	"	
Pile C (MLJ0172-03) Soil	Sampled: 10/04/02 10:05	Received: 10	/04/02 19:1	5					
Motor Oil (C16-C36)	74	40	mg/kg	4	2J07031	10/07/02	10/08/02	8015Bm	HC-12
Surrogate: n-Octacosane		179 %	0-37.	3	"	"	"	"	
Pile D (MLJ0172-04) Soil	Sampled: 10/04/02 10:07	Received: 10	/04/02 19:1	5	_				
Motor Oil (C16-C36)	38	10	mg/kg	1	2J07031	10/07/02	10/08/02	8015Bm	HC-12
Surrogate: n-Octacosane		137 %	0-37.	3	п	n	"	er e	



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Project Manager: Scott Robinson

Reported: 10/21/02 19:43

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Pile A (MLJ0172-01) Soil	Sampled: 10/04/02 10:00	Received: 10	/04/02_19:	:15					
Mercury	0.044	0.0050	mg/kg	1	2J09021	10/09/02	10/09/02	EPA 7471A	
Antimony	ND	5.0	**	ti	2J09013	10/09/02	10/09/02	EPA 6010B	
Arsenic	7.1	5.0	U	n	n	1F	10/09/02	H	
Barium	280	5.0	n	11	II	11	10/09/02	44	
Beryllium	0.40	0.10	n)†	11	11	10	n	
Cadmium	ND	0.20	IJ	**	11	II.	11	tr	
Chromium	43	5.0	19	"	**	tr	"	II	
Cobalt	13	0.50	11	ŧŧ	ti	11	н	U	
Copper	14	4.0	16	11	tt	Ħ	п	11	
Lead	8.7	5.0	11	II	Ħ	H	И	11	
Molybdenum	ND	1.0	\$F	II	Ħ	If	"	•	
Nickel	. 40	5.0	tr	IJ	n	n	19	H	
Selenium	ND	5.0	"	D	IJ	U	17	н	
Silver	ND	0.10	н	41	11	1)	Ħ	и	
Thallium	ND	5.0	n	n	n	n	n	n	
Vanadium	33	5.0	н	**	"		н	11	
Zinc	37	5.0	n n	Ħ	11	tr	н	11	
Pile B (MLJ0172-02) Soil	Sampled: 10/04/02 10:02	Received: 10	/04/02 19:	:15					
Mercury	0.046	0.0050	mg/kg	1	2J09021	10/09/02	10/09/02	EPA 7471A	
Antimony	ND	5.0	u	tř	2J09013	10/09/02	10/09/02	EPA 6010B	
Arsenic	6.5	5.0	19	II	(*	Ð	H	11	
Barium	160	5.0	**	н	И	et .	II.	14	
Beryllium	0.51	0.10	#1	19	It	"	0	18	
Cadmium	0.26	0.20	er	11	11	**	H	11	
Chromium	33	5.0	Ħ	17	n	n	n	n	
Cobalt	7.3	0.50	11	**	**	R	11	н	
Copper	24	4.0	II		Ħ	11	**	н	
Lead	7.2	5.0	H	tř	H	n	II	18	
Molybdenum	ND	1.0	14	u	н	11	н	11	
Nickel	58	5.0	19	ti	n	14	н	tt	
Selenium	ND	5.0	11	n	D	17	12	II	
Silver	ND	0.10	17	D	"	**	19	D	
Thallium	ND	5.0	Ħ	0	u	tf	78	13	
Vanadium	33	5.0	17	0	tr	Ħ	Ħ	11	
Zinc	60	5.0	п	•	tt	н	IF	11	

URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson Reported: 10/21/02 19:43

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Pile C (MLJ0172-03) Soil	Sampled: 10/04/02 10:05	Received: 10	/04/02 19	:15					
Mercury	0.020	0.0050	mg/kg	1	2J09021	10/09/02	10/09/02	EPA 7471A	
Antimony	ND	5.0	п	**	2J09013	10/09/02	10/09/02	EPA 6010B	
Arsenic	5.4	5.0	IJ	n	ŧI	II	19	11	
Barium	92	5.0	49	n	ti	н	Ħ	er e	
Beryllium	0.20	0.10	•	10	n	n	*1	*1*	
Cadmium	ND	0.20	"	II	U	18	F)	ti	
Chromium	27	5.0	н	17		9	tt	U	
Cobalt	5.3	0.50	n	tf	"	Ħ	17	44	
Copper	9.2	4.0	н	н	N	II	0	31	
Lead	ND	5.0	4	н	н	И	"	n	
Molybdenum	ND	1.0	**	11	Н	14	Ħ	Û	
Nickel	25	5.0	**)+	11	**	n	II	
Selenium	ND	5.0	Ħ	**	10	"	ı	11	
Silver	ND	0.10	n .	Ħ	**	n	4f	11	
Thallium	ND	5.0	H	II	H	H	ti	"	
Vanadium	29	5.0	u	11	n	11	u	n	
Zinc	37	5.0	Iŧ	11	10)†	n	u	
Pile D (MLJ0172-04) Soil	Sampled: 10/04/02 10:07	Received: 10	<u>/04/02 19</u>	:15					
Mercury	0.042	0.0050	mg/kg	1	2J09021	10/09/02	10/09/02	EPA 7471A	
Antimony	ND	5.0	17	н	2J09013	10/09/02	10/09/02	EPA 6010B	
Arsenic	ND	5.0	н	H	n	H	t!	IF	
Barlum	440	5.0	И	11	H	p	H	IJ	
Beryllium	0.36	0.10	11	17	11	**	P	11	
Cadmium	0.20	0.20	48	**	**	n	#	**	
Chromium	43	5.0	**	n	п	IF	Ð	u	
Cobalt	6.2	0.50	н	H	ti	II	н	n	
Copper	14	4.0	И	II	n	*)+	U	
Lead	12	5.0	И	Н	17	11	#	11	
Molybdenum	ND	1.0	10	1)	11	H	tt	H	
Nickel	32	5.0	**	**	†í	u	IJ	п	
Selenium	ND	5.0	Ħ	н	ři ,	H	D	n	
Silver	ND	0.10	II	II .	11	P	11	IP.	
Thallium	ND	5.0	н	.0	11	Ħ	ห	H	
Vanadium	41	5.0	n	**	**	H	Ħ	er .	
Zinc	42	5.0	17	**	er	ŧI	II	11	



URS Corporation

500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson

Reported: 10/21/02 19:43

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Pile A (MLJ0172-01) Soil	Sampled: 10/04/02 10:00	Received: 10	<u>/04/02 19:</u>	15					
Веплепе	ND	2.5	ug/kg	5	2J08008	10/07/02	10/08/02	EPA 8260B	
Ethylbenzene	ND	2.5	II.	11	11	**	13	tt.	
Toluene	ND	2.5	И	17	11	11	"	н	
Total Xylenes	ND	2.5	11	"	#	tt	H	11	
Surrogate: Dibromofluorome	ethane	114 %	60-1	140	"	"	"	"	
Surrogate: 1,2-Dichloroethan		114 %	60-1	140	"	,,	"	n	
Surrogate: Toluene-d8		92.8 %	60-1	40	tt	"	rt .	"	
Surrogate: 4-Bromofluorobe	nzene	100 %	60-1	140	"	"	"	"	
Pile B (MLJ0172-02) Soil	Sampled: 10/04/02 10:02	Received: 10	/04/02 19:	15					
Benzene	ND	2.5	ug/kg	5	2J08008	10/07/02	10/08/02	EPA 8260B	
Ethylbenzene	ND	2.5	"	н	ıl	H	n	n	
Toluene	ND	2.5	u	u	đ	**	tt	*	
Total Xylenes	ND	2.5	n _	1)	11 -	ŧŧ	н	11	
Surrogate: Dibromofluorome	ethane	112 %	60-	140	n	"	#	"	
Surrogate: 1,2-Dichloroetha		112%	60-1	140	Ħ	t#	"	"	
Surrogate: Toluene-d8		90.8 %	60-1	140	tt	#	"	"	
Surrogate: 4-Bromofluorobe	nzene	90.0 %	60-	140	"	"	"	"	
Pile C (MLJ0172-03) Soil	Sampled: 10/04/02 10:05	Received: 10	/04/02 19:	:15					
Benzene	ND	2.5	ug/kg	5	2J08008	10/07/02	10/08/02	EPA 8260B	
Ethylbenzene	ND	2.5	H		ŧI	IJ	9	**	
Toluene	ND	2.5	17	tr	II.	11	н	n	
Total Xylenes	ND	2.5	18	п	18	11	II	10	
Surrogate: Dibromofluorom	ethane	107 %	60-	140	n	"	"	"	
Surrogate: 1,2-Dichloroetha		111 %	60-	140	n	#	,,	,,	
Surrogate: Toluene-d8		84.4 %	60-	140	#	#	n	n	
Surrogate: 4-Bromofluorobe	nzene	89.4 %	60-	140	"	#	"	"	



URS Corporation 500 12th Street, Suite 100

Oakland CA, 94607

Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Project Manager: Scott Robinson

Reported: 10/21/02 19:43

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Pile D (MLJ0172-04) Soil San	pled: 10/04/02 10:07	Received: 10	<u>/04/02 19:1</u>	5					
Benzene	ND	2.5	ug/kg	5	2J08008	10/07/02	10/08/02	EPA 8260B	
Ethylbenzene	ND	2.5	H	n		н	n	11	
Toluene	ND	2.5	II	n		16	n	**	
Total Xylenes	ND	2.5	11	11	e e		U .	11	
Surrogate: Dibromofluoromethan	e	108 %	60-14	0	n	"	"	#	
Surrogate: 1,2-Dichloroethane-d4		107 %	60-14	10	n	"	"	"	
Surrogate: Toluene-d8		92.0 %	60-14	10	"	"	"	#	
Surrogate: 4-Bromofluorobenzene	?	101 %	60-14	0	"	**	"	"	



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson

Reported: 10/21/02 19:43

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 2J18004 - EPA 5030B [P/T]										
Blank (2J18004-BLK1)			*********	Prepared &	& Analyze	ed: 10/18/0)2			
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	0.0192		a	0.0200		96.0	64-145			
Surrogate: 4-Bromofluorobenzene	0.0155	•	"	0.0200		77.5	41-173			
LCS (2J18004-BS2)				Prepared &	& Analyze	ed: 10/18/0)2	<u></u>		
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	0.500		87.0	63-143			
Surrogate: a,a,a-Trifluorotoluene	0.0263		11	0.0200		132	64-145			
Surrogate: 4-Bromofluorobenzene	0.0191		"	0.0200		95.5	41-173			
Matrix Spike (2J18004-MS1)	So	urce: MLJ02	208-01	Prepared &	& Analyze	ed: 10/18/0)2			
Gasoline Range Organics (C6-C10)	0.912	0.50	mg/kg	1.10	ND	82.9	63-143			
Surrogate: a,a,a-Trifluorotoluene	0.0268		"	0.0200		134	64-145			
Surrogate: 4-Bromofluorobenzene	0.00		"	0.0200			41-173			QM-0
Matrix Spike Dup (2J18004-MSD1)	So	ource: MLJ02	208-01	Prepared:	10/18/02	Analyzed	: 10/19/02			
Gasoline Range Organics (C6-C10)	ND	0.50	mg/kg	1.10	ND	41.5	63-143	66.5	21	QM-0
Surrogate: a,a,a-Trifluorotoluene	0.0183			0.0200		91.5	64-145			QM-0
Surrogate: 4-Bromofluorobenzene	0.00		"	0.0200			41-173			QM-0



URS Corporation

Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson

Reported: 10/21/02 19:43

500 12th Street, Suite 100 Oakland CA, 94607

Motor Oil Hydrocarbons (C16-36) by 8015B modified - Quality Control Sequoia Analytical - Morgan Hill

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2J07031 - EPA 3550B										
Blank (2J07031-BLK1)				Prepared:	10/07/02	Analyzed	: 10/09/02			
Diesel Range Organics (C10-C28)	ND	1.0	mg/kg							
Motor Oil (C16-C36)	ND	10	11							
Surrogate: n-Octacosane	1.51		"	1.67		90.4	0-373			
LCS (2J07031-BS1)				Prepared:	10/07/02	Analyzed	: 10/09/02			
Diesel Range Organics (C10-C28)	18.8	1.0	mg/kg	16.7		113	56-131			
Surrogate: n-Octacosane	1.70		"	1.67		102	0-373			
LCS Dup (2J07031-BSD1)				Prepared:	10/07/02	Analyzed	: 10/09/02			
Diesel Range Organics (C10-C28)	19.3	1.0	mg/kg	16.7		116	56-131	2.62	33	
Surrogate: n-Octacosane	1.64		11	1.67		98.2	0-373			

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 #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA

Project Manager: Scott Robinson

Reported: 10/21/02 19:43

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 2J09013 - EPA 3050B										
Blank (2J09013-BLK1)			<u></u>	Prepared	& Analyze	d: 10/09/0)2	• " •		
Antimony	ND	5.0	mg/kg							
Arsenic	ND	5.0	11							
Barium	ND	5.0	tt							
Beryllium	ND	0.10	fr							
Cadmium	ND	0.20	0							
Chromium	ND	5.0	Н							
Cobalt	ND	0.50	19							
Copper	ND	4.0	19							
Lead	ND	5.0	ŧŧ							
Molybdenum	ND	1.0	*1							
Nickel	ND	5.0	ŧI							
Selenium	ND	5.0	0							
Silver	ND	0.10	e							
T hallium	ND	5.0	13							
Vanadium	ND	5.0	10							
Zinc	ND	5.0	11							
LCS (2J09013-BS1)				Prepared o	& Analyze	d: 10/09/0				
Antimony	47.0	5.0	mg/kg	50.0		94.0	80-120			
Arsenic	49.2	5.0	u	50.0		98.4	80-120			
Barium	49.4	5.0	н	50.0		98.8	80-120			
Beryllium	50.4	0.10	11	50.0		101	80-120			
Cadmium	49.4	0.20	19	50.0		98.8	80-120			
Chromium	49.7	5.0	11	50.0		99.4	80-120			
Cobalt	50.2	0.50	**	50.0		100	80-120			
Copper	49.7	4.0	H	50.0		99.4	80-120			
Lead	50.8	5.0	11	50.0		102	80-120			
Molybdenum	50.2	1.0	n	50.0		100	80-120			
Nickel	49.9	5.0	la I	50.0		99.8	80-120			
Selenium	51.0	5.0	19	50.0		102	80-120			
Silver	49.9	0.10	11	50.0		99.8	80-120			
[hallium	49.5	5.0	я	50.0		99.0	80-120			
Vanadium	49.9	5.0	ti	50.0		99.8	80-120			
Zinc	50.7	5.0	п	50.0		101	80-120			

URS Corporation

500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson Reported: 10/21/02 19:43

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 2J09013 - EPA 3050B										
Matrix Spike (2J09013-MS1)	So	urce: MLJ01	172-01	Prepared	& Analyze		·			
Antimony	19.7	5.0	mg/kg	50.0	ND	39.4	80-120			QM-0
Arsenic	50.4	5.0	41	50.0	7.1	86.6	80-120			
Barium	217	5.0	11	50.0	280	-126	80-120			QM-0
Beryllium	46.8	0.10	11	50.0	0.40	92.8	80-120			
Cadmium	44.4	0.20	41	50.0	ND	88.5	80-120			
Chromium	90.3	5.0	**	50.0	43	94.6	80-120			
Cobalt	55.6	0.50	**	50.0	13	85.2	80-120			
Copper	59.3	4.0	ŧr	50.0	14	90.6	80-120			
Lead	52.0	5.0	Ħ	50.0	8.7	86.6	80-120			
Molybdenum	41.6	1.0	H	50.0	ND	83.2	80-120			
- Nickel	81.7	5.0	lf .	50.0	40	83.4	80-120			
Selenium	43.7	5.0	IF	50.0	ND	87.4	80-120			
Silver	44.2	0.10	11	50.0	ND	88.4	80-120			
Thallium	45.3	5.0	O	50.0	ND	90.6	80-120			
Vanadium	81.6	5.0	ш	50.0	33	97.2	80-120			
Zinc	81.6	5.0	Jt.	50.0	37	89.2	80-120			
Matrix Spike Dup (2J09013-MSD1)	So	urce: MLJ01	72-01	Prepared a	& Analyze	d: 10/09/0)2			
Antimony	18.4	5.0	mg/kg	50.0	ND	36.8	80-120	6.82	20	QM-07
Arsenic	50.2	5.0	11	50.0	7.1	86.2	80-120	0.398	20	
Barium	200	5.0	16	50.0	280	-160	80-120	8.15	20	QM-07
Beryllium	47.9	0.10	16	50.0	0.40	95.0	80-120	2.32	20	
Cadmium	45.3	0.20	10	50.0	ND	90.3	80-120	2.01	20	
Chromium	94.3	5.0	†#	50.0	43	103	80-120	4.33	20	
Cobalt	57.8	0.50	**	50.0	13	89.6	80-120	3.88	20	
Copper	62.2	4.0	(1)	50.0	14	96.4	80-120	4.77	20	
Lead	54.2	5.0	ti	50.0	8.7	91.0	80-120	4.14	20	
Molybdenum	41.9	1.0	U	50.0	ND	83.8	80-120	0.719	20	
Nickel	84.9	5.0	11	50.0	40	89.8	80-120	3.84	20	
Selenium	42.8	5.0	н	50.0	ND	85.6	80-120	2.08	20	
Silver	45.3	0.10	14	50.0	ND	90.6	80-120	2.46	20	
Thallium	44.9	5.0	19	50.0	ND	89.8	80-120	0.887	20	
Vanadium	86.5	5.0	11	50.0	33	107	80-120	5.83	20	
	~									



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/21/02 19:43

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 2J09021 - EPA 7471A		···								
Blank (2J09021-BLK1)				Prepared .	& Analyze	:d: 10/09/0)2			
Mercury	ND	0.0050	mg/kg							
LCS (2J09021-BS1)				Prepared	& Analyze	d: 10/09/0)2			
Mercury	0.599	0.0050	mg/kg	0.667		89.8	95-107			
Matrix Spike (2J09021-MS1)	So	urce: MLJ01	72-01	Prepared	& Analyze	d: 10/09/0)2			
Mercury	0.642	0.0050	mg/kg	0.667	0.044	89.7	95-105			
Matrix Spike Dup (2J09021-MSD1)	atrix Spike Dup (2J09021-MSD1) Source: MLJ0172-01				Prepared & Analyzed: 10/09/02					
Mercury	0.624	0.0050	mg/kg	0.667	0.044	87.0	95-105	2.84	20	

URS Corporation

500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca

Project Number: ARCO #4931, Oakland, CA Project Manager: Scott Robinson

Reported: 10/21/02 19:43

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

	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Kesuit	rimit	Omis	Level	Vesuit	70KEC	Lilling	KID	Limit	ivotes
Batch 2J08008 - EPA 5035										
Blank (2J08008-BLK1)				Prepared:	10/07/02	Analyzed	: 10/08/02			
Benzene	ND	2.5	ug/kg							
Ethylbenzene	ND	2.5	Ħ							
Toluene	ND	2.5	H							
Total Xylenes	ND	2.5	‡F							
Surrogate: Dibromofluoromethane	5.72		"	5.00		114	60-140			
Surrogate: 1,2-Dichloroethane-d4	5.69		n	5.00		114	60-140			
Surrogate: Toluene-d8	4.64		"	5.00		92.8	60-140			
Surrogate: 4-Bromofluorabenzene	5.00		"	5.00		100	60-140			
LCS (2J08008-BS1)				Prepared a	& Analyze	ed: 10/07/0	02			
Benzene	10.9	0.50	ug/kg	10.0	-	109	60-140			
Toluene	9.93	0.50	1)	10.0		99.3	60-140			
Surrogate: Dibromofluoromethane	5.63		**	5.00		113	60-140			<u> </u>
Surrogate: 1,2-Dichloroethane-d4	5.51		#	5.00		110	60-140			
Surrogate: Toluene-d8	4.54		,,	5.00		90.8	60-140			
Surrogate: 4-Bromofluorobenzene	5.10		"	5.00		102	60-140			
Matrix Spike (2J08008-MS1)	So	ırce: MLJ02	08-08	Prepared:						
Benzene	10.5	0.50	ug/kg	10.0	ND	105	60-140			
Toluene	9.37	0.50	II	10.0	ND	93.7	60-140			
Surrogate: Dibromofluoromethane	5.33		11	5.00		107	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.74		#	5.00		94.8	60-140			
Surrogate: Toluene-d8	4.70		"	5.00		94.0	60-140			
Surrogate: 4-Bromofluorobenzene	5.82		"	5.00		116	60-140			
Matrix Spike Dup (2J08008-MSD1)	Soi	ırce: MLJ02	08-08	Prepared:	10/07/02	Analyzed	: 10/08/02			
Benzene	10.7	0.50	ug/kg	10.0	ND	107	60-140	1.89	-25	
Toluene	9.89	0.50	H	10.0	ND	98.9	60-140	5.40	25	
Surrogate: Dibromofluoromethane	5.49		n	5.00		110	60-140			
Surrogate: 1,2-Dichloroethane-d4	4.77		#	5.00		95.4	60-140			
Surrogate: Toluene-d8	5.17		"	5.00		103	60-140			
Surrogate: 4-Bromofluorobenzene	5.74		"	5.00		115	60-140			



URS Corporation 500 12th Street, Suite 100 Oakland CA, 94607 Project: ARCO #4931, Oakland, Ca Project Number: ARCO #4931, Oakland, CA

Reported: 10/21/02 19:43

Notes and Definitions

Project Manager: Scott Robinson

HC-12 Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

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

	qd
--	----

Date 10/4/02

Chain of Custody Record

Project Name Business Unit Station 4931-731 West Macarthur Blvd. Oakland, CA 94609

BP West Coast Products LLC

BP Laboratory Contract Number: Requested Due Date:

(mm/dd/yy - 2 weeks from sampling date) (MUJ 0172)

Page_1_of_1 On-site Time; Temp: Off-site Time: Temp: 1020 Sky Conditions: 2 100 Meteorological Events: Wind Speed: Direction:

Send To):						y No.: Straige 4931				$\overline{}$				<u> </u>				Consul	ent: III	38 On	klend	······				
Lab Nam	e: Soquoin Analy	tical					v Address: 731 West M	(acar	that !	Blvd.	Onk	land.	CA 9	1609	· ·				Addres				Stree	t #200			
Lab Adda	ress: 885 Jarvis D	rivo					ation 4931																CA 9				
		HE, CA 95037					(ID#:												France	EDD: I					70.00	n	
							ontact: Paol Supple										•		o-mail EDD; Henry Burrientos@URSCorp.com Consultant Project No.: 38485938								
Lab PM:	Latonya Pelt						ox 6549, Mosaga, CA	9457	Ó	·						•••								85/408.2	27 60	62	
Tele/Fax	408-782-8154/4	08-782-6308					99-8891/925-299-8872																	707 1002.	27.00	-	
Report T	ype & QC Lovel:	Normal													Consultant PM: Scott Robinson Invoice to: BP West Coast Products												
	Account No.:	· · · · · · · · · · · · · · · · · · ·				BP/GEM Work Release No:					<u> </u>																
Lab Bott	le Ordor No:		•	Matrix				Preservati				vatív	29	1			•	720	quester								
Item No.	Field Point ID	Saraple ID	Time	Solvisokia	Water/Liquid Sediments	Air	Laborurory No.	No. of containers				HCI			TPH-g(8015)	BTEX (8260)	THE STATE OF THE S	(make ail)	\					Sampl	Ca	int Las onoren occepti	. A
I	2	Pile A	/000	X			# }	1	X						×	×		Κ	X	- 1				1			Hitts.
2	$p_{t} = x$	Pole B	1002	X			12	i	X						X	Y	1	X	*								Indian Magas
3		Pla C	1005	X	1		27	l	K					T	X	×		K	1				П				
4		Pile D	1007				64	Ì	X	-			_	1	式	X		K	ス	+		\dagger				····	<u></u>
.5															•		Ç								_		ii.
6									L	1	l		l				À						İ				
7		•					, , , , , , , , , , , , , , , , , , , ,											1									
- 8																	7										
9	1																3										
10			-						▮		Т	<u> </u>					Ż	1		_	1	<u> </u>	 	1			
Sample	r's Name: 7	ODD Tras	nall		·····	Rel	inquiched By / Affiliatio	ļa .					Date		fim		Acc	apted	By/Af	i (bation	,		-	Dzts		ime	
	r's Compeny: U	R\$ Oakland					alef & Turn	mell l	7				10/4		1 70		_				1			10/4/	_	í۲n	ľn
Shipme	Shipment Date: /o/4/02_						i. it	•					10/4		19		-	~~~	le			- lu		واراحا	22	14	
	nt Method; Har												71											1			
Shipme	nt Tracking No														_								•	1			
Special .	Instructions:	487	747				•						VAII. 4 A		_		-		***								

Eustady	/ Scals In Place	YcsNo	×		T _e	TODA	rature Blank Yes	N) X			Cor	ler T	-177	erat	litre d	ın R	conti	***********	°F/C		 -:-,γ	Blan	5 Yns		· -	
-	NAMES THE PROOF		_^	_	10	TT-	THE TANK TES	7.41	<i>y</i> 25	<u> </u>		~~	Let I	<u></u>	L=7.0H				~	- P/		111	מאום י	I I CS		O_X	

Attachment C

Field Sampling Data Sheet



SAMPLING LOG

URS

Site	ARCO Station No. 4931	Date 10/21/02		
Samplers	Todd Trammell	Proj No. 38485977		· · · · · · · · · · · · · · · · · · ·
PID Model No.	Calibration date/time	Page 1	of	1

ample ID	PID reading (ppm)	Depth	Time	Matrix	Comments
S1		~ 3'	1535	soil	
S2		~ 3'	1541	soil	
S3		~ 3'	-	-	Could not be collected
S4		~ 3'_	1635	soil	
S 5		~ 3'	1545	soil	
\$6		~ 3'	1551	soil	
S 7		~ 3'	1556	soil	
\$8		~ 3'	1620	soìl	
S9		~ 3¹	1732	soil	
S10		~ 3'	1725	soil	
S11		~ 3'	1720	soil	
S12		~ 3'	1713	soil	
L1		~ 3'	1538	soil	
L2		~ 3'	1547	soil	
L3		~ 3'	1630	soil	Strong fuel odor, take second deeper sample (L3-A)
L3-A		~ 5'	1633	soil	over-excavation sample
L4		~ 3'	1552	soil	Strong fuel odor, take second deeper sample (L4-A)
L4-A		~ 5'	1615	soil	over-excavation sample
L5		~ 3'	1557	soil	
L6		~ 3'	1626	soil	
L7		~ 3'	1655	soil	
L8		~ 3'	1700	soil	
<u></u> L9		~ 3'	1730	soil	
L10		~ 3'	1723	soil	
L11	+	~ 3'	1717	soil	
L12		~ 3'	1710	soil	
L13		~ 3'	1735	soil	
L10	+	·	1		
		· · · · · · · · · · · · · · · · · · ·			
			1		

Attachments:	See attached map for sampling locations.
Notes:	

Attachment D
Waste Manifests

Pleg	print or type (Form designed for use on elite (12 pitch) typewriter)		4	* NA.	
	WASTE MANIFEST	;	Ma Do	inifest cument No. 7 4 5 3	2. Page 1
	3. Generator's Name and Malling Address ARCIT #1931 731 W. MACARTHUR BLW9	PO SUE SUST LOS AMSELES, CA 90009			
	DAELAND, CA ETTS: 4. Generators Phone (\$725) 946-1885	PAGI. SUPPLE		<i>,</i>	w. *
	5. Transporter 1 Company Name DILLARD ENVIRONMENTAL SYCS.	6. US EPA ID Number	, "1, —	State Transporter's ID	
	1.44		В.	Transporter i Frione	many and mandered
	7. Transporter 2 Company Name	8. US EPA ID Number	<u> </u>	State Transporter's ID Transporter 2 Phone	
	9 Designated Facility Name and Site Address	10. US EPA ID Number		State Facility's ID	
	9. Designated Facility Name and Site Address LUGAO ALTANDAT PASS ROAD LIVERBAIRE, CA 94550			Facility's Phone	
		C A D 9 S 1 3 B 2 7 3		(923) 449-6349	٠,
	11. WASTE DESCRIPTION		12. Containe	ors 13. Total Type Quantity	14. Unit Wt./Vol.
	a BGE HAS SUIL, (pf: 15112800)			1 Jpo Goarnay	W.C/VOI.
			003	nt oon	L S T
G	b.				
GUZWEKHOR					' [
Ř	ç. ;,	i .			
A	·				
R	d.	· ·			
P					
_ 4	G. Additional Descriptions for Materials Listed Above			landling Codes for Wastes Liste	-d Abassa
	11a. 55112800	,		, t	NA ADOVE
	llb. Ile			,	
	ila.	•			
	* -	• •		·	7
	15. Special Handling Instructions and Additional Information Emergency Contact (925) 634-6650	nili sed		, ,	
				and the same of th	·
V	Naturalis kausanisz etaksteria eukouruns errakatoka parastaun eukonolus es	HERENDO DESCRIPTOR BETTELESSES PERHADURAS PLANFORMES	AVERTAL AND	Committee Contractions of the National Contraction of the	
	16 GENERATOR'S CERTIFICATION'S hereby certify that the contents of	this chinment are fully and accurately described and	d ava in all year		
	 GENERATOR'S CERTIFICATION: I hereby certify that the contents of in proper condition for transport. The materials described on this manife 	st are not subject to federal hazardous waste regula	ations.		· ·
2		- Adl		1 %	Date
	Printed Typed Name PER ARCX)	Signature			M69th 299 899
Ĭ	17. Transporter 1 Acknowledgement of Receipt of Materials	Signature			Date
Ž S	Printed/Typed Name	Signature			Month Day Year
P	18. Transporter 2 Acknowledgement of Receipt of Materials	yen june	10		1028.02
TRAZOPORTER	Printed/Typed Name	/Signature			Month Day Year
P	19, Discrepancy Indication Space				
ıc	· •	7			
Ĺ	20. Facility Owner or Operator; Certification of receipt of the waste materials	s covered by this manifest, except as noted in item	19.		
Ī	Printed/Typed Name	Signature			Date Vost
Ÿ	- mos types realis				Month Day Year
	14 0 2002 LABEL ASTER (800) 621-5808 www.labelmaster.com	<u> </u>		A	PARTED ON RECYCLED PAPER

NORTH AETHE DOGG WATE,

enitament Carofill's THE 10840 Altamont Pass Road Liveragre Co 94550

DATE FOR TOXEDY FOR S TIME IN TERES THE DITY ISSIS

and of

STEEL STOLET STOLETS

CARRIERY DILES OF LINE

TRUCK: 891 TOULER

CUSTOMERS DIVERBOYS OF USE A ENGINEERING TO

GENERATOR - DRECO TO THE SERVICE HAVE

-urienti ter kieli

色的的

HONTHEET MOSTE / WEDGETS 77

45.9.0

ANDERS TERMINE

2009600 LBG e Mille

he lat 40700 118 MOTHE DILEGIE AS DISTANTA TO SOCIETA

THIS JE TO LEGISTA HAN THE COLLOWING COSEL DON CHAROTING WES WELLHEST RECEIPED. (recounted by a verypherical above sugnature is on this decripted while confident recognized authority of accimatic as preserved by theoter 7 tempenering with Seption discoon bisdivitable is on the Dall Cornes Eduances and from a favore Cone edukuletaren beitae irtorean erenearrepante Standarde ni khi Centropia penant went of Fundeana equitorators;

Allabout Landfill & SRE logical responding the Constitution Liveracre CP 78550 C

DATE: 19/29/2008 TIME IN ALIZE TIPE WAS EASE STREET TORET TARKE

TICKET # 32926891 COURTS.

CARRIER CDILL ZEBERRE TRUCKS WHAT IS NOT THE THE THE CHRIMERS OF FLARESCOOP AS LEGISLATION GENERATORI CARCIA PARTICIPA

ONTETHS CONSTANTANTON

SERVE SPECIAL PROPERTY OF THE

PRINTEEN WASTES DEPOSITED OF

14921-7-9-CRE-7-EDE

Bries: alsav des

TAPEY 30000 LBS

Section Line Times as NET

beplity beignbastent Posts libbelito

DEPUTY WEIGHNASTAT

THE REPORT OF THE PROPERTY OF THE

une is in tentily than the fillianing described enoughty was neclical accountd or counted by a maighnester moder administration as on this restarticates, who le recountred authors: vot accuracy, as prescribed by Chapter 7 (common including Section 12700) of Division Stof the California Publices and Trafessions cade augministered to the Civision of Neglurgoung Standards of the California Department of food ord Auricelliurs.

NON-HAZARDOUS WASTE MANIFEST

Plea	lease print or type (Form designed for use on eilte (12 pltch) typewriter)											
	NON-HAZARDOUS	1. Generator's US I	EPA ID No.		Manifest Document No		2. Page 1					
	WASTE MANIFEST 3. Generator's Name and Malling Address	\$274.1 K ·	ATLASTIC DICHERED		 	* * * 3 *	of 'f					
	ARCO W4931	, state.	PO BOX 9087									
	THE W. MACARINUR SLAD		ios angrico, ca gorios			······································	·····					
200	Garland, Ch		PART, STOPEN									
	4. Generator's Phone((學名)等)結構統一等的經濟	<u> </u>										
46	5. Transporter 1 Company Name		6. US EPA ID Number		A. State Tran	sporter's ID						
	DITLAND ESVINDMENTAL SE	T.8	0 6 0 9 9 2 7 2 3	4 3 1	B. Transporte	r1Phone (學之句)	尼洋传一部的作 符					
	7. Transporter 2 Company Name		8. US EPA ID Number		C. State Tran	sporter's ID						
4					D. Transporte	r 2 Phone						
	9. Designated Facility Name and Site Address		10. US EPA ID Number		E. State Facili	ity's ID						
	althquet Landfill					•						
. 7	LOGAU ALTEROST PASS ROAD				F. Facility's Pi	none						
	CLACOMONE, CY 34220		CANSSITUST	~a *%	· ·	1年9一番349						
	11. WASTE DESCRIPTION		100, 300, 400, 14, Pr. "20, 5, Mil. Co. 3.		ntainers	13.	14					
	,			No.	Туре	Total Quantity	14. Unit Wt./Vol.					
	a. were seen with an analysis			1 ,	1,70	Guerraty	VVL// VOI.					
	a mor mas sull, (pr. 35%)	2600)			.							
				lant	n T	ngara	7					
	h	 		 								
🥌 Ошटшс	b.		N.									
Ñ	•		•									
Ε	· · · · · · · · · · · · · · · · · · ·			<u> </u>								
R	c.]					
2				ĺ								
A T O R												
R	d.											
1	•											
4		·	,									
3432	G. Additional Descriptions for Materials Listed Above				H. Handling Co	odes for Wastes Listed Abov	e					
	LLa. 55112800			-								
	11b.											
	Ato. Tet				•							
	1 100						Ī					
	15. Special Handling Instructions and Additional Infon		the land to sense.									
	Emergency Contact (925) 2089/1005-006 PC# 09-3398	(位于4方任5日 173	orreary									
No.	paragent rather sources of their rates of the contract of the	<i>¥ &</i> .										
· Ø							[
	Distriction programment appropriate substitution appropriate			-								
	 GENERATOR'S CERTIFICATION: I hereby certif in proper condition for transport. The materials de- 	y that the contents of	this shipment are fully and accurately described	and are in a	all respects							
	in proper container for transport. The meterials as	SCHOOL OIL BIJS HISHING	or are not subject to industry and a subject to industry and in the subject to industry and in the subject to industry and	julations.								
- 1				0			Date					
	Printed/Typed Name		Signature	7]	•	Morit	⊵ Deyn Year					
	r. dilland orn anco		- Com	/		/2	12102					
Į	17. Transporter 1 Acknowledgement of Receipt of Ma	terials					Date					
-RAZSOOR-ER	Printed/Typed Name		Signature	7	1/-	Mont	h Day Year					
ន្ត	" PANAJOLA SICO	S	1/ auxor	<u>></u> /~ ∨	INVE	$\delta \sim 10^{-1}$	129102					
စ်	18. Transporter 2 Acknowledgement of Receipt of Ma	terfels	/) ' /		1		Date					
Ť	Printed/Typed Name		Signature			Mont	Day Year					
F												
	19. Discrepancy Indication Space						·					
ć							l					
	20. Facility Owner or Operator; Certification of receipt	of the waste materials	s covered by this manifest, except as noted in ite	m 19.								
				_			Date					
÷	Printed/Typed Name		Signature	<u> </u>		Mont						
Ý	A Ch		1//1/1/1	<u>`</u>	ny/	Fr	199117					
لــــا م		an labeta t	- Film		/		- A					
C	F14 0 2002 LABEL ASTER (800) 621-5808, w	w.labeimaster com				PRINTED ON RE USING SO	CYCLED PAPER PREVIOUS WITH					

NON-HAZARDOGGS WATE

Altagont LandFiel' # #RF 10040 Altament Pass Road Liverance Lit 94554

DATE CLAVESTER and the things are THE DULL TESS Fruit is

STAGE TYCKET: 'Y71150

CARRIEN'S DILL / Bulk and TRUCK: 091 COSTONICEONS
CUSTOMERS DIELONG CERTIFICATION GENERATOR: ARLU4920 VEREITORIA

ONIGINE CHE L'ENDEMINE

MENTEEST WASTE - TREMERS OF

GROSE: BOBAG LING THREE SUBAU LOS

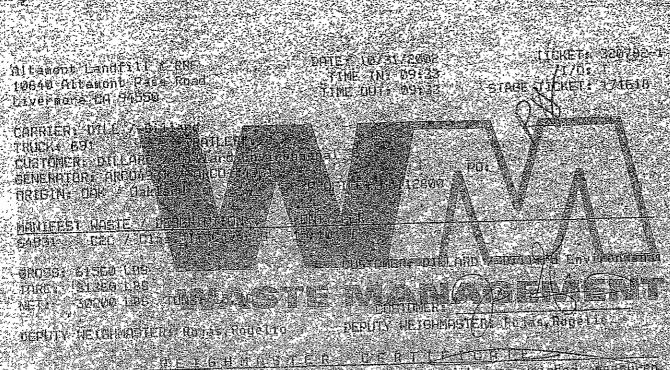
META . 50000 Las

deputly neighbosters rejestrogers. Therety beighboster ligger bodes

HEALEH NAG DER SOM BATURTETTERS

THIS TO TO CERTIFY that this following described commonishy was weighed, we singer our counted by a peophoseper officer signature is not fire configurate, who is racognized authority of accoracy, as presinibed by Chapter 3 (comencing with Section (2000) af Division Soof the Coloronia becomes and brock fine consections administered by the fartalmict meety/supres Giandangs of the Cabicords Department of Food and Confinitions

1	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.		Manifest Document No.	. W. # # 3. I	2. Page 1 of
	3. Generator's Name and Malling Address ERLY 46931 731 W. HOCARTYUR BIYD (DAKLARY), C.A. 4. Generator's Phone (\$1251 945-188)	CA 90MG				
	5. Transporter 1 Company Name DILLIAND CRYTHORMICETEL SACS C A D D B Y 5 2 3 4 3		A. State Transporter's ID B. Transporter 1 Phone (927) 618-693			
	7, Transporter 2 Company Name 8. US EPA ID Number		C. State Transporter's ID D. Transporter 2 Phone			
P 6	9. Designated Facility Name and Site Address 10. US EPA ID Number RETRACTORY LARGORILL 10840 ALTACASET PAGE ROAD CIVERBURE, CA 94550		E. State Facility's ID			
	11. WASTE DESCRIPTION	CADS	8 1. 3 8 2 3 3 8 12. ((\$7%) ¶¶		14 Uni
	a sos mas som, (pr. 35.11	2899)	No.	Type	Quantity	Wi'\
GEN	b.	· · · · · · · · · · · · · · · · · · ·	1777		\$7 \$1 93 At 4"	
ERAT	c. ·					
OR R	d.				Ą	
	3. Additional Descriptions for Materials Listed Above LLA. SFLESSS LLA. LLC. LLC. LLC.			H. Handiing Code	es for Wastes Listed Above	•
	15. Special Handling Instructions and Additional Info Essective Contract (925 JUBATAN4-ING PUB 19-738	0790-44 0790-448		1		
	18. GENERATOR'S CERTIFICATION: I hereby cert in proper condition for transport. The materials de	fy that the contents of this shipment are fully a scribed on this manifest are not subject to fed	und accurately described and are interal hazardous waste regulations.	n all respects		
			X 2 1)	~ Month	Date 29 8
	Printed/Typed Name P. IVILLARU PER MICE	Signature			//	$U \cup U \cup U$
TRAZOPO	Printed/Typed Name P. STATE SRID TER SINCE 17. Transported 1 Acknowledgement of Receipt of M. Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of M.	aterials Signature		Rw	Month 10	Date Day
A I	P. WILLARD FOR MICH. 17. Transported 1 Acknowledgement of Receipt of M. Printed Typed Name WWW. D.J. W. V.	aterials Signature	Jadoph	Rw	Month	Date Day Date
47000R	17. Transporter 1 Acknowledgement of Receipt of M. Printed Typed Name 18. Transporter 2 Acknowledgement of Receipt of M. Printed/Typed Name	sterials Signature Signature Signature	Jadop L	Rw	. Month	Date Day Date



THE TEST TO CERTIFY then the collecting determined to magnify the decighed, weardiers, or countried by a meridimental winese extinating as a first countries of meridimental winese extinating and first contributions and professions and a first contribution of the first contribution of the first contribution of the first contribution of the first contribution of the first contribution of the first contribution.

**Additional Contribution of the first contribution of the first contribution of the first contribution.

	se print or type (Form designed for use on elite (1	2 pitch) typewriter)					
	NON-HAZARDOUS	1. Generator's US	EPA ID No.		Manifest Document No.	reetn	2. Page 1 🤫
4	WASTE MANIFEST	MAIL:	AFTARFIC RICHFIELD		Document 140.		of
	3. Getterator (Antama and Mailing Address 73.1 等、岩名CARTAIFR をLVD ()AKT.ARTY, CA (923) 946-11357 4. Generator's Phone ()		PO BUX 9087 KOS ABSEXES, CA 90009 PANT, SUPPLE				
			6. _{E7. 3.} "US ĘPAĮD Nymber _{F2}		A. State Transp	andaria ID	
1	6. Trapaportor Popparty dangs arrang av. 6 to		6. () A US EPAJD Number (3 4 3 7	B. Transporter	25.88	rraRrt
	7. Transporter 2 Company Name .		8. US EPA ID Number		 	····	· · · · · · · · · · · · · · · · · · ·
	1. Transportor 2 Company Hame		I.		C. State Transporter		
	Destructed Serville Abordand Site Address		10. US EPA ID Number				·
1	9. Deelicees reginderentsee Address 10840 Altariet Pass Ruad Liverrukt, Ca 94550				E. State Facility		
			CADSOLIST	7 3 7	F. Façilityis Pig	43·6 349	
	11. WASTE DESCRIPTION			12, C	ontainers	13.	14.
				No.	Туре	Total Quantity	14. Unit Wt./Vol.
	8.	11.00 (11.1)		-	1 1,7,50	Guarrity	VVI.7 VOI.
	<u>. </u>		•	กกา	n t	00028	¥
	b .		`				
GEZER			•				
E	C.				<u> </u>		
A	.						
A T O R				ł			
	d.						
	G. Additional Descriptions for Materials Listed Above また。 タラミエを用むま また。 また。 また。 またっ では、 では、 では、 では、 では、 では、 では、 では、					fes for Wastes: Listed Above	
	16. Special Handling And Upptions and Addition Willies ATT STATE WILL STATE TO A TO STATE TO		oilland				
	v av av av av a						
23/2	16. GENERATOR'S CERTIFICATION: I hereby certiful in proper condition for transport. The materials de	ly that the contents of	this shipment are fully and accurately describ	ed and are in	all respects	And Section	Mark Astronomy
	in proper condition to Balleport. The materials de	SCHOOL OIL BUS HEAR	ast are not subject to legislar nazardous viasie				
			a del				Date
	Printed Typed Name to PER ARCAI		Signativie	TTT		Monty	* 990 X995
			TOOK!	40	1		000 00
Ţ	17. Transporter 1 Acknowledgement of Receipt of Ma	iterials	<u> </u>	1	1		Date
TRANSPORTER	Printer/Typed Name 7		Signature	T	/	Monti	
S	JAMBS (DAMBER		1				13 102
ģ	18. Transporter 2 Acknowledgement of Receipt of Ma	terials			\cup		Date
7	Printed/Typed Name		Signature			Monti	n Day Year
취	,					· · · · · · · · · · · · · · · · · · ·	
	19. Discrepancy Indication Space						
ć		•					
! [20. Facility Owner or Operator, Certification of receipt	of the waste material	is covered by this manifest, except as noted in	iltem 19.			
7							Date
T	Printed/Typed Name		Signature	ير		Month	Day Year
Y	KA		11/4	- En			13/102
	E14 0 2002 LABEL MACTER (R (200) 621,5808 W		- W			~	WOLFD RAPER CASE MANUFACTURE

HOR.HALKERDOWN WATER

Pliancak Lander Lea BR TANC THE VIEW togoo Adlangata Passanaat STORE TYCHER AZVETO THE DUTATION IS Livefoldry ca. Profin CORRIERS DILL Fredh THICK! DIE! CHETURIER OF LALCOHO DEBURNATORS ARELIAND EEFT PROOF DRIGIKŲ TORK V DEK**VE** PUNTEGRANGETE ALLE TANGLE STORES ERCEIE L'ETRE D'AUTÉ THE COUNTY LIS NET COLONIA TESSO TI DEDILING METOHNABILIAN ROLLARS BASELANDS DEPUTY, NET GHORS OF THE TOTAL TRANSPORTER

THE TE TO CERTIFY that sine inclouding described commonly the partificate with it continues the country that sine incloudes signabure is unables continues to commencing with a seminary to a seminary to a seminary the process of the size of commencing with a seminary at although the signabure of the seminary transfer the commencing with a seminary to a subject that is also because in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the seminary transfer in the size of the size of the seminary transfer in the size of the size o

NON-HAZARDOUS	(12 plich) typewriter) 1. Generator's US EPA ID No.		Manifest Document No.	14971	2. Page 1
WASTE MANIFEST 3. Generator's Name and Mailing Address ARCO #49 TL 7.3. 9. HOLDRINGS ALVO HARTARD, CA 4. Generator's Phone ((1973) 1946—1138 5. Transporter 1 Company Name	MAIL ATLABITE REMITELD PO DIX BOST LOS ABSCLES, LA PONT ATTR: PARK SUPPLE TY	}		7 'K .V f 9	of E
	6. US EPA IO Number	', f, j, j,	A. State Transp	2 211 122	थ १४ -टास ३ त
7. Transporter 2 Company Name	8. US EPA ID Number		C. State Transp	orter's ID	
9. Designated Facility Name and Site Address FORTUAL INC LINE CALAPTRE RE	10. US EPA ID Number		D. Transporter 2 E. State Facility' F. Facility's Pho	a ID	
RTTI VESTA, CA 94571. 11. WASTE DESCRIPTION		12. Co		13-7879 13.	14.
a. waste description	Attentia	No.	Туре	Total Quantity	14. Unit WL/Vol.
a. elle nos elle, (pt: 131.	(3004)	on.	19 T	n n n n	.A.
b.	ì				
Ç.					
d.					
G. Additional Descriptions for Materials Listed Abov 1.1.a. 5.3 1.1.2.8 6 6 1.1.b. 1.1.c. 1.1.d.					
15. Special Handling Instructions and Additional Info 유로로 GERRY COVERNE (보호 마마하기미에 기계에 보다 기계	f) 故写性~				
18. GENERATOR'S CERTIFICATION: I hereby cer in proper condition for transport. The materials d	illy that the contents of this shipment are fully and accurately described on this manifest are not subject to rederal hazardous waste	ped and are in a regulations.	l respects		
Printed/Typed Name D. NIELARD DER BREEL	Sighaltine	<u>^</u>		Moh	Date Day Year
D. WILLAND DER BALLS 17. Transporter 1 Acknowledgement of Receipt of M	atedala Color	<u> </u>		/0	130108
Printed Pyged Name	co Signature and and al	lph V	/w	Mont 10	Date Day Year
18. Transporter 2 Acknowledgement of Receipt of M Printed/Typed Name	aterials Signature	<u> </u>	<i></i>	Mont	Date Day Year
18. Discrepancy Indication Space	``				1
18. Discrepancy Indication Space	ot of the waste materials covered by this manifest, except as noted in	n Item 19.			Date



9999 South Austin Road/WEIGHING LOCATION P.O. Box 6336 Mantera, CA 95336 Stockton, CA-9

Landfill: (209) 982:4298 / WEIGHING LOCATION: Resource Recovery: (209) 982:4936

002588

STEVE REICHOUP

DICLARD ENVIRONMENTAL

POST DEFICE BOX 579

BYRON, CA PASIA Centract: 2592# P.O. Box 6336 Stockton, CA 95206 Main Office: (209) 466-4482 Fax: (209) 465-0631

	然后,这是一种是一种的一种。 第一个一种是一种一种的一种,是一种一种一种一种一种一种一种一种一种一种一种一种一种一种一种一种一种一种
SITES TO CONTINUE OF THE SECOND	CALL PLANS GRID CALL CONTROL C
0 10 1 10 10 10 10 10 10 10 10 10 10 10	
	ASTER (** - 3.4%) - 3.4%
MAFIA B	
PERSONAL SEDATE IN U.S. P. D. S. S.	WE SETUMEN TO SEE
Sa E November Son	
DECRETE STRATE OF CHEST STREET	SEE THE OUT
€ November ECO	(1) 5 67 am
CHARLE VEHICLES AND THE	THE STATE WAS BOLD OFFICE AS A SECOND
如果"哪些是公务"	。 《表表》:"是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
SARETERENCES AND THE ALL TO A	ORIGIN
DAKEAN	

Grees Watght 75,980.00 LE Stangg Tare Watght 30,100,00 LB

- Net Weight 45,880.00 LB 22,74 TN

Tan and medical page of sometimes	ero meganiculatura anterioria, et	production of the second	Company of the Compan	Thin an annual state of the sta	AND DESCRIPTION OF THE PARTY OF	The same of the sa	No see the second of the second	TO STATE OF A PARTY OF
THE PARTY OF THE P	SPECIAL PROPERTY.		DESCRIPTION		RIE AND AHALES OF THE	EXTENSION	自然是一种。中人 在12世纪	THE RESERVE OF THE PARTY OF THE
THE PARTY OF THE P	e transfer and the second	A STREET OF THE STREET	Kar Andrews and County of Vision	Services - Services - Property - et V	THE PARK SALE WAS A CONSTRUCTION OF THE PARK SALE OF THE	· 中央 中央 中央 中央 中央 中央 中央 中央 中央 中央 中央 中央 中央	対象性を アンプラー ちょ	まただったかりょう 1 代表
The state of the s		对是对这种生活。	LIENSE ANDER LEXINO		图 阿拉罗斯特人 法国政治	·【我是為6世級第二十分的大學數學	1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	机碱 经外汇 化化氯化 化二甲烷
The state of the s			AND THE WORLD SEE SAN	Same and reservoir was father the same	是 15. 15. 15. 15. 15. 15. 15. 15. 15. 15.	This was an error territorial attention	A PA MONG 电电影线	
ジャー・大学学学工学学園			Section of the section		2、一种企业(60、41人为中央的公益)	生,至15年70月20日10日1	1. 高速等等性温度	15.1 等的是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
	自己的一种	11年12年12日 12日 12日 12日 12日 12日 12日 12日 12日 12日	io i i cove		和"我们的"的"我们"。"我们"。"	THE PARTY OF THE PARTY OF THE PARTY.	A Comment of the Comm	- Carlot Att Edward State State of
	10.50							
**************************************	24 图 通 图 通	中国的 1000000000000000000000000000000000000	Washing of the Salah or with	经发生的 海路 化二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	中国対象数を含むなは終められる。	· 一、一、一、一、一、一、一、一、一、一、一、一、一、一、一、一、一、一、一、	生成四数数数据表示	Charles To Market Bank Control
					在 医基乙烷酸氢、乙烷酸氢		- 1 Table 200 1 Ta	
・・・・・・・ 機関を記て、実際を整備	1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 中国 10 10 10 10 10 10 10 10 10 10 10 10 10	THE RESERVE OF THE PARTY OF THE		题上不多的数据《全主》的第二	是是不在,他都不是这些。m	The second second second	TOWNS TO SECURE A SECOND CONTRACT OF THE SECO
				A TO LINE I MAN THE STATE OF	8 T. (2003)			18 34 34 TE 18 18 18 18 18 18 18 18 18 18 18 18 18
	中国系统的国际发生			犯罪但是多了"无心实验"。				小湖海是沙海 10号的复数形式 255-45。文
The second secon		A THE RESERVE THE	在"是"这样。书《新 节》	Property of the Section of the Secti		"好过",这个人的一个人的	3 - 35 Jan 1 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	19 70年 C. M. P. S. Mary F. M. C.
了。可是是 是大概的 是是已经的							中,《1845年》。 11. 《1845年》:《大学》:"	作家的的变数 化粉膜物溶剂
·····································	L. San Land	建设工作的基础工程的	STANCE OF STANCE	是一个人的工程的工程,但是一个	THE SECTION OF THE SECTION	CONTRACTOR OF THE SERVICE	\$P 13.1653 新华 12.566 蒙	Temperature 1980
					ad [40] 在20] [20] [20] [20] [20] [20] [20] [20] [计连续数据的 建设计算器 医音		計算機構的対象によってあった。
· 一个一定。对于中华的	51、全位以及1964年的	2 [17] "数 对应总统为4000000000000000000000000000000000000	4. 文明体系是发生的关系		THE WAR TO MAKE THE PARTY.	计第三元列号 医多种性性	计 是是数据	10 经美国人的
					在1885年人名特里尔斯特克尔	1. "我就是我们的人的女子的。"	1.5 4.5%	1. 4. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
				建设在1000000000000000000000000000000000000	在一个人,这些魔性一个是不是好	T. 网络克里克里亚克里克里克斯特尔	对关系语 医影战性处理	
	在一个人的	到。在德国的《美国》的"		在"新"。"Address 是在"大"的"Address"的	题[1]自然编译为一样。[82]	はある。とはお客から	数据据记录不证书。而是这	The said to the said
	科学、技术等等等	THE PARTY DESCRIPTION	经产品的	医肾-亚洲学 一年的为人的结婚			\$P\$不可能的点了。"你你说这	自由國家等等等等等等等等等。
C. Carrier of the last of the	an にある。 では、 は、 は、 は、 は、 は、 は、 は、 は、 は、	TANK TO SEE SEED TO SEE STATE OF THE SEED SEED SEED SEED SEED SEED SEED SE	Care and participation of the same of the	and the state of t	50 1 No. 27 1 No. 28 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	THE REPORT OF THE PROPERTY AND ADDRESS OF THE	PERSONAL TERMINATION	The straight of the straight o

WEIGHMASTER CERTIFICATE: THIS IS TO CERTIFY that the following described commodify was weighed measured or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority or 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.

HAMIFESTER

DRIVER'S SIGNATURE

Dra-

Thinound - ACALE TIEKET

NET AMOUNT

CHANGE

CHECKING

e print or type (Form designed for u						
	use on eitte (12 pitch) typewriter) 1. Generator's US			Manifest		2. Page 1
NON-HAZARDOU WASTE MANIFES) EFA 1D NO.		Document No.	49312	of 7
3, Generator's Name and Mailing Addre			•			······································
anco 04931 731 w. macartrur		PO BOX 9087 XOS AMERXES, CA 90009	;	<u> </u>		
GARLAND, CA.	ATTE			ļ		
	.,,	6. US EPA ID Number ·		A, State Transpo	stoole ID '	
5. Transporter 1 Company Name	of Strategy in Sec. in special	,	73 # 79 T	B. Transporter 1) 634-6850
7. Transporter 2 Company Name	atat. Svis	8. US EPA ID Number	3 % 3	C. State Transpo	, 1 sq 22-70	i miran energia
(The section of the		1 .		D. Transporter 2		· · · · · · · · · · · · · · · · · · ·
9. Designated Facility Name and Site Ad	ddress	10. US EPA ID Number	······································	E. State Facility's	: 10	
PURRADO INC., LANDE	TIL	•				
9999 SOWTH AUSTIN MANTECA, CA 95336	ROAD			F. Facility's Phon	e	
		CALDONISO		(209) 95		
11. WASTE DESCRIPTION			1 ' -	ontainers	13. Total	14. Unit
			No.	Туре	Quantity	Wt,/Vol
a nor har sull, (p:	£: 2582)					
	•		00	k pr		X
b.		<u> </u>				
]
¢.						
						1
d.			}]		1
			1			-
G. Additional Descriptions for Materials	Listed Above		L	H. Handling Code	s for Wastes Listed Abo	ve
						•
11a. 2562 11b.						
LLa.		,		,		
13.4.						
	400					
15. Special Handling Instructions and Ad		tere v unite		r		
Description Contact	(925) 534-6850	DILLARD				
*						
		•				
						i nekisimtan eres
16. GENERATOR'S CERTIFICATION: In proper condition for transport. The	I hereby certify that the contents materials described on this man	of this shipment are fully and accurately describ firest are not subject to federal hazardous waste	ped and are in regulations.	all respects		
16. GENERATOR'S CERTIFICATION: In proper condition for transport. The	I hereby certify that the contents a materials described on this man	of this shipment are fully and accurately describiliest are not subject to federal hazardous waste	ped and are in regulations.	all respects	1. <u>5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5</u>	/88///88
	I hereby certify that the contents a materials described on this man		ped and are in regulations,	all respects		Date
Printed/Typed Name		of this shipment are fully and accurately describilitiest are not subject to federal hazardous waste	ped and are in e regulations.	all respects	Moi	
Printed/Typed Name F. DELLASO PER ANC	20		oed and are in e regulations.	all respects	Moi	nth Day Ye
Printed/Typed Name F. DELLARD PER ADC 17. Transporter 1)Acknowledgement of I	20	Signature	sed and are in a regulations.	all respects		nth Day Ye
Printed/Typed Name P. DELLASID PER ADC	20		ped and are in a regulations.	all respects	Moi	nth Day Ye
Printed/Typed Name F. DELLARD PEW ADC 17. Transporter 1) Acknowledgement of Printed/Typed Name	Receipt of Materials	Signature	ped and are in a regulations.	all respects		nth Day Ye
Printed/Typed Name F. DELLASID PRE ADC 17. Transporter 1 Acknowledgement of I	Receipt of Materials	Signature	sed and are in a regulations.	all respects		Date Date Date Date
Printed/Typed Name F. DELLARD PRIL ADD 17. Transporter 1 Acknowledgement of I Printed/Typed Name 18. Transporter 2 Acknowledgement of I	Receipt of Materials	Signature Signature	sed and are in a regulations.	all respects	Moi	Date Date Date Date
Printed/Typed Name F. PELLARD PRIL ADD 17. Transporter 1 Acknowledgement of I Printed/Typen Name 18. Transporter 2 Acknowledgement of I	Receipt of Materials	Signature Signature	ped and are in a regulations.	all respects	Moi	Date Date Date Date
Printed/Typed Name F. BELLASTI PER ADK 17. Transporter 1) Acknowledgement of I Printed/Typed Name 18. Transporter 2 Acknowledgement of I Printed/Typed Name .	Receipt of Materials	Signature Signature	bed and are in a regulations.	all respects	Moi	Date Date Date Date
Printed/Typed Name F. PELLARID PER AM 17. Transporter 1) Acknowledgement of I Printed/Typed Name 18. Transporter 2 Acknowledgement of I Printed/Typed Name 19. Discrepancy Indication Space	Receipt of Materials Receipt of Materials	Signature Signature	Office	all respects	Moi	Date Date Date Date
Printed/Typed Name F. PELLARID PER AM 17. Transporter 1) Acknowledgement of I Printed/Typed Name 18. Transporter 2 Acknowledgement of I Printed/Typed Name 19. Discrepancy Indication Space	Receipt of Materials Receipt of Materials	Signature Signature	Office	all respects	Moi	Date Date Date Date Date Date
Printed/Typed Name 17. Transporter 1) Acknowledgement of 1 Printed/Typed Name 18. Transporter 2 Acknowledgement of 1 Printed/Typed Name 19. Discrepancy Indication Space 20. Facility Owner or Operator; Certifica	Receipt of Materials Receipt of Materials	Signature Signature Signature	Office	all respects	Moi Moi	Date Date Date Date Date Date Date Date
Printed/Typed Name F. PELLARID PLIK AND 17. Transporter 1) Acknowledgement of I Printed/Typed Name 18. Transporter 2 Acknowledgement of I Printed/Typed Name 19. Discrepancy Indication Space	Receipt of Materials Receipt of Materials	Signature Signature	Office	all respects	Moi	Date Date Date Date Date Date Date

NON-HAZARDOGS WATE



9999 South Austin Road/WEIGHING LOCATION Manteca, CA-95336

Landfill: (209) 982-4298 / WEIGHING LOCATION. Resource Recovery: (209):982-4936

€P.Q: Box 6336.5 Stockton, CA 95206 Main Office: (209) 466-4482 Fax; (209) 465-0631

CORNE

STEVE RETERIOR

DILLARD ENVIRONMENTAL

POST OFFICE BOX 573

BYFON, CA: 94514 Contract, 25820

	a place of the contract of the party of	10	3		
ESITES	EXECUTION ENGRA			BID :	5. 旅游
101	1.66940		E Sant A		
		WEIGHMAST	FREEZENSE		
HAPT	A D				
	22 DATEIN AS	7 20 20 20		MENN	
	2 Novembe	r 2005	新兴(1]	age am	d.org
940.55	C-DATE OUT	***	或者35.95TIA	IE OUT 图像	時能允良
	Z Novembe	学的值	+11;	49 80	
Carried Street	WEHIGLE AND S		新本語 A RC	LE OFF	
DIE	SOMO ALBOY	229. 20			y British
REFE	RENCESSO	3 6 6 5 5 7	ORIGIN	2 (11 (16 (19 E))	急经验院
	27.20	AKLAND			
1 1 1 1 1 1 2 2		The state of the s	10		

fabrung Pagare atore

Erussakeight, Southouth Le Stored Tage Weights 20,100,00 LB

Prismologila (olizatio Djet Weicht

DESCRIPTION CICARS II COVER SCIL in id -tive

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

Manifest Appsi

DRIVER'S SIGNATURE

3. Generator's Name and Milling Address ARCH #4931 T31 W. MECARTHUR ARCHITES 1118 AREFILES, CA POINTS ARCHITES 1118 AREFILES, CA POINTS ARCHITES 1118 AREFILES, CA POINTS ARCHITES 1118 AREFILES, CA POINTS ARCHITES 1118 AREFILES, CA POINTS A. State Transporter's ID DITTIADD PROTINISMPWINT SUPS T. 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 FULLWARD INC. LAMBEILL 9999. STUTTE ARSTER RURB MARTICIA, LA 93336 11. WASTE DESCRIPTION 12. Cantainers Total No. Type Guarnity W G D. Transporter 2 Phone E. State Facility's ID F. Facility's Phone (7299) 782-4298 11. WASTE DESCRIPTION 12. Cantainers Total No. Type Guarnity W G D. Transporter 2 Phone C. State Transporter's ID D. Transporter's ID	NON-HAZARDOUS * 1. Generator's US EPA ID No. WASTE MANIFEST		Manifest Document No.		2. Page
T.3. W. HALZERTHER (DAMPHAPOLA) CA (DA	3. Génerator's Name and Málling Address , MATL: ATLANTIC BICI	Wield		C. C. C.	<u> </u>
6. Transporter Company Name DITT JBD PRETINDESPETVAT CON S T. R. D. D. D. S. D. A. 3 Transporter Company Name Loss Institution of Finite D. Transporter Company Name D. Continues Loss Institution of Finite D. Transporter Company Name D. Continues E. Substitution of Finite D. Transporter Company Name D. Transporter Company Name D. Transporter Company Name D. Continues E. Substitution of Finite D. Transporter Company Name D. Decompany Name	731 W. MACARTHUR LOS ANGELES,	CA POND			
TITLESTIP PERSONNEY CONTROL NAME OF THE PROPERTY CAST OF THE PERSONNEY CONTROL OF THE PERSONNEY	K#/	ID Number	A. State Transpi	orter's ID '	
8. US EPA ID Nomber 1. C. State Transporter ID 1. Discontinue ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transport ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transporter ID 1. Transport ID 1. Transport ID 1. Transport ID 1. Transport ID 1. Transport ID 1. Transport ID 1. Transport ID 1. Transport ID 1		B > 5 > 4 & 4	B. Transporter 1	Phone (%)	7 61 74 - 61
Compared Facility According to Section 10 US EPA ID Nominion E. State Facility's ID			C. State Transp		
PRINCETOR TICL TARRETTE READ HANTELES, LA 95336 It. WASTE DESCRIPTION It. WASTE DESCRIPTION RUN HAS SULL, (tp.5: 2562) G. Additional Descriptions for Meserials Limited Above J.La, 2582 J.La, 2582 J.La, 2582 J.La, 2582 J.La, 2582 J.La, 11d, I.S. Special Mending Instructions and Additional Information Princet granty Constants (1925) 634-6856 DETEARED ALBERTATORS CENTRATOR Investory study and the contents of the dispensed we fully are accounting described and are in all respects in proper occlosed for the metal scale described on this are not excluded to describe the metal scale described on the metal scale described on the metal scale described on the metal scale described on the metal scale described on the metal scale described on the metal scale of the scale of			D. Transporter 2	Phone	
HABTECA, CA 93336 11. WASTE DESCRIPTION 12. Constitues 13. No. Type Countly RUM HAS SULL, (tp.6: 2582) 0 0 0 D D T RUM HAS SULL, (tp.6: 2582) 0 0 D D T 0 Additional Descriptions for Massefula Listed Above 1 12. 2 5 8 2 1 11b. 1 12c. 1 1	FURNARD INC. LANDETILL	ID Number	E. State Facility	s ID	
RIN HAR SUIL, (p.E: 2582) BID D D D Additional Descriptions for Materials Listed Above Lia. 25 B 2 Lib. Lib. Lib. Lib. Lib. Lib. Lib. Lib	MARTICA, CA 95336)		
RUH RAS SCILL, (p.£: 2582) 0 0 0 D 2 1. Additional Descriptions for Materials Listed Above 1. L. 2582 1. L. 1.	~~			13.	
BOH HAS SOLL, (p.2: 2582) O Admitional Descriptions for Maserials Listed Above II. Application of Maserials Listed Above III. 2582 III. 11.4. 15. Special Handling Instructions and Additional Information Exercise processory Const.ext. (925) 634—6956 DYXX.ASAD JIDSE 1904—096 16. GENERATOR'S CERTIFICATION: I heartly certify that the continue of this shipment are fully and accounting described and are fin all respects in proper condition for example. The mitialisis described on this manifest are not subject to flessed instructions usuals regulations. Date Printed Typed Name Signature In Transport Abdrowed againship Receipt of Malphilate Signature In Transport Abdrowed againship Receipt of Malphilate Signature In Transport Name Signature In Transport Name Signature In Date Printed Typed Name Signature In Date This Control of Control of the Admition of receipt of the wester materials covered by this manifest, except as noted in item 19. I Date Printed Typed Name Signature In Date Signature In Date Signature In Date Receipt of the wester materials covered by this manifest, except as noted in item 19. I Date Printed Typed Name Signature In Date Receipt of the wester materials covered by this manifest, except as noted in item 19. I Date Printed Typed Name In Date Name Of Majorin proper In Date Printed Typed Name In Date Receipt of the wester materials covered by this manifest, except as noted in item 19. I Date Receipt of the Name Of Name Of Signature In Date Receipt of the Name Of Name Of Signature In Date Receipt of the Name Of Name Of Signature In Date Receipt of the Name Of Name Of Signature In Date Receipt of the Name Of Name Of Signature In Date Receipt of the Name Of Name Of Signature In Date Receipt of the Name Of Name Of Signature In Date Receipt of the Name Of Name Of Signature In Date Receipt of the Name Of Name Of Signature In Date Of Name Of Name Of Signature In Date Of Name Of Name Of Signature In Date Of Name Of Name Of Signature In Date		No.	Туре	Quantity	_ w
G Additional Descriptions for Materials Listed Above 1.1.A. 2.5 8 2 1.1.B. 1.1.C. 1	NOW HAS SOLL, (p.f.: 2562)	W. E.			
G. Additional Descriptions for Materials Listed Above LLx. 2.5 8.2 LLb. LLC. LLd. 15. Special Handling Instructions and Additional Information Every genery Continent (S25) 634-6858 DYXLBSD JUBG 1894-096 16. GENERATOR'S CERTIFICATION: Interly settly with the contents of this shipment are hilly and accurately described and are in all respects in proper condition for immagnet, the materials described on this manner of the shipment are hilly and accurately described and are in all respects in proper condition for immagnet, the materials described on this manner of the shipment are hilly and accurately described and are in all respects in proper condition for immagnet, the materials described on this manner of the shipment are hilly and accurately described and are in all respects in proper condition for immagnet are not subject to december accurates water angulations. P. DIZLARID PER ARCED 17. Transpring/Regiment of Flooriging Methenicis PrintedTyped Name Signature Month Day 19. Discrepuncy indication Space 20. Facility Owner or Operator, Certification of receipt of the wester materials covered by this manifest, except as notes in firm 19. 1 Date PercentageTyped Name Signature Month Day 19. Discrepuncy indication Space	G b.	6,8 4,7	L DI		
G. Additional Descriptions for Materials Listed Above 1.1.2. 2.5 6.2 1.1.6. 1.1.6. 1.5. Special Heading Instructions and Additional Information Exters genacy Constructs (S25) 634-6555 DXXX.RRD (IDS 1995-096 1.0. GENERATOR'S CERTS*CATON: Thereby cutify that the contents of this enterment are fully and according described and are in all respects in proper condition for tramport. The miterials described on this manifest are not subject to fectoral hazarrobus waste requiritions. Printed/Typad Name Printed/Typad Name Printed/Typad Name Signature Signature Signature 10. Delte Printed/Typad Name Signature 10. Description Space 10. Description Space Signature Signature Signature Month Day Month Day 10. Description Space	Ĕ	ļ			
G. Additional Descriptions for Materials Listed Above 1.1. 2.5.6.2 1.1. 1.1. 1.1. 1.1. 1.1. 1.1. 1.1. 1	E		 		
d. d. d. d. d. diddonal Descriptions for Materials Listed Above 1. L.R. 2.5.6.2 1. L.R. 1.1.6. 1. L.R. 1.	A				
G. Additional Descriptions for Materials Listed Above 1.1.a. 2.5 6 2 1.1.b. 1.1.c. 1.1.d. 15. Special Handling instructions and Additional information Extency genancy Construct (\$25) 634-6555 BYXX.BND 10.6 ERMERATOR'S CERTIFICATION: Thereby cariffy that the contents of this implement are halfy and accounterly described and are in all respects in proper condition for transport. The immeries described on this mannless are not subject to federal insurance waster agriculture. Printed Typed Name Printed Typed Name Printed Typed Name Signature Month Day 19. Discrepancy Indication Space 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. 19. Discrepancy Indication Space	0				+-
11. 2. 18. 2. 18.2 11. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		·			
15. Special Handling Instructions and Additional Information Extract granting Constitute, (S25) 632-6856 DYXXBHD 16. GENERATOR'S CERTIFICATIONS I haveby 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. Determined Typed Name Printed Typed Name Signature Signature Month Day 19 Typinepother 2 Acknowledgement of Receipt of Materials Date Printed Typed Name Signature Signature Month Day 19 Discrepancy Indication Space 19. Discrepancy Indication Space Signature Signature Month Day Month Day Month Day 19 Discrepancy Indication Space	G. Additional Descriptions for Materials Listed Above	L	H. Handling Cod	es for Wastes Listed Abo	ve
Exercy genery Contract. (\$25) 634-6858 DITLEND IUSA 1.0034-0016 IUSA 1.0034-0016	llb.				
Exercy genery Contract. (\$25) 634-6956 DELLEND IUSA 1993-0916 1995			<u></u>		
Printed/Typed Name P. DILLAND PRIN ARCA 17. Transports/1 Acknowledgement/of Receipt of Materials Printed/Typed Name Signature Month Day 18/ Transports/2 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Month Day 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 Month Day 19. Discrepancy Indication Space	Emergency Contact (925) 634-6856 DILLED		•	•	
Printed/Typed Name P. DILLAND PRIN ARCA 17. Transports/1 Acknowledgement/of Receipt of Materials Printed/Typed Name Signature Month Day 18/ Transports/2 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Month Day 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 Month Day 19. Discrepancy Indication Space			7 <i>Mel M</i> e		
Printed/Typed Name Printed/Typed Name Printed/Typed Name Signature Signature Month Day 18 Totansporter 2 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Month Day 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 Month Day Month Day 19 Discrepancy Indication Space	16. QENERATOR'S CERTIFICATION: I hereby cartify that the contents of this shipment are fully and a in proper condition for transport. The materials described on this manifest are not subject to federal	accurately described and are in hazardous waste regulations.	all respects	COT DESCRIPTION OF THE PROPERTY OF THE PROPERT	
Printed/Typed Name 18/Tgensporter 2 Acknowledgement of Receipt of Meterials 18/Tgensporter 2 Acknowledgement of Receipt of Meterials 18/Tgensporter 2 Acknowledgement of Receipt of Meterials Date Printed/Typed Name Signature Month Day 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 Month Day Month Day 19. Discrepancy Indication Space		- de 1			Date
17. Transported 1 Acknowledgement of Receipt of Metarials Printed/Typed Name 18/Transported 2 Acknowledgement of Receipt of Materials Printed/Typed Name 18/Transported 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day 19. Discrepancy Indication Space 20. Facility Owner or Operator, Certification of receipt of the weste materials covered by this manifest, except as noted in fiem 19. Printed/Typed Name Signature Month Day Month Day 19. Discrepancy Indication Space		(1) (1)		Мо	nth Day
Printed/Typed Name Printed/Typed Name Signature Signature Month Day 18/Transporter 2 Acknowledgement of Receipt of Meterials Date Printed/Typed Name Signature Month Day 19. Discrepancy Indication Space 20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in flem 19. Printed/Typed Name Signature Month Day Date Printed/Typed Name Signature Month Day Month Day Signature Signature Month Day Month Day Signature Month Day Signature Month Day Month Day Signature Signature Month Day Month Day	T 17. Transporter 1 Acknowledgement/of Receipt of Materials	J-17 1		7	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 flem 19. 20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in flem 19. 1 Date 1 Printed/Typed Name (Signature) Mg/hth - Pay.	Printed Types Name Signature Signature 18/Tryshopother 2 Acknowledgement of Receipt of Maharials	Mado	phy.j	Wa 1	oth Day
19. Discrepancy Indication Space 20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in flem 19. 20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in flem 19. 1 Date 1 Printed/Typed Name (Signature) Mg/hth - Pay.	Printed/Typed Name Signature		······································	, Mo.	nth Day
Date T Printed/Typed Name (Signature) / Mg/nth - Pay.		······································	***************************************	Ţ.	
T Printed/Typed Name Signature Signature Mg/hth - Day	20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest,	except as noted in item 19.			
	L			" •	B4-



TNCORPORATED 9999-South Austin Road/WFIGHINGLOCATION: P.O. Box 6336 Manfeca: CA 95336 Landfill: (209) 982-4298 / WEIGHING LOCATION: Main Office: (209) 466-4482 Fax: (209) 465-0631 LYCE TO RESOURCE RECOVERY: (209) 982-4936 LYCE TO RESOURCE RE	STEP SERVICE S
Firms Weight Sold on the Ethiel Tare Weight Sold Sold St. De 16-48 To Seld Sold Sold Sold Sold Sold Sold Sold So	DARLAND Indums - ELECTIONET
H: TOUR STATE OF COURSE SOIL	
WEIGHMASTER CERTIFICATE THIS IS TO CERTIFY That, the following described commodity was weighed, in on this certificate, who is a tecognized authority of accuracy, as prescribed by Chapter 7, (commencing and mediasions code, administered by the Division of Measurement Standards of the California Department	Jeastured, or counted by a weighmaster, whose signature is 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.
Winifest hass	SECHECIONO SELECTION OF SELECTI

DRIVER'S SIGNATURE _______

ase print or type (Form designed for use on elite (12 pitch) typewriter)			,	
NON-HAZARDOUS 1. Generator's US EPA ID No. WASTE MANIFEST		Manifest Document No		2. Page 1
			49314) or <u>*</u>).
A SELECTION OF THE PROPERTY OF				
ARCI #4931 PO BOX 9087 731 W. MACARTHUR "LOS ARGELES, CA 90809				
Frankry starts. (*15				
<u> </u>		4 5		•
·	j	A. State Trans	`````````````````	
PLITYDD ERAINIBHEALNY SALE C V D 0 8 5 4 5 3	# 3 7	B. Transporte		i) 634–6830
7. Transporter 2 Company Name 8. US EPA ID Number		C. State Trans	sporter's ID	
		D. Transporte	r 2 Phone	····
9. Designated Facility Name and Site Address + 10. US EPA ID Number		E. State Facili	ty's ID	
FURWARD ISC. LARDFILL				
9999 SOUTH AUSTIN ROAD MANITCA, CA 95336		F. Facility's Pt	none t "	
TATABATE CATABATA	80	(209)	182-4208	
11. WASTE DESCRIPTION	12 Coi	rtainers	13. Total	14. Unit
11, WASTE DESCRIPTION	No.	Туре	Quantity	Wi./Vol.
and non worth thr. with the	1 1		nn 18.	- 1
FOR RAN ROLL, (pf: 2582)	001	~ pr	0018	X
b.				
	((}
b.	 			
	}. {	İ		1 /
	[[į		1
d.	<u> </u>	·		
		·)] ·
	 	[1
O Adam and David Control Adams and A				
G. Additional Descriptions for Materials Listed Above	1	n. Handling Co	des for Wastes Listed Abo	ove
G. Additional Descriptions for Materials Listed Above	`{			•
4 T'25.	ł			•
Lië. Lid.	- 1	*		-
1.1.01.	Se .			~
15. Special Handling Instructions and Additional Information	, .			•
Emergency Contact (925) 634-6850 DIXLAMS				
June 1004-006				
*				
	يه			Ψ.
46 CCAPDATODIS CENTERATION: I because on the that the contents of this adjunction of the analysis is described.	and one in a	l racnante		National Sections (1985)
10. GENERATOR OCER IFICATION: I nereby certify that the contents of this shipment are tally and accurately described a	ILO RIGHT BI	i ioobacra		
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described a in proper condition for transport. The materials described on this manifest are not subject to federal hazardous weste region.	niations:	Поороско		F
In proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste reg	ulations.		<u></u>	Date
	uiations.		Mor	Date
Printed/Typed Name Signature	ulations.		. Mor	
Printed/Typed Name P: DILLAND PEN ARCH	uiations.	,	Mor	th Day Year
Printed/Typed Name P. DILLAND PER ARCE 17. Transporter 1 Acknowledgement of Receipt of Materials	urations.		/	Juh Day Year Date
Printed/Typed Name P. DILLAND PEN ARCT 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature	uriations.			nth Day Year Date Day Year
Printed/Typed Name P. DITLAND PEN ARCE 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Signature	uriations.		/	ph Day Year Date Date Day Year Day Year
Printed/Typed Name P. DILLARD PEN ARCT 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name FUR MINISTRUM Signature 18. Transporter 2 Acknowledgement of Receipt of Materials	uriations.		Mor	ph Day Year Date Date Date Date
Printed/Typed Name P. DITIAND PEN ARTS 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Signature	ulations.	-	/	Date Date Date Date Date Date
Printed/Typed Name P. DITLAND PEB ARCT 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Signature Signature Signature	unations.		Mor	ph Day Year Date Date Date Date
Printed/Typed Name P. DITLETO PER MECT 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Signature	unations.		Mor	ph Day Year Date Date Date Date Date
Printed/Typed Name P. DILLAND PEN ARCT 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Signature Signature Signature	unations.		Mor	ph Day Year Date Date Date Date Date
Printed/Typed Name P. DILLARD PEB ARCT 17. Transporter 1 Acknowledgement of Receipt of Malerials Printed/Typed Name Signature Signature 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Signature	unations and the second		Mor	nth Day Year Date Date Date Date Date Date
Printed/Typed Name P. DITLETT PER ARCT 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Signature 19. Discrepancy Indication Space	M.		Mor	ph Day Year Date Date Date Date
Printed/Typed Name P. DITTARTO PEN ARCE) 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Signature 19. Discrepancy Indication Space	M.		Mor	ph Day Year Date Date Date Date
Printed/Typed Name P. DITLETT PER ARCT 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Signature 19. Discrepancy Indication Space	M.		Mor	Date Date Date Date Date Date Date Date
Printed/Typed Name P. DILLARD PER ARCH 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Signature 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature 19. Discrepancy Indication Space	M.	West of the second	Mor	Date Date Date Date Date Date Date Date Date



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

-- FD02592

ETEVE RETEHOO

DILLARD ENVIRONMENTAL

POST OFFICE BOX 575

AYRON, CA 29451A

Confracti ESGE#

18.90

Brose Weight 68,780.00 LB

CLASE IT FOVER SOU

Stored lare Weight 31 120 00 LB

111

Mes Weight 31,840.00 LB 15,93 To

SHEEL STATE SHEET STATE OF SHEET STATE OF SHEET SHEET STATE OF SHEET SHE

-	A STAN	c Printer			内部数	12 July 2 7 3 4	The property	<u>૽૽૽૽ૢ૽૱૽૽૽૽ૺૺ૱૽ઌૺૡ૽</u>
4	3 10 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 2 3 W 2 2 0	(2) 64 (12) (2)	CONTRACTOR.	Casher Treatment (CCD-27)	The second second	∵	TAL
200	RA	TE	SEEX I	NOIN	G 20 20 1	TAX	3.50	Carrie and
	金小数	gui en Silvanige		- Marie - 1884	4 9.30	ar are facilities	1 - 1 A	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			The second	3 2 E		100 pt 1 1 1 1	
\$1.20 M			2	数门流		r with the second	F 18.2 E	
金点	2.3	- St. 26				er verdige er er er er er er er er er er er er er		50000000000000000000000000000000000000
		200	135,76			F		
			7.5	10 2 10	製き物	ing and the second		
34 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		: 法関约:		"沙"往還				

THE WIND STRENGE TRUKE

WEIGHMASTER CERTIFICATE: THIS IS THE CERTIFY THAT The following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with section 12700) of Division 5 of the California Business on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with section 12700) or Division 5 of the California Department of Food and Agriculture.

MANIFEGT #

Mint My /=

DRIVER'S SIGNATURE

55/1	NON-HAZARDOUS	1. Generator's US E	PAID No.		Manifest	, 有量學 70 %	2. Page 1
	WASTE MANIFEST	MISTE.	ALEVELKE: BLEEFER	"Y %%	Document No		of
h	3. Genérator el Name and Malling Address	5-X4-X1-E1	20 KOZ 9087	· · · · · · · · · · · · · · · · · · ·	1	······································	
4	THE W. MACARTHUR BLUD		LIN AMERICA, CA	90009	1		
	DARKARD, CA		PART, SEPPLE				
	(975) 945 [10]	5			Ţ	ı	
-			6. ". " JJS EPA JD Nyi	mher	A. State Trans	Property ID:	
٩	5. Transporar 1. Company Name and Table 87	C#	e. C V As Eby B vil	"" 7 7 4 7 7		F-16 25 V 1	有"在非一种态"
ķļ-	7. Transporter 2 Company Name		8. US EPA ID Nu		B. Transporter		
ğ	7. Transporer 2 Company Name		8. US EPA ID Nu	mber	C. State Trans		
]_					D. Transporte		
Ž	Resignated Facility Name and Site Address		10. US EPA ID Nu	mber	E. State Facili	ly's ID	
4	LOGGO ALTAMONT PASS RURD LIVERMUNE, CA 94550	•				·	
铯	tak maaningana pi inga arasanta	٠	.C & V 9 B L 3	87732	F. Facility's Pl	1908 - 5345	
ř.							
	11. WASTE DESCRIPTION			12. Co	entainers	13.	14
				No.	Type	Total Quantity	Un Wt./
Š.	a. Beer man Street, tel. 1343	C234603			 	****	_
g			*	00	pr	8 8 6 7 7 8	1 4
				, as we] ~~ *	-0 10 50 50 7T	"
4	b.				 		
	U.		4	Ì) '		
	•		,	1	! !		}
ŀ			,			· · · · · · · · · · · · · · · · · · ·	
1	c.			}]]		
				. .	1		j
5							
1	d.						
ŧ.				1) }		
ì	G. Additional Descriptions for Materials Listed Above Like. 5 5 L. L. & 8 0 0						
						,	
	11a. 55112800 11b. 11c.			į		y	
	11a. 55112800 13h. 11c. 11d		WTT 7 AUS			3	
	11a. 55112800 11b. 11c.	718 ¹ 93-685N	PELSAND			\$	· · · · · · · · · · · · · · · · · · ·
	Let. 55112800 3.14: 11.et 15.epocial Handling Instructions, and Additional Info	718 ¹ 93-685N	PILLAND			\$	· · · · · · · · · · · · · · · · · · ·
	Let. 55112800 3.14: 11.et 15.epocial Handling Instructions, and Additional Info	718 ¹ 93-685N	於其其學習的			,	· · · · · · · · · · · · · · · · · · ·
	Let. 55112800 3.14: 11.et 15.epocial Handling Instructions, and Additional Info	718 ¹ 93-685N	PELLAND			3	
	Let. 55112800 3.14: 11.et 15.epocial Handling Instructions, and Additional Info	718 ¹ 93-685N	ertaan e			,	
	1.6. 55.1.1.2800 3.16. 3.16. 3.16. 15.2000000000000000000000000000000000000	798 ¹ 93 - 68 5 N		laby described and are to	all respects	;	
	Let. 55112800 3.14: 11.et 15.epocial Handling Instructions, and Additional Info	798 ¹ 93 - 68 5 N		lely described and are in a dous waste regulations.	ali respects	;	
	1.6. 55.1.1.2800 3.16. 3.16. 3.16. 15.2000000000000000000000000000000000000	798 ¹ 93 - 68 5 N		isty described and are in a dous waste regulations.	ali respects	·	
	15. Special Handling Instructions, and Additional Information of the State of the S	798 ¹ 93 - 68 5 N	his shipment are fully and accural stare not subject to federal bases	sely described and are in a dous waste regulations.	ali respects		Date
	1.6. 55.1.1.2800 3.16. 3.16. 3.16. 15.2000000000000000000000000000000000000	798 ¹ 93 - 68 5 N		isly described and are in a dous wastly regulations.	ali respects	, , , , , , , , , , , , , , , , , , ,	
	15. Special Handling Instructions, and Additional Information of the 1991 1991 1991 1991 1991 1991 1991 19	gnation 6550	his shipment are fully and accural stare not subject to federal bases	lety described and are in a dous waste regulations.	ali respects		
	15. Special Handling Instructions, and Additional Information of the State of the S	gnation 6550	his shipment are fully and accural stare not subject to federal bases	lely described and are in a dous waste regulations.	ali respects		
	15. Special Handling Instructions and Additional Information of The TOTAL THE TOTAL THE TOTAL THE TOTAL THE PROPERTY CONTINUES OF THE ASSETS OF THE PROPERTY O	gnation 6550	his shipment are fully and accural stare not subject to federal bases	isly described and are in a dous waste regulations.	ali respects		Date th Day
	15. Special Handling Instructions and Additional information of The TOTAL TOTA	gnation 6550	this shipment are fully and accurated a remot subject to federal bases. Signature	tely described and are in a dous waste regulations.	7	Moch) 29 i
-	15. Special Handling Instructions and Additional Information of The TOTAL THE TOTAL THE TOTAL THE TOTAL THE PROPERTY CONTINUES OF THE ASSETS OF THE PROPERTY O	gnation - 5550 172 fly that the contents of escribed on this manife	this shipment are fully and accurated a remot subject to federal bases. Signature	tely described and are in a doue waste regulations.	7	Mont.	Date th Day
-	15. Special Handling Instructions, and Additional Information of the 1002-005 UPS 05-3390 16. GENERATOR'S CERTIFICATION: I hereby cert in proper condition for transport. The materials de Printed Typed Name OAMED 17. Transporter 1 Acknowledgement of Receipt of Me Printed Typed Name OAMED	gnation - 5550 172 fly that the contents of escribed on this manife	this shipment are fully and accurated a remot subject to federal bases. Signature	isty described end are in a dous waste regulations.	7	Mont.	Date Day Date Date
-	15. Special Handling Instructions and Additional Information of The TOTAL THIS USE THE STORY 16. GENERATOR'S CERTIFICATION: I hereby cert in proper condition for transport. The materials described the proper of Administration of Materials of Materials of Name American Administration of Materials of Name American Administration of Materials of Name American Administration of Materials of Name American Administration of Materials of Name American Administration of Materials of Name American Ame	gnation - 5550 172 fly that the contents of escribed on this manife	this shipment are fully and accurated are not subject to federal bases. Signature Signature	tely described and are in a dous waste regulations.	7	Mohi LO	Date Day Date Day Date
	15. Special Handling Instructions and Additional Information of The TOTAL THIS USE THE STORY 16. GENERATOR'S CERTIFICATION: I hereby cert in proper condition for transport. The materials described the proper of Administration of Materials of Materials of Name American Administration of Materials of Name American Administration of Materials of Name American Administration of Materials of Name American Administration of Materials of Name American Administration of Materials of Name American Ame	gnation - 5550 172 fly that the contents of escribed on this manife	this shipment are fully and accurated are not subject to federal bases. Signature Signature	tely described and are in a dous waste regulations.	7	Mohi LO	Date Day Date Date
-	15. Special Handling Instructions, and Additional Justice 17. The Instructions and Additional Justice 17. Transporter 1 Acknowledgement of Receipt of Mc Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Mc Printed/Typed Name	gnation - 5550 172 fly that the contents of escribed on this manife	this shipment are fully and accurated are not subject to federal bases. Signature Signature	tely described and are in a dous waste regulations.	7	Mohi LO	Date Day Date Date
-	15. Special Handling Instructions, and Additional Justice 17. The Instructions and Additional Justice 17. Transporter 1 Acknowledgement of Receipt of Mc Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Mc Printed/Typed Name	gnation - 5550 172 fly that the contents of escribed on this manife	this shipment are fully and accurated are not subject to federal bases. Signature Signature	sely described and are in a dous waste regulations.	7	Mohi LO	Date Day Date Day Date
-	15. Special Handling Instructions, and Additional Information of The LOCAL CONTROL OF THE STATE	gnation 5850	his shipment are fully and accurated at are not subject to federal bases. Signature Signature		7	Mohi LO	Date Day Date Day Date
	15. Special Handling Instructions, and Additional Justice 17. The Instructions and Additional Justice 17. Transporter 1 Acknowledgement of Receipt of Mc Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Mc Printed/Typed Name	gnation 5850	his shipment are fully and accurated at are not subject to federal bases. Signature Signature		7	Mohi LO	Date Day Date Day Date
-	15. Special Handling Instructions, and Additional Information of The TOTAL TIME TO STATE TO S	gnation 5850	Signature Signature Signature		7	Mohi LO	Date Day Date Day Date
	15. Special Handling Instructions, and Additional Information of The LOCAL CONTROL OF THE STATE	gnation 5850	his shipment are fully and accurated at are not subject to federal bases. Signature Signature		7	Mohi LO	Date h Day Date h Day Date h Day

CF14

Attachment E Unauthorized Release Report (Not Required For This Site)