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Transmittal/Memorandum

To: Ms. Susan Hugo
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From: Gregory Murphy 

Date: July 10, 1992

Subject: Underground Storage Tank Removal and Soil Sampling
ARCO Facility No. 771
899 Rincon Avenue
Livermore, California

Job No.: A135W01

Remarks: Enclosed is a copy of the subject final report for your records.

cc: Mr. Michael Whelan, ARCO Products Company
Mr. Chris Winsor, ARCO Products Company
Mr. Richard Hiett, Regional Water Quality Control Board
Mr. Joel Coffman, RESNA

**UNDERGROUND STORAGE TANK
REMOVAL AND SOIL SAMPLING**

ARCO Facility No. 771
899 Rincon Avenue
Livermore, California

July 1, 1992

Prepared for:

ARCO Products Company
P.O. Box 5811
San Mateo, California

Prepared by:

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TITLE: Underground Storage Tank Removal and Soil Sampling
ARCO Facility No. 771
899 Rincon Avenue
Livermore, California

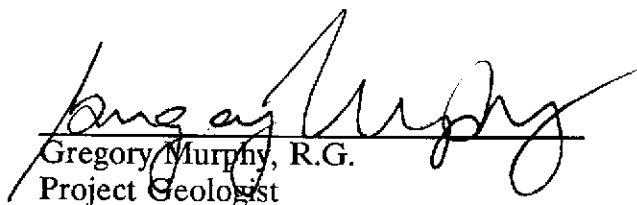
DATE: July 1, 1992

PROJECT NO: A135W01

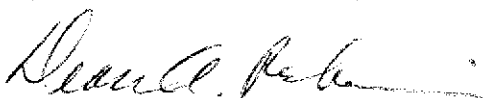
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This work was done under the direction of the undersigned California Certified Engineering Geologist.

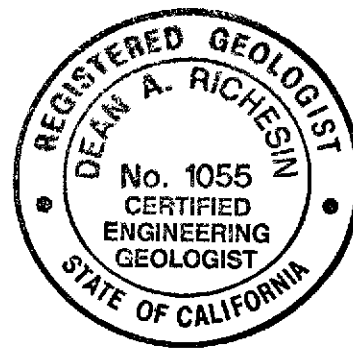
PREPARED BY:



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1.0 INTRODUCTION

This report describes the replacement of underground storage tanks (USTs) at ARCO Products Company (ARCO) Facility No. 771 located at 899 Rincon Avenue, Livermore, California (Site) and presents the results of soil sampling done in conjunction with the tank removal activities.

ARCO retained Roux Associates (Roux) to:

- Observe the excavation and removal of four USTs and associated product lines;
- collect and analyze soil samples;
- supervise the aeration and disposal of soil stockpiles; and
- prepare this report.

Roux performed the work under ARCO Task Order Number 771-91-1. Tank removal activities and associated Roux efforts were conducted between December 17, 1991 and March 26, 1992. The work performed by Roux was conducted by Roux geologists under the direction of Mr. Dean A. Richesin, California Certified Engineering Geologist Number 1055.

This report is organized in eight sections. Sections 1.0 through 4.0 provide Site background information including an introduction, a general Site description, the geology and hydrogeology of the Site, and a summary of previous investigations conducted at the Site. Section 5.0 describes tank and product line excavation, removal, soil sampling, tank and product line replacement, and laboratory analyses. Section 6.0 presents a summary of soil stockpile sampling, aeration and disposal activities. Section 7.0 describes the installation of conductor casings, vault boxes and associated piping, and Section 8.0 provides a summary of the tank replacement activities.

2.0 SITE DESCRIPTION

ARCO Facility No. 771 is an operating self-service gasoline station and ARCO AM/PM mini-market located at the southwest corner of the intersection of Rincon Avenue and Pine Street in Livermore, California (Figure 1). The Site is a relatively flat asphalt and concrete covered lot, at an elevation of about 450 ft. above mean sea level (USGS, 1980). Topography in the Site area slopes toward the west.

The removed tanks included four **single-wall USTs** (one 10,000-gallon fiberglass UST, one 6,000-gallon fiberglass UST, and two 4,000-gallon steel USTs) formerly located in a common tank cavity southeast of the ARCO AM/PM building (Figure 2). Currently, Site features include an ARCO AM/PM building, two pump islands, and four newly installed, double-wall 10,000-gallon fiberglass USTs located at the south end of the Site.

3.0 GEOLOGY AND HYDROGEOLOGY

The Site is located in the Livermore Valley, an east-west trending basin in the Coast Ranges of Northern California. The Valley is drained by several west flowing perennial and intermittent streams. The Site is located about **0.5 miles north of Arroyo Mocho and about 0.5 miles south of Arroyo Las Positas** (Figure 1). Shallow subsurface deposits underlying the Site consist of late Pleistocene alluvium composed of poorly consolidated alluvial fan deposits made up mostly of **gravel and sand with some silt** (Helley, et al., 1979).

Native soils encountered in excavations completed at the Site during tank replacement activities and in soil borings previously drilled at the Site consisted **predominantly of sandy gravel and clayey gravel interbedded with sandy clay to a depth of 51 ft. below ground surface (bgs)** (RESNA, 1991). Shallow ground water measured in monitoring wells at the Site occurs at about **37 ft. bgs, with a flow direction generally toward the west** (RESNA, 1991).

4.0 PREVIOUS INVESTIGATIONS

In August 1987, a **waste oil tank** was removed from the Site (Figure 2). Soil containing petroleum hydrocarbons in the area of the waste oil tank was over-excavated and removed from the Site (Brown and Caldwell, 1987).

Prior to the replacement of the USTs, Applied GeoSystems conducted a preliminary tank replacement assessment in February, 1990. Three soil borings were drilled, and evidence of **petroleum hydrocarbons in the soil was discovered**. Applied Geosystems carried out additional investigations at the Site in 1990 and 1991. In the course of these investigations, several additional soil borings were **drilled and seven ground water monitoring wells** were installed on the Site property (Figure 2). Soil borings drilled by RESNA are not indicated on figures contained in this report. The findings of subsurface investigations completed prior to the tank removal activities were summarized by RESNA (1991).

RESNA submitted an Interim Remedial Action Plan to the Alameda County Department of Environmental Health (ACDEH) in January, 1992, outlining plans for the initial phase of remediation at the Site.

5.0 TANK EXCAVATION, REMOVAL AND SAMPLING

This section describes the following activities:

- Excavation and Tank Removal
- Soil Sampling Below Removed Tanks
- Removal, Sampling and Excavation of Product Lines
- Laboratory Analyses

A chronological summary of Site activities is provided in Appendix A.

5.1 Excavation and Tank Removal

Golden West Environmental Services of Brentwood, California (Golden West) began the excavation needed to remove **the old gasoline tanks on December 27, 1991**. The pavement overlying the old tanks was cut and removed, and the soil in the tank cavity was excavated down to the tops of the USTs. The pea gravel surrounding the fiberglass USTs and the sand surrounding the steel USTs were removed from the cavity and stockpiled on-site.

On the morning of December 30, 1991, Golden West placed dry ice in the four USTs to prevent hydrocarbon vapor ignition during removal and transportation. Hydrocarbon vapors in the tanks were monitored for the presence of explosive conditions by Golden West. Vapor levels were determined to be within acceptable limits for removal by Ms. Danielle Stefani of the Livermore Fire Department.

Golden West removed each UST by attaching chains to the top of the tank and lifting it with an excavator. After removal, each tank was inspected by Ms. Susan Hugo of the ACDEH and Roux. The steel tanks all appeared to be in good condition. The 10,000-gallon fiberglass tank was cracked on the top side apparently during tank removal activities. The four USTs were loaded onto H & H Ship Services Company (H & H) trucks and transported from the Site to H & H's facility in San Francisco, California.

5.2 Soil Sampling Below Removed Tanks

Roux collected samples from the native soil at the base of the tank cavity immediately following the removal of the USTs. **Eight samples** were collected from below the removed tanks at locations selected by Ms. Susan Hugo of the ACDEH (Figure 3). **Two soil samples** were collected from below each removed UST at a depth of **14 to 16 ft. bgs** which is about 1 to 2 ft. below the contact between the tank backfill and native soil.

Soil from the bottom of the excavation was brought to the surface in the bucket of the excavator. Soil samples were then collected in clean, stainless steel tubes measuring 2-inches in diameter by 4-inches long. Three to twelve inches of loose soil were scraped away from the surface. The steel tube was then driven into the exposed soil surface and filled completely so that no headspace remained in the tube at either end. Immediately after filling, each end of the tube was covered with aluminum foil and a plastic cap, then sealed with duct tape. The samples were labeled with the project name, time, date, sample designation, and sampler's initials and placed

in a plastic bag. The samples were then stored on ice in a closed cooler chest and delivered to the laboratory. Chain-of-Custody documentation was maintained for all samples (Appendix C).

After the samples were collected, Golden West installed steel sheet piles as shoring around the perimeter of the new UST cavity, and removed all of the soil inside the shoring to a depth of about 18 ft. At the request of the ACDEH, Roux collected six additional soil samples from a depth of about 18 ft. bgs in the shored excavation using the same procedures as outlined above. The soil samples were collected on January 21, 1992, at locations selected by Ms. Susan Hugo of ACDEH (Figure 4).

5.3 Removal, Sampling and Excavation of Product Lines

Excavation and removal of the product lines and sampling of the soil beneath the removed lines took place on February 7, 1992. Roux collected eight soil samples from the bottom of the product line trenches at locations selected by Ms. Susan Hugo of the ACDEH (Figure 3). One sample was collected in the product line trench between the pump islands and the tank excavation. The remaining seven soil samples were collected from the product line trenches in the pump island area. All of the samples were collected at a depth of about 2 ft. bgs and were prepared for transport to the laboratory in the same manner utilized when sampling below the removed USTs.

Laboratory analyses of two of the eight soil samples collected on February 17, 1992 from below the removed product lines indicated elevated concentrations of petroleum hydrocarbons.

Therefore, on February 18, 1992, Roux collected two additional soil samples below sample locations L2 and L7. Samples L2B and L7B (corresponding to the areas represented by samples L2 and L7, respectively) were collected at a depth of about 5 ft. bgs. Samples were collected and prepared for transport to the laboratory in the same manner utilized when sampling below the removed USTs. With the approval of ACDEH, new product line piping was installed in the trenches after the samples were collected.

5.4 New UST Installation

The former tank complex was enlarged and extended to the west to accommodate the new tanks (Figure 4). Golden West installed the new USTs on January 22, 1992. Four new double-walled fiberglass USTs were installed in a common tank complex located immediately south of the station building. A crane was used to place the new USTs in the excavated pit. The tanks were then covered with pea gravel to their tops, and the product lines and associated plumbing and wiring were installed. A concrete slab was installed at the ground surface over the backfilled new tank complex. As-Built drawings of the new USTs and piping systems will be prepared by Barghausen Consulting Engineers, Inc., of North Highlands, California (Barghausen). Barghausen will submit a copy of the As-Built drawings to the ACDEH once they have been completed.

5.5 Laboratory Analyses

All soil samples collected during this investigation were delivered for chemical analyses to Sequoia Analytical (Sequoia) of Concord, California, a State certified laboratory. The samples collected from the UST cavities and the product line trenches were analyzed for the following compounds:

- Total petroleum fuel hydrocarbons as low to medium boiling point hydrocarbons (TPH-G) by U.S. Environmental Protection Agency (USEPA) Method 8015, and
- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by USEPA Method 8020.

The samples collected from the new UST cavity and the product line trenches were also analyzed for organic lead by the method described in the California LUFT Manual (12/87).

Table 1 summarizes the laboratory analytical data for the soil samples collected from the UST cavities and the product line trenches. A total of eight soil samples were collected from the former tank cavity, six were collected from the new tank cavity, and ten were collected from the product line trenches. Laboratory analytical reports are presented in Appendix B.

6.0 EXCAVATED SOIL STOCKPILING, SAMPLING AND DISPOSAL

6.1 Soil Stockpiling and Sampling

The pea gravel and sand fill material and native soil excavated from the former UST cavity and product line trenches were stockpiled on the Site. The stockpiles were sampled and analyzed to determine petroleum hydrocarbon concentrations for disposal purposes.

Roux collected **four soil samples from each 50 cu. yds. of stockpiled soil**. Six to twelve inches of soil were scraped away from the surface of the stockpile to prepare the soil for sampling. Samples were collected from the newly exposed surface. Stockpile samples were collected in stainless steel tubes and prepared for transport to the laboratory in the same manner utilized when sampling below the removed USTs and product lines.

The stockpile samples were delivered to Sequoia for chemical analyses. Chain-of-Custody documentation was maintained for all samples. Sequoia combined each set of four samples into one composite sample for analysis. All composite samples were then analyzed for TPH-G by USEPA Method 8015 and BTEX by USEPA Method 8020.

Table 2 summarizes the laboratory analytical data for the stockpile samples. Laboratory analytical reports are presented in Appendix B and Chain-of-Custody documentation is contained in Appendix C.

6.2 Aeration and Disposal of Stockpiled Soil

Disposal options for each soil stockpile were evaluated by Roux and ARCO following receipt of laboratory analytical data. The laboratory analytical data for the former tank cavity soil stockpiles containing less than 100 mg/kg TPH-G were provided to the Browning Ferris Industries' Class III landfill in Livermore, California (BFI). Following approval from BFI, the former tank cavity soil stockpiles containing less than 100 mg/kg TPH-G (approximately 600 cu. yds.) were removed from the Site on January 14 and 15, 1992 by Dillard Trucking of Byron, California (Dillard), and transported to the BFI facility.

The former tank cavity soil stockpiles that contained greater than 100 mg/kg TPH-G were aerated at the Site following procedures outlined by the Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 40. The BAAQMD was notified of the aeration plans on January 2, 1992, and aeration of the soil stockpiles began on January 15, 1992. After aeration for variable time periods, each 50 cu. yds. of soil was resampled. A total of eight composite samples were collected and analyzed in the same manner as the pre-aeration soil stockpile samples. Laboratory analytical reports are contained in Appendix B and Chain-of-Custody documentation forms are in Appendix C.

Once laboratory analyses indicated the TPH-G concentration of an aerated soil stockpile was reduced to less than 100 mg/kg, the laboratory analytical data for the aerated soil stockpile was provided to BFI. Following landfill approval, the aerated soil stockpiles were removed and transported by Dillard to the BFI facility. Removal of the aerated soil from the Site was completed on February 3, 1992. A total of about 1,100 cu. yds. of soil was disposed of at BFI. Disposal documentation for all soil removed from the Site is given in Appendix D.

7.0 INSTALLATION OF CONDUCTOR CASINGS, VAULT BOXES AND PVC PIPING

To facilitate future investigations and potential remediation measures at the Site, conductor casings, vault boxes, and assorted horizontal piping were installed by Golden West concurrently with the installation of the new USTs and associated piping. Six 12-inch diameter, 18-foot long PVC conductor casings were installed between the new USTs (Figure 5). Currently, ARCO plans to drill soil borings and install vapor extraction wells through two of the conductor casings. The remaining conductor casings will allow access for confirmation soil borings after the soil below the tank cavity has been remediated.

Vault box and PVC piping locations were specified by RESNA as part of a proposed remediation system. Vault boxes were installed over five of the existing monitoring wells and at one location north of MW-7 where ARCO plans to drill soil borings, install vapor extraction and ground water monitoring wells, and install recovery systems. Assorted PVC piping was installed in subsurface trenches between several of the vault boxes. This piping may be used to connect wells to a soil and/or ground water treatment system.

8.0 SUMMARY OF RESULTS

This section is a summary of the results of the UST and piping replacement activities, and the soil sampling analytical data at the Site.

8.1 Tank Replacement

Four single-wall gasoline USTs and associated piping were removed, and four double-wall USTs and associated double containment piping were installed at the Site. The new USTs were installed in an area which overlaps and extends west of the former tank cavity.

8.2 Hydrocarbons in Soil Below the Former Tank Cavity

Laboratory analyses of eight soil samples collected from below the removed USTs at a depth of 14 to 16 ft. bgs indicated TPH-G concentrations ranging from not detected (ND) to 4,600 mg/kg, and BTEX concentrations ranging from ND to 1,100 mg/kg (Table 1). Soil sample T4A contains the highest concentrations of TPH-G and BTEX (Figure 3).

Laboratory analyses of the six samples collected from the base of the new UST cavity at a depth of 18 ft. bgs indicated TPH-G concentrations ranging from 1.4 to 830 mg/kg, and BTEX concentrations ranging from ND to 47 mg/kg. The highest concentrations of TPH-G were found in samples TP1 and TP6 (Figure 4), located near the fill ends of the former USTs numbered T2 and T4.

8.3 Hydrocarbons in Soil Below the Removed Product Lines

Concentrations of TPH-G in soil samples collected from below the removed product lines at a depth of two feet bgs ranged from ND to 750 mg/kg, and BTEX ranged from ND to 200 mg/kg. The two areas corresponding to the highest TPH-G concentrations (sample locations L2 and L7) were over-excavated to five feet bgs and resampled. Sample L2B contained 91 mg/kg TPH-G and sample L7B contained no detectable petroleum hydrocarbons (Table 1).

8.4 Disposal of Soil Stockpiles

Soil generated during tank replacement activities was stockpiled on-site and sampled (Table 2). Soil stockpiles containing less than 100 mg/kg TPH-G were transported to the BFI Class III landfill in Livermore, California (BFI) for disposal. Soil stockpiles containing greater than 100 mg/kg TPH-G were aerated on-site until the level of TPH-G was reduced below 100 mg/kg. After aeration, these soil stockpiles were transported to the BFI facility in Livermore, California, for disposal.

8.5 Installation of Conductor Casings, Vault Boxes and PVC Piping

Conductor casings, vault boxes and PVC piping were installed concurrently with the installation of the new USTs and associated piping (Figure 5). Conductor casings were installed between the new USTs to facilitate future drilling, sampling, and well installation within the tank cavity. Vault boxes were installed at locations where ARCO plans to drill soil borings or install wells and/or remedial systems. Assorted PVC piping was installed in subsurface trenches between the vault boxes so that the wells can be connected to remediation systems in the future.

9.0 REFERENCES

- Brown and Caldwell. 1987. Soil Sample Results for Waste Oil Tank Removal, ARCO Station 771. Report No. 17/3456-02/3. September 16, 1987.
- Helley, E.J., K.R. LaJoie, W.E. Spangle, and M.C. Blair. 1979. Flatland Deposits of the San Francisco Bay Region, California - Their geologic and engineering properties, and their importance to comprehensive planning. U.S. Geological Survey Professional Paper 943.
- RESNA. 1991. Additional Subsurface Investigation at ARCO Station 771, 899 Rincon Avenue, Livermore, California. October 17, 1991.
- State Water Resources Control Board. 1989. Leaking Underground Fuel Tank (LUFT) Field Manual: Guidelines for Site Assessment, Cleanup, and Underground Storage Tank Closure. October, 1989.
- U.S. Geological Survey. 1980. Livermore, California 7½-Minute Topographic Quadrangle.

**Table 1. Soil Sample Analytical Results
ARCO Facility No. 771, Livermore, California**

Sample Designation	Date	Depth (feet bgs)	TPH-G (1)	BTEX Distinction (1)				Organic Lead (2)
				Benzene	Toluene	Ethylbenzene	Xylenes	
<u>Former Tank Cavity</u>								
T1A	12/30/91	15	1,500	1.3	28	24	210	NA
T1B	12/30/91	15	1.4	0.019	0.015	0.0089	0.2	NA
T2A	12/30/91	16	1,900	1.3	9.4	8.6	94	NA
T2B	12/30/91	16	ND	ND	ND	ND	ND	NA
T3A	12/30/91	14	45	0.089	1.2	0.52	4.7	NA
T3B	12/30/91	14	1.3	0.0097	0.045	0.023	0.24	NA
T4A	12/30/91	14	4,600	28	470	170	1,100	NA
T4B	12/30/91	14	2.4	0.0095	0.050	0.041	0.33	NA
<u>New Tank Cavity</u>								
TP-1	1/21/92	18	100	ND	0.059	ND	1.4	ND
TP-2	1/21/92	18	2.6	0.0057	0.012	0.012	0.12	ND
TP-3	1/21/92	18	1.8	0.0058	0.011	0.0071	0.053	ND
TP-4	1/21/92	18	1.4	0.0052	0.02	0.0094	0.092	ND
TP-5	1/21/92	18	1.5	0.0062	0.036	0.016	0.14	ND
TP-6	1/21/92	18	830	ND	2.5	1.5	47	ND
<u>Product Line Trenches</u>								
L1	2/7/92	1.5	ND	ND	0.035	ND	ND	ND
L2	2/7/92	1.5	750	0.35	30	26	200	ND
L3	2/7/92	0.5	41	0.091	0.28	0.1	0.93	ND
L4	2/7/92	1.5	2.2	0.0093	0.52	0.011	0.061	ND
L5	2/7/92	1.5	ND	ND	ND	ND	ND	ND
L6	2/7/92	1.5	ND	ND	ND	ND	ND	ND
L7	2/7/92	0.5	600	ND	0.21	ND	26	ND
L8	2/7/92	1.5	1.2	ND	0.027	ND	0.0068	ND
L2B	2/18/92	5	91	ND	ND	ND	2.4	NA
L7B	2/18/92	5	ND	ND	ND	ND	ND	NA

FOOTNOTES

(1) = Concentrations reported in mg/kg (= parts per million).

(2) = Concentrations reported in mg/L (= parts per million).

TPH-G = Total Petroleum Fuel Hydrocarbons as Low/Medium Boiling Point Hydrocarbons (USEPA Method 8015).

BTEX Distinction (USEPA Method 8020).

Organic Lead by method described in California LUFT Manual 12/87.

ND = Not detected.

NA = Not analyzed.

bgs = below ground surface.

**Table 2. Summary of Soil Analyses: Soil Stockpiles
ARCO Facility No. 771, Livermore, California**

Sample Designation	Date	TPH-G (1)	BTEX Distinction (1)			
			Benzene	Toluene	Ethylbenzene	Xylenes
CS-1	12/30/91	42	ND	0.012	0.011	0.45
CS-2	12/30/91	190	ND	0.1	0.029	4.6
CS-3	12/30/91	19	ND	0.042	0.053	0.99
CS-4	12/30/91	120	0.047	0.3	0.28	12
CS-5	1/6/92	140	ND	0.052	0.06	4.3
CS-6	1/8/92	ND	ND	ND	ND	0.017
CS-7	1/8/92	4.2	ND	ND	ND	0.086
CS-8	1/8/92	5.1	ND	0.0066	0.0061	0.15
CS-9	1/10/92	3.2	ND	ND	ND	0.095
CS-10	1/10/92	7.2	ND	0.0062	ND	0.041
CS-11	1/10/92	9.0	ND	0.0086	ND	0.19
CS-12	1/10/92	14	ND	0.022	0.021	0.47
CS-13	1/10/92	7.5	ND	0.013	0.02	0.11
CS-14	1/10/92	26	ND	0.041	0.052	1.3
CS-15	1/10/92	3.3	ND	ND	ND	0.065
CS-16	1/10/92	440	ND	ND	0.56	25
CS-17	1/17/92	960	ND	6.4	5.2	73
CS-18	1/17/92	720	0.49	11	7.1	83
CS-19	1/17/92	650	0.38	9.8	6.2	72
CS-20	1/17/92	11	ND	ND	ND	0.17
ACS-4	1/23/92	20	ND	ND	ND	0.054
CS-21	1/30/92	11	0.032	0.0084	0.016	0.042
CS-22	1/30/92	7.2	ND	0.0088	0.01	0.062
ACS-17	2/4/92	69	ND	0.058	0.052	0.47
CS-23	2/18/92	6.3	0.011	0.014	0.0084	0.082
CSA-18	2/26/92	130	ND	0.12	0.072	1.2
CSA-19	2/26/92	93	ND	ND	0.042	0.37
CSAA-18	3/9/92	13	ND	0.0057	0.005	0.012

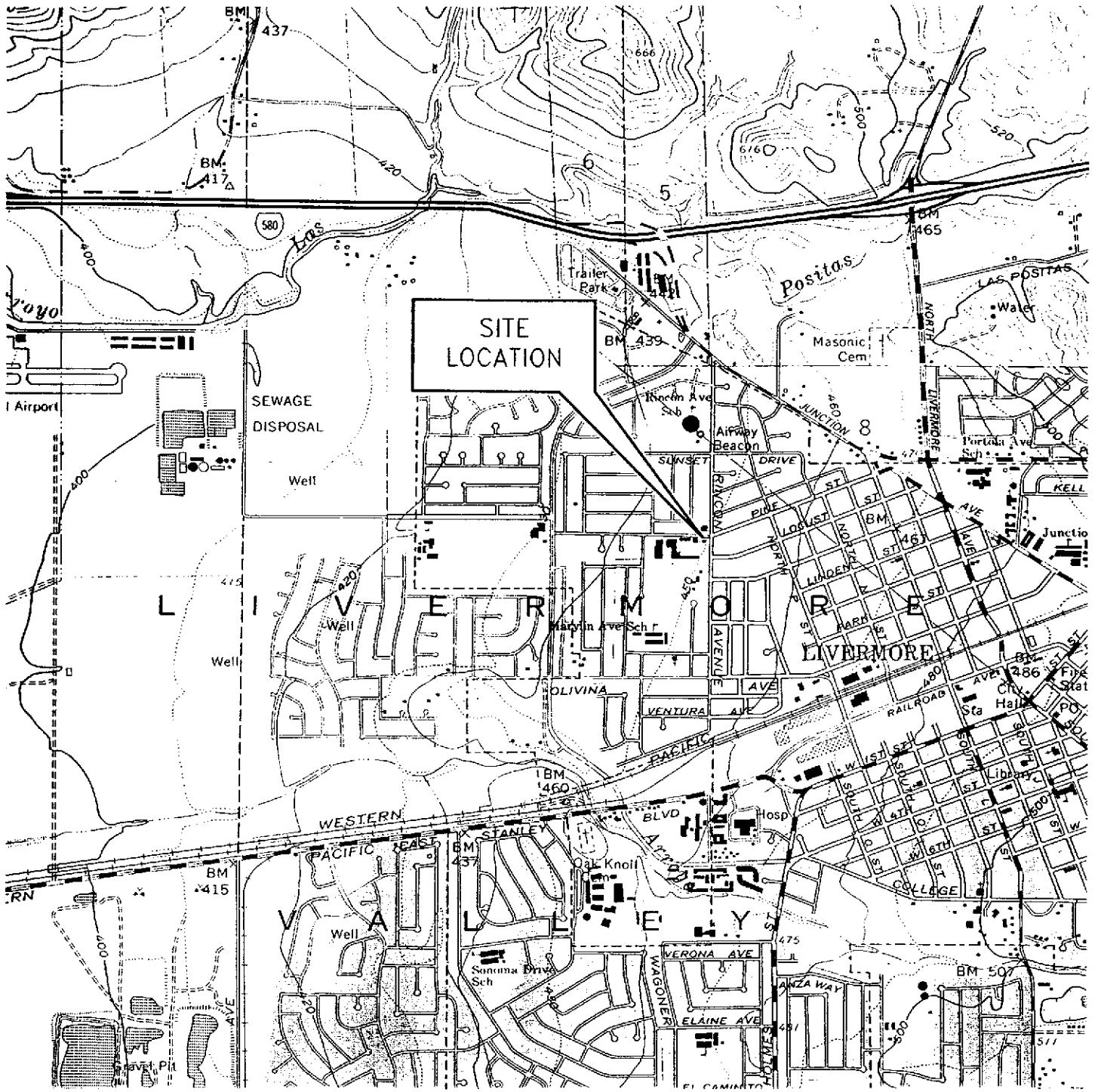
FOOTNOTES:

(1) = Concentrations reported in mg/kg (= parts per million).

TPH-G = Total Petroleum Fuel Hydrocarbons as Low/Medium Boiling Point Hydrocarbons (USEPA Method 8015).

BTEX Distinction (USEPA Method 8020).


ND = Not detected.

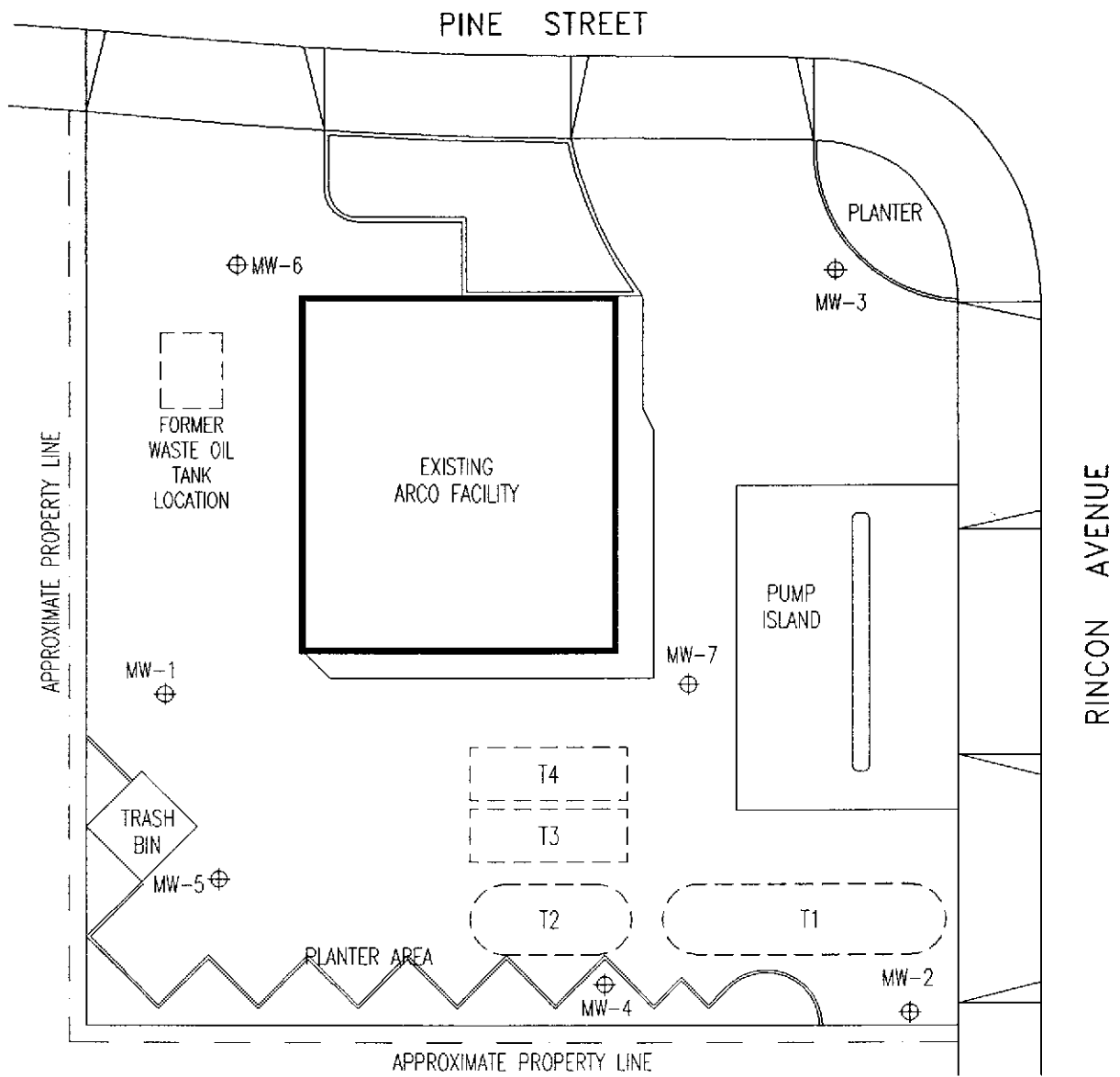


SOURCE:

USGS QUADRANGLE OF LIVERMORE, CA.
1980.



 ROUX ASSOCIATES ENVIRONMENTAL CONSULTING & MANAGEMENT	COMPILED BY: G.M.	PREPARED FOR: ARCO PRODUCTS COMPANY	FIGURE 1
	PREPARED BY: R.P.		
	PROJECT MNGR. G.M.	TITLE: SITE LOCATION MAP	
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	SCALE: AS SHOWN		
PROJECT NO. A135W01			
FILE NAME: 771_TOPO			



EXPLANATION

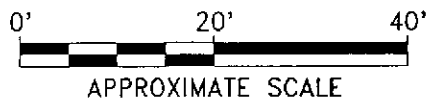
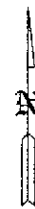
⊕ MW-5 MONITORING WELL LOCATION AND DESIGNATION

○ FORMER LOCATION OF UNDERGROUND STORAGE TANKS.

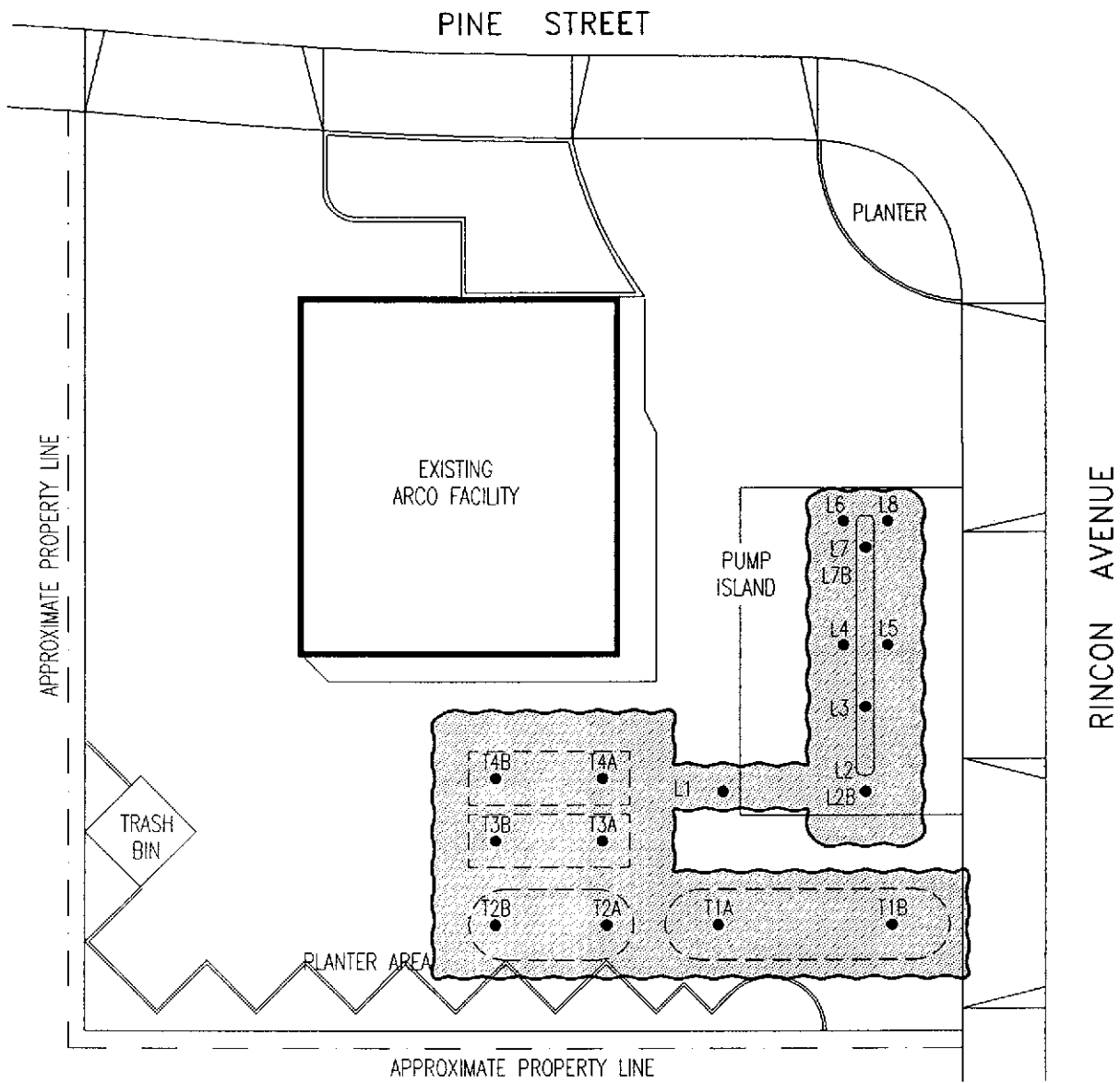
- T1 10,000 GAL. SUPER UNLEADED.
- T2 6,000 GAL. REGULAR.
- T3 4,000 GAL. UNLEADED.
- T4 4,000 GAL. UNLEADED.

SOURCE:



MAP MODIFIED FROM RESNA CONSULTANTS, 1991.

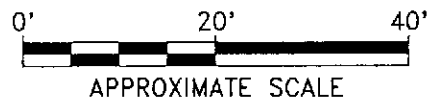
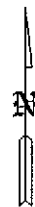


	COMPILED BY: G.M.	PREPARED FOR: ARCO PRODUCTS COMPANY	FIGURE 2
	PREPARED BY: R.P.		
	PROJECT MNGR. G.M.	TITLE:	
	DATE: 01/92	SITE PLAN	
	SCALE: AS SHOWN	ARCO FACILITY NO. 771	
	PROJECT NO. A135W01		
FILE NAME: AR_771XX			




EXPLANATION

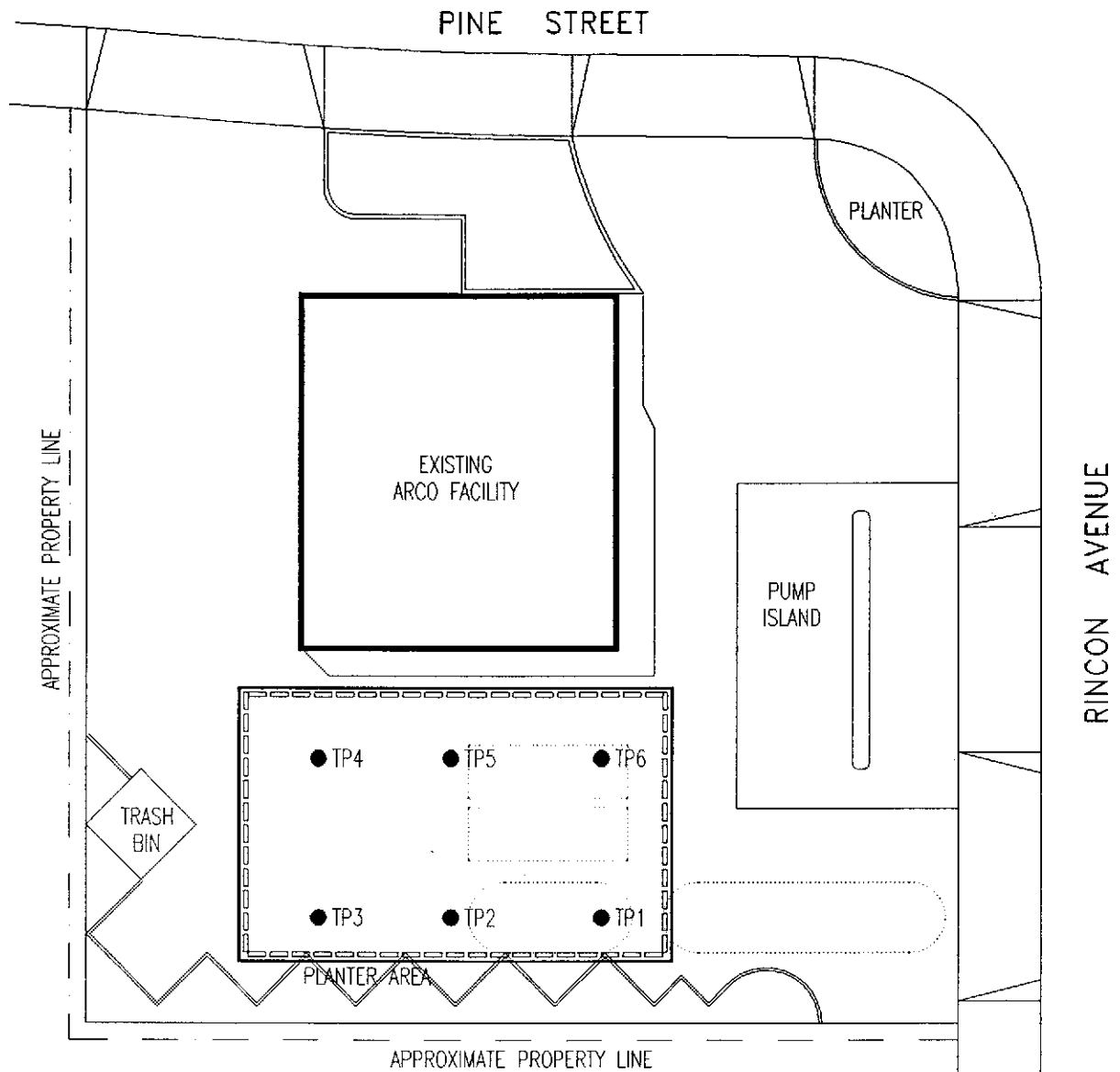
-  FORMER LOCATION OF UNDERGROUND STORAGE TANKS.
-  EXCAVATED AREAS.
- T4A SOIL SAMPLE LOCATION AND DESIGNATION.





SOURCE:

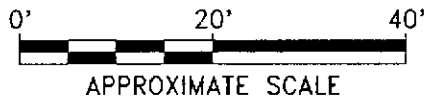
MAP MODIFIED FROM
RESNA CONSULTANTS, 1991.

 ROUX ASSOCIATES ENVIRONMENTAL CONSULTING & MANAGEMENT	COMPILED BY: T.R.	PREPARED FOR: ARCO PRODUCTS COMPANY	FIGURE 3
	PREPARED BY: R.P.		
	PROJECT MNGR. G.M.	TITLE: LOCATION OF TANK CAVITY AND PRODUCT LINE TRENCH SOIL SAMPLES	
	DATE: 04/92	ARCO FACILITY NO. 771	
	SCALE: AS SHOWN		
	PROJECT NO. A13SW01		
FILE NAME: AR_771XX			



EXPLANATION

-  SHEET PILES AT LIMITS OF NEW TANK EXCAVATION.
-  TP4 SOIL SAMPLE LOCATION AND DESIGNATION.



SOURCE:

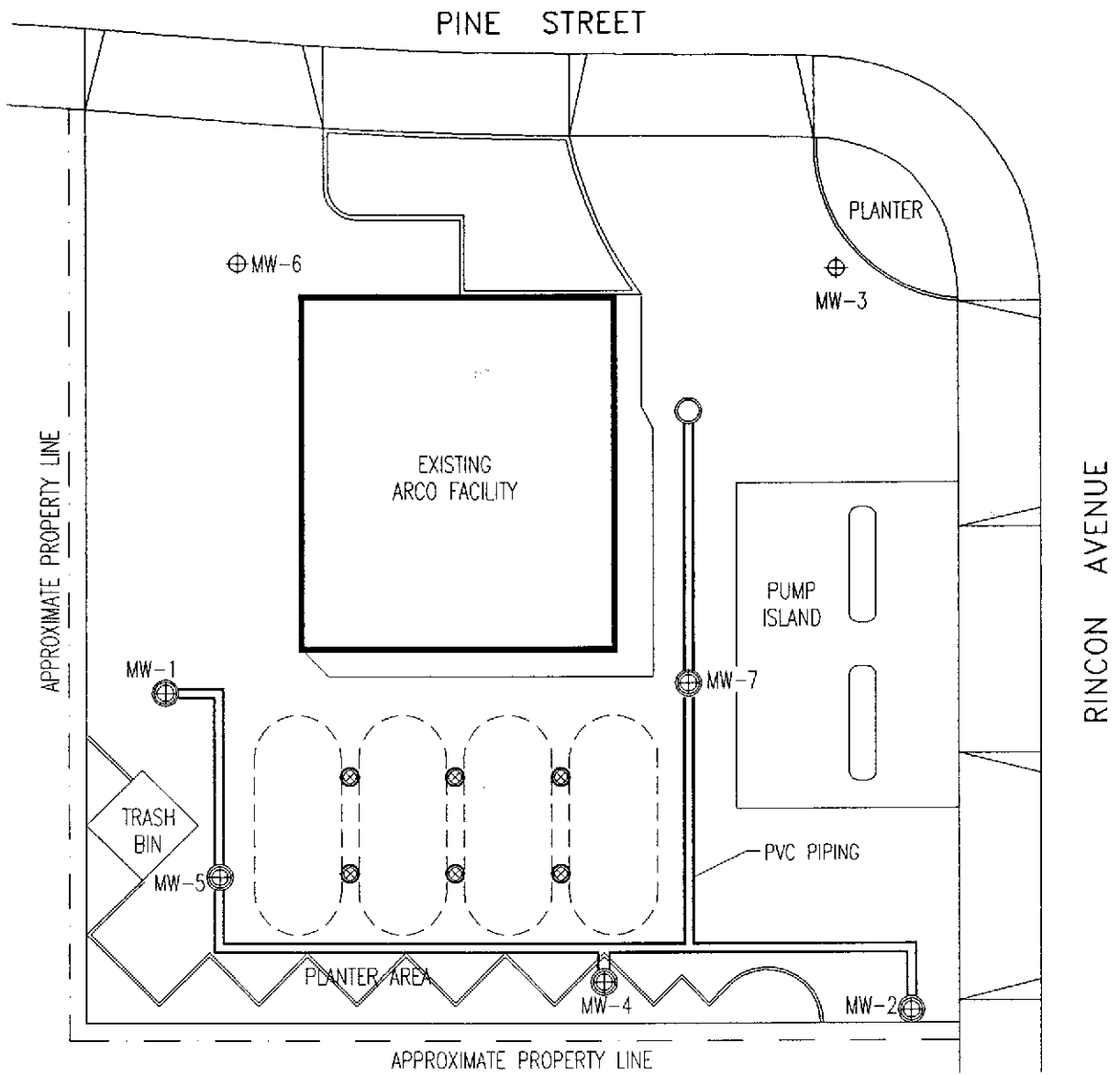
MAP MODIFIED FROM
RESNA CONSULTANTS, 1991.



COMPILED BY:	G.M.
PREPARED BY:	R.P.
PROJECT MNGR.	G.M.
DATE:	01/92
SCALE:	AS SHOWN
PROJECT NO.	A135W01
FILE NAME:	AR_771XX

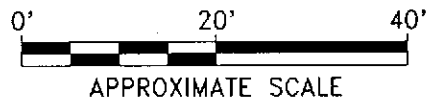
PREPARED FOR:	ARCO PRODUCTS COMPANY
TITLE:	LOCATION OF NEW TANK EXCAVATION AND SOIL SAMPLES ARCO FACILITY NO. 771

FIGURE
4



EXPLANATION

- ⊕ MW-5 MONITORING WELL LOCATION AND DESIGNATION
- LOCATION OF NEW UNDERGROUND STORAGE TANKS.
- LOCATION OF VAULT BOX.
- ⊗ LOCATION OF CONDUCTOR CASING.
- ══ PVC PIPING.



SOURCE:

MAP MODIFIED FROM
RESNA CONSULTANTS, 1991.

	COMPILED BY: G.M.	PREPARED FOR: ARCO PRODUCTS COMPANY	FIGURE 5
	PREPARED BY: R.P.		
	PROJECT MNGR. G.M.	TITLE:	
	DATE: 01/92	LOCATION OF WELLS, VAULT BOXES, AND PVC PIPING	
	SCALE: AS SHOWN	ARCO FACILITY NO. 771	
	PROJECT NO. A135W01		
FILE NAME: AR_771XX			

APPENDIX A

Summary of Site Environmental Activities

SUMMARY OF SITE ACTIVITIES

ARCO Facility No. 771
899 Rincon Avenue
Livermore, California

Date	Activity	By
12/17/91	Preconstruction meeting.	ARCO, GW, Roux
12/27/91	Began tank pit excavation.	GW
12/30/91	Removed USTs, inspected for explosive conditions, leaks. Removed tanks from Site. Collected samples beneath tanks.	Roux, GW, ACDEH, LFD H&H Roux
12/31/91	Started shoring excavation.	GW
1/8/92	Completed excavation shoring. Excavated soil from within shoring. Collected stockpile soil samples.	GW, Roux
1/9/2	Excavated and stockpiled oil from new excavation. Collected soil samples from stockpiles.	GW, Roux
1/14/92	Hauled stockpiled soil to Class III landfill.	GW, Dillard, Roux
1/15/92	Hauled stockpiled soil to Class III landfill.	Dillard
1/17/92	Meeting of RWQCB, ACDEH and ARCO. Authorization given to set tanks in excavation. Additional sampling at base of excavation required.	ARCO, RWQCB, ACDEH, RESNA, Roux
1/21/92	Collected six soil samples from base of excavation.	Roux, ACDEH
1/22/92	Installed new USTs and conductor casings.	GW, Roux
1/27/92	Removed shoring	GW
1/28/92	Hauled stockpiled soil to Class III landfill.	Dillard
2/7/92	Collected soil samples below product lines and pump islands.	Roux, ACDEH
2/14/92	Received approval to over-excavate lines and collect soil samples. Received authorization to install new lines and backfill trenches.	Roux, ACDEH

NOTES:

ARCO ARCO Products Company
 GW Golden West Environmental Services
 Roux Roux Associate
 ACDEH Alameda County Department of Environmental Health, Susan Hugo, Field Representative
 LFD Livermore Fire Department
 H&H H & H Environmental Services
 RWQCB Region Water Quality Control Board
 Dillard Dillard Trucking

SUMMARY OF SITE ACTIVITIES

ARCO Facility No. 771
899 Rincon Avenue
Livermore, California

Date	Activity	By
2/18/92	Collected soil samples below product lines and from stockpiles. Installed new product lines.	Roux, GW
2/24/92	Hauled stockpiled soil to Class III landfill.	Dillard
2/26/92	Excavated remediation system trenches near pump islands.	GW
2/28/92	Hauled stockpiled soil to Class III landfill.	Dillard
3/13/92	Removed last soil stockpiles from Site.	GW, Dillard
3/26/92	Post construction meeting. Inspected remediation system piping and vault boxes.	Roux, RESNA, GW

NOTES:

ARCO ARCO Products Company
GW Golden West Environmental Services
Roux Roux Associate
ACDEH Alameda County Department of Environmental Health, Susan Hugo, Field Representative
LFD Livermore Fire Department
H&H H & H Environmental Services
RWQCB Region Water Quality Control Board
Dillard Dillard Trucking

APPENDIX B

Laboratory Analytical Reports



SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

RECEIVED JAN 03 1992

Roux Associates 1855 Gateway Blvd. Suite 770 Concord, CA 94520 Attention: Gregory Murphy	Client Project ID: Arco/#771-91-1 Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 112-1101	Sampled: Dec 30, 1991 Received: Dec 30, 1991 Analyzed: Dec 30, 1991 Reported: Dec 31, 1991
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TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
112-1101	CS-1(A-D)	42	N.D.	0.012	0.011	0.45
112-1103	CS-3(A-D)	19	N.D.	0.042	0.053	0.99
112-1106	T1B	1.4	0.019	0.015	0.0089	0.20
112-1108	T2B	N.D.	N.D.	N.D.	N.D.	N.D.
112-1110	T3B	1.3	0.0097	0.045	0.023	0.24
112-1112	T4B	2.4	0.0095	0.050	0.041	0.33

Detection Limits:	1.0	0.0050	0.0050	0.0050	0.0050
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Kenneth K.F. Lee
Laboratory Manager



SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Roux Associates	Client Project ID: Arco/#771-91-1	Sampled: Dec 30, 1991
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Dec 30, 1991
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Dec 30, 1991
Attention: Gregory Murphy	First Sample #: 112-1102	Reported: Dec 31, 1991

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P.	Benzene	Toluene	Ethyl Benzene	Xylenes
		Hydrocarbons mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)
112-1102	CS-2(A-D)	190	N.D.	0.10	0.029	4.6
112-1104	CS-4(A-D)	120	0.047	0.30	0.28	12

Detection Limits:	5.0	0.025	0.025	0.025	0.025
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Kenneth K.F. Lee
Laboratory Manager



SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Roux Associates	Client Project ID: Arco/#771-91-1	Sampled: Dec 30, 1991
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Dec 30, 1991
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Dec 30, 1991
Attention: Gregory Murphy	First Sample #: 112-1105	Reported: Dec 31, 1991

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
112-1105	T1A	1,500	1.3	28	24	210

Detection Limits:	100	0.50	0.50	0.50	0.50
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager



SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Roux Associates	Client Project ID: Arco/#771-91-1	Sampled: Dec 30, 1991
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Dec 30, 1991
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Dec 30, 1991
Attention: Gregory Murphy	First Sample #: 112-1107	Reported: Dec 31, 1991

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

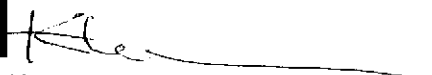
Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
112-1107	T2A	1,900	1.3	9.4	8.6	94

Detection Limits:	50	0.25	0.25	0.25	0.25
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager



SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Roux Associates	Client Project ID: Arco/#771-91-1	Sampled: Dec 30, 1991
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Dec 30, 1991
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Dec 30, 1991
Attention: Gregory Murphy	First Sample #: 112-1109	Reported: Dec 31, 1991

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P.	Benzene	Toluene	Ethyl	Xylenes
		Hydrocarbons			Benzene	
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
112-1109	T3A	45	0.089	1.2	0.52	4.7

Detection Limits:	10	0.050	0.050	0.050	0.050
--------------------------	-----------	--------------	--------------	--------------	--------------

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager



SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Roux Associates	Client Project ID: Arco/#771-91-1	Sampled: Dec 30, 1991
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Dec 30, 1991
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Dec 30, 1991
Attention: Gregory Murphy	First Sample #: 112-1111	Reported: Dec 31, 1991

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
112-1111	T4A	4,600	28	470	170	1,100

Detection Limits:	500	2.5	2.5	2.5	2.5
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Kenneth K.F. Lee
Laboratory Manager



SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco/#771-91-1

QC Sample Group: 1121101-112


Reported: Dec 31, 1991

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	K.M.	K.M.	K.M.	K.M.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Dec 30, 1991	Dec 30, 1991	Dec 30, 1991	Dec 30, 1991
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.40	0.38	0.38	1.3
Matrix Spike % Recovery:	100	95	95	108
Conc. Matrix Spike Dup.:	0.42	0.42	0.41	1.3
Matrix Spike Duplicate % Recovery:	105	105	102	108
Relative % Difference:	4.8	10	7.6	0.0

Laboratory blank contained the following analytes: None Detected

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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RECEIVED JAN 03 1992

Roux Associates	Client Project ID: Arco/#771-91-1	Sampled: Dec 30, 1991
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Dec 30, 1991
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Dec 30, 1991
Attention: Gregory Murphy	First Sample #: 112-1101	Reported: Dec 31, 1991

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
112-1103	CS-3(A-D)	19	N.D.	0.042	0.053	0.99

Detection Limits:	1.0	0.0050	0.0050	0.0050	0.0050
--------------------------	------------	---------------	---------------	---------------	---------------

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Kenneth K.F. Lee
Laboratory Manager



SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Roux Associates 1855 Gateway Blvd. Suite 770 Concord, CA 94520 Attention: Gregory Murphy	Client Project ID: Arco/#771-91-1 Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 112-1102	Sampled: Dec 30, 1991 Received: Dec 30, 1991 Analyzed: Dec 30, 1991 Reported: Dec 31, 1991
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TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
112-1102	CS-2(A-D)	190	N.D.	0.10	0.029	4.6
112-1104	CS-4(A-D)	120	0.047	0.30	0.28	12

Detection Limits:	5.0	0.025	0.025	0.025	0.025
--------------------------	------------	--------------	--------------	--------------	--------------

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Kenneth K.F. Lee
Laboratory Manager



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(510) 686-9600 • FAX (510) 686-9689

Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco/#771-91-1

QC Sample Group: 1121101-112

Reported: Dec 31, 1991

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	K.M.	K.M.	K.M.	K.M.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Dec 30, 1991	Dec 30, 1991	Dec 30, 1991	Dec 30, 1991
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.40	0.38	0.38	1.3
Matrix Spike % Recovery:	100	95	95	108
Conc. Matrix Spike Dup.:	0.42	0.42	0.41	1.3
Matrix Spike Duplicate % Recovery:	105	105	102	108
Relative % Difference:	4.8	10	7.6	0.0

Laboratory blank contained the following analytes: None Detected

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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(510) 686-9600 • FAX (510) 686-9689

RECEIVED JAN 06 1992

Roux Associates 1855 Gateway Blvd. Suite 770 Concord, CA 94520 Attention: Gregory Murphy	Client Project ID: Arco #771-91-1/Livermore Sample Descript: Soil, CS-4(A-D) Lab Number: 112-1104	Sampled: Dec 30, 1991 Reloged: Dec 31, 1991 Extracted: Jan 2, 1992 Analyzed: Jan 2, 1992 Reported: Jan 2, 1992
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LABORATORY ANALYSIS

Analyte	Detection Limit mg/kg	Sample Results mg/kg
STLC Lead	0.0050	0.082

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Kenneth K.F. Lee
Laboratory Manager



SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco #771-91-1/Livermore
Sample Descript: CS-4(A-D)
Lab Number: 112-1104

Sampled: Dec 30, 1991
Reloged: Dec 31, 1991
Analyzed: 1/1-1/2/92
Reported: Jan 2, 1992

CORROSIVITY, IGNITABILITY, AND REACTIVITY

Analyte	Detection Limit	Sample Results
Corrosivity:		
pH.....	N.A.	8.4
Ignitability:		
Flashpoint (Pensky-Martens), °C.....	N.A.	> 100 °C
Reactivity:		
Sulfide, mg/kg.....	10	N.D.
Cyanide, mg/kg.....	0.50	N.D.
Reaction with water.....	N.A.	Negative

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Kenneth K.F. Lee
Laboratory Manager



SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco #771-91-1/Livermore

QC Sample Group: 112-1104

Reported: Jan 2, 1992

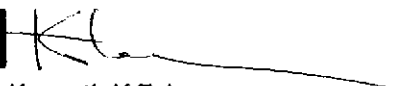
QUALITY CONTROL DATA REPORT

ANALYTE

	Cyanide	Sulfide	PH	STLC Lead
--	---------	---------	----	-----------

Method:	EPA 9010	EPA 9030	EPA 9040	EPA 7421
Analyst:	N.Z.	B.S./N.Z.	J.M.	M.M.
Reporting Units:	mg/kg	mg/kg	N.A.	mg/kg
Date Analyzed:	Jan 2, 1992	Jan 2, 1992	Jan 1, 1992	Jan 2, 1992
QC Sample #:	112-3367	112-2616	112-4873	111-1431
Sample Conc.:	N.D.	N.D.	8.4	0.49
Spike Conc. Added:	8.0	1300	N.A.	10
Conc. Matrix Spike:	8.6	1100	N.A.	10
Matrix Spike % Recovery:	108	85	N.A.	95
Conc. Matrix Spike Dup.:	8.4	1100	8.4	11
Matrix Spike Duplicate % Recovery:	105	85	N.A.	110
Relative % Difference:	2.4	0.0	0.0	9.5

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Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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RECEIVED JAN 09 1992

Roux Associates	Client Project ID: Arco/ #771-91-1/Livermore	Sampled: Jan 6, 1992
1855 Gateway Blvd. Suite 770	Sample Descript.: Soil, CS-5(A-D)	Received: Jan 6, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 6, 1992
Attention: Gregory Murphy	Lab Number: 201-0093	Reported: Jan 7, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS WITH BTEX DISTINCTION (EPA 8015/8020)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
Low to Medium Boiling Point Hydrocarbons	10	140
Benzene	0.050	N.D.
Toluene	0.050	0.052
Ethyl Benzene	0.050	0.060
Xylenes	0.050	4.3

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Laboratory Manager



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Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco/ #771-91-1/Livermore

QC Sample Group: 201-0093

Reported: Jan 7, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	R.H.	R.H.	R.H.	R.H.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 6, 1992	Jan 6, 1992	Jan 6, 1992	Jan 6, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.36	0.36	0.38	1.2
Matrix Spike % Recovery:	90	90	95	100
Conc. Matrix Spike Dup.:	0.36	0.36	0.39	1.2
Matrix Spike Duplicate % Recovery:	90	90	98	100
Relative % Difference:	0.0	0.0	2.6	0.0

Laboratory blank contained the following analytes: None Detected

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Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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RECEIVED JAN 13 1992

Roux Associates	Client Project ID: Arco/ #771-91-1	Sampled: Jan 8, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Jan 8, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 8, 1992
Attention: Greg Murphy	First Sample #: 201-0182	Reported: Jan 9, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons		Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
		mg/kg (ppm)	Benzene mg/kg (ppm)			
201-0182	CS-6A-D	N.D.	N.D.	N.D.	N.D.	0.017
201-0183	CS-7A-D	4.2	N.D.	N.D.	N.D.	0.086
201-0184	CS-8A-D	5.1	N.D.	0.0066	0.0061	0.15

Detection Limits:	1.0	0.0050	0.0050	0.0050	0.0050
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard. Analytes reported as N.D. were not present above the stated limit of detection.

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Kenneth K.F. Lee
Laboratory Manager



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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: Arco/ #771-91-1


QC Sample Group: 2010182-0184

Reported: Jan 9, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	K.N./J.F.	K.N./J.F.	K.N./J.F.	K.N./J.F.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 8, 1992	Jan 8, 1992	Jan 8, 1992	Jan 8, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	0.40
Conc. Matrix Spike:	0.40	0.40	0.43	1.3
Matrix Spike % Recovery:	100	100	108	108
Conc. Matrix Spike Dup.:	0.41	0.41	0.49	1.3
Matrix Spike Duplicate % Recovery:	102	102	110	108
Relative % Difference:	2.4	2.4	2.3	0.0

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Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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Roux Associates 1855 Gateway Blvd. Suite 770 Concord, CA 94520 Attention: Gregory Murphy	Client Project ID: Arco #771 / Livermore Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 201-0235	Sampled: Jan 10, 1992 Received: Jan 10, 1992 Analyzed: Jan 10, 1992 Reported: Jan 13, 1992
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TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
201-0235	CS-9(A-D)	3.2	N.D.	N.D.	N.D.	0.095
201-0236	CS-10(A-D)	7.2	N.D.	0.0062	N.D.	0.041
201-0237	CS-11(A-D)	9.0	N.D.	0.0086	N.D.	0.19
201-0239	CS-13(A-D)	7.5	N.D.	0.013	0.020	0.11
201-0241	CS-15(A-D)	3.3	N.D.	N.D.	N.D.	0.065

Detection Limits:	1.0	0.0050	0.0050	0.0050	0.0050
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Roux Associates	Client Project ID: Arco #771/ Livermore	Sampled: Jan 10, 1992
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Jan 10, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 10, 1992
Attention: Gregory Murphy	First Sample #: 201-0238	Reported: Jan 13, 1992


TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
201-0238	CS-12(A-D)	14	N.D.	0.022	0.021	0.47

Detection Limits:	2.0	0.010	0.010	0.010	0.010
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Roux Associates	Client Project ID: Arco #771/ Livermore	Sampled: Jan 10, 1992
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Jan 10, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 10, 1992
Attention: Gregory Murphy	First Sample #: 201-0240	Reported: Jan 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
201-0240	CS-14(A-D)	26	N.D.	0.041	0.052	1.3

Detection Limits:	10	0.050	0.050	0.050	0.050
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Roux Associates 1855 Gateway Blvd. Suite 770 Concord, CA 94520 Attention: Gregory Murphy	Client Project ID: Arco #771/ Livermore Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 201-0242	Sampled: Jan 10, 1992 Received: Jan 10, 1992 Analyzed: Jan 10, 1992 Reported: Jan 13, 1992
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TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
201-0242	CS-16(A-D)	440	N.D.	N.D.	0.56	25

Detection Limits:	20	0.10	0.10	0.10	0.10
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco #771/ Livermore
Sample Descript: Soil
Analysis for: Lead
First Sample #: 201-0235


Sampled: Jan 10, 1992
Received: Jan 10, 1992
Extracted: Jan 12, 1992
Analyzed: Jan 13, 1992
Reported: Jan 13, 1992

LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
201-0235	CS-9(A-D)	0.25	11
201-0237	CS-11(A-D)	0.25	12
201-0239	CS-13(A-D)	0.25	11
201-0241	CS-15(A-D)	0.25	11

Analytes reported as N.D. were not present above the stated limit of detection.

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Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco #771 / Livermore

QC Sample Group: 2010235-42

Reported: Jan 13, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Lead
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 7421
Analyst:	K.N.	K.N.	K.N.	K.N.	K. Anderson
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 10, 1992	Jan 10, 1992	Jan 10, 1992	Jan 10, 1992	Jan 13, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	201-0235
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	11
Spike Conc. Added:	0.40	0.40	0.40	1.2	50
Conc. Matrix Spike:	0.35	0.36	0.39	1.2	64
Matrix Spike % Recovery:	88	90	98	100	106
Conc. Matrix Spike Dup.:	0.35	0.37	0.41	1.2	67
Matrix Spike Duplicate % Recovery:	88	93	103	100	112
Relative % Difference:	0.0	2.7	5.0	0.0	4.6

Laboratory blank contained the following analytes: None Detected

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Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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Roux Associates 1855 Gateway Blvd. Suite 770 Concord, CA 94520 Attention: Paul Supple	Client Project ID: Arco #771-91-1/Livermore Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 201-0500	Sampled: Jan 17, 1992 Received: Jan 17, 1992 Analyzed: Jan 17, 1992 Reported: Jan 21, 1992
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TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
201-0500	CS-17(A-D)	960	N.D.	6.4	5.2	73

Detection Limits:	100	0.50	0.50	0.50	0.50
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Kenneth K.F. Lee
Laboratory Manager



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Roux Associates 1855 Gateway Blvd. Suite 770 Concord, CA 94520 Attention: Paul Supple	Client Project ID: Arco #771-91-1/Livermore Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 201-0501	Sampled: Jan 17, 1992 Received: Jan 17, 1992 Analyzed: Jan 17, 1992 Reported: Jan 21, 1992
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TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
201-0501	CS-18(A-D)	720	0.49	11	7.1	83
201-0502	CS-19(A-D)	650	0.38	9.8	6.2	72

Detection Limits:	50	0.25	0.25	0.25	0.25
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Kenneth K.F. Lee
Laboratory Manager



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Roux Associates	Client Project ID: Arco #771-91-1/Livermore	Sampled: Jan 17, 1992
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Jan 17, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 17, 1992
Attention: Paul Supple	First Sample #: 201-0503	Reported: Jan 21, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
201-0503	CS-20(A-D)	11	N.D.	N.D.	N.D.	0.17

Detection Limits:	5.0	0.025	0.025	0.025	0.025
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Kenneth K.F. Lee
Laboratory Manager



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Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Paul Supple

Client Project ID: Arco #771-91-1/Livermore

QC Sample Group: 2010500-503

Reported: Jan 21, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	STLC Lead
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 7421
Analyst:	K.E.	K.E.	K.E.	K.E.	K. Anderson
Reporting Units:	ug/kg	ug/kg	ug/kg	ug/kg	mg/L
Date Analyzed:	Jan 17, 1992	Jan 17, 1992	Jan 17, 1992	Jan 17, 1992	Jan 21, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	112-0331
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	0.20
Spike Conc. Added:	0.40	0.40	0.40	1.2	0.50
Conc. Matrix Spike:	0.37	0.36	0.36	1.2	0.57
Matrix Spike % Recovery:	92	90	90	100	74
Conc. Matrix Spike Dup.:	0.36	0.36	0.36	1.2	0.59
Matrix Spike Duplicate % Recovery:	90	90	90	100	78
Relative % Difference:	2.7	0.0	0.0	0.0	3.4

Laboratory blank contained the following analytes: None Detected

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Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: Arco #771-91-1/ Livermore
Sample Descript.: Soil, ACS-4A-D
Analysis Method: EPA 5030/8015/8020
Lab Number: 201-0692

Sampled: Jan 23, 1992
Received: Jan 23, 1992
Analyzed: Jan 23, 1992
Reported: Jan 24, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS WITH BTEX DISTINCTION (EPA 8015/8020)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
Low to Medium Boiling Point Hydrocarbons	2.0	20
Benzene	0.010	N.D.
Toluene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Xylenes	0.010	0.054

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Kenneth K.F. Lee
Laboratory Manager



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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: Arco #771-91-1/ Livermore

QC Sample Group: 201-0692

Reported: Jan 24, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	K. E.	K. E.	K. E.	K. E.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 23, 1992	Jan 23, 1992	Jan 23, 1992	Jan 23, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.34	0.36	0.40	1.2
Matrix Spike % Recovery:	85	90	100	100
Conc. Matrix Spike Dup.:	0.35	0.36	0.41	1.2
Matrix Spike Duplicate % Recovery:	88	90	102	100
Relative % Difference:	2.8	0.0	2.4	0.0

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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Roux Associates 1855 Gateway Blvd, Suite 770 Concord, CA 94520 Attention: Greg Murphy	Client Project ID: Arco #771/Livermore Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 201-0943	Sampled: Jan 30, 1992 Received: Jan 30, 1992 Analyzed: Jan 30, 1992 Reported: Jan 31, 1992
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TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
201-0943	CS-21	11	0.032	0.0084	0.016	0.042
201-0944	CS-22	7.2	N.D.	0.0088	0.010	0.062

Detection Limits:	1.0	0.0050	0.0050	0.0050	0.0050
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager



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(510) 686-9600 • FAX (510) 686-9689

Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: Arco #771/Livermore

QC Sample Group: 2010943-0944

Reported: Jan 31, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	K.E.	K.E.	K.E.	K.E.
Reporting Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Date Analyzed:	Jan 30, 1992	Jan 30, 1992	Jan 30, 1992	Jan 30, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.49	0.49	0.50	1.6
Matrix Spike % Recovery:	122	122	125	133
Conc. Matrix Spike Dup.:	0.49	0.48	0.48	1.5
Matrix Spike Duplicate % Recovery:	122	120	120	125
Relative % Difference:	0.0	2.0	4.0	6.4

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Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco #771-91-1 / Livermore
Matrix Descript: Soil
Analysis Method: EPA 5030/8015/8020
First Sample #: 201-0570

Sampled: Jan 21, 1992
Received: Jan 21, 1992
Analyzed: Jan 23, 1992
Reported: Feb 3, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
201-0570	TP-1	100	N.D.	0.059	N.D.	1.4

Detection Limits:

5.0

0.025

0.025

0.025

0.025

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Kenneth K.F. Lee
Laboratory Manager



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Roux Associates 1855 Gateway Blvd. Suite 770 Concord, CA 94520 Attention: Gregory Murphy	Client Project ID: Arco #771-91-1/ Livermore Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 201-0571	Sampled: Jan 21, 1992 Received: Jan 21, 1992 Analyzed: Jan 23, 1992 Reported: Feb 3, 1992
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TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
201-0571	TP-2	2.6	0.0057	0.012	0.012	0.12
201-0572	TP-3	1.8	0.0058	0.011	0.0071	0.053
201-0573	TP-4	1.4	0.0052	0.020	0.0094	0.092
201-0574	TP-5	1.5	0.0062	0.036	0.016	0.14
201-0575	TP-6	830	N.D.	2.5	1.5	47

Detection Limits:	1.0	0.0050	0.0050	0.0050	0.0050
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager



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Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco #771-91-1/ Livermore
Sample Descript: Soil
Analysis Method: California LUFT Manual, 12/87
First Sample #: 201-0570

Sampled: Jan 21, 1992
Received: Jan 21, 1992
Extracted: Jan 22, 1992
Analyzed: Jan 23, 1992
Reported: Feb 3, 1992

ORGANIC LEAD

Sample Number	Sample Description	Sample Results mg/kg (ppm)
201-0570	TP-1	N.D.
201-0571	TP-2	N.D.
201-0572	TP-3	N.D.
201-0573	TP-4	N.D.
201-0574	TP-5	N.D.
201-0575	TP-6	N.D.

Detection Limits: 0.050

Analytes reported as N.D. were not present above the stated limit of detection.

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Kenneth K.F. Lee
Laboratory Manager



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Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco #771-91-1/ Livermore

QC Sample Group: 2010570-575

Reported: Feb 3, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	K.E.	K.E.	K.E.	K.E.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 23, 1992	Jan 23, 1992	Jan 23, 1992	Jan 23, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.34	0.36	0.40	1.2
Matrix Spike % Recovery:	85	90	100	100
Conc. Matrix Spike Dup.:	0.35	0.36	0.41	1.2
Matrix Spike Duplicate % Recovery:	88	90	102	100
Relative % Difference:	2.8	0.0	2.4	0.0

SEQUOIA ANALYTICAL

K.F. Lee
Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco #771-91-1/ Livermore

QC Sample Group: 2010570-575

Reported: Feb 3, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Organic Lead
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	LUFT
Analyst:	K.N.	K.N.	K.N.	K.N.	K. Anderson
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 23, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2	20
Conc. Matrix Spike:	0.31	0.32	0.32	1.1	18
Matrix Spike % Recovery:	78	80	80	92	90
Conc. Matrix Spike Dup.:	0.33	0.33	0.34	1.2	20
Matrix Spike Duplicate % Recovery:	82	82	85	100	100
Relative % Difference:	6.2	3.1	6.0	8.6	11

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: relog-#2010944
Sample Descript: Soil, CS-22
Analysis for: STLC Lead
First Sample #: 201-0944

Sampled: Jan 30, 1992
Relogged: Jan 31, 1992
Extracted: Feb 1, 1992
Analyzed: Feb 3, 1992
Reported: Feb 3, 1992

LABORATORY ANALYSIS FOR: STLC Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
201-0944	CS-22	0.0050	0.072

Analytes reported as N.D. were not present above the stated limit of detection.

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Kenneth K.F. Lee
Laboratory Manager



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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: relog-#2010944

QC Sample Group: 201-0944

Reported: Feb 3, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	STLC Lead
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Method: EPA 7421
 Analyst: K. Anderson
 Reporting Units: mg/L
 Date Analyzed: Feb 3, 1992
 QC Sample #: 201-0944

Sample Conc.: 0.072

Spike Conc. Added: 0.50

Conc. Matrix Spike: 0.43

Matrix Spike % Recovery: 72

Conc. Matrix Spike Dup.: 0.47

Matrix Spike Duplicate % Recovery: 80

Relative % Difference: 8.9

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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Roux Associates	Client Project ID: Arco/ #771-91-1	Sampled: Feb 4, 1992
1855 Gateway Blvd, Suite 770	Sample Descript.: Soil, ACS-17 (A-D)	Received: Feb 4, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Feb 4, 1992
Attention: Greg Murphy	Lab Number: 202-0055	Reported: Feb 5, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS WITH BTEX DISTINCTION (EPA 8015/8020)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
Low to Medium Boiling Point Hydrocarbons.....	10	69
Benzene.....	0.050	N.D.
Toluene.....	0.050	0.058
Ethyl Benzene.....	0.050	0.052
Xylenes.....	0.050	0.47

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Kenneth K.F. Lee
Laboratory Manager



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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: Arco/ #771-91-1

QC Sample Group: 202-0055

Reported: Feb 5, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
		EPA	EPA	EPA
Method:	8015/8020	8015/8020	8015/8020	8015/8020
Analyst:	K.E./K.N./J.F.	K.E./K.N./J.F.	K.E./K.N./J.F.	K.E./K.N./J.F.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Feb 4, 1992	Feb 4, 1992	Feb 4, 1992	Feb 4, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.44	0.44	0.48	1.4
Matrix Spike % Recovery:	110	110	120	116
Conc. Matrix Spike Dup.:	0.42	0.42	0.45	1.3
Matrix Spike Duplicate % Recovery:	105	105	112	108
Relative % Difference:	4.6	4.6	6.4	7.4

SEQUOIA ANALYTICAL

K.L.
Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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Roux Associates	Client Project ID: Arco #771-91-1/ Livermore	Sampled: Feb 7, 1992
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Feb 7, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Feb 10, 1992
Attention: Gregory Murphy	First Sample #: 202-0281	Reported: Feb 11, 1992


TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
202-0281	L1	N.D.	N.D.	0.035	N.D.	N.D.
202-0284	L4	2.2	0.0093	0.52	0.011	0.061
202-0285	L5	N.D.	N.D.	N.D.	N.D.	N.D.
202-0286	L6	N.D.	N.D.	N.D.	N.D.	N.D.
202-0288	L8	1.2	N.D.	0.027	N.D.	0.0068

Detection Limits:	1.0	0.0050	0.0050	0.0050	0.0050
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager



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Roux Associates	Client Project ID: Arco #771-91-1/ Livermore	Sampled: Feb 7, 1992
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Feb 7, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Feb 10, 1992
Attention: Gregory Murphy	First Sample #: 202-0282	Reported: Feb 11, 1992


TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
202-0282	L2	750	0.35	30	26	200
202-0287	L7	600	N.D.	0.21	N.D.	26

Detection Limits:	20	0.10	0.10	0.10	0.10
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager



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Roux Associates 1855 Gateway Blvd. Suite 770 Concord, CA 94520 Attention: Gregory Murphy	Client Project ID: Arco #771-91-1/ Livermore Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 202-0283	Sampled: Feb 7, 1992 Received: Feb 7, 1992 Analyzed: Feb 10, 1992 Reported: Feb 11, 1992
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TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
202-0283	L3	41	0.091	0.28	0.10	0.93

Detection Limits:	10	0.050	0.050	0.050	0.050
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager



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Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco #771-91-1/ Livermore
Sample Descript: Soil
Analysis Method: California LUFT Manual, 12/87
First Sample #: 202-0281

Sampled: Feb 7, 1992
Received: Feb 7, 1992
Extracted: Feb 10, 1992
Analyzed: Feb 10, 1992
Reported: Feb 11, 1992

ORGANIC LEAD

Sample Number	Sample Description	Sample Results mg/kg (ppm)
202-0281	L1	N.D.
202-0282	L2	N.D.
202-0283	L3	N.D.
202-0284	L4	N.D.
202-0285	L5	N.D.
202-0286	L6	N.D.
202-0287	L7	N.D.
202-0288	L8	N.D.

Detection Limits: 0.050

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager



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Roux Associates
1855 Gateway Blvd. Suite 770
Concord, CA 94520
Attention: Gregory Murphy

Client Project ID: Arco #771-91-1/ Livermore

QC Sample Group: 2020281-288

Reported: Feb 11, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Organic Lead
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	LUFT
Analyst:	J.F.	J.F.	J.F.	J.F.	T. Marcarenas
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/gkg
Date Analyzed:	Feb 10, 1992	Feb 10, 1992	Feb 10, 1992	Feb 10, 1992	Feb 10, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	202-0281
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2	1.0
Conc. Matrix Spike:	0.47	0.46	0.47	1.5	1.1
Matrix Spike % Recovery:	118	115	118	125	110
Conc. Matrix Spike Dup.:	0.49	0.49	0.49	1.6	1.2
Matrix Spike Duplicate % Recovery:	122	122	122	133	120
Relative % Difference:	4.1	6.3	4.2	6.4	8.7

SEQUOIA ANALYTICAL

Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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Roux Associates	Client Project ID: Arco/ #771-91-1	Sampled: Feb 18, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil, CA-23 A-D	Received: Feb 18, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Feb 18, 1992
Attention: Greg Murphy	First Sample #: 202-0566	Reported: Feb 20, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P.	Benzene	Toluene	Ethyl Benzene	Xylenes
		Hydrocarbons				
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
202-0566	CS-23 A-D	6.3	0.011	0.014	0.0084	0.082

Detection Limits:	1.0	0.0050	0.0050	0.0050	0.0050
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard. Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Kenneth K.F. Lee
Laboratory Manager



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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: Arco/ #771-91-1
Sample Descript: Soil, CS-23 A-D
Analysis for: STLC Lead
First Sample #: 202-0566

Sampled: Feb 18, 1992
Received: Feb 18, 1992
Extracted: Feb 18, 1992
Analyzed: Feb 20, 1992
Reported: Feb 20, 1992

LABORATORY ANALYSIS FOR: STLC Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
202-0566	CS-23 A-D	0.0050	0.50

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Kenneth K.F. Lee
Laboratory Manager



SEQUOIA ANALYTICAL

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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: Arco/ #771-91-1

QC Sample Group: 202-0566

Reported: Feb 20, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	STLC Lead
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 7421
Analyst:	K.E./K.N./J.F.	K.E./K.N./J.F.	K.E./K.N./J.F.	K.E./K.N./J.F.	K. Anderson
Reporting Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/L
Date Analyzed:	Feb 18, 1992	Feb 18, 1992	Feb 18, 1992	Feb 18, 1992	Feb 20, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	202-0566
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	0.50
Spike Conc. Added:	0.40	0.40	0.40	1.2	1.0
Conc. Matrix Spike:	0.48	0.47	0.47	1.4	1.4
Matrix Spike % Recovery:	120	117	117	116	90
Conc. Matrix Spike Dup.:	0.46	0.46	0.46	1.4	1.3
Matrix Spike Duplicate % Recovery:	115	115	115	116	80
Relative % Difference:	4.2	2.1	2.1	0.0	7.4

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Roux Associates	Client Project ID: Arco/ #771-91-1	Sampled: Feb 26, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Feb 26, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Feb 26, 1992
Attention: Greg Murphy	First Sample #: 202-0968	Reported: Feb 27, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
202-0968	CSA-18	130	N.D.	0.12	0.072	1.2
202-0969	CSD-19	93	N.D.	N.D.	0.042	0.37

Detection Limits:	5.0	0.025	0.025	0.025	0.025
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Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Belinda C. Vega
Laboratory Director



SEQUOIA ANALYTICAL

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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: Arco/ #771-91-1

QC Sample Group: 2020361-0371

Reported: Feb 27, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
	Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	K.E./K.N./J.F.	K.E./K.N./J.F.	K.E./K.N./J.F.	K.E./K.N./J.F.
Reporting Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Date Analyzed:	Feb 26, 1992	Feb 26, 1992	Feb 26, 1992	Feb 26, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.42	0.44	0.46	1.2
Matrix Spike % Recovery:	105	110	115	100
Conc. Matrix Spike Dup.:	0.41	0.45	0.46	1.2
Matrix Spike Duplicate % Recovery:	102	112	115	100
Relative % Difference:	2.4	2.2	0.0	0.0

SEQUOIA ANALYTICAL

Belinda C. Vega
Belinda C. Vega
Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



SEQUOIA ANALYTICAL

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RECEIVED MAR 05 1992

Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: Arco/ 771-91-1
Sample Descript: Soil, CSA-18 (relog)
Lab Number: #2020968

Sampled: Feb 26, 1992
Relogged: Feb 27, 1992
Extracted: Feb 27, 1992
Analyzed: Mar 2, 1992
Reported: Mar 2, 1992

LABORATORY ANALYSIS

Analyte	Detection Limit mg/kg	Sample Results mg/kg
STLC Lead.....	0.0050	0.12

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

#2020968.RRR <1>



SEQUOIA ANALYTICAL

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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: Arco/ 771-91-1

QC Sample Group: 202-0968

Reported: Mar 2, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	STLC
	Lead

Method: EPA 7421
 Analyst: K. Anderson
 Reporting Units: mg/L
 Date Analyzed: Mar 2, 1992
 QC Sample #: 202-0959

Sample Conc.: 3.6

Spike Conc. Added: 5.0

Conc. Matrix Spike: 8.6

Matrix Spike % Recovery: 100

Conc. Matrix Spike Dup.: 8.8

Matrix Spike Duplicate % Recovery: 104

Relative % Difference: 2.3

SEQUOIA ANALYTICAL

Scott Chiffa
 Kenneth K.F. Lee
 Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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RECEIVED MAR 09 1992

Roux Associates	Client Project ID: Arco #771-91-1/ Livermore	Sampled: Feb 18, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Feb 18, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Feb 18, 1992
Attention: Greg Murphy	First Sample #: 202-0564	Reported: Mar 6, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P.	Benzene	Toluene	Ethyl	Xylenes
		Hydrocarbons			Benzene	
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
202-0564	L2B*	91	N.D.	N.D.	N.D.	2.4

Detection Limits:

20

0.10

0.10

0.10

0.10

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Please Note:

* The above sample does not appear to contain gasoline.


Kenneth K.F. Lee
Laboratory Manager

2020564.RRR <1 >



SEQUOIA ANALYTICAL

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Roux Associates	Client Project ID: Arco #771-91-1/ Livermore	Sampled: Feb 18, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Feb 18, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Feb 18, 1992
Attention: Greg Murphy	First Sample #: 202-0565	Reported: Mar 6, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
202-0565	L7B	N.D.	N.D.	N.D.	N.D.	N.D.

Detection Limits:

1.0

0.0050

0.0050

0.0050

0.0050

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

2020564.RRR <2>



SEQUOIA ANALYTICAL

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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: Arco #771-91-1/ Livermore

QC Sample Group: 2020564-565

Reported: Mar 6, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	K.E.	K.E.	K.E.	K.E.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Feb 18, 1992	Feb 18, 1992	Feb 18, 1992	Feb 18, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.48	0.47	0.47	1.4
Matrix Spike % Recovery:	120	117	117	116
Conc. Matrix Spike Dup.:	0.46	0.46	0.46	1.4
Matrix Spike Duplicate % Recovery:	115	115	115	116
Relative % Difference:	4.2	2.1	2.1	0.0

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



SEQUOIA ANALYTICAL

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RECEIVED MAR 16 1992

Roux Associates	Client Project ID: Arco/ 771-91-1	Sampled: Mar 9, 1992
1855 Gateway Blvd, Suite 770	Sample Descript.: Soil, CSAA-18 (A-D)	Received: Mar 10, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Mar 10, 1992
Attention: Greg Murphy	Lab Number: 203-0404	Reported: Mar 12, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS WITH BTEX DISTINCTION (EPA 8015/8020)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
Low to Medium Boiling Point Hydrocarbons.....	1.0	13
Benzene.....	0.0050	N.D.
Toluene.....	0.0050	0.0057
Ethyl Benzene.....	0.0050	0.0050
Xylenes.....	0.0050	0.012

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager



SEQUOIA ANALYTICAL

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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Greg Murphy

Client Project ID: Arco/ 771-91-1

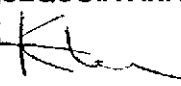
QC Sample Group: 203-0404

Reported: Mar 12, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl- Benzene	Xylenes
		EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Method:	8015/8020	8015/8020	8015/8020	8015/8020
Analyst:	K.E./K.N./J.F.	K.E./K.N./J.F.	K.E./K.N./J.F.	K.E./K.N./J.F.
Reporting Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Date Analyzed:	Mar 10, 1992	Mar 10, 1992	Mar 10, 1992	Mar 10, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.30	0.33	0.38	1.2
Matrix Spike % Recovery:	75	83	95	100
Conc. Matrix Spike Dup.:	0.32	0.34	0.38	1.2
Matrix Spike Duplicate % Recovery:	80	85	95	100
Relative % Difference:	6.5	3.0	0.0	0.0

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

2030404.RRR <2>

APPENDIX C

Chain-of-Custody Documentation

ARCO Facility no. 771	City (Facility) LIVERMORE	Project manager (Consultant) GREG MURPHY	Laboratory name SQUOIA
ARCO engineer CHUCK CARMEL	Telephone no. (ARCO)	Telephone no. (Consultant) 602-2333	Contract number
Consultant name PCMX	Address (Consultant) 1855 Gateway Blvd Suite 770 Concord		Method of shipment
		Fax no. (Consultant) 687-1258	Special detection Limit/reporting

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX EPA 802	BTEX/TPH EPA 1631/802/8015	TPH Modified 8015 Gas Diesel	Oil and Grease 413.1 413.2	TPH EPA 418.1/SM503E	EPA 601/6010	EPA 624/6240	EPA 625/6270	TCLP Metals VOA VOA	Semi Metals VOA VOA	CAM Metals EPA 601/7000 TTLC STLC	Lead Org./DHS Lead EPA 7420/7421	STLC load	RCI	Method of shipment			
			Soil	Water	Other	Ice	Acid																				
CS-KA-D		4	X					12/30/91	1130	X																	
CS-2(A-D)		4	X					1535 1955	1145	X																	
CS-3(A-D)		4	X						1200	X																	
CS-4(A-B)		4	X						1535	X																	
T1A		1	X						1500	X																	
T1B		1	X						1435	X																	
T2A		1	X						1430	X																	
T2B		1	X						1443	X																	
T3A		1	X						1439	X																	
T3B		1	X						1450	X																	
T4A		1	X						1447	X																	
T4B		1	X						X																		

Condition of sample:	Temperature received:	Priority Rush 1 Business Day <input checked="" type="checkbox"/>
Relinquished by sampler Jodie W. Howard	Date 12/30/91 Time 1655	Rush 2 Business Days <input type="checkbox"/>
Relinquished by	Date	Expedited 5 Business Days <input type="checkbox"/>
Relinquished by	Date	Standard 10 Business Days <input type="checkbox"/>

ARCO Facility no. 771	City (Facility) LIVERMORE	Project manager (Consultant) GREG MURPHY	Laboratory name SEQUOIA
ARCO engineer CHUCK CARHEL	Telephone no. (ARCO)	Telephone no. (Consultant) 602-2333	Contract number
Consultant name ROUX ASSOCIATES	Address (Consultant) 1855 GATEWAY BLVD #770, CONCORD		
		Fax no. (Consultant) 687-1258	Method of shipment HAND

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH EPA 1602/8020/8015	TPH Modified 8015 Gas <input type="checkbox"/> Diesel <input type="checkbox"/>	Oil and Grease 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/>	TPH EPA 418.1/SM503E	EPA 601/601C	EPA 624/624D	EPA 625/627D	TCMP Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	Semi Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	CVM Metals EPA 601/07000 TTLIC <input type="checkbox"/> STLIC <input type="checkbox"/>	Lead Org/DHS <input type="checkbox"/> Lead EPA 7420/7421 <input checked="" type="checkbox"/>			Special detection Limit/reporting	Special QA/QC	Remarks						
			Soil	Water	Other	Ice	Acid																									
CS-9(A-D)		4	X				X	1/10/92	0830		X																		2010235 AD			
CS-10(A-D)		4	X				X	1/10/92	0845		X																			236 AD		
CS-11(A-D)		4	X				X	1/10/92	0900		X																			237 AD		
CS-12(A-D)		4	X				X	1/10/92	0915		X																			238 AD		
CS-13(A-D)		4	X				X	1/10/92	0930		X																			239 AD		
CS-14(A-D)		4	X				X	1/10/92	0945		X																			240 AD		
CS-15(A-D)		4	X				X	1/10/92	1000		X																			241 AD		
CS-16(A-D)		4	X				X	1/10/92	1015		X																			242 AD		

Condition of sample:	Temperature received:	Priority Rush 1 Business Day	<input checked="" type="checkbox"/>	
Relinquished by sampler <i>Jodi W. Karnes</i>	Date 1/10/92 Time 11:35am	Rush 2 Business Days	<input type="checkbox"/>	
Relinquished by	Date	Time	Received by <i>Van Van Slambrook</i>	
Relinquished by	Date	Time	Received by laboratory	
Relinquished by	Date	Time	Received by laboratory	
			Standard 10 Business Days	<input type="checkbox"/>

ARCO Facility no. 771	City (Facility) Livermore	Project manager (Consultant)	Laboratory name
ARCO engineer Chuck Carmel	Telephone no. (ARCO) 571-2434	Telephone no. (Consultant) (510) 602-2333	Contract number
Consultant name Roux Associates		Address (Consultant) 1855 Gateway Blvd #770 Concord CA	

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX EPA 802	GAS EPA 1631	TPH Modified 8015 Gas Diesel	Oil and Grease 413.1 413.2	TPH EPA 418.1/SM503E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Metals EPA 601/7000	Semi-VOC EPA 601/7000	Lead Org/DHS EPA 7420/7421	STLC Lead	Method of shipment		
			Soil	Water	Other	Ice	Acid																	
CS-17A								1/17/92	11:00		X												Special detection Limit/reporting	
CS-17B									11:02		X													
CS-17C									11:03		X													
CS-17D									11:04		X													Special QA/QC
CS-18A									11:20		X													
CS-18B									11:21		X													
CS-18C									11:23		X													
CS-18D									11:24		X													Remarks
CS-19A									11:30		X													
CS-19B									11:32		X													
CS-19C									11:35		X													
CS-19D									11:36		X													
CS-20A									12:35		X													
CS-20B									12:36		X													Lab number
CS-20C									12:37		X													Turnaround time
CS-20D									12:38		X													Priority Rush 1 Business Day <input checked="" type="checkbox"/>

Condition of sample:				Temperature received:			
Relinquished by sampler <i>Sh White</i>	Date 1/17/92	Time 1300	Received by <i>P. G. Tence ECU #175</i>				
Relinquished by <i>P. G. Tence ECU #175</i>	Date 1/17	Time 1:45pm	Received by <i>Van Stambrook</i>				
Relinquished by	Date	Time	Received by laboratory	Date	Time		

ARCO Facility no. 771	City (Facility) Livermore	Project manager (Consultant) Greg Murphy	Laboratory name
ARCO engineer Chuck Carmel	Telephone no. (ARCO) 571-2434	Telephone no. (Consultant) (510) 602-2323	Contract number
Consultant name Roux Associates	Address (Consultant) 1855 Gateway Blvd. #770 Concord CA		

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX EPA 802/EPA 8020	BTEX/TPH EPA M602/8020/8015 495	TPH Modified 8015 Gas <input type="checkbox"/> Diesel <input type="checkbox"/>	Oil and Grease 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/>	TPH EPA 418.1/SM503E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> Semi Metals <input type="checkbox"/>	CMM Metals EPA 6010/7000 11/1C <input type="checkbox"/> 11/2C <input type="checkbox"/>	Lead Org./DHS <input type="checkbox"/> Lead EPA 7420/7421 <input type="checkbox"/>	Method of shipment		
			Soil	Water	Other	Ice	Acid																
ACS-YAD		4	X			X		1/23/92	11:05		X											2010692AD	Special detection Limit/reporting
																							Special QA/QC
																							Remarks Composite sample
																							Lab number
																							Turnaround time
																							Priority Rush 1 Business Day <input checked="" type="checkbox"/>

Condition of sample:				Temperature received:			
Relinquished by sampler <i>Steve O'Brien</i>	Date 1/23/92	Time 1300	Received by <i>Steve O'Brien</i>	Date 1/23		Time 1:45PM	
Relinquished by <i>[Signature]</i>	Date 1/23		Received by <i>Van Van Stambrook</i>	Date		Time	
Relinquished by	Date	Time	Received by laboratory	Date	Time		

Rush 2 Business Days	<input type="checkbox"/>
Expedited 5 Business Days	<input type="checkbox"/>
Standard 10 Business Days	<input type="checkbox"/>

ARCO Facility no. 771	City (Facility) Livermore	Project manager (Consultant) Greg Murphy	Laboratory name
ARCO engineer Chuck Carmel	Telephone no. (ARCO) 574-2434	Telephone no. (Consultant) (510)602-2333	Contract number
Consultant name Roux Associates	Address (Consultant) 1855 Gateway Blvd #770 Concord CA		

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX EPA 802/EPA 8020	BTEX/TPH EPA 1631/8020/8015 995	TPH Modified 8015 Gas <input type="checkbox"/> Diesel <input type="checkbox"/>	Oil and Grease 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/>	TPH EPA 418.1/SM503E	EPA 801/8010	EPA 824/8240	EPA 625/8270	TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	Semi Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	CAM Metals EPA 801/8010 TTL <input type="checkbox"/> STL <input type="checkbox"/>	Lead Org./DHS <input type="checkbox"/> Lead EPA 7420/7421 <input type="checkbox"/>	Method of shipment		
			Soil	Water	Other	Ice	Acid																	
ACS-17A-D		4	X					2/4/92	1050		X												2020055AD	Special detection Limit/reporting
																								Special QA/QC
																								Remarks
																								1 Composite of 4 samples
																								Lab number
																								Turnaround time

Condition of sample:				Temperature received:			
Relinquished by sampler <i>[Signature]</i>	Date 2/4/92	Time 1120	Received by <i>[Signature]</i>	Date	Time	Received by <i>[Signature]</i>	Time 1122
Relinquished by <i>[Signature]</i>	Date 2-4-92	Time 1155	Received by Kevin Van Slambrook	Date	Time	Received by laboratory	Time
Relinquished by	Date	Time	Received by laboratory	Date	Time	Received by laboratory	Time

Priority Rush 1 Business Day

Rush 2 Business Days

Expedited 5 Business Days

Standard 10 Business Days

ARCO Facility no. 771	City (Facility) Livermore	Project manager (Consultant) Greg Murphy	Laboratory name
ARCO engineer Chuck Carmel	Telephone no. (ARCO) 574-6434	Telephone no. (Consultant) (510)602-2333	Contract number
Consultant name Roux Associates		Address (Consultant) 1855 Gateway Blvd #770 Concord CA	

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX/EPA 8020	BTEX/TPH Gas EPA 8015/8015	TPH Modified 8015 Gas Diesel	Oil and Grease 413.1 413.2	TPH EPA 418.1/SM503E	EPA 801/8010	EPA 824/8240	EPA 826/8270	TCLP Metals VOA VOA	Semi Metals VOA VOA	CAM Metals EPA 8010/7090	TTLC STLC	Lead Org./DHS	Lead EPA 7420/7421	STLC Lead	Method of shipment	
			Soil	Water	Other	Ice	Acid																			
L2B		1	X			X				X																Special detection Limit/reporting
L7B		1	X			X				X																
CS-23A-D		4	X			X				X														X		

Remarks
L2B & L7B on standard Turnaround
CS-23 composite on 48 hour Turnaround.

Condition of sample:				Temperature received:			
Relinquished by sample [Signature]	Date 2/18/92	Time 10:07	Received by [Signature]	Date 2-18-92	Time 10:07 AM	Rush <input checked="" type="checkbox"/>	
Relinquished by	Date	Time	Received by	Date	Time	Expedited <input type="checkbox"/>	
Relinquished by	Date	Time	Received by laboratory	Date	Time	Standard <input checked="" type="checkbox"/>	

APPENDIX D
Soil Disposal Documentation

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -
 BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3

Description of Waste	Quantity				Units	Containers		Type
						No.	Type	
<u>NON HAZARDOUS SOIL</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>8</u>	<u>Y</u>	<u>0</u> / <u>1</u>	<u>T</u>

- Type
- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Todd Ramsden Signature [Signature] Shipment Date 0 1 / 1 1 / 9 2

TRANSPORTER

Truck No. Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. Driver Name (Print) HAROLD HAMPTON
 Address P. O. Box 218 Vehicle License No./State 4E83936
Byron California 94544 Vehicle Certification 205125

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Harold Hampton Shipment Date 0 1 / 1 1 / 9 2 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature [Signature] Receipt Date 0 1 / 1 1 / 9 2

PASS CODE

TRANSPORTER RETAIN

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code	<u>C A</u>	<u>4 0 5</u>	<u>0 1 1 0 9 2</u>	<u>1 1 6 8 3</u>	Containers	Type								
Description of Waste					Quantity	Units	No.	Type						
<u>NON HAZARDOUS SOIL</u>					<u>0 0 0 1 8</u>	<u>Y</u>	<u>0</u>	<u>T</u>						
					<u> </u>	<u> </u>	<u> </u>	<u> </u>						
					<u> </u>	<u> </u>	<u> </u>	<u> </u>						
<table border="1"> <tr> <td>D - Drum</td> </tr> <tr> <td>C - Carton</td> </tr> <tr> <td>B - Bag</td> </tr> <tr> <td>T - Truck</td> </tr> <tr> <td>P - Pounds</td> </tr> <tr> <td>Y - Yards</td> </tr> <tr> <td>O - Other</td> </tr> </table>								D - Drum	C - Carton	B - Bag	T - Truck	P - Pounds	Y - Yards	O - Other
D - Drum														
C - Carton														
B - Bag														
T - Truck														
P - Pounds														
Y - Yards														
O - Other														

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Tom Ransden For ARCO Signature [Signature] Shipment Date 0 1 / 1 9 9 2

TRANSPORTER

Truck No. D1 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. Driver Name (Print) KEN DUARTE
 Address P. O. Box 218 Vehicle License No./State 3X11065 CA.
Byron, California 94544 Vehicle Certification 206022

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 0 1 / 1 4 9 2 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature [Signature] Receipt Date 0 1 / 1 4 9 2

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 5 7 1 2 4 3 4 Phone No.

BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type

Description of Waste	Quantity	Units	No.	Type
<u>NON-HAZARDOUS SOIL</u>	<u>0 0 0 1 8</u>	<u>Y</u>	<u>0 2</u>	<u>T</u>

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name TODD RAMSDEN FOR ARCO Signature *Todd Ramsden* Shipment Date 0 1 1 4 9 2

TRANSPORTER

Truck No. 87 & 87A Phone No. 510-634-6850

Transporter Name Dillard Trucking, Inc. Driver Name (Print) BENJAMIN DILLARD

Address P. O. Box 218 Vehicle License No./State 3H98428
Byron, California 94544 Vehicle Certification 200601 200800

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature *B. Dillard* Shipment Date 0 1 1 4 9 2 Driver Signature *B. Dillard* Delivery Date 0 1 1 4 9 2

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent *[Signature]* Signature *[Signature]* Receipt Date 0 1 1 4 9 2

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo. Ca. 94402 Livermore. California
 Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

RFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 / Type T

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

TODD RAMSON FOR ARCO Todd W. Ramson 0 1 1 4 9 2
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 1648 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. Driver Name (Print) DOUGLAS STEPHEN
 Address P. O. Box 218 Vehicle License No./State 3242615
Byron, California 94544 Vehicle Certification 300821

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Douglas Stephen 0 1 1 4 9 2 Douglas Stephen 0 1 1 4 9 2
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
 Address 4001 North Vasco Rd. Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Max J 0 1 1 4 9 2
 Name of Authorized Agent Signature Receipt Date

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 5 7 1 2 4 3 4 Phone No.

CFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers

Description of Waste	Quantity	Units	Containers		Type
			No.	Type	
NON HAZARDOUS SOIL	<u>0 0 0 1 8</u>	<u>Y</u>	<u>0</u>	<u>T</u>	<u>T</u>

- Type
- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name TODD W RAMENOW FOR ARCO Signature Todd W Ramenow Shipment Date 01/14/92

TRANSPORTER

Truck No. 37 Phone No. 610-634-6850

Transporter Name Dillard Trucking, Inc. Driver Name (Print) Chick McGowan

Address P. O. Box 218 Vehicle License No./State 4C08284
Byron, California 94544 Vehicle Certification 300837

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Chick McGowan Shipment Date 01/14/92 Driver Signature Chick McGowan Delivery Date 01/14/92

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Rog Signature Rog Receipt Date 1/14/92

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type
Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 / Type T

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name JOHN RAMSON Signature [Signature] Shipment Date 0 1 1 4 9 2

TRANSPORTER

Truck No. 31 Phone No. 610-634-6850

Transporter Name Dillard Trucking, Inc. Driver Name (Print) HAROLD HAMPTON

Address P. O. Box 218 Vehicle License No./State 4E83936
Byron, California 94544 Vehicle Certification 205125

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 0 1 1 4 9 2 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1

Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature [Signature] Receipt Date 0 1 1 4 9 2

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California
 Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON-HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 Type T

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

TODD RAMSDEN For ARCO Todd Ramsden 0 1 1 4 9 2
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 37 Phone No. 510-634-8850
 Transporter Name Dillard Trucking, Inc. Driver Name (Print) Charles McGowan
 Address P. O. Box 218 Vehicle License No./State 408284
Byron, California 94544 Vehicle Certification 300837

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Charles McGowan 0 1 1 4 9 2 Charles McGowan 0 1 1 4 9 2
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

 0 1 1 4 9 2
 Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers

Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 / Type T

- Type
- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Todd Ramsden For ARCO Todd W. Ramsden 0 1 1 4 9 2
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 11648 Phone No. 510-634-6850

Transporter Name Dillard Trucking, Inc. Driver Name (Print) Douglas Stephen

Address P. O. Box 218 Vehicle License No./State 3242615
Byron, California 94544 Vehicle Certification 300821

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Douglas Stephen 0 1 1 4 9 1 Douglas Stephen 0 1 1 4 9 2
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

Address

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

 0 1 1 4 9 2
Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 5 7 1 2 4 3 4 Phone No.

BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type

Description of Waste	Quantity		Units	No.	Type
<u>NON HAZARDOUS SOIL</u>	<u>0</u>	<u>0</u>	<u>Y</u>	<u>0</u>	<u>2</u>

- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

TODD RAMSDEN FOR ARCO Todd W. Ramsden 0 1 1 4 9 2
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 87 187A Phone No. 510-634-6850

Transporter Name Dillard Trucking, Inc Driver Name (Print) Brian Connor

Address P. O. Box 218 Vehicle License No./State 3H98428
Byron, California 94544 Vehicle Certification 204601 204800

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

B. Connor 0 1 1 4 9 2 B. Connor 0 1 1 4 9 2
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

KRG 1 14 92
Name of Authorized Agent Signature Receipt Date

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code	<u>C</u>	<u>A</u>	<u>4</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>9</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>6</u>	<u>8</u>	<u>3</u>	Containers	Type								
Description of Waste																	Quantity	Units	No.	Type						
<u>NON-HAZARDOUS SOIL</u>																	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>8</u>	<u>Y</u>	<u>0</u>	<u>1</u>	<u>T</u>	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name TODD RAMSDEN FOR ARCO Signature Todd W Ramsden Shipment Date 0 1 1 4 9 2

TRANSPORTER

Truck No. 01 Phone No. 610-634-6850

Transporter Name Dillard Trucking, Inc. Driver Name (Print) KEN DUARTE
Address P. O. Box 218 Vehicle License No./State 3X11065 CA
Byron, California 94544 Vehicle Certification 206022

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Ken Duarte Shipment Date 0 1 1 4 9 2 Driver Signature Ken Duarte Delivery Date 0 1 1 4 9 2

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 1/14/92

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California
 Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code G A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON-HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 Type T

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

TODD RAMSON FOR ARCO Todd W. Ramson 0 1 1 4 9 2
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 39 Phone No. 510-834-6850
 Transporter Name Dillard Trucking, Inc. Driver Name (Print) Charles McGowan
 Address P. O. Box 218 Vehicle License No./State C408284
Byron, California 94544 Vehicle Certification 300837

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Charles McGowan 0 1 1 4 9 2 Charles McGowan 0 1 1 4 9 2
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

 Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 5 7 1 2 4 3 4 Phone No.

BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type

Description of Waste	Quantity	Units	No.	Type
<u>NON-HAZARDOUS SOIL</u>	<u>0 0 0 1 8</u>	<u>Y</u>	<u>0 /</u>	<u>T</u>

- Type
- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

TODD RAMSDEY For ARCO Todd W. Ramsdey 0 1 1 7 9 2
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 31 Phone No. 510-634-6850

Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) HAROLD HAMPTON

Address P. O. Box 218 Vehicle License No./State 4E83936
Byron, California 94544

Vehicle Certification 205125

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Harold Hampton 0 1 1 4 9 2
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 4 4 7 0 4 9 1

Address 4001 North Vasco Rd. Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Way 7 1 7 9 2
 Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

Waste Code	<u>C</u> <u>A</u>	Description of Waste	Quantity	Units	Containers No.	Containers Type
	<u>4 0 5</u> <u>0 1 1 0 9 2</u>	<u>NON HAZARDOUS SOIL</u>	<u>0 0 0 1 8</u>	<u>Y</u>	<u>0 /</u>	<u>T</u>

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name TODD RAMSDEN For ARCO Signature Todd Ramsden Shipment Date 0 1 1 4 9 2

TRANSPORTER

Truck No. 1648 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) DOUGLAS STEPHENS
 Address P. O. Box 218 Vehicle License No./State 3242615
Byron, California 94544 Vehicle Certification 300821

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Douglas Stephens Shipment Date 0 1 1 4 9 2 Driver Signature Douglas Stephens Delivery Date 0 1 1 4 9 2

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 0 1 1 4 9 2

PASS CODE _____

TRANSPORTER RETAIN

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo. Ca. 94402 Livermore. California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code	<u>C A</u>	<u>4 0 5</u>	<u>0 1 1 0 9 2</u>	<u>1 1 6 8 3</u>	Containers	Type		
Description of Waste					Quantity	Units	No.	Type
<u>NON HAZARDOUS SOIL</u>					<u>0 0 0 1 8</u>	<u>Y</u>	<u>0 /</u>	<u>T</u>

- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

TODD RAMSDEN FOR ARCO Generator Authorized Agent Name
[Signature] Signature
01/14/91 Shipment Date

TRANSPORTER

Truck No. 31 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) HAROLD HAMPTON
 Address P. O. Box 218 Vehicle License No./State 4E 83936
Byron, California 94544 Vehicle Certification 205125

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] Driver Signature
01/14/92 Shipment Date
[Signature] Driver Signature
 Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] Name of Authorized Agent
[Signature] Signature
01/14/92 Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code	Description of Waste	Quantity	Units	Containers		Type
				No.	Type	
<u>C A</u> <u>4 0 5</u> <u>0 1 1 0 9 2</u> <u>1 1 6 8 3</u>	<u>NON-HAZARDOUS SOIL</u>	<u>0 0 0 1 8</u>	<u>Y</u>	<u>0</u>	<u>T</u>	<u>T</u>

- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name TODD RAMSEY FOR ARCO Signature Todd Ramsey Shipment Date 01/14/92

TRANSPORTER

Truck No. 37 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Charles McGowan
 Address P. O. Box 218 Vehicle License No./State C408284
Byron, California 94544 Vehicle Certification 300387

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Charles McGowan Shipment Date 01/14/92 Driver Signature Charles McGowan Delivery Date 01/14/92

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date 01/14/92

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers

Description of Waste	Quantity			Units	No.	Type			
<u>NON HAZARDOUS SOIL</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>8</u>	<u>Y</u>	<u>0</u>	<u>1</u>	<u>T</u>

- Type
D - Drum
C - Carton
B - Bag
T - Truck
P - Pounds
Y - Yards
O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name TODD THOMPSON FOR ARCO Signature Todd Thompson Shipment Date 0 1 1 4 9 2

TRANSPORTER

Truck No. 21 Phone No. 510-634-6850

Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) KEN DUARTE

Address P. O. Box 218 Vehicle License No./State 3X11065 CA.
Byron, California 94544 Vehicle Certification 206022

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Ken Duarte Shipment Date 0 1 1 4 9 2 Driver Signature Ken Duarte Delivery Date 0 1 1 4 9 2

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

Address

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date 0 1 1 4 9 2

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

FI Waste Code	<u>C</u> <u>A</u>	<u>4</u> <u>0</u> <u>5</u>	<u>0</u> <u>1</u> <u>1</u> <u>0</u> <u>9</u> <u>2</u>	<u>1</u> <u>1</u> <u>6</u> <u>8</u> <u>3</u>	Containers	Type
Description of Waste	<u>NON-HAZARDOUS SOIL</u>			Quantity	Units	No. Type
				<u>0</u> <u>0</u> <u>0</u> <u>1</u> <u>8</u>	<u>Y</u>	<u>0</u> <u>2</u> <u>T</u>

- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name TOO RAMSDEN FOR ARCO Signature [Signature] Shipment Date 01/14/83

TRANSPORTER

Truck No. 87987A Phone No. 610-634-6850
 Transporter Name Dillard Trucking, Inc. Driver Name (Print) Brian Stewart
 Address P. O. Box 218 Vehicle License No./State 3H98428
Byron, California 94544 Vehicle Certification 204601204800

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 01/14/83 Driver Signature [Signature] Delivery Date 01/14/83

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 01/14/83

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California
 Phone No. 4 1 5 5 7 1 2 4 3 4 Phone No.

Waste Code	<u>C A</u>	<u>4 0 5</u>	<u>0 1 1 0 9 2</u>	<u>1 1 6 8 3</u>	Containers	Type
Description of Waste	<u>NON-HAZARDOUS SOIL</u>			Quantity	Units	No. Type
				<u>0 0 0 1 8</u>	<u>Y</u>	<u>0 / T</u>

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name TODD RAMSDEN FOR ARCO Signature Todd W. Ramsden Shipment Date

TRANSPORTER

Truck No. 1648 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Douglas Stephen
 Address P. O. Box 218 Vehicle License No./State 32 424 15
Byron, California 94544 Vehicle Certification 300 821

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Douglas Stephen Shipment Date 01 14 92 Driver Signature Douglas Stephen Delivery Date 01 14 92

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date 01 14 92

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

Waste Code	<u>C A</u>	<u>4 0 5</u>	<u>0 1 1 0 9 2</u>	<u>1 1 6 8 3</u>	Containers	Type		
Description of Waste	<u>NON-HAZARDOUS SOIL</u>				Quantity	Units	No.	Type
					<u>0 0 0 1 8</u>	<u>Y</u>	<u>0</u>	<u>T</u>

- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

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Generator Authorized Agent Name TODD RAMSDEN FOR ARCO Signature [Signature] Shipment Date 01/14/82

TRANSPORTER

Truck No. 31 Phone No. 510-334-6650
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) HAROLD HAMPTON
 Address P. O. Box 218 Vehicle License No./State 4E83936
Byron, California 94544 Vehicle Certification 205125

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Generator Signature [Signature] Shipment Date 01/14/82 Driver Signature [Signature] Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 01/14/82

PASS CODE _____

TRANSPORTER RETAIN

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

FI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type
Description of Waste Quantity Units No. Type
NON HAZARDOUS SOIL 0 0 0 1 8 Y 0 T

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Todd Ramken For ARCO Todd W. Ramken 0 1 1 4 9 2
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 39 Phone No. 610-634-6850

Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Charles McGowan

Address P. O. Box 218 Vehicle License No./State C408284
Byron, California 94544 Vehicle Certification 300387

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Charles McGowan 0 1 1 4 9 2 Charles McGowan 0 1 1 4 9 2
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

 0 1 1 4 9 2
Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 5 7 1 2 4 3 4 Phone No.

BFI Waste Code	Description of Waste	Quantity	Units	Containers		Type
				No.	Type	
<u>C A</u>	<u>NON HAZARDOUS SOIL</u>	<u>0 0 0 1 8</u>	<u>Y</u>	<u>0 /</u>	<u>T</u>	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Todd Ramsdell For ARCO Signature Todd W. Ramsdell Shipment Date 0 1 1 4 9 2

TRANSPORTER

Truck No. 21 Phone No. 510-634-6650
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) KEN DUARTE
 Address P. O. Box 218 Vehicle License No./State 2X11065 CA.
Byron, California 94544 Vehicle Certification 2 06022

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Ken Duarte Shipment Date 0 1 1 4 9 2 Driver Signature Ken Duarte Delivery Date 0 1 1 4 9 2

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent 30800 Signature [Signature] Receipt Date 0 1 1 4 9 2

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

Waste Code	<u>C A</u>	<u>4 0 5</u>	<u>0 1 1 0 9 2</u>	<u>1 1 6 8 3</u>	Containers	Type
Description of Waste	<u>NON HAZARDOUS SOIL</u>			Quantity	Units	No. Type
				<u>0 0 0 1 8</u>	<u>Y</u>	<u>0 2 T</u>

- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Todd Ramsden For ARCO Signature Todd W Ramsden Shipment Date 01/14/92

TRANSPORTER

Truck No. 87 + 87A Phone No. 810-634-6850

Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) BEVAN LINDNER

Address P. O. Box 218 Vehicle License No./State 3H98428
Byron, California 94544 Vehicle Certification 204601 204800

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 01/14/92 Driver Signature [Signature] Delivery Date 01/14/92

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 01/14/92

PASS CODE 84880
2000 BFI260-7

TRANSPORTER RETAIN

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

FI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers

Description of Waste	Quantity	Units	Containers	
			No.	Type
<u>NON HAZARDOUS SOIL</u>	<u>0 0 0 1 8</u>	<u>Y</u>	<u>0 /</u>	<u>T</u>

- Type
- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name TODD RAMINEN FOR ARCO Signature [Signature] Shipment Date

TRANSPORTER

Truck No. 1678 Phone No. 510-634-6850

Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Douglas Stephen

Address P. O. Box 218 Vehicle License No./State 3242615
Byron, California 94544 Vehicle Certification 300821

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 01/14/92 Driver Signature [Signature] Delivery Date 01/14/92

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1

Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 01/14/92

PASS CODE _____

TRANSPORTER RETAIN

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo. Ca. 94402 Livermore, California
 Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code	<u>C A</u>	<u>4 0 5</u>	<u>0 1 1 0 9 2</u>	<u>1 1 6 8 3</u>	Containers	Type		
Description of Waste					Quantity	Units	No.	Type
NON HAZARDOUS SOIL					<u>0 0 0 1 8</u>	<u>Y</u>	<u>0</u> / <u>1</u>	<u>T</u>
					<u> </u>	<u> </u>	<u> </u>	<u> </u>
					<u> </u>	<u> </u>	<u> </u>	<u> </u>

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Todd Ramsden For ARCO Signature Todd Ramsden Shipment Date 01/14/92

TRANSPORTER

Truck No. 31 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) HAROLD HAMPTON
 Address P. O. Box 218 Vehicle License No./State 4E-83936
Byron, California 94544 Vehicle Certification 205/25

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Harold Hampton Shipment Date 01/14/92 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date 01/14/92

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers

Description of Waste	Quantity	Units	No.	Type	Type
<u>NON HAZARDOUS SOIL</u>	<u>0 0 0 1 8</u>	<u>Y</u>	<u>0</u> / <u>1</u>	<u>T</u>	<u>D - Drum</u>
					<u>C - Carton</u>
					<u>B - Bag</u>
					<u>T - Truck</u>
					<u>P - Pounds</u>
					<u>Y - Yards</u>
					<u>O - Other</u>

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Generator Authorized Agent Name Todd Ramsden for ARCO Signature Todd W. Ramsden Shipment Date 01/14/92

TRANSPORTER

Truck No. 37 Phone No. 510-634-6850

Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) HAROLD HAMPTON

Address P. O. Box 218 Vehicle License No./State 4E 83936
Byron, California 94544 Vehicle Certification 205125

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Harold Hampton Shipment Date 01/14/92 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1

Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers

Description of Waste	Quantity	Units	No.	Type
<u>NON HAZARDOUS SOIL</u>	<u>0 0 0 1 8</u>	<u>Y</u>	<u>0 /</u>	<u>T</u>

- Type
 D - Drum
 C - Carton
 B - Bag
 T - Truck
 P - Pounds
 Y - Yards
 O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

TODD RAMSDEN FOR ARCO Todd Ramsden
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 13 Phone No. 510-834-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Percy Rogers
 Address P. O. Box 218 Vehicle License No./State 13P486666 Ca.
Byron, California 94544 Vehicle Certification 300860

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Percy Rogers 0 1 1 5 9 2 Percy Rogers 0 1 1 5 9 2
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

MMP 0 1 1 5 9 2
 Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California
 Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code	Description of Waste	Containers		Type	
		Quantity	Units	No.	
					Type
					Type
<u>C A</u>	<u>4 0 5</u>	<u>0 1 1 0 9 2</u>	<u>1 1 6 8 3</u>		
	<u>NON HAZARDOUS SOIL</u>	<u>0 0 0 1 8</u>	<u>Y</u>	<u>0</u>	

- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name TODD RAMSDEN FOR ARCO Signature Todd W Ramsden Shipment Date 01/15/92

TRANSPORTER

Truck No. 39 Phone No. 510-834-8850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Charles McGowan
 Address P. O. Box 218 Vehicle License No./State 4C08284
Byron, California 94544 Vehicle Certification 300387

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Charles McGowan Shipment Date 01/15/92 Driver Signature Charles McGowan Delivery Date 01/15/92

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent MMP Signature MMP Receipt Date 01/15/92

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California
 Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON-HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 Type T

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Todd Ramsden For ARCO Signature Todd W Ramsden Shipment Date 01/15/92

TRANSPORTER

Truck No. 31 Phone No. 510-694-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) HAROLD HAMPTON
 Address P. O. Box 218 Vehicle License No./State 4E83936
Byron, California 94544 Vehicle Certification 205125

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Harold Hampton Shipment Date 01/15/92 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550
 Address

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date 01/15/92

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771

Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 5 7 1 2 4 3 4 Phone No.

FI Waste Code	<u>C</u> <u>A</u>	<u>4</u> <u>0</u> <u>5</u>	<u>0</u> <u>1</u> <u>1</u> <u>0</u> <u>9</u> <u>2</u>	<u>1</u> <u>1</u> <u>6</u> <u>8</u> <u>3</u>	Containers	Type		
Description of Waste					Quantity	Units	No.	Type
<u>NON HAZARDOUS SOIL</u>					<u>0</u> <u>0</u> <u>0</u> <u>1</u> <u>8</u>	<u>Y</u>	<u>0</u> <u>1</u>	<u>T</u>
					<u> </u> <u> </u> <u> </u> <u> </u> <u> </u>	<u> </u>	<u> </u> <u> </u>	<u> </u>
					<u> </u> <u> </u> <u> </u> <u> </u> <u> </u>	<u> </u>	<u> </u> <u> </u>	<u> </u>
							D - Drum	
							C - Carton	
							B - Bag	
							T - Truck	
							P - Pounds	
							Y - Yards	
							O - Other	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name TODD RAMSDEN FOR ARCO Signature Todd W. Ramsden Shipment Date

TRANSPORTER

Truck No. 13 Phone No. 510-634-8850

Transporter Name Dillard Trucking, Inc Driver Name (Print) Percy Rogers

Address P. O. Box 218 Vehicle License No./State BP4866de Ca.
Byron, California 94544 Vehicle Certification 300 860

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Percy Rogers Shipment Date Driver Signature Percy Rogers Delivery Date 011592

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 4 4 7 0 4 9 1
4001 North Vasco Rd, Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent WMP Signature WMP Receipt Date 011592

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo. Ca. 94402 Livermore, California
 Phone No. 4 1 5 5 7 1 2 4 3 4 Phone No.

BFI Waste Code 0 A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON-HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 / Type T

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.
Todd Ramsden For ARCO Todd W Ramsden
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 13 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Percy Rogers
 Address P. O. Box 218 Vehicle License No./State BP48666 Cal
Byron, California 94544 Vehicle Certification 300860

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
Percy Rogers 0 1 1 5 9 2 Percy Rogers 0 1 1 5 9 2
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 4 4 7 0 4 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
 0 1 1 5 9 2
 Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo. Ca. 94402 Livermore. California
 Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 / Type T

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

John Schettel [Signature] 01/15/92
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 31 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) HAROLD HAMPTON
 Address P. O. Box 218 Vehicle License No./State 4E83936
Byron, California 94544 Vehicle Certification 205125

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Harold Hampton 01/15/92 Harold Hampton 01/15/92
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 01/15/92
 Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo. Ca. 94402 Livermore. California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A Description of Waste 4 0 5 0 1 1 0 9 2 Quantity 1 1 6 8 3 Containers No. 0 Type T
NON HAZARDOUS SOIL
 Type
 D - Drum
 C - Carton
 B - Bag
 T - Truck
 P - Pounds
 Y - Yards
 O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name John Schette Signature [Signature] Shipment Date 01/15/92

TRANSPORTER

Truck No. 39 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Charles M. Bowen
 Address P. O. Box 218 Vehicle License No./State 4C08284
Byron, California 94544 Vehicle Certification 300387

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 01/15/92 Driver Signature [Signature] Delivery Date 01/15/92

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
 Address 4001 North Vasco Rd. Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 01/15/92
 PASS CODE 30700

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo. Ca. 94402 Livermore, California
 Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 Type T
 Description of Waste Quantity Units No. Type
 Description of Waste Quantity Units No. Type

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name John Schieffel Signature [Signature] Shipment Date 01/15/92

TRANSPORTER

Truck No. 31 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) HAROLD HAMPTON
 Address P. O. Box 218 Vehicle License No./State 4E83936
Byron, California 94544 Vehicle Certification 205125

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Harold Hampton Shipment Date 01/15/92 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature [Signature] Receipt Date 01/15/92

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ASCO Products Generating Location ASCO Station
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. Type 1

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Mike DiBosio
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 231/100 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print)
 Address P.O. Box 218 Vehicle License No./State
Byron, California 94544 Vehicle Certification

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 9 - 1 1 7 0 1 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

 Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #11
 Address P. O. Box 5811 Address 899 Elwood Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -
 BFI Waste Code C A 4 0 5 0 1 1 0 9 2 1 1 6 8 3 Containers

Description of Waste NON HAZARDOUS SOIL
 Quantity 0 0 0 1 8 Units Y No. 9 Type 1
 Type: D - Drum, C - Carton, B - Bag, T - Truck, P - Pounds, Y - Yards, O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [Signature] Signature [Signature] Shipment Date 0 1 2 0

TRANSPORTER

Truck No. 231/100 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) [Signature]
 Address P. O. Box 218 Vehicle License No./State 527545/CA
Byron, California 94544 Vehicle Certification [Signature]

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
 Driver Signature [Signature] Shipment Date 0 1 2 4 9 2 Driver Signature [Signature] Delivery Date 0 1 2 7 2 2

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 7 0 4 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
 Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 0 1 2 7 2 2

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Products
 Address P. O. Box 5811 Address 899 Eileen Avenue
San Mateo, Ca. 94102 Livermore, Calif

Phone No. 415-571-2431 Phone No.

BFI Waste Code	Description of Waste	Quantity	Units	Containers No.	Type
<u>C A 103 012792</u>	<u>NON HAZARDOUS SOIL</u>	<u>00018</u>	<u>Y</u>	<u>0</u>	<u>T</u>

- Containers**
- D - Drum
 - C - Carton
 - B - Bag
 - T - Truck
 - P - Pounds
 - Y - Yards
 - O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name ARCO 771 Signature [Signature] Shipment Date 012892

TRANSPORTER

Truck No. 231 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1091783 Driver Name (Print) [Signature]
 Address P. O. Box 218 Vehicle License No./State [Signature]
Byron, California 94544 Vehicle Certification 206025

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 012892 Driver Signature [Signature] Delivery Date 012892

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 510-470-1111
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 012892

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location San Mateo, Ca.
 Address P.O. Box 5811 Address 299 Elmwood Ave
San Mateo, Ca. 94402 Livermore, California

Phone No. 415-571-2431 Phone No.

3FI Waste Code	<u>C</u> <u>A</u>	<u>4</u> <u>0</u> <u>5</u>	<u>0</u> <u>1</u> <u>2</u> <u>7</u> <u>9</u> <u>2</u>	<u>1</u> <u>1</u> <u>6</u> <u>8</u> <u>3</u>	Containers	Type
Description of Waste	<u>NON HAZARDOUS SOIL</u>			Quantity	Units	No.
				<u>6</u> <u>0</u> <u>0</u> <u>1</u> <u>8</u>	<u>Y</u>	<u>0</u>

- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name ARCO 771 Signature [Signature] Shipment Date 012892

TRANSPORTER

Truck No. 231 Phone No. 810-631-6850
 Transporter Name Dillard Trucking, Inc. 1001 83 Driver Name (Print) [Signature]
 Address P.O. Box 218 Vehicle License No./State 9235745
Byron, California 94514 Vehicle Certification 206023

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 012892 Driver Signature [Signature] Delivery Date 012892

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 510-117-0101
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 012892

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station 771
 Address P. O. Box 5811 Address 899 Rindon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 1 Phone No. -
 BFI Waste Code C A 4 0 5 0 2 0 3 9 2 1 1 6 8 3

Description of Waste	Quantity	Units	Containers		Type
			No.	Type	
NON HAZARDOUS SOIL	0 0 0 1 8	Y	1	T	T

- Type
- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Signature Shipment Date 0 2 0 5 1 2

TRANSPORTER

Truck No. 13 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Percy Rogers
 Address P. O. Box 218 Vehicle License No./State
Byron, California 94544 Vehicle Certification 300960

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Percy Rogers Shipment Date 0 2 0 5 9 2 Driver Signature Percy Rogers Delivery Date 0 2 0 5 9 2

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 7 0 1 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station
 Address P. O. Box 5811 Address 899 Rincón Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 415-571-2434 Phone No. 925-938-3111
 BFI Waste Code CA405020392 Containers 11683

Description of Waste	Quantity	Units	Containers		Type
			No.	Type	
NON HAZARDOUS SOIL	00018	Y	07	T	D - Drum C - Carton B - Bag T - Truck P - Pounds Y - Yards O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [Signature] Signature [Signature] Shipment Date 020592

TRANSPORTER

Truck No. 13 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) [Signature]
 Address P. O. Box 218 Vehicle License No./State [Signature]
Byron, California 94544 Vehicle Certification J00860

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 020592 Driver Signature [Signature] Delivery Date 020592

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 510-1170101
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature of Authorized Agent [Signature] Signature [Signature] Receipt Date 020592

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station
 Address P. O. Box 5811 Address 899 Ribben Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 415-571-2434 Phone No. 925-938-3116

Waste Code CA405020392 Description of Waste NON HAZARDOUS SOIL
 Containers 1 Type Y
 Quantity 00013 Units Y No. 07 Type Y

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [Signature] Signature [Signature] Shipment Date 020592

TRANSPORTER

Truck No. 13 Phone No. 510-631-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) [Signature]
 Address P. O. Box 218 Vehicle License No./State [Signature]
Byron, California 94544 Vehicle Certification [Signature]

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 020592 Driver Signature [Signature] Delivery Date 020592

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 510-117-0491
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 020592

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #7
 Address P. O. Box 5811 390 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 415-571-2434 Phone No. 925-938-1168
 FI Waste Code CA405020392 Containers 11683
 Description of Waste NON HAZARDOUS SOIL

Quantity	Units	No.	Type
00018	Y	11	1

Type
 D - Drum
 C - Carton
 B - Bag
 T - Truck
 P - Pounds
 Y - Yards
 O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [Signature] Signature [Signature] Shipment Date 020592

TRANSPORTER

Truck No. _____ Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) [Signature]
 Address P. O. Box 218 Vehicle License No./State [Signature]
Byron, California 94544 Vehicle Certification [Signature]

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 020592 Driver Signature [Signature] Delivery Date 020592

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 510-1170491
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature of Authorized Agent [Signature] Signature [Signature] Receipt Date 020592

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station 771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

3FI Waste Code	<u>C A</u>	Description of Waste	<u>4 0 5</u>	<u>0 2 0 3 9 2</u>	<u>1 1 6 8 3</u>	Containers	Type
		<u>NON HAZARDOUS SOIL</u>				Quantity	D - Drum
						Units	C - Carton
						No.	B - Bag
						Type	T - Truck
							P - Pounds
							Y - Yards
							O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [Signature] Signature [Signature] Shipment Date 0 7 0 5 9 2

TRANSPORTER

Truck No. Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) [Signature]
 Address P. O. Box 218 Vehicle License No./State [Signature]
Byron, California 94544 Vehicle Certification [Signature]

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 0 7 0 5 9 2 Driver Signature [Signature] Delivery Date 0 7 0 5 9 2

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 4 7 0 1 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 0 7 0 5 9 2

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station 777
 Address P. O. Box 5811 Address 899 Rincón Avenue
San Mateo, Ca. 94102 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 2 0 3 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 1 Type T
 Quantity Units No. Type
 Quantity Units No. Type

- Type
- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Matthew Dater Signature Matthew Dater Shipment Date 0 1 2 9 7 0

TRANSPORTER

Truck No. 13 Phone No. 510-631-6950
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print)
 Address P. O. Box 218 Vehicle License No./State
Byron, California 94544 Vehicle Certification

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Shipment Date 0 2 0 3 7 0 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 1 7 0 1 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #71
 Address P. O. Box 5811 Address 399 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

3FI Waste Code C A 4 0 5 0 2 0 6 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 8 Units No. 6 / Type T
 Type Legend: D - Drum, C - Carton, B - Bag, T - Truck, P - Pounds, Y - Yards, O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [Signature] Signature [Signature] Shipment Date 0 2 0 7 9 2

TRANSPORTER

Truck No. 13 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) [Signature]
 Address P. O. Box 218 Vehicle License No./State BA 44 1 CA
Byron, California 94514 Vehicle Certification 3000000

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 0 2 0 7 9 2 Driver Signature [Signature] Delivery Date 0 2 0 7 9 2

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 1 7 0 1 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature [Signature] Receipt Date 0 2 0 7 9 2

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO STORAGE TANK
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 415-571-2434 Phone No. 925-938-1168
 FI Waste Code CA405020692 11683 Containers 0/1 Type T

Description of Waste	Quantity	Units	No.	Type
NON HAZARDOUS SOIL	00018	Y	0/1	T

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Neil Kendall Signature [Signature] Shipment Date 02-07-92

TRANSPORTER

Truck No. 13 Phone No. 510-631-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) [Signature]
 Address P. O. Box 218 Vehicle License No./State 1N14 9002
Byron, California 94544 Vehicle Certification 3102800

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 020792 Driver Signature [Signature] Delivery Date 020792

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 510-1170491
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature of Authorized Agent [Signature] Signature [Signature] Receipt Date 020792

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #1
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 415-571-2434 Phone No.
 3FI Waste Code C A 405 020692 11683 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 00018 Units Y No. 0 Type T
 D - Drum
 C - Carton
 B - Bag
 T - Truck
 P - Pounds
 Y - Yards
 O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 13 Phone No. 510-631-6859
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Percy Rogers
 Address P. O. Box 218 Vehicle License No./State BY 07010 Ca.
Byron, California 94544 Vehicle Certification 300000

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Percy Rogers Shipment Date 020792 Driver Signature Percy Rogers Delivery Date 020792

DESTINATION

Name B.F.I. Vasco Road Landfill Phone No. 510-447-0191
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO STORAGE 771
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 415-571-2434 Phone No.
 BFI Waste Code CA405020692 11683 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 00018 Units Y No. 01 Type T
 Description of Waste Quantity Units No. Type
 Description of Waste Quantity Units No. Type

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [Signature] Signature [Signature] Shipment Date

TRANSPORTER

Truck No. 13 Phone No. 510-634-9970
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) [Signature]
 Address P. O. Box 218 Vehicle License No./State [Signature]
Byron, California 94544 Vehicle Certification 300000

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 020792 Driver Signature [Signature] Delivery Date 020792

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 510-1170491
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature of Authorized Agent [Signature] Signature [Signature] Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name Arco Products Generating Location Arco Station #771
 Address PO Box 5811 299 Rinco, Avenue
San Mateo Co. 94402 Livermore Ca.
 Phone No. 415-5712434 Phone No. - - - - -
 FI Waste Code CA 405 020692 11683

Description of Waste	Quantity	Units	Containers		Type
			No.	Type	
<u>NON-HAZARDOUS Soil</u>	<u>00018</u>	<u>Y</u>	<u>01</u>	<u>T</u>	

- Type
 D - Drum
 C - Carton
 B - Bag
 T - Truck
 P - Pounds
 Y - Yards
 O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Rick Kendall EDC Arco Signature Rick Kendall Shipment Date 02-27-92

TRANSPORTER

Truck No. 13 1001/83 Phone No. 510 634-6850
 Transporter Name Dillard Trucking Inc. Driver Name (Print) Percy Rogers
 Address PO Box 218 Vehicle License No./State BR48666 Co.
Byron, Co. 94544 Vehicle Certification 300860

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Percy Rogers Shipment Date 020792 Driver Signature Percy Rogers Delivery Date 020792

DESTINATION

Site Name BFI Vasco Road Landfill Phone No. 510-4470991
 Address 4001 North Vasco Rd. Livermore 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent _____ Signature [Signature] Receipt Date 02-27-92

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station 171
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

3FI Waste Code C A 1 0 5 0 2 0 6 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 3 Units Y No. 0 1 Type T
 D - Drum
 C - Carton
 B - Bag
 T - Truck
 P - Pounds
 Y - Yards
 O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jim Jester For ARCO [Signature] 0 2 2 7 0 0
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. 1 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) [Signature]
 Address P. O. Box 218 Vehicle License No./State 711 1011
Byron, California 94544 Vehicle Certification 20-357

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 0 2 2 7 9 2 [Signature] 0 2 2 7 9 2
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 1 7 0 1 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 0 2 2 7 9 2
 Name of Authorized Agent Signature Receipt Date

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #11
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

Waste Code C A 4 0 5 0 1 1 4 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 / Type T
 Quantity Units No. Type
 Quantity Units No. Type

- Type
- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name James Vestes For ARCO Signature [Signature] Shipment Date 0 2 2 4 9 2

TRANSPORTER

Truck No. 1 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) [Signature]
 Address P. O. Box 218 Vehicle License No./State MC 1001
Byron, California 94544 Vehicle Certification 704 350

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
 Driver Signature [Signature] Shipment Date 0 2 2 4 9 2 Driver Signature [Signature] Delivery Date 0 2 2 4 9 2

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 1 7 0 4 9 1
 Address 1001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
 Signature of Authorized Agent [Signature] Signature [Signature] Receipt Date 0 2 2 4 9 2

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -
 BFI Waste Code C A 4 0 5 0 1 1 4 9 2 1 1 6 8 3

Description of Waste	Quantity	Units	Containers		Type
			No.	Type	
NON HAZARDOUS SOIL	0 0 0 2 2	Y	0 /	T	D - Drum C - Carton B - Bag T - Truck P - Pounds Y - Yards O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [Signature] Signature [Signature] Shipment Date

TRANSPORTER

Truck No. 1 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) [Signature]
 Address P. O. Box 218 Vehicle License No./State [Signature]
Byron, California 94544 Vehicle Certification [Signature]

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 0 2 2 1 9 2 Driver Signature [Signature] Delivery Date 0 2 2 1 9 2

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 1 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature [Signature] Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #71
 Address P. O. Box 5811 Address 899 Kinross Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

3FI Waste Code C A 4 0 5 0 1 1 4 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 0 Units Y No. 0 Type T
 D - Drum
 C - Carton
 B - Bag
 T - Truck
 P - Pounds
 Y - Yards
 O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Joe Dan Beste Generator Authorized Agent Name Signature 022612 Shipment Date

TRANSPORTER

Truck No. Phone No. 510-631-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) JIM BURNETT
 Address P. O. Box 218 Vehicle License No./State 3X74359
Byron, California 94544 Vehicle Certification

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Jim Burnett Driver/Signature 022842 Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 1 7 0 1 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

 Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 1 1 4 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. Type T

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Joe Don Beste [Signature] 0 2 2 8 9 2
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Truck No. Phone No. 510-631-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) JIM McNETT
 Address P. O. Box 218 Vehicle License No./State 3X24789
Byron, California 94544 Vehicle Certification

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
[Signature] 0 2 2 8 9 2
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 1 7 0 1 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
 [Signature] 0 2 2 8 9 2
 Name of Authorized Agent Signature Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station
 Address P. O. Box 5811 Address 899 Pincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 1 1 4 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 Type I
 Quantity Units No. Type
 Quantity Units No. Type

- Type
- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

McDon Beste Generator Authorized Agent Name [Signature] Signature 072012 Shipment Date

TRANSPORTER

Truck No. Phone No. 510-631-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) SIM BLINNETT
 Address P. O. Box 218 Vehicle License No./State 3X74359
Bvron, California 94544 Vehicle Certification

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] Driver Signature 022892 Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 1 7 0 4 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

 Name of Authorized Agent [Signature] Signature 022892 Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station 771
 Address P. O. Box 5811 Address 899 Rincón Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 3 1 2 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 1 Units Y No. 1 Type 1
 (Type Legend: D - Drum, C - Carton, B - Bag, T - Truck, P - Pounds, Y - Yards, O - Other)

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Robert Spall Signature [Signature] Shipment Date 1 3 1 5 9 2

TRANSPORTER

Truck No. 5 Phone No. 510-631-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Jalco L. [Signature]
 Address P. O. Box 218 Vehicle License No./State 6 HELLAS
Bvron. California 94544 Vehicle Certification 204316

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
 Driver Signature [Signature] Shipment Date 0 3 1 3 9 2 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 4 7 0 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
 Name of Authorized Agent Signature [Signature] Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #771
 Address P. O. Box 5811 Address 399 Rincon Avenue
Son Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

BFI Waste Code C A 4 0 5 0 3 1 2 9 2 1 1 6 8 3 Containers Type

Description of Waste	Quantity	Units	Containers		Type
			No.	Type	
NON HAZARDOUS SOIL	0 0 0 1 8	Y	1	T	D - Drum
					C - Carton
					B - Bag
					T - Truck
					P - Pounds
					Y - Yards
					O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name ARCO Signature [Signature] Shipment Date 0 3 1 2

TRANSPORTER

Truck No. 5 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) John H. Hester
 Address P. O. Box 218 Vehicle License No./State WV KE11185
Evron, California 94544 Vehicle Certification 204386

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
 Driver Signature [Signature] Shipment Date 0 3 1 2 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 4 7 0 1 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
 Name of Authorized Agent Signature [Signature] Receipt Date 0 3 1 2

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #71
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -
 FI Waste Code C A 4 0 5 0 3 1 2 9 2 1 1 6 8 3

Description of Waste	Quantity	Units	Containers		Type
			No.	Type	
NON HAZARDOUS SOIL	0 0 0 1 8	Y	0 1	T	T

- Type
- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [Signature] Signature [Signature] Shipment Date 0 5 / 3 / 2

TRANSPORTER

Truck No. 5 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) John Wheeler
 Address P. O. Box 218 Vehicle License No./State WHEELERS
Byron, California 94544 Vehicle Certification 204356

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Generator Signature [Signature] Shipment Date 0 3 / 3 / 2 Driver Signature Delivery Date

DESTINATION

Destination Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 1 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature [Signature] Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station 771
 Address P. O. Box 5811 Address 899 Ripcon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No.

3FI Waste Code C A 1 0 5 0 3 1 2 9 2 1 1 6 8 3 Containers
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 0 Units Y No. 0 1 Type T
 Type: D - Drum, C - Carton, B - Bag, T - Truck, P - Pounds, Y - Yards, O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [Signature] Signature [Signature] Shipment Date 0 3 1 3

TRANSPORTER

Truck No. 5 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Jake Wheeler
 Address P. O. Box 218 Vehicle License No./State W1466125
Bvron, California 94544 Vehicle Certification 204356

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
 Driver Signature [Signature] Shipment Date 0 3 1 3 9 2 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 4 4 7 0 1 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
 Name of Authorized Agent Signature [Signature] Receipt Date 0 3 1 3 9 2

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station 1771
 Address P. O. Box 5811 Address 899 Elwood Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

FI Waste Code C A 4 0 5 0 3 1 2 9 2 1 J G 2 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 0 Units Y No. 0 1 Type T
794/100
30

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [Signature] Signature [Signature] Shipment Date 0 5 / 8 1 2

TRANSPORTER

Truck No. 5 Phone No. 510-631-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Jako Wheeler
 Address P. O. Box 218 Vehicle License No./State 61HBLERS
Byron, California 94544 Vehicle Certification 224366

I hereby certify that the above named material was picked up at the generator's site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 0 3 1 3 9 2 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 1 7 0 1 9 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature [Signature] Receipt Date 0 3 / 8 9 2

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #11
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

FI Waste Code	<u>C</u> <u>A</u>	<u>4</u> <u>0</u> <u>5</u>	<u>0</u> <u>3</u> <u>1</u> <u>2</u> <u>9</u> <u>2</u>	<u>1</u> <u>1</u> <u>6</u> <u>8</u> <u>3</u>	Containers	Type		
Description of Waste					Quantity	Units	No.	Type
<u>NON HAZARDOUS SOIL</u>					<u>0</u> <u>0</u> <u>0</u> <u>1</u> <u>P</u>	<u>Y</u>	<u>1</u>	<u>1</u>

- D - Drum
- C - Carton
- B - Bag
- T - Truck
- P - Pounds
- Y - Yards
- O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Miss. Joub. Spivey Signature [Signature] Shipment Date

TRANSPORTER

Truck No. 5 Phone No. 510-634-6850
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) Jake Wheeler
 Address P. O. Box 218 Vehicle License No./State WHEELER5
Byron, California 94544 Vehicle Certification 201356

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.
 Driver Signature [Signature] Shipment Date 031392 Driver Signature Delivery Date

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 4 7 0 4 9 1
4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
 Name of Authorized Agent Signature [Signature] Receipt Date

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name ARCO Products Generating Location ARCO Station #71
 Address P. O. Box 5811 Address 899 Rincon Avenue
San Mateo, Ca. 94402 Livermore, California

Phone No. 4 1 5 - 5 7 1 2 4 3 4 Phone No. -

3FI Waste Code C A 4 0 5 0 3 1 2 9 2 1 1 6 8 3 Containers Type
 Description of Waste NON HAZARDOUS SOIL Quantity 0 0 0 1 8 Units Y No. 0 7 Type T
 D - Drum
 C - Carton
 B - Bag
 T - Truck
 P - Pounds
 Y - Yards
 O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name ARCO-Doug Smith Signature [Signature] Shipment Date 0 3 1 3 2

TRANSPORTER

Truck No. 87 + 874 Phone No. 510-634-6950
 Transporter Name Dillard Trucking, Inc. 1001/83 Driver Name (Print) [Name]
 Address P. O. Box 218 Vehicle License No./State [License]
Byron, California 94544 Vehicle Certification 30084

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 0 3 1 3 2 Driver Signature [Signature] Delivery Date 0 3 1 3 2

DESTINATION

Site Name B.F.I. Vasco Road Landfill Phone No. 5 1 0 - 1 4 7 0 1 0 1
 Address 4001 North Vasco Rd., Livermore, Ca. 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Name] Signature [Signature] Receipt Date 11/13/87

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name Arco Products Generating Location Arco Station #771
 Address P.O. Box 5811 Address _____
San Mateo, CA 94402

Phone No. 415-5712434 Phone No. _____

FI Waste Code LA 405 031292 11683 Containers _____
 Description of Waste Non Hazardous Soil Quantity 9000 Units 8 No. 01 Type T
 Type: D - Drum, C - Carton, B - Bag, T - Truck, P - Pounds, Y - Yards, O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name ARCO Doug Spallin Signature _____ Shipment Date 031372

TRANSPORTER

Truck No. 5 Phone No. 510-634-6150
 Transporter Name Dillard Trucking Driver Name (Print) Jules L. Huchler
 Address P.O. Box 218 Vehicle License No./State WHELF 15
Byron, CA 94544 Vehicle Certification 294256

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Jules L. Huchler Shipment Date 031392 Driver Signature _____ Delivery Date _____

DESTINATION

Site Name B.F.I. Vasco Rd Land Fill Phone No. 510-4770471
 Address 4001 N. Vasco Rd. Livermore, CA 94550

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent _____ Signature _____ Receipt Date 031372

PASS CODE _____