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Transmittal/Memorandum

To: Ms. Susan Hugo
Alameda County Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

From: Paul Supple *RS*

Date: July 14, 1992

Subject: Underground Storage Tank Removal and Soil Sampling Report
ARCO Facility No. 2169
889 West Grand Avenue, Oakland, California

Job No.: A133W01

Remarks: Enclosed is one copy of the subject report for your files.

cc: Mr. Chris Winsor, ARCO Products Company
Mr. Michael Whelan, ARCO Products Company
Mr. Richard Hiatt, Regional Water Quality Control Board
Mr. John Vargas, GeoStrategies Inc.

**UNDERGROUND STORAGE TANK
REMOVAL AND SOIL SAMPLING**

**ARCO Facility No. 2169
889 West Grand Avenue
Oakland, California**

July 14, 1992

Prepared for:

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

Prepared by:

**ROUX ASSOCIATES
1855 Gateway Boulevard, Suite 770
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TITLE: Underground Storage Tank Removal and Soil Sampling
ARCO Facility No. 2169
889 West Grand Avenue
Oakland, California

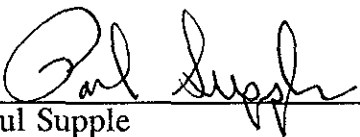
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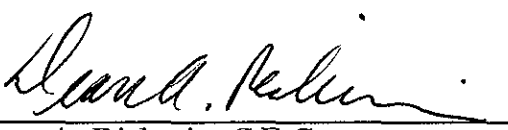
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This work was done under the direction of the undersigned California Registered Geologist.

PREPARED BY:



Paul Supple
Senior Hydrogeologist



Dean A. Richesin, C.E.G.
Certified Engineering Geologist #1055



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1.0 INTRODUCTION

This report describes the removal and installation of underground storage tanks (USTs) and presents soil sampling analytical data at ARCO Products Company (ARCO) Facility No. 2169 located at 889 West Grand Avenue, Oakland, California (Site). ARCO authorized Roux Associates (Roux) under ARCO Task Order No. 2169-92-1, 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.

Soil samples were collected from the sidewalls of the former tank cavity, from beneath the removed product lines, from the excavated soil stockpiles, and from the aerated soil stockpiles. Tank removal and installation activities, and associated efforts were conducted between January 13, 1992 and April 23, 1992. The work performed by Roux was conducted by Roux field personnel under the direction of Mr. Dean A. Richesin, California Certified Engineering Geologist Number 1055.

2.0 SITE DESCRIPTION

ARCO Facility No. 2169 is an operating self-service gasoline station and ARCO AM/PM mini-market located at the southeast corner of the intersection of West Grand Avenue and Market Street in Oakland, California (Figure 1). The Site is a relatively flat asphalt and concrete covered lot, at an elevation of about 15 ft. above mean sea level (USGS, 1980). Topography in the Site area slopes gently (less than 1 percent) toward the west.

The removed tanks included four single-wall USTs (one 12,000-gallon fiberglass UST, one 8,000-gallon steel UST, and two 6,000-gallon steel USTs) formerly located in a common tank cavity south of the ARCO AM/PM building (Figure 2). Currently, Site features include an ARCO AM/PM building, four pump islands, and four newly installed, double-wall 10,000-gallon fiberglass USTs located in a common tank cavity on the northwest corner of the Site.

3.0 GEOLOGY AND HYDROGEOLOGY

The Site is located on the East Bay Plain, an area of generally low relief lying between San Francisco Bay to the west and the hills of the Coast Range to the east. The Site is about 0.5 mile east of San Francisco Bay. The East Bay Plain is underlain by about 1,000 ft. of unconsolidated Quaternary sediments (Hickenbottom and Muir, 1988). Shallow subsurface deposits in the plain generally consist of interbedded clay, silt, and sand with minor gravel. The soils in the vicinity of the Site have been mapped as Quaternary bay mud, which is composed of unconsolidated dark clay and silty clay with abundant organic materials (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 clay and silt to a depth of 14 ft. below ground surface (bgs), underlain by sand to the total explored depth of 20 ft. bgs. Ground water was encountered at a depth of about 13.5 ft. bgs in a soil boring drilled at the Site in May, 1991 (GeoStrategies, 1991a). Ground water stabilized at a depth of about 13 ft. bgs in both the new and former tank cavities in January, 1992.

4.0 PREVIOUS INVESTIGATIONS

In May, 1991, GeoStrategies, Inc., conducted a preliminary tank replacement assessment (predrill) at the Site (GeoStrategies, 1991a). The purpose of the predrill was to evaluate the extent of hydrocarbons in the subsurface at the existing UST location prior to the planned removal of the tanks. The investigation consisted of drilling and sampling four 15- to 20-foot deep soil borings in the area of the existing USTs and one 15-foot deep boring in the proposed location of the new USTs.

The predrill boreholes encountered unconsolidated sediments consisting predominantly of clay and silt to a depth of 14 ft. bgs. Sand occurred from 14 ft. to the total explored depth of 20 ft. Ground water was encountered at a depth of about 13.5 ft. bgs. Laboratory analyses of soil samples collected from the boreholes drilled adjacent to the existing tanks indicated detectable concentrations of total petroleum hydrocarbons as gasoline, total petroleum hydrocarbons as diesel, and benzene, toluene, ethylbenzene and total xylenes. At the time of the predrill, a well of unknown origin was decommissioned by hydraulically pulling out the pipe, drilling out the hole with 12-inch augers to a depth of 20 feet and backfilling with neat cement to the surface (Alameda County permit No. 91261). Prior to decommissioning, about 20 gals. of water and separate phase product was removed from the well (GeoStrategies, 1991b).

5.0 TANK EXCAVATION, REMOVAL AND SAMPLING

This section describes the following activities:

- Tank Removal and Over-Excavation
- Soil Sampling at the Limits of the Former Tank Cavity
- Soil Sampling Below Removed Product Lines
- Excavation of New Tank Cavity and Installation of New USTs
- Laboratory Analyses

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

5.1 Tank Removal and Over-Excavation

Golden West Environmental Services of Brentwood, California (Golden West) began the excavations needed to remove the old gasoline tanks on January 13, 1991. The pavement overlying the old tanks was cut and removed, and the fill material in the tank cavity was excavated to the tops of the USTs. The pea gravel surrounding the fiberglass UST and the sand surrounding the steel USTs were removed from the cavity and stockpiled on-site.

On the morning of January 16, 1992, Golden West placed dry ice in the four USTs to reduce the possibility of combustion during removal and transportation. Fuel vapors in the tanks were monitored for the presence of explosive conditions by Mr. Tony Gonzalez of Golden West.

Vapor levels were determined to be within acceptable limits for removal by Ms. Christine Myer of the City of Oakland Fire Prevention Bureau.

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 Mr. Dennis Byrne of the Alameda County Department of Environmental Health (ACDEH) and Roux. All tanks appeared to be in good condition. There were no visible holes in the tanks, except for a puncture in the diesel tank (T4) caused by the excavator when removing the tank. The four USTs were loaded onto H&H Environmental Service (H&H) trucks and transported from the Site to H&H's facility in San Francisco, California.

Following removal of the USTs, Golden West excavated the fill material and loose soil inside the tank cavity down to the ground water surface at a depth of about 13 ft. bgs. The fill material and soil were stockpiled on-site. Golden West began backfilling the former tank cavity on February 25, 1992. The lower 3 ft. of the tank cavity was backfilled with imported pea gravel. The remainder of the former tank cavity was backfilled to ground surface with imported aggregate base rock.

5.2 Soil Sampling at the Limits of the Former Tank Cavity

Soil sampling in the former UST cavity was done immediately after the removal of the tanks on January 16, 1992. Nine soil samples were collected from the sidewalls of the excavation at a depth of 12 ft. bgs, about 1 ft. above the water table. The samples were collected from

locations selected by Mr. Dennis Byrne of the ACDEH (Figure 3). One soil sample was collected from the excavation sidewall at each end of each removed UST, and one additional sample (SW-7) was collected from the western sidewall near the middle of the removed 12,000-gallon fiberglass tank (T1).

Soil from the sidewalls of the excavation was brought up to the surface in the bucket of the excavator. All soil samples were then collected in 2-inch diameter by 4-inch long, clean stainless steel tubes. Six to twelve inches of soil were scraped away from the surface. A stainless steel tube was driven with a rubber mallet into the newly 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, and sealed with duct tape. The samples were labeled with the project name, time, date, sample identification number and sampler's initials, and placed in a plastic bag. All samples were stored on ice in a cooler chest until delivered to the laboratory. Chain-of-Custody documentation was maintained for all samples.

5.3 Soil Sampling Below Removed Product Lines

Sampling of the soil beneath the removed product lines took place on February 19, 1992. Roux collected five soil samples from the bottom of the product line trenches at locations selected by Mr. Dennis Byrne of the ACDEH (Figure 3). All of the samples were collected at a depth of about 3 to 4 ft. bgs. The product line samples were collected in stainless steel tubes and

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Following removal of the USTs, Golden West excavated the fill material and loose soil inside the tank cavity down to the ground water surface at a depth of about 13 ft. bgs. The fill material and soil were stockpiled on-site. Golden West began backfilling the former tank cavity on February 25, 1992. The lower 3 ft. of the tank cavity was backfilled with imported pea gravel. The remainder of the former tank cavity was backfilled to ground surface with imported aggregate base rock.

5.2 Soil Sampling at the Limits of the Former Tank Cavity

Soil sampling in the former UST cavity was done immediately after the removal of the tanks on January 16, 1992. Nine soil samples were collected from the sidewalls of the excavation at a depth of 12 ft. bgs, about 1 ft. above the water table. The samples were collected from

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Soil from the sidewalls of the excavation was brought up to the surface in the bucket of the excavator. All soil samples were then collected in 2-inch diameter by 4-inch long, clean stainless steel tubes. Six to twelve inches of soil were scraped away from the surface. A stainless steel tube was driven with a rubber mallet into the newly 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, and sealed with duct tape. The samples were labeled with the project name, time, date, sample identification number and sampler's initials, and placed in a plastic bag. All samples were stored on ice in a cooler chest until delivered to the laboratory. Chain-of-Custody documentation was maintained for all samples.

5.3 Soil Sampling Below Removed Product Lines

Sampling of the soil beneath the removed product lines took place on February 19, 1992. Roux collected five soil samples from the bottom of the product line trenches at locations selected by Mr. Dennis Byrne of the ACDEH (Figure 3). All of the samples were collected at a depth of about 3 to 4 ft. bgs. The product line samples were collected in stainless steel tubes and

prepared for transport to the laboratory in the same manner utilized when sampling the sidewall of the former tank cavity.

Laboratory analyses of soil sample LINE-4 collected from below the removed product lines adjacent to the diesel pump island indicated total petroleum fuel hydrocarbons as high boiling point hydrocarbons (TPH-D) at a concentration of 460 mg/kg. Mr. Byrne of the ACDEH suggested over-excavation in the vicinity of the diesel pump island to remove soil containing TPH-D. Golden West over-excavated soil from the product line trench in the vicinity of the diesel pump island until further excavation would have endangered the existing canopy structure. Roux collected one additional soil sample (LINE-4A) from the floor of the excavation directly below sample location L4 on March 3, 1992. Sample LINE-4A was collected at a depth of 7 ft. bgs. The sample was collected in a stainless steel tube and prepared for transport to the laboratory in the same manner utilized when the sidewalls of the former tank cavity were sampled.

5.4 Excavation of New Tank Cavity and Installation of the New USTs

Beginning on January 16, 1992, Golden West shored the perimeter of the new tank cavity with steel sheet piles. Golden West then excavated all of the soil inside of the shoring to a depth of about 14 ft. bgs. The soil excavated from the new tank cavity was stockpiled on-site. Golden West installed four new, double-wall, 10,000-gallon fiberglass USTs on February 13, 1992. As-Built drawings of the new USTs and piping systems will be prepared by Barghausen Consulting

2.0 SITE DESCRIPTION

ARCO Facility No. 2160 is an operating self-service gasoline station and ARCO AM/PM mini-

6.0 EXCAVATED SOIL STOCKPILING, SAMPLING AND DISPOSAL

This section describes the following activities:

- Soil Stockpiling and Sampling
- Aeration and Disposal of Stockpiled Soil
- Disposal of Water

6.1 Soil Stockpiling and Sampling

The pea gravel and sand fill material and native soil excavated from the former UST cavity, from the piping trenches, and from the new UST cavity were stockpiled on-site (Figure 4). Composite samples were collected from the stockpiles to characterize the soil for disposal.

Roux collected four soil samples from each 50 cu. yds. of stockpiled soil. To prepare the soil for sampling, six to twelve inches of soil were scraped away from the surface of the stockpile. Samples were collected from the prepared surface. Stockpile samples were collected in stainless steel tubes and prepared for transport to the laboratory in the same manner utilized when sampling the sidewalls of the former tank cavity were sampled.

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 stockpile samples into one composite sample for analysis. A total of 36 composite samples were analyzed for TPH-G and TPH-D by USEPA Method 8015 and BTEX by USEPA Method 8020.

Table 2 summarizes the laboratory analytical data for the former tank cavity and piping trench stockpile samples. Table 3 summarizes the laboratory analytical data for the new tank cavity stockpile samples. Laboratory analytical reports and Chain-of-Custody documentation forms are presented in Appendix B.

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. Laboratory analytical data for soil stockpiles containing less than 100 mg/kg TPH-G were provided to the Redwood Landfill in Novato, California (Redwood). Following approval from Redwood, the soil stockpiles containing less than 100 mg/kg TPH-G were removed from the Site beginning on February 10, 1992 by Dillard Trucking of Byron, California (Dillard) and transported to the Redwood landfill.

The 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 30, 1992. Aeration of the soil stockpiles began on February 10, 1992, and was accomplished by spreading the soil out in a thin layer, breaking the soil apart with a loader or rototiller, and repeatedly turning the soil over to promote evaporation of volatile hydrocarbons. After aeration for varying time periods, each pile of approximately 50 cu. yds. of soil was resampled. A total of 23 composite samples were collected and analyzed in the same manner as the pre-aeration soil stockpiles. Table 4 summarizes the laboratory analytical data for the aerated stockpile samples.

Laboratory analytical reports and Chain-of-Custody documentation forms are presented in Appendix B.

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 stockpiles was provided to Redwood. Following approval from Redwood, the aerated soil stockpiles were removed and transported by Dillard to the Redwood facility. Removal of the soil from the Site was completed on April 23, 1992. A total of 2,196 cubic yards of soil was transported from the Site to the Redwood landfill. Disposal documentation for all soil removed from the Site is included in Appendix C.

6.3 Disposal of Water

Construction activities required the removal of water from the former tank cavity on February 25, 1992. Water was pumped from the excavation directly into H&H vacuum trucks. A total of about 10,000 gals. of water was transported by H&H to their facility in San Francisco, California for disposal. Water disposal documentation is given in Appendix D.

7.0 INSTALLATION OF CONDUCTOR CASING, VAULT BOXES AND PVC PIPING

ARCO plans to implement vapor and ground water extraction/treatment systems to remediate the hydrocarbons in the soil and ground water at the Site. To reduce future trenching, vault boxes, horizontal piping and a conductor casing associated with the remediation systems were installed by Golden West concurrently with the installation of the new product tanks and piping (Figure 5). One 12-inch diameter, 13-foot long, slotted PVC conductor casing was installed in the new UST cavity. ARCO plans to drill a soil boring and install a ground water extraction well through the conductor casing. Seven vault boxes were installed at locations where ARCO plans to drill soil borings, install vapor extraction and ground water monitoring wells, or install treatment systems. Assorted horizontal PVC piping was installed in subsurface trenches between the vault boxes in accordance with the engineering design by GeoStrategies, Inc. As-Built drawings showing vault box and piping details are available from GeoStrategies, Inc. This piping will allow for connection of the wells to treatment systems in the future.

8.0 SUMMARY OF RESULTS

The following section summarizes the UST and piping replacement activities, soil stockpile disposal, and the soil sampling analytical data for 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 a new tank cavity on the northern portion of the Site. The former tank cavity was backfilled with pea gravel and aggregate base rock.

8.2 Petroleum Hydrocarbons in Soil at the Limits of the Former Tank Cavity

Laboratory analyses of nine soil samples collected from the sidewalls of the former tank cavity at a depth of 12 ft. bgs indicated TPH-G concentrations ranging from 3.0 mg/kg (ppm) to 1,200 mg/kg, TPH-D concentrations from not-detected to 620 mg/kg, and BTEX concentrations from not-detected to 140 mg/kg (Table 1). Soil sample SW-1, collected from the fill end of the removed 6,000-gallon diesel UST, contained the highest concentrations of TPH-G, TPH-D, and BTEX.

prepared for transport to the laboratory in the same manner utilized when sampling the sidewall of the former tank cavity.

Laboratory analyses of soil sample LINE-4 collected from below the removed product lines adjacent to the diesel pump island indicated total petroleum fuel hydrocarbons as high boiling point hydrocarbons (TPH-D) at a concentration of 460 mg/kg. Mr. Byrne of the ACDEH suggested over-excavation in the vicinity of the diesel pump island to remove soil containing TPH-D. Golden West over-excavated soil from the product line trench in the vicinity of the diesel pump island until further excavation would have endangered the existing canopy structure. Roux collected one additional soil sample (LINE-4A) from the floor of the excavation directly below sample location L4 on March 3, 1992. Sample LINE-4A was collected at a depth of 7 ft. bgs. The sample was collected in a stainless steel tube and prepared for transport to the laboratory in the same manner utilized when the sidewalls of the former tank cavity were sampled.

5.4 Excavation of New Tank Cavity and Installation of the New USTs

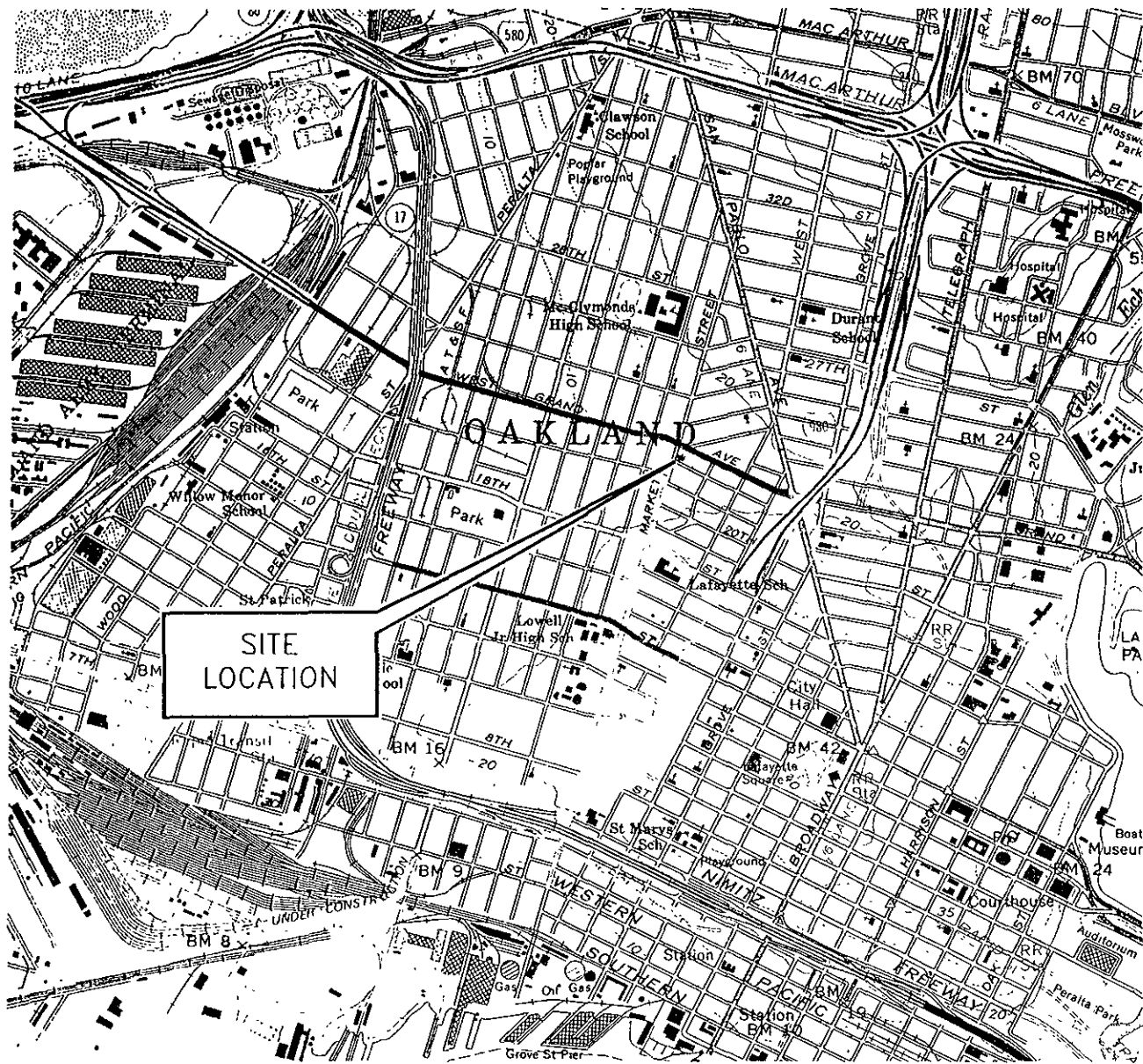
Beginning on January 16, 1992, Golden West shored the perimeter of the new tank cavity with steel sheet piles. Golden West then excavated all of the soil inside of the shoring to a depth of about 14 ft. bgs. The soil excavated from the new tank cavity was stockpiled on-site. Golden West installed four new, double-wall, 10,000-gallon fiberglass USTs on February 13, 1992. As-Built drawings of the new USTs and piping systems will be prepared by Barghausen Consulting

9.0 REFERENCES

- GeoStrategies, 1991a. Preliminary Tank Replacement Assessment, ARCO Service Station No. 2169, 889 West Grand Avenue, Oakland, California. July 1, 1991.
- GeoStrategies, 1991b. Work Plan, ARCO Service Station No. 2169, 889 West Grand Avenue, Oakland, California. September 5, 1991.
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TABLES

FIGURES



SOURCE:

USGS 7.5 MINUTE QUADRANGLE OF OAKLAND WEST, CALIFORNIA, 1980.



ROUX
 ROUX ASSOCIATES, INC.
 ENVIRONMENTAL CONSULTING
 & MANAGEMENT

COMPILED BY: T.R.
 PREPARED BY: R.P.
 PROJECT MNGR. P.S.
 DATE: 05/92
 SCALE: AS SHOWN
 PROJECT NO. A133W01
 FILE NAME: 2169TOPO

PREPARED FOR:

ARCO PRODUCTS COMPANY

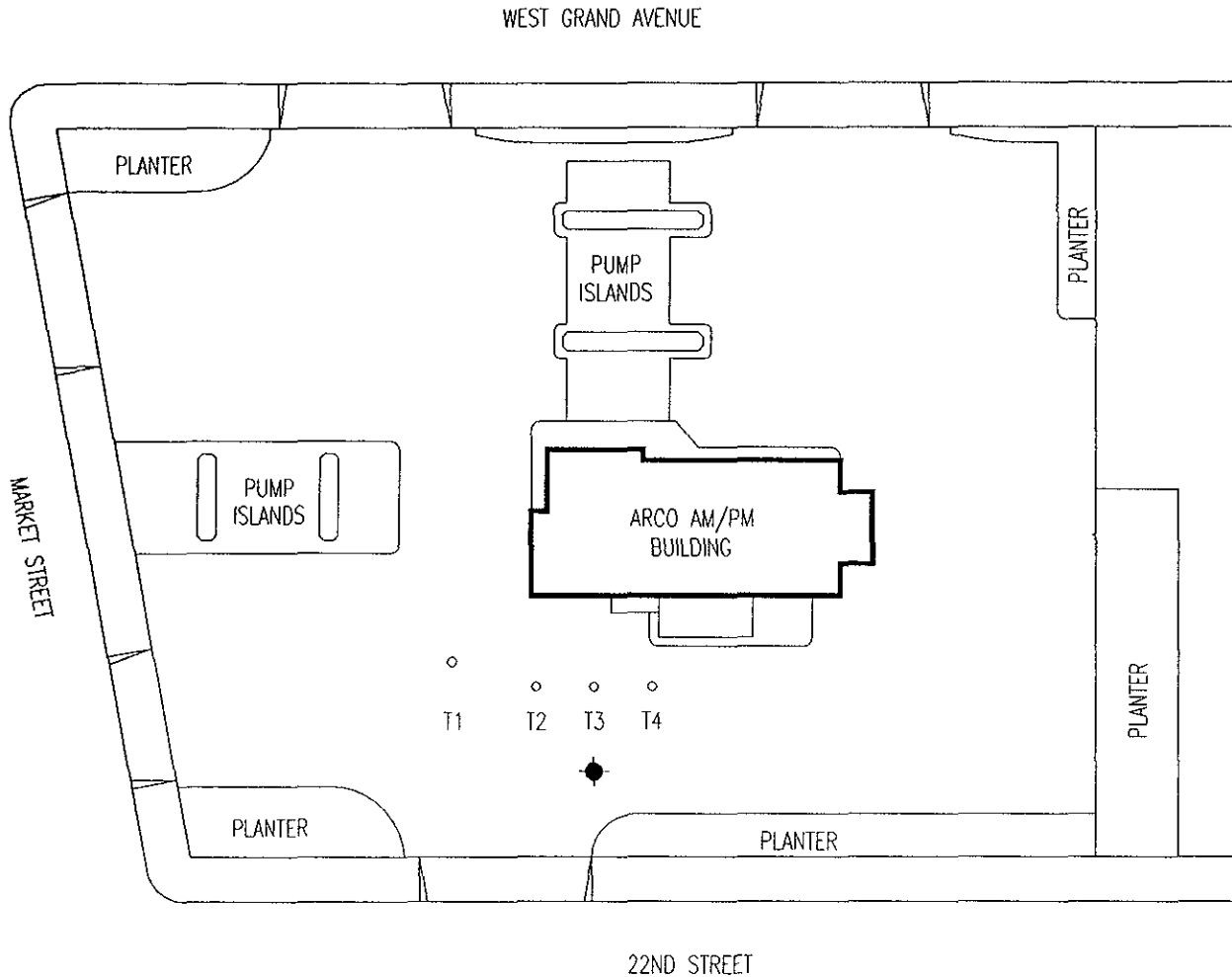
TITLE:

SITE LOCATION

ARCO FACILITY NO. 2169

FIGURE

1

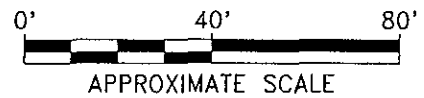
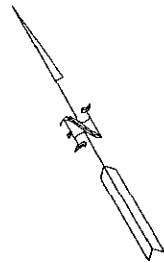



EXPLANATION:

- T1 12,000 GALLON UNLEADED GASOLINE TANK
- T2 8,000 GALLON REGULAR GASOLINE TANK
- T3 6,000 GALLON SUPER UNLEADED GASOLINE TANK
- T4 6,000 GALLON DIESEL FUEL TANK
- FILL PORT
- ◆ DECOMMISSIONED WELL

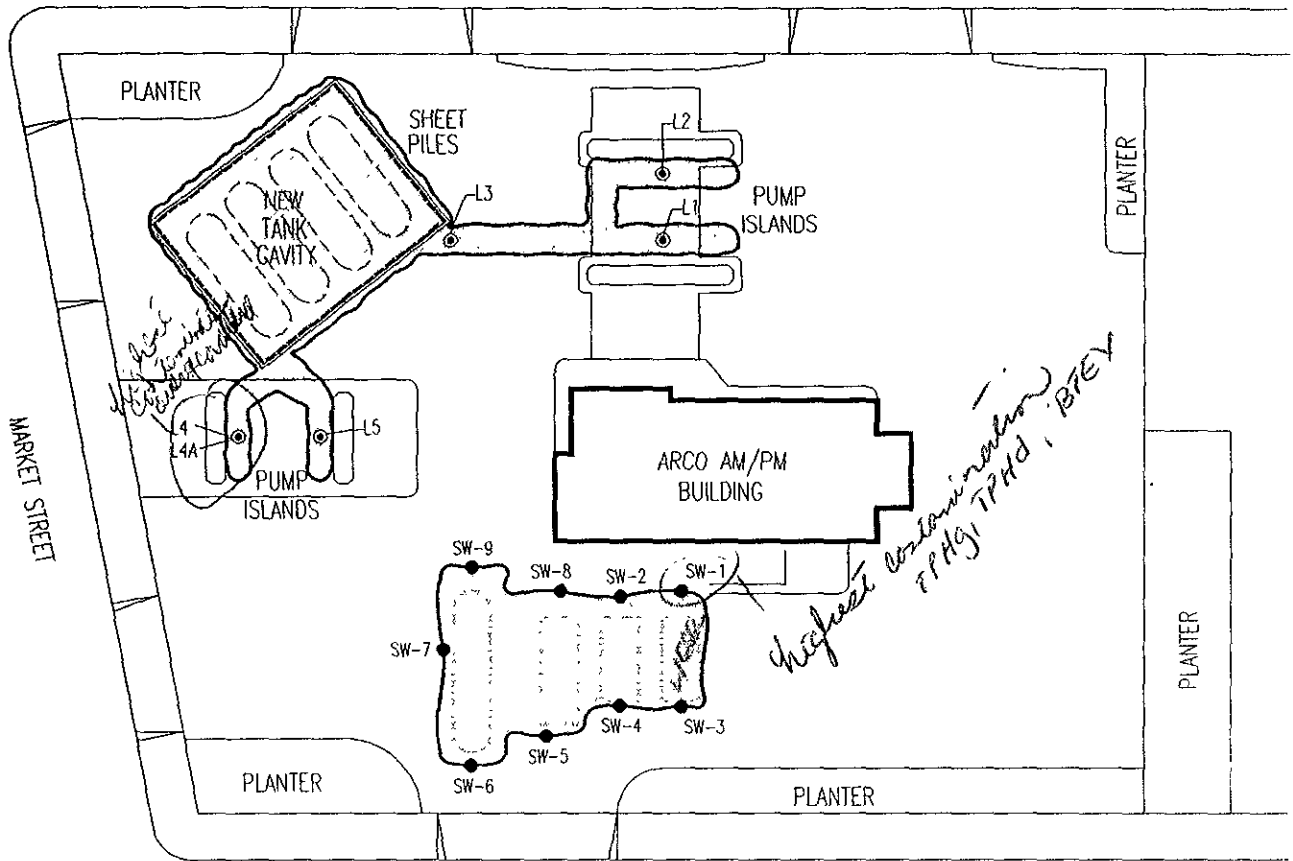
SOURCE:

MAP MODIFIED FROM PLATE 1 10/91
 PROVIDED BY GEOSTRATEGIES INC.



 ROUX ASSOCIATES, INC. <small>ENVIRONMENTAL CONSULTING & MANAGEMENT</small>	COMPILED BY: P.S.	PREPARED FOR: ARCO PRODUCTS COMPANY	FIGURE <div style="font-size: 2em; text-align: center;">2</div>
	PREPARED BY: D.D.	TITLE: SITE PLAN	
	PROJECT MNGR. P.S.	ARCO FACILITY NO. 2169	
	DATE: 01/92		
	SCALE: AS SHOWN		
	PROJECT NO. A133W01		
FILE NAME: AR2169XX			

WEST GRAND AVENUE



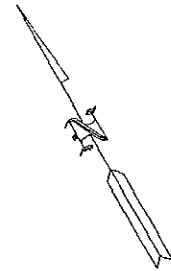
22ND STREET

EXPLANATION:

- EXCAVATED AREA
- LOCATION AND DESIGNATION OF SOIL SAMPLE
- LOCATION AND DESIGNATION OF LINE TRENCH SOIL SAMPLE.

SOURCE:

MAP MODIFIED FROM PLATE 1 10/91
PROVIDED BY GEOSTRATEGIES INC.



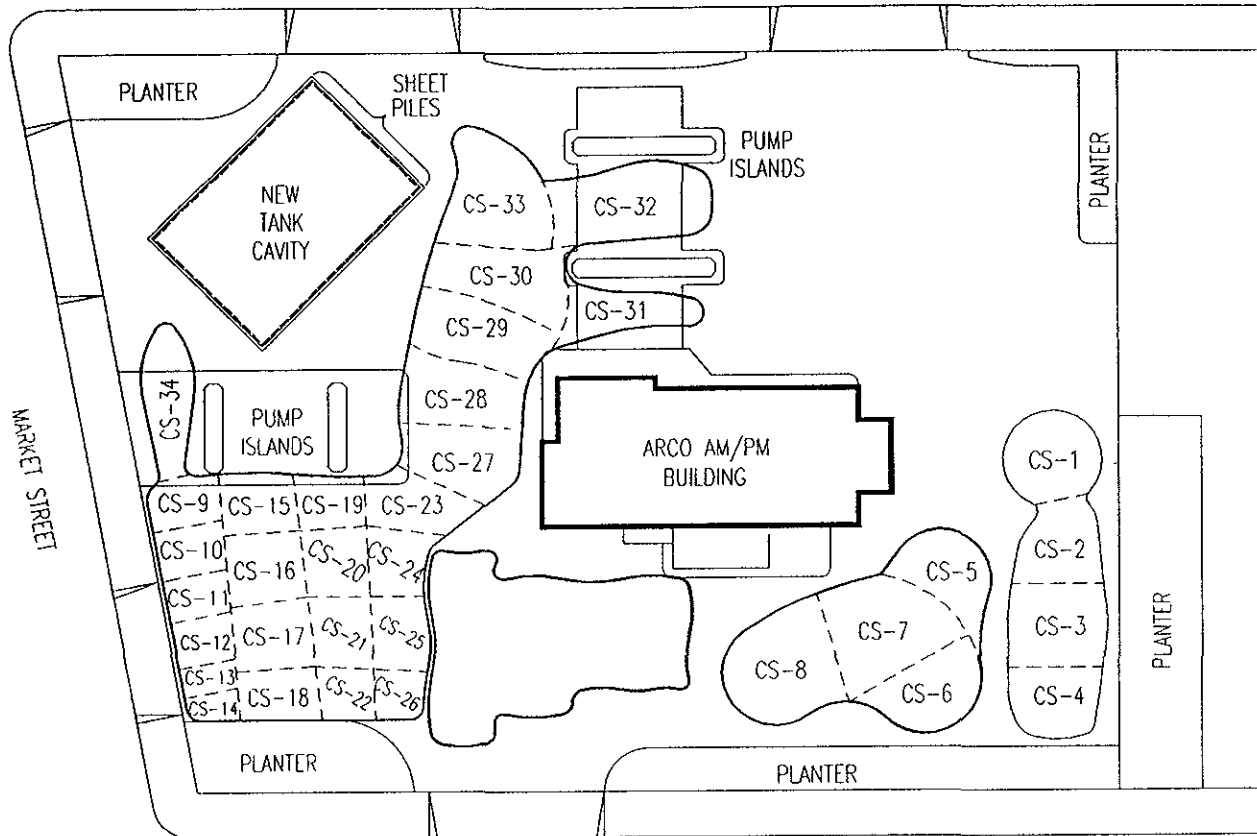
COMPILED BY:	P.S.
PREPARED BY:	D.D.
PROJECT MNGR.	P.S.
DATE:	06/92
SCALE:	AS SHOWN
PROJECT NO	A133W01
FILE NAME:	AR2169XX

PREPARED FOR:	ARCO PRODUCTS COMPANY
TITLE:	LOCATION OF FORMER TANK CAVITY AND PRODUCT LINE TRENCH SOIL SAMPLES ARCO FACILITY NO. 2169



FIGURE

3

WEST GRAND AVENUE

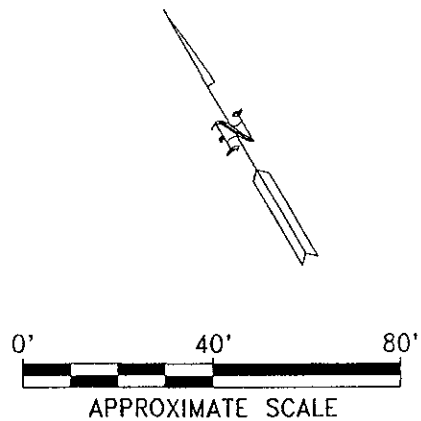


EXPLANATION:

-  SOIL STOCKPILE LOCATION AND DESIGNATION
-  EXCAVATED AREA

SOURCE:

MAP MODIFIED FROM PLATE 1 10/91
 PROVIDED BY GEOSTRATEGIES INC



COMPILED BY:	P.S.
PREPARED BY:	D.D.
PROJECT MNGR:	P.S.
DATE:	01/92
SCALE:	AS SHOWN
PROJECT NO.:	A133W01
FILE NAME:	AR2169XX

PREPARED FOR:	ARCO PRODUCTS COMPANY
TITLE:	LOCATION OF SOIL STOCKPILES
	ARCO FACILITY NO. 2169

FIGURE
4

Engineers, Inc. of North Highlands, California (Barghausen). Once the As-Built drawings are completed, Barghausen will submit a copy of the drawings to the ACDEH.

5.5 Laboratory Analyses

All soil samples collected during this investigation were delivered for chemical analyses to Sequoia Analytical (Sequoia) of Concord and Redwood City, California, a State certified laboratory. The samples collected from the former UST cavity 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,
- Total petroleum fuel hydrocarbons as high boiling point hydrocarbons (TPH-D) by USEPA Method 8015, and
- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by USEPA Method 8020.

Table 1 summarizes the laboratory analytical data for the former UST cavity and the product line trench samples. Laboratory analytical reports and Chain-of-Custody Documentation forms are presented in Appendix B.

8.3 Petroleum Hydrocarbons in Soil Below the Removed Product Lines

Laboratory analyses of five soil samples collected from below the removed product lines at depths of 3 to 4 ft. bgs indicated TPH-G concentrations ranging from not-detected to 140 mg/kg, TPH-D concentrations from 6.0 mg/kg to 450 mg/kg, and BTEX concentrations from not-detected to 5.1 mg/kg (Table 1). Soil sample LINE-4, collected adjacent to the diesel pump island contained the highest concentration of TPH-G, TPH-D, and BTEX (except toluene). A second sample (LINE-4A) collected at this location, following over-excavation to a depth of 7 ft. bgs contained 4.6 mg/kg TPH-G, 54 mg/kg TPH-D, and reduced BTEX levels.

8.4 Disposal of Soil and Water

Soil generated during tank replacement activities was stockpiled on-site and sampled. Soil stockpiles containing less than 100 mg/kg TPH-G was transported to the Redwood Landfill in Novato, California for disposal. Soil stockpiles containing greater than 100 mg/kg TPH-G were retained on-site, aerated and resampled. These aerated soil stockpiles were then transported to the Redwood facility for disposal. Water pumped from the tank cavity excavations was transported to the H & H Environmental Services Facility in San Francisco, California for disposal.

8.5 Installation of Conductor Casing, Vault Boxes and PVC Piping

To facilitate further investigation and remediation of the Site, vault boxes, horizontal piping and a conductor casing were installed concurrently with the installation of the new product tanks and

TABLE 1: Summary of Soil Analyses: Former Tank Cavity and Product Line Trenches
ARCO Facility No. 2169, Oakland, California

Sample Designation	Date	Depth (feet bgs)	BTEX Distinction (1)					
			TPH-G(1)	TPH-D(1)	Benzene	Toluene	Ethylbenzene	Xylenes
Former Tank Cavity								
SW-1	1/16/92	12	1200	620	6.8	47	22	140
SW-2	1/16/92	12	81	19	0.98	2.9	1.9	9.1
SW-3	1/16/92	12	200	7.1	3.0	10	4.6	25
SW-4	1/16/92	12	170	3.4	3.2	11	3.9	22
SW-5	1/16/92	12	3.0	ND	1.1	0.022	0.21	0.11
SW-6	1/16/92	12	100	2.8	0.88	3.9	2.1	15
SW-7	1/16/92	12	420	10	4.2	16	8.0	53
SW-8	1/16/92	12	180	4.4	2.5	2.7	3.7	23
SW-9	1/16/92	12	200	17	2	4.5	4.7	29
Product Line Trenches								
LINE-1	2/19/92	3	120	NA	0.36	0.81	0.56	3.8
LINE-2	2/19/92	3	4.7	NA	0.32	0.097	0.088	0.18
LINE-3	2/19/92	4	ND	NA	ND	ND	ND	ND
LINE-4	2/19/92	3	140	450	2.2	0.28	2.2	5.1
LINE-5	2/19/92	3	2.8	6.0	0.19	0.005	0.024	0.088
LINE-4A	3/3/92	7	4.6	54	0.054	0.059	0.14	0.64

FOOTNOTES

(1) = Concentrations reported in mg/kg (ppm)

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

TPH-D = Total Petroleum Fuel Hydrocarbons As High Boiling Point Hydrocarbons (USEPA Method 8015)

BTEX Distinction (USEPA Method 8020)

NA = Not Analyzed

ND = None Detected (for detection limits see laboratory reports in Appendix B)

bgs = Below ground surface

**TABLE2: Summary of Soil Analyses: Former Tank Cavity Soil Stockpiles
ARCO Facility No. 2169, Oakland, California**

Sample Designation	Date	TPH-G(1)	TPH-D(1)	BTEX Distinction(1)			
				Benzene	Toluene	Ethylbenzene	Xylenes
CS-1 (A-D)	1/15/92	150	20	0.51	5.1	0.86	7.6
CS-2 (A-D)	1/15/92	82	21	0.086	0.95	7.2	44
CS-3 (A-D)	1/15/92	560	270	0.73	9.3	7.1	54
CS-4 (A-D)	1/15/92	560	380	1.2	9.8	7.7	47
CS-5 (A-D)	1/17/92	110	31	0.21	1.0	0.57	7.5
CS-6 (A-D)	1/17/92	490	380	2.5	15	7.6	75
CS-7 (A-D)	1/17/92	470	270	2.4	15	10	63
CS-8 (A-D)	1/17/92	570	320	3.8	21	16	91
CS-45 (A-D)	3/3/92	23	2.0	1.4	2.1	0.21	1.6
CS-46 (A-D)	3/3/92	420	230	0.26	1.1	2.0	20

FOOTNOTES

(1) = Concentrations reported in mg/kg (ppm)

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

TPH-D = Total Petroleum Fuel Hydrocarbons As High Boiling Point Hydrocarbons (USEPA Method 8015)

BTEX Distinction (USEPA Method 8020)

NA = Not Analyzed

ND = Not Detected (for detection limits see laboratory reports in Appendix B)

APPENDICES

APPENDIX A

Summary of Site Environmental Activities

DAILY SITE ENVIRONMENTAL ACTIVITIES
ARCO Facility No. 2169

Date	Activity	By
10/22/91	Preconstruction meeting.	ARCO, Roux, GW
1/13/92	Began work on tank removal. Cut and removed asphalt and concrete above existing tanks. Installed fence around Site.	GW
1/14/92	Excavated and stockpiled backfill material overlying existing tanks. Collected samples from the soil stockpiles.	GW Roux
1/16/92	Removed and inspected existing USTs. Loaded existing USTs onto trucks and hauled from Site. Collected soil samples from sidewalls of former tank cavities. Began excavation of new tank cavity.	GW, Roux, ACDEH, OFFB GW, H&H Roux, ACDEH GW
1/17/92	Excavated and stockpiled remaining backfill material from former tank cavity. Collected samples from the soil stockpiles.	Roux
1/20/92	Excavated and stockpiled soil from new tank area. Collected samples from the soil stockpiles.	GW Roux
1/21/92	Collected samples from the soil stockpiles.	Roux
1/22/92	Faxed sidewall soil sample data to ARCO and ACDEH.	Roux
1/27/92	Received verbal authorization to backfill former tank cavity and install new USTs from ACDEH.	Roux, ACDEH
1/30/92	Notified BAAQMD of aeration plans.	Roux
2/10/92	Hauled new tank cavity soil stockpiles with less than 100 mg/kg TPH-G to Redwood landfill. Began aerating soil.	Dillard, Roux

Footnotes:

ARCO ARCO Products Company
ROUX Roux Associates
GW Golden West Environmental Services Company
ACDEH Alameda County Department of Environmental Health
OFFB Oakland Fire Prevention Bureau
Dillard Dillard Trucking
H&H H & H Environmental Services

DAILY SITE ENVIRONMENTAL ACTIVITIES
ARCO Facility No. 2169

Date	Activity	By
2/11/92	Hauled new tank cavity soil stockpiles with less than 100 mg/kg TPH-G to Redwood landfill.	Dillard, Roux
2/12/92	Hauled four truck loads of new tank cavity soil to Redwood landfill. Moved soil stockpiles.	Dillard
2/13/92	Installed new USTs and conductor casing.	GW
2/18/92	Collected samples from the aerated soil stockpiles.	Roux
2/19/92	Collected samples below removed product lines.	Roux, ACDEH
2/25/92	Pumped water out of former tank cavity. Began backfilling former tank cavity.	H&H GW
3/3/92	Collected product line sample L4A. Collected samples from soil stockpiles.	Roux, ACDEH, Dillard Roux
3/5/92	Collected samples from the aerated soil stockpiles.	Roux
3/18/92	Began installation of remediation system piping.	GW
3/23/92	Collected samples from the aerated soil stockpiles.	Roux
3/27/92	Finished installation of remediation system piping.	GW
3/30/92	Collected samples from the aerated soil stockpiles.	Roux
4/1/92	Collected samples from the aerated soil stockpiles. Hauled aerated soil stockpiles to Redwood landfill.	Roux Dillard
4/7/92	Collected samples from the aerated soil stockpiles.	Roux

Footnotes:

ARCO ARCO Products Company
 ROUX Roux Associates
 GW Golden West Environmental Services Company
 ACDEH Alameda County Department of Environmental Health
 OFPB Oakland Fire Prevention Bureau
 Dillard Dillard Trucking
 H&H H & H Environmental Services

DAILY SITE ENVIRONMENTAL ACTIVITIES
ARCO Facility No. 2169

Date	Activity	By
4/10/92	Hauled aerated soil stockpiles to Redwood landfill. Collected samples from the aerated soil stockpiles.	Dillard Roux
4/16/92	Collected samples from the aerated soil stockpiles.	Roux
4/17/92	Completed aeration of the soil stockpiles.	Dillard
4/20/92	Collected samples from the aerated soil stockpiles.	Roux
4/23/92	Hauled aerated soil stockpiles to Redwood landfill.	Dillard

Footnotes:

ARCO ARCO Products Company
 ROUX Roux Associates
 GW Golden West Environmental Services Company
 ACDEH Alameda County Department of Environmental Health
 OFPB Oakland Fire Prevention Bureau
 Dillard Dillard Trucking
 H&H H & H Environmental Services

APPENDIX B

**Laboratory Analytical Reports
and
Chain-of-Custody Documentation**



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: Paul Supple	Client Project ID: Arco/ #2169, Oakland Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 201-0446	Sampled: Jan 16, 1992 Received: Jan 16, 1992 Analyzed: Jan 16, 1992 Reported: Jan 22, 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)
201-0446	SW-5	3.0	1.1	0.022	0.21	0.11

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: Paul Supple	Client Project ID: Arco/ #2169, Oakland Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 201-0442	Sampled: Jan 16, 1992 Received: Jan 16, 1992 Analyzed: Jan 16, 1992 Reported: Jan 22, 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)
201-0442	SW-1	1,200	6.8	47	22	140
201-0445	SW-4	170	3.2	11	3.9	22
201-0448	SW-7	420	4.2	16	8.0	53
201-0449	SW-8	180	2.5	2.7	3.7	23

Detection Limits:	100	0.50	0.50	0.50	0.50
--------------------------	------------	-------------	-------------	-------------	-------------

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

2010446.RRR <2>



SEQUOIA ANALYTICAL

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

Roux Associates	Client Project ID: Arco/ #2169, Oakland	Sampled: Jan 16, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Jan 16, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 16, 1992
Attention: Paul Supple	First Sample #: 201-0443	Reported: Jan 22, 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)
201-0443	SW-2	81	0.98	2.9	1.9	9.1
201-0444	SW-3	200	3.0	10	4.6	25
201-0447	SW-6	100	0.88	3.9	2.1	15
201-0450	SW-9	200	2.0	4.5	4.7	29

Detection Limits:	50	0.25	0.25	0.25	0.25
--------------------------	-----------	-------------	-------------	-------------	-------------

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/ #2169, Oakland	Sampled: Jan 16, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Jan 16, 1992
Concord, CA 94520	Analysis Method: EPA 3550/8015	Extracted: Jan 17, 1992
Attention: Paul Supple	First Sample #: 201-0442	Analyzed: Jan 18, 1992
		Reported: Jan 21, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)


Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
201-0442	SW-1	620

Detection Limits:

10

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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

2010446.RRR <4>



SEQUOIA ANALYTICAL

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

Roux Associates	Client Project ID: Arco/ #2169, Oakland	Sampled: Jan 16, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Jan 16, 1992
Concord, CA 94520	Analysis Method: EPA 3550/8015	Extracted: Jan 17, 1992
Attention: Paul Supple	First Sample #: 201-0444	Analyzed: Jan 18, 1992
		Reported: Jan 21, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
201-0444	SW-3	7.1

Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

2010446.RRR <5>



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(510) 686-9600 • FAX (510) 686-9689

Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520

Client Project ID: Arco/ #2169, Oakland

Attention: Paul Supple

QC Sample Group: 2010442-0450

Reported: Jan 21, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA8015
Analyst:	K.N./J.F.	K.N./J.F.	K.N./J.F.	K.N./J.F.	A. Tuzon
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 16, 1992	Jan 16, 1992	Jan 16, 1992	Jan 16, 1992	Jan 17, 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	10
Conc. Matrix Spike:	0.39	0.38	0.41	1.2	9.2
Matrix Spike % Recovery:	98	95	102	100	92
Conc. Matrix Spike Dup.:	0.37	0.37	0.40	1.2	9.4
Matrix Spike Duplicate % Recovery:	92	92	100	100	94
Relative % Difference:	5.2	2.6	2.4	0.0	2.2

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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:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



SEQUOIA ANALYTICAL

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

RECEIVED FEB 14 1992

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

Client Project ID: Arco/ #2169-91-1
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 201-0443

Sampled: Jan 16, 1992
Relogged: Jan 28, 1992
Extracted: Jan 29, 1992
Analyzed: Feb 8, 1992
Reported: Feb 10, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
201-0443	SW-2	19
201-0444	SW-4	3.4
201-0445	SW-5	N.D.
201-0446	SW-6	2.8
201-0447	SW-7	10
201-0448	SW-8	4.4
201-0449	SW-9	17

Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

2010443.RRR <1>



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: Paul Supple

Client Project ID: Arco/ #2169-91-1

QC Sample Group: 2010443-0450

Reported: Feb 10, 1992

QUALITY CONTROL DATA REPORT

ANALYTE
Diesel

Method: EPA 8015
Analyst: A. Tuzon
Reporting Units: mg/Kg
Date Analyzed: Feb 10, 1992
QC Sample #: Matrix Blank

Sample Conc.: N.D.

Spike Conc. Added: 10

Conc. Matrix Spike: 8.5

Matrix Spike % Recovery: 85

Conc. Matrix Spike Dup.: 8.7

Matrix Spike Duplicate % Recovery: 87

Relative % Difference: 2.3

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

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Roux Associates
1340 Arnold Drive, Suite 231
Martinez, CA 94553
Attention: Paul Supple

Client Project ID: #2169-91-1, Arco
Matrix Descript: Soil
Analysis Method: EPA 5030/8015/8020
First Sample #: 202-2775

Sampled: Feb 19, 1992
Received: Feb 19, 1992
Analyzed: Feb 20, 1992
Amended: Feb 24, 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)
202-2775	L1	120	0.36	0.81	0.56	3.8
202-2776	L2	4.7	0.32	0.097	0.088	0.18
202-2777	L3	N.D.	N.D.	N.D.	N.D.	N.D.
202-2778	L4	140	2.2	0.28	2.2	5.1
202-2779	L5	2.8	0.19	0.0050	0.024	0.088

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.

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Maile A. Springer
Project Manager

2022775.RRR <1>



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Roux Associates
1340 Arnold Drive, Suite 231
Martinez, CA 94553
Attention: Paul Supple

Client Project ID: #2169-91-1, Arco
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 202-2778

Sampled: Feb 19, 1992
Received: Feb 19, 1992
Extracted: Feb 20, 1992
Analyzed: Feb 20, 1992
Reported: Feb 22, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

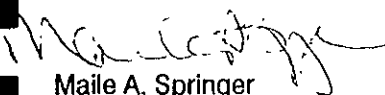
Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
202-2778	L4	450

Detection Limits:

50

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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


Maile A. Springer
Project Manager

2022775.RRR <3>



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(415) 364-9600 • FAX (415) 364-9233

Roux Associates	Client Project ID: #2169-91-1, Arco	Sampled: Feb 19, 1992
1340 Arnold Drive, Suite 231	Matrix Descript: Soil	Received: Feb 19, 1992
Martinez, CA 94553	Analysis Method: EPA 3550/8015	Extracted: Feb 20, 1992
Attention: Paul Supple	First Sample #: 202-2779	Analyzed: Feb 20, 1992
		Reported: Feb 22, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

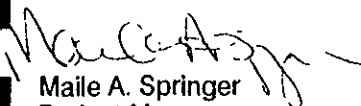
Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
202-2779	L5	6.0

Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Maile A. Springer
Project Manager

2022775.RRR <4>



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(415) 364-9600 • FAX (415) 364-9233

Roux Associates	Client Project ID: #2169-91-1, Arco	
1340 Arnold Drive, Suite 231		
Martinez, CA 94553		
Attention: Paul Supple	QC Sample Group: 2022775 - 79	Reported: Feb 21, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
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Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	A.Maralit	A.Maralit	A.Maralit	A.Maralit
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Feb 20, 1992	Feb 20, 1992	Feb 20, 1992	Feb 20, 1992
QC Sample #:	GBLK02092	GBLK02092	GBLK02092	GBLK02092

Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.20	0.20	0.20	0.60
Conc. Matrix Spike:	0.19	0.18	0.18	0.54
Matrix Spike % Recovery:	95	90	90	90
Conc. Matrix Spike Dup.:	0.22	0.21	0.21	0.62
Matrix Spike Duplicate % Recovery:	110	105	105	103
Relative % Difference:	15	15	15	14

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

Malle A. Springer
 Malle A. Springer
 Project Manager



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Roux Associates
1340 Arnold Drive, Suite 231
Martinez, CA 94553
Attention: Paul Supple

Client Project ID: #2169-91-1, Arco

QC Sample Group:

Reported: Feb 21, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Diesel
---------	--------

Method: EPA 8015
 Analyst: R.L.
 Reporting Units: mg/kg
 Date Analyzed: Feb 19, 1992
 QC Sample #: DBLK021992

Sample Conc.: N.D.

Spike Conc. Added: 15

Conc. Matrix Spike: 12

Matrix Spike % Recovery: 80

Conc. Matrix Spike Dup.: 12

Matrix Spike Duplicate % Recovery: 80

Relative % Difference: 0.0

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Maile A. Springer
 Maile A. Springer
 Project 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 19 1992

Roux Associates	Client Project ID: Arco/ #2169-91-1	Sampled: Mar 3, 1992
1855 Gateway Blvd, Suite 770	Sample Descript.: Soil, L4A	Received: Mar 3, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Mar 5, 1992
Attention: Paul Supple	Lab Number: 203-0097	Reported: Mar 17, 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	4.6
Benzene.....	0.0050	0.054
Toluene.....	0.0050	0.059
Ethyl Benzene.....	0.0050	0.14
Xylenes.....	0.0050	0.64

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	Client Project ID: Arco/ #2169-91-1	Sampled: Mar 3, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil, L4A	Received: Mar 3, 1992
Concord, CA 94520	Analysis Method: EPA 3550/8015	Extracted: Mar 5, 1992
Attention: Paul Supple	First Sample #: 203-0097	Analyzed: Mar 11, 1992
		Reported: Mar 17, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
203-0097	L4A	54

Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Kenneth K.F. Lee
Laboratory Manager

2030097.RRR <2>



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

Client Project ID: Arco/ #2169-91-1

QC Sample Group: 203-0097

Reported: Mar 17, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA8015
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.	A. Tuzon
Reporting Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Date Analyzed:	Mar 5, 1992	Mar 5, 1992	Mar 5, 1992	Mar 5, 1992	Mar 11, 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	10
Conc. Matrix Spike:	0.36	0.38	0.41	1.2	7.6
Matrix Spike % Recovery:	90	95	102	100	76
Conc. Matrix Spike Dup.:	0.38	0.38	0.39	1.1	7.5
Matrix Spike Duplicate % Recovery:	95	95	98	92	75
Relative % Difference:	5.4	0.0	5.0	8.7	1.3

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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 22 1992

Roux Associates	Client Project ID: Arco #2169-92-1/ Oakland	Sampled: Jan 14, 1992
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Jan 14, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 14, 1992
Attention: Paul Supple	First Sample #: 201-0344	Reported: Jan 17, 1992

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

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons	Benzene	Toluene	Ethyl Benzene	Xylenes
		mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)
201-0344	CS-1 A-D	150	0.51	5.1	0.86	7.6
201-0345	CS-2 A-D	82	0.086	0.95	7.2	44

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



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

Client Project ID: Arco #2169-92-1/ Oakland
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 201-0344

Sampled: Jan 14, 1992
Received: Jan 14, 1992
Extracted: Jan 16, 1992
Analyzed: Jan 16, 1992
Reported: Jan 17, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
201-0344	CS-1 A-D	20
201-0345	CS-2 A-D	21

Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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: Paul Supple

Client Project ID: Arco #2169-92-1/ Oakland
Matrix Descript: Soil
Analysis Method: EPA 5030/8015/8020
First Sample #: 201-0346

Sampled: Jan 14, 1992
Received: Jan 14, 1992
Analyzed: Jan 14, 1992
Reported: Jan 17, 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)
201-0346	CS-3 A-D	560	0.73	9.3	7.1	54
201-0347	CS-4 A-D	560	1.2	9.8	7.7	47

Detection Limits:	25	0.13	0.13	0.13	0.13
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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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Laboratory Manager



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

Client Project ID: Arco #2169-92-1/ Oakland
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 201-0346

Sampled: Jan 14, 1992
Received: Jan 14, 1992
Extracted: Jan 16, 1992
Analyzed: Jan 16, 1992
Reported: Jan 17, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
201-0346	CS-3 A-D	270
201-0347	CS-4 A-D	380

Detection Limits:

10

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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 #2169-92-1/ Oakland

QC Sample Group: 2010344-347

Reported: Jan 17, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel	STLC Lead
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA8015	EPA 7421
Analyst:	K.E.	K.E.	K.E.	K.E.	A. Tuzon	K. Anderson
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/L
Date Analyzed:	Jan 14, 1992	Jan 14, 1992	Jan 14, 1992	Jan 14, 1992	Jan 13, 1992	Jan 17, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	201-0228
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	0.43
Spike Conc. Added:	0.40	0.40	0.40	1.2	10	0.50
Conc. Matrix Spike:	0.38	0.39	0.42	1.3	8.5	0.91
Matrix Spike % Recovery:	95	98	105	108	85	96
Conc. Matrix Spike Dup.:	0.38	0.39	0.42	1.3	8.5	0.90
Matrix Spike Duplicate % Recovery:	95	98	105	108	85	94
Relative % Difference:	0.0	0.0	0.0	0.0	0.0	1.1

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

Client Project ID: Arco #2169-91-1/ Oakland
Matrix Descript: Soil
Analysis Method: EPA 5030/8015/8020
First Sample #: 201-0516

Sampled: Jan 17, 1992
Received: Jan 17, 1992
Analyzed: Jan 21, 1992
Reported: Jan 21, 1992

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

Sample Number	Sample Description	Low/Medium B.P.	Ethyl			
		Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
201-0516	CS-5(A-D)	110	0.21	1.0	0.57	7.5
201-0517	CS-6(A-D)	490	2.5	15	7.6	75
201-0518	CS-7(A-D)	470	2.4	15	10	63
201-0519	CS-8(A-D)	570	3.8	21	16	91

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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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 #2169-91-1/ Oakland
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 201-0516

Sampled: Jan 17, 1992
Relogged: Jan 21, 1992
Extracted: Jan 22, 1992
Analyzed: Jan 22, 1992
Reported: Jan 23, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
201-0516	CS-5(A-D)	31
201-0517	CS-6(A-D)	380
201-0518	CS-7(A-D)	270
201-0519	CS-8(A-D)	320

Detection Limits:

10

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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

2010516.RRR <1>



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

Client Project ID: Arco #2169-91-1/ Oakland

QC Sample Group: 2010516-519

Reported: Jan 21, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	STLC Lead
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Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 7421
Analyst:	K.N./K.E./J.F.	K.N./K.E./J.F.	K.N./K.E./J.F.	K.N./K.E./J.F.	K. Anderson
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/L
Date Analyzed:	Jan 21, 1992	Jan 21, 1992	Jan 21, 1992	Jan 21, 1992	Jan 21, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	112-331

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: 0.35 0.38 0.42 1.3 0.57

Matrix Spike % Recovery: 88 95 105 108 74

Conc. Matrix Spike Dup.: 0.36 0.38 0.42 1.3 0.59

Matrix Spike Duplicate % Recovery: 90 95 105 108 78

Relative % Difference: 2.8 0.0 0.0 0.0 3.4

Laboratory blank contained the following analytes: None Detected

SEQUOIA ANALYTICAL

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

KFL
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 #2169-91-1/ Oakland

QC Sample Group: 2010516-519

Reported: Jan 23, 1992

QUALITY CONTROL DATA REPORT

ANALYTE

Diesel

Method: EPA8015
Analyst: A. Tuzon
Reporting Units: mg/kg
Date Analyzed: Jan 21, 1992
QC Sample #: Matrix Blank

Sample Conc.: N.D.

Spike Conc.
Added: 10

Conc. Matrix
Spike: 9.6

Matrix Spike
% Recovery: 96

Conc. Matrix
Spike Dup.: 9.6

Matrix Spike
Duplicate
% Recovery: 96

Relative
% Difference: 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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819 Striker Avenue, Suite 8 • Sacramento, CA 95834
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Roux Associates	Client Project ID: Arco #2169-91-1/ Oakland	Sampled: Jan 20, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Jan 21, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 21, 1992
Attention: Paul Supple	First Sample #: 201-0526	Reported: Jan 24, 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)
201-0526	CS9A-D	72	0.18	1.1	7.2	N.D.

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



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819 Striker Avenue, Suite 8 • Sacramento, CA 95834
(916) 921-9600 • FAX (916) 921-0100

Roux Associates	Client Project ID: Arco #2169-91-1/ Oakland	Sampled: Jan 20, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Jan 21, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 21, 1992
Attention: Paul Supple	First Sample #: 201-0527	Reported: Jan 24, 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)
201-0527	CS10A-D	200	1.2	8.0	5.5	35

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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Kenneth K.F. Lee
Laboratory Manager



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Roux Associates	Client Project ID: Arco #2169-91-1/ Oakland	Sampled: Jan 20, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Jan 21, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 21, 1992
Attention: Paul Supple	First Sample #: 201-0528	Reported: Jan 24, 1992


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

Sample Number	Sample Description	Low/Medium B.P.	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl	Xylenes mg/kg (ppm)
		Hydrocarbons mg/kg (ppm)			Benzene mg/kg (ppm)	
201-0528	CS11A-D	25	0.034	0.14	0.17	1.2
201-0529	CS12A-D	26	0.22	0.97	0.48	3.0

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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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 #2169-91-1/ Oakland Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 201-0530	Sampled: Jan 20, 1992 Received: Jan 21, 1992 Analyzed: Jan 21, 1992 Reported: Jan 24, 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)
201-0530	CS13A-D	1.8	0.011	0.027	0.0068	0.075
201-0531	CS14A-D	1.9	0.016	0.046	0.022	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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Roux Associates
1855 Gateway Blvd, Suite 770
Concord, CA 94520
Attention: Paul Supple

Client Project ID: Arco #2169-91-1/ Oakland

QC Sample Group: 2010526-531

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 21, 1992	Jan 21, 1992	Jan 21, 1992	Jan 21, 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	0.36	1.2
Matrix Spike % Recovery:	90	90	90	100
Conc. Matrix Spike Dup.:	0.36	0.36	0.36	1.2
Matrix Spike Duplicate % Recovery:	90	90	90	100
Relative % Difference:	0.0	0.0	0.0	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: Paul Supple

Client Project ID: Arco #2169-91-1/ Oakland

QC Sample Group: 2010526-531

Reported: Jan 24, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Total 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:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 22, 1992	Jan 22, 1992	Jan 22, 1992	Jan 22, 1992	Jan 24, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	201-0527
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	34
Spike Conc. Added:	0.40	0.40	0.40	1.2	130
Conc. Matrix Spike:	0.36	0.38	0.41	1.2	190
Matrix Spike % Recovery:	90	95	102	100	120
Conc. Matrix Spike Dup.:	0.35	0.37	0.39	1.2	190
Matrix Spike Duplicate % Recovery:	88	92	98	100	120
Relative % Difference:	2.8	2.6	5.0	0.0	0.0

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

Kenneth K.F. Lee
Laboratory Manager



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1900 Bates Avenue • Suite LM • Concord, California 94520
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Roux Associates	Client Project ID: Arco #2169-91-1/ Oakland	Sampled: Jan 21, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Jan 22, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 22, 1992
Attention: Paul Supple	First Sample #: 201-0601	Reported: Jan 24, 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)
201-0601	CS-15A-D	100	0.52	2.2	1.5	10
201-0614	CS28A-D	190	0.91	4.2	3.2	16
201-0616	CS30A-D	32	0.11	0.31	0.34	1.9

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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Kenneth K.F. Lee
Laboratory Manager



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Roux Associates	Client Project ID: Arco #2169-91-1/ Oakland	Sampled: Jan 21, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Jan 22, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 22, 1992
Attention: Paul Supple	First Sample #: 201-0602	Reported: Jan 24, 1992

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

Sample Number	Sample Description	Low/Medium B.P.	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl	Xylenes mg/kg (ppm)
		Hydrocarbons mg/kg (ppm)			Benzene mg/kg (ppm)	
201-0602	CS-16A-D	90	0.22	1.4	1.1	7.1

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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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 #2169-91-1/ Oakland Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 201-0603	Sampled: Jan 21, 1992 Received: Jan 22, 1992 Analyzed: Jan 22, 1992 Reported: Jan 24, 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)
201-0603	CS-17A-D	27	0.073	0.25	0.26	2.0
201-0605	CS-19A-D	27	0.032	0.12	0.14	1.1
201-0606	CS-20A-D	12	0.033	0.12	0.081	0.57
201-0607	CS-21A-D	48	0.060	0.23	0.31	2.1
201-0609	CS-23A-D	31	0.056	0.28	0.21	1.5
201-0610	CS-24A-D	28	0.38	0.20	0.22	1.6
201-0611	CS25A-D	47	0.099	0.23	0.40	2.7
201-0612	CS26A-D	27	0.028	0.086	0.042	1.1
201-0613	CS27A-D	16	0.041	0.11	0.093	0.59
201-0615	CS29A-D	45	0.025	0.24	0.40	2.1

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

2010601.PRR <3>



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Roux Associates	Client Project ID: Arco #2169-91-1/ Oakland	Sampled: Jan 21, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Jan 22, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 22, 1992
Attention: Paul Supple	First Sample #: 201-0604	Reported: Jan 24, 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)
201-0604	CS-18A-D	2.9	0.014	0.037	0.017	0.18

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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Kenneth K.F. Lee
Laboratory Manager



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Roux Associates	Client Project ID: Arco #2169-91-1/ Oakland	Sampled: Jan 21, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Jan 22, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 22, 1992
Attention: Paul Supple	First Sample #: 201-0608	Reported: Jan 24, 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)
201-0608	CS-22A-D	4.5	0.014	0.034	0.026	0.21

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
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Roux Associates
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Concord, CA 94520
Attention: Paul Supple

Client Project ID: Arco #2169-91-1/ Oakland
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 201-0526

Sampled: Jan 20, 1992
Relogged: Jan 31, 1992
Extracted: Feb 3, 1992
Analyzed: Feb 4, 1992
Reported: Feb 4, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
201-0526	CS9 (A-D)	2.5
201-0527	CS10 (A-D)	6.5
201-0528	CS11 (A-D)	1.2
201-0529	CS12 (A-D)	1.1

Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Roux Associates
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Concord, CA 94520
Attention: Paul Supple

Client Project ID: Arco #2169-91-1/ Oakland
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 201-0602

Sampled: Jan 21, 1992
Relogged: Feb 3, 1992
Extracted: Feb 4, 1992
Analyzed: Feb 5, 1992
Reported: Feb 5, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
201-0602	CS-16 (A-D)	9.7
201-0605	CS-19 (A-D)	5.0
201-0606	CS-20 (A-D)	16
201-0609	CS-23 (A-D)	25
201-0610	CS-24 (A-D)	15
201-0613	CS27(A-D)	13
201-0615	CS-29 (A-D)	9.4
201-0616	CS-30 (A-D)	20

Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Laboratory Manager



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Roux Associates
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Concord, CA 94520
Attention: Paul Supple

Client Project ID: Arco/2169-91-1/Relog
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 201-0603

Sampled: Jan 21, 1992
Relogged: Jan 31, 1992
Extracted: Feb 3, 1992
Analyzed: Feb 4, 1992
Reported: Feb 4, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)


Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
201-0603	CS17	1.1
201-0604	CS21	5.8
201-0605	CS25	3.1
201-0606	CS26	20

Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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

2010603.RRR <1>



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

Client Project ID: Arco/2169-91-1/Relog

QC Sample Group: 2010603-0612

Reported: Feb 4, 1992

QUALITY CONTROL DATA REPORT

ANALYTE

Diesel

Method: EPA 8015
Analyst: A. Tuzon
Reporting Units: mg/kg
Date Analyzed: Feb 4, 1992
QC Sample #: Matrix Blank

Sample Conc.: ND

Spike Conc.
Added: 10

Conc. Matrix
Spike: 8.4

Matrix Spike
% Recovery: 84

Conc. Matrix
Spike Dup.: 9.1

Matrix Spike
Duplicate
% Recovery: 91

Relative
% Difference: 7.6

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
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Concord, CA 94520
Attention: Paul Supple

Client Project ID: Arco #2169-91-1/ Oakland

QC Sample Group: 2010602-616

Reported: Feb 5, 1992

QUALITY CONTROL DATA REPORT

ANALYTE

Diesel

Method: EPA8015
Analyst: J. Dinsay
Reporting Units: mg/kg
Date Analyzed: Feb 5, 1992
QC Sample #: Matrix Blank

Sample Conc.: N.D.

Spike Conc. Added: 10

Conc. Matrix Spike: 8.6


Matrix Spike % Recovery: 86

Conc. Matrix Spike Dup.: 9.6

Matrix Spike Duplicate % Recovery: 96

Relative % Difference: 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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Client Project ID: Arco #2169-91-1/ Oakland

Attention: Paul Supple

QC Sample Group: 2010526-529

Reported: Feb 4, 1992

QUALITY CONTROL DATA REPORT

ANALYTE

Diesel

Method: EPA8015
Analyst: A. Tuzon
Reporting Units: mg/kg
Date Analyzed: Feb 3, 1992
QC Sample #: Matrix Blank

Sample Conc.: N.D.

Spike Conc.
Added: 10

Conc. Matrix
Spike: 8.4

Matrix Spike
% Recovery: 84

Conc. Matrix
Spike Dup.: 9.1

Matrix Spike
Duplicate
% Recovery: 91

Relative
% Difference: 7.6

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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Attention: Paul Supple

Client Project ID: Arco #2169-91-1/ Oakland

QC Sample Group: 2010601-616

Reported: Jan 24, 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. E.	K. E.	K. E.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 22, 1992	Jan 22, 1992	Jan 22, 1992	Jan 22, 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	0.38	0.41	1.2
Matrix Spike % Recovery:	90	95	102	100
Conc. Matrix Spike Dup.:	0.35	0.37	0.39	1.2
Matrix Spike Duplicate % Recovery:	88	92	98	1009
Relative % Difference:	2.8	2.6	5.0	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:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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Roux Associates
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Concord, CA 94520
Attention: Paul Supple

Client Project ID: Arco #2169-91-1/ Oakland
Sample Descript: Soil
Analysis Method: California LUFT Manual, 12/87
First Sample #: 201-0612

Sampled: Jan 21, 1992
Relogged: Jan 30, 1992
Extracted: Jan 31, 1992
Analyzed: Jan 31, 1992
Reported: Jan 31, 1992

ORGANIC LEAD

Sample Number	Sample Description	Sample Results mg/kg (ppm)
201-0612	CS26 A-D	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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(510) 686-9600 • FAX (510) 686-9689

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

Client Project ID: Arco #2169-91-1/ Oakland

QC Sample Group: 201-0612

Reported: Jan 31, 1992

QUALITY CONTROL DATA REPORT

ANALYTE

Organic Lead

Method: LUFT

Analyst: T. Mascarenas

Reporting Units: mg/kg

Date Analyzed: Jan 31, 1992

QC Sample #: 201-0612

Sample Conc.: N. D.

Spike Conc.
Added: 2.0

Conc. Matrix
Spike: 2.4


Matrix Spike
% Recovery: 120

Conc. Matrix
Spike Dup.: 2.6

Matrix Spike
Duplicate
% Recovery: 130

Relative
% Difference: 8.0

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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: Paul Supple

Client Project ID: Arco #2169-91-1/ Oakland
Matrix Descript: Soil
Analysis Method: EPA 5030/8015/8020
First Sample #: 201-0617

Sampled: Jan 21, 1992
Received: Jan 22, 1992
Analyzed: Jan 22, 1992
Reported: Jan 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)
201-0617	CS31A-D	2.2	0.017	0.017	0.012	0.053

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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Laboratory Manager



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Roux Associates	Client Project ID: Arco #2169-91-1/ Oakland	Sampled: Jan 21, 1992
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Jan 22, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 22, 1992
Attention: Paul Supple	First Sample #: 201-0618	Reported: Jan 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)
201-0618	CS32A-D	100	0.39	1.8	1.7	10

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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Laboratory Manager



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Roux Associates	Client Project ID: Arco #2169-91-1/ Oakland	Sampled: Jan 21, 1992
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Jan 22, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 22, 1992
Attention: Paul Supple	First Sample #: 201-0619	Reported: Jan 27, 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 (ppm)	mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)
201-0619	CS33A-D	110	0.30	2.0	2.2	11

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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(510) 686-9600 • FAX (510) 686-9689

Roux Associates	Client Project ID: Arco #2169-91-1/ Oakland	Sampled: Jan 21, 1992
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Jan 22, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Jan 22, 1992
Attention: Paul Supple	First Sample #: 201-0620	Reported: Jan 27, 1992

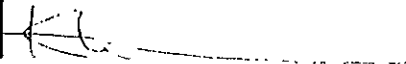
TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

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)
201-0620	CS34A-D	15	0.054	0.21	0.21	1.2

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

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Roux Associates 1340 Arnold Drive, Suite 231 Martinez, CA 94553 Attention: Paul Supple	Client Project ID: #2169-91-1, Arco Sample Descript: Soil Composite, CS-42 Lab Number: 202-2615	Sampled: Feb 18, 1992 Received: Feb 18, 1992 Extracted: Feb 20, 1992 Analyzed: Feb 20, 1992 Reported: Feb 21, 1992
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LABORATORY ANALYSIS

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Organic Lead.....	0.050	N.D.

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

SEQUOIA ANALYTICAL

Maile A. Springer
Project Manager



SEQUOIA ANALYTICAL

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Roux Associates
1340 Arnold Drive, Suite 231
Martinez, CA 94553
Attention: Paul Supple

Client Project ID: #2169-91-1, Arco

QC Sample Group: 2022612 - 17

Reported: Feb 21, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
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Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	A.Maralit	A.Maralit	A.Maralit	A.Maralit
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Feb 19, 1992	Feb 19, 1992	Feb 19, 1992	Feb 19, 1992
QC Sample #:	BLK021992	BLK021992	BLK021992	BLK021992

Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.20	0.20	0.20	0.60
Conc. Matrix Spike:	0.22	0.22	0.22	0.64
Matrix Spike % Recovery:	110	110	110	107
Conc. Matrix Spike Dup.:	0.21	0.20	0.20	0.57
Matrix Spike Duplicate % Recovery:	105	100	100	95
Relative % Difference:	4.7	9.5	9.5	12

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

M.A. Springer
Maile A. Springer
Project Manager



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Roux Associates
1340 Arnold Drive, Suite 231
Martinez, CA 94553
Attention: Paul Supple

Client Project ID: #2169-91-1, Arco

QC Sample Group: 2022608 - 11, 13-15

Reported: Feb 21, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	C.Donhue	C.Donhue	C.Donhue	C.Donhue
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Feb 19, 1992	Feb 19, 1992	Feb 19, 1992	Feb 19, 1992
QC Sample #:	GBLK021992	GBLK021992	GBLK021992	GBLK021992
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.20	0.20	0.20	0.60
Conc. Matrix Spike:	0.20	0.20	0.20	0.60
Matrix Spike % Recovery:	100	100	100	100
Conc. Matrix Spike Dup.:	0.20	0.20	0.20	0.60
Matrix Spike Duplicate % Recovery:	100	100	100	100
Relative % Difference:	0.0	0.0	0.0	0.0

SEQUOIA ANALYTICAL

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

M.A. Springer
Maile A. Springer
Project Manager



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Roux Associates
1340 Arnold Drive, Suite 231
Martinez, CA 94553
Attention: Paul Supple

Client Project ID: #2169-91-1, Arco

QC Sample Group: 202-2616

Reported: Feb 21, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	A.Maralit	A.Maralit	A.Maralit	A.Maralit
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Feb 19, 1992	Feb 19, 1992	Feb 19, 1992	Feb 19, 1992
QC Sample #:	GBLK021992	GBLK021992	GBLK021992	GBLK021992
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.20	0.20	0.20	0.60
Conc. Matrix Spike:	0.16	0.16	0.17	0.48
Matrix Spike % Recovery:	80	80	88	80
Conc. Matrix Spike Dup.:	0.18	0.18	0.18	0.53
Matrix Spike Duplicate % Recovery:	90	90	90	88
Relative % Difference:	12	12	5.7	10

SEQUOIA ANALYTICAL

Maile A. Springer
Maile A. Springer
Project 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
1340 Arnold Drive, Suite 231
Martinez, CA 94553
Attention: Paul Supple

Client Project ID: #2169-91-1, Arco

QC Sample Group: 2022608 - 17

Reported: Feb 21, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Diesel
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Method: EPA 8015
 Analyst: R.Lee
 Reporting Units: mg/kg
 Date Analyzed: Feb 19, 1992
 QC Sample #: DBLK021992

Sample Conc.: N.D.

Spike Conc.
Added: 15

Conc. Matrix
Spike: 12

Matrix Spike
% Recovery: 80

Conc. Matrix
Spike Dup.: 12

Matrix Spike
Duplicate
% Recovery: 80

Relative
% Difference: 0.0

SEQUOIA ANALYTICAL

Maile A. Springer
Project 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
1340 Arnold Drive, Suite 231
Martinez, CA 94553
Attention: Paul Supple

Client Project ID: #2169-91-1, Arco

QC Sample Group: 2022611 - 15

Reported: Feb 21, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Organic Lead
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Method: LUFT
 Analyst: S.Chin
 Reporting Units: mg/kg
 Date Analyzed: Feb 20, 1992
 QC Sample #: 202-2615

Sample Conc.: N.D.

Spike Conc.
Added: 0.50

Conc. Matrix
Spike: 0.45

Matrix Spike
% Recovery: 90

Conc. Matrix
Spike Dup.: 0.38

Matrix Spike
Duplicate
% Recovery: 76

Relative
% Difference: 17

SEQUOIA ANALYTICAL

M. A. Springer
Maile A. Springer
Project 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/ #2169-91-1	Sampled: Mar 3, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Mar 3, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Mar 3, 1992
Attention: Paul Supple	First Sample #: 203-0098	Reported: Mar 5, 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)
203-0098	CS-45	23	1.4	2.1	0.21	1.6

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



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Roux Associates	Client Project ID: Arco/ #2169-91-1	Sampled: Mar 3, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Mar 3, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Mar 3, 1992
Attention: Paul Supple	First Sample #: 203-0099	Reported: Mar 5, 1992

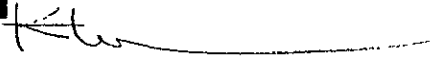
TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P.	Benzene	Toluene	Ethyl	Xylenes
		Hydrocarbons			Benzene	
		mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)
203-0099	CS-46	420	0.26	1.1	2.0	20

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	Client Project ID: Arco/ #2169-91-1	Sampled: Mar 3, 1992
1855 Gateway Blvd, Suite 770	Matrix Descript: Soil	Received: Mar 3, 1992
Concord, CA 94520	Analysis Method: EPA 3550/8015	Extracted: Mar 4, 1992
Attention: Paul Supple	First Sample #: 203-0098	Analyzed: Mar 5, 1992
		Reported: Mar 5, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
203-0098	CS-45	2.0
203-0099	CS-46	230

Detection Limits: 1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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: Paul Supple

Client Project ID: Arco/ #2169-91-1

QC Sample Group: 2030098-0099

Reported: Mar 5, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA8015
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.	A. Tuzon
Reporting Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Date Analyzed:	Mar 3, 1992	Mar 3, 1992	Mar 3, 1992	Mar 3, 1992	Mar 5, 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	
Conc. Matrix Spike:	0.48	0.52	0.52	1.4	
Matrix Spike % Recovery:	120	130	130	120	
Conc. Matrix Spike Dup.:	0.41	0.48	0.46	1.3	
Matrix Spike Duplicate % Recovery:	103	120	120	108	
Relative % Difference:	16	8.0	12	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:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



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Roux Associates
1340 Arnold Drive, Suite 231
Martinez, CA 94553
Attention: Paul Supple

Client Project ID: Arco, 2169
Matrix Descript: Soil
Analysis Method: EPA 5030/8015/8020
First Sample #: 203-0982

Sampled: Mar 5, 1992
Received: Mar 5, 1992
Analyzed: Mar 6, 1992
Reported: Mar 10, 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)
203-0982	CS-47A-D	N.D.	N.D.	N.D.	N.D.	N.D.
203-0983	CS-48A-D	13	0.031	11	0.14	0.75

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


Maile A. Springer
Project Manager

2030982.RRR <1>



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Roux Associates 1340 Arnold Drive, Suite 231 Martinez, CA 94553 Attention: Paul Supple	Client Project ID: Arco, 2169 Matrix Descript: Soil Analysis Method: EPA 3550/8015 First Sample #: 203-0982	Sampled: Mar 5, 1992 Received: Mar 5, 1992 Extracted: Mar 5, 1992 Analyzed: Mar 5, 1992 Reported: Mar 10, 1992
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TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
203-0982	CS-47A-D	5.3
203-0983	CS-48A-D	29

Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL


Maile A. Springer
Project Manager

2030982.RRR <2>



SEQUOIA ANALYTICAL

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Roux Associates
1340 Arnold Drive, Suite 231
Martinez, CA 94553
Attention: Paul Supple

Client Project ID: Arco, 2169

QC Sample Group: 203-0983

Reported: Mar 10, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
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Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	C.Donohue	C.Donohue	C.Donohue	C.Donohue
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Mar 6, 1992	Mar 6, 1992	Mar 6, 1992	Mar 6, 1992
QC Sample #:	GBLK030692	GBLK030692	GBLK030692	GBLK030692

Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.20	0.20	0.20	0.60
Conc. Matrix Spike:	0.19	0.19	0.19	0.56
Matrix Spike % Recovery:	95	95	95	93
Conc. Matrix Spike Dup.:	0.19	0.19	0.20	0.58
Matrix Spike Duplicate % Recovery:	95	95	100	97
Relative % Difference:	0.0	0.0	5.1	3.5

SEQUOIA ANALYTICAL

Maile A. Springer
Project 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 1340 Arnold Drive, Suite 231 Martinez, CA 94553 Attention: Paul Supple	Client Project ID: Arco, 2169 QC Sample Group: 203-0982	Reported: Mar 10, 1992
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QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	A.Maralit	A.Maralit	A.Maralit	A.Maralit
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Mar 6, 1992	Mar 6, 1992	Mar 6, 1992	Mar 6, 1992
QC Sample #:	BLK030692	BLK030692	BLK030692	BLK030692
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.20	0.20	0.20	0.60
Conc. Matrix Spike:	0.23	0.22	0.22	0.72
Matrix Spike % Recovery:	115	110	110	120
Conc. Matrix Spike Dup.:	0.24	0.23	0.23	0.77
Matrix Spike Duplicate % Recovery:	120	115	115	128
Relative % Difference:	4.2	4.3	4.4	6.7

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Maile A. Springer
Maile A. Springer
Project 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
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Martinez, CA 94553
Attention: Paul Supple

Client Project ID: Arco, 2169

QC Sample Group: 2030987 - 83

Reported: Mar 10, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Diesel
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Method: EPA 8015
 Analyst: M.T.
 Reporting Units: mg/kg
 Date Analyzed: Mar 3, 1992
 QC Sample #: DBLK030392

Sample Conc.: N.D.

Spike Conc. Added: 15

Conc. Matrix Spike: 11

Matrix Spike % Recovery: 73

Conc. Matrix Spike Dup.: 14

Matrix Spike Duplicate % Recovery: 93

Relative % Difference: 24

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Maile A. Springer
Project 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, #2169	Sampled: Mar 23, 1992
1855 Gateway Blvd.	Matrix Descript: Soil	Received: Mar 23, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Mar 24, 1992
Attention: Paul Supple	First Sample #: 203-3762	Reported: Mar 26, 1992

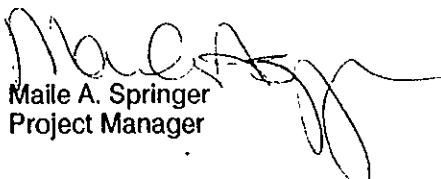
TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

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)
203-3762	CS-49	6.4	N.D.	N.D.	0.010	0.0060
203-3763	CS-50	21	N.D.	N.D.	0.033	0.060

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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Maile A. Springer
Project Manager



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

Client Project ID: Arco, #2169
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 203-3762

Sampled: Mar 23, 1992
Received: Mar 23, 1992
Extracted: Mar 24, 1992
Analyzed: Mar 24, 1992
Reported: Mar 26, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
203-3762	CS-49	79
203-3763	CS-50	130

Detection Limits:

10

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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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Maile A. Springer
Project Manager

2033762.RRR <2>



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

Client Project ID: Arco, #2169
Sample Descript: Soil
Analysis Method: California LUFT Manual, 12/87
First Sample #: 203-3762

Sampled: Mar 23, 1992
Received: Mar 23, 1992
Analyzed: Mar 25, 1992
Reported: Mar 26, 1992

ORGANIC LEAD


Sample Number	Sample Description	Sample Results mg/kg (ppm)
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203-3762	CS-49	N.D.
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Detection Limits: 0.050

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

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Maile A. Springer
Project Manager

2033762.RRR <3>



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

Client Project ID: Arco, #2169

QC Sample Group: 2033762 - 63

Reported: Mar 26, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel	Organic Lead
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015	LUFT
Analyst:	C.Donohue	C.Donohue	C.Donohue	C.Donohue	R.Lee	S.Chin
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Mar 24, 1992	Mar 24, 1992	Mar 24, 1992	Mar 24, 1992	Mar 20, 1992	Feb 25, 1992
QC Sample #:	GBLK032492	GBLK032492	GBLK032492	GBLK032492	DBLK032092	203-2561
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.20	0.20	0.20	0.60	15	0.12
Conc. Matrix Spike:	0.22	0.20	0.21	0.60	13	0.11
Matrix Spike % Recovery:	110	100	105	100	87	92
Conc. Matrix Spike Dup.:	0.22	0.21	0.21	0.62	13	0.11
Matrix Spike Duplicate % Recovery:	110	105	105	103	87	92
Relative % Difference:	0.0	4.9	0.0	3.3	0.0	0.0

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Maile A. Springer
Project 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 #2169-91-1A/ Oakland
Matrix Descript: Soil
Analysis Method: EPA 5030/8015/8020
First Sample #: 203-1430

Sampled: Mar 30, 1992
Received: Mar 30, 1992
Analyzed: Mar 30, 1992
Reported: Apr 1, 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)
203-1430	CS-51 (A-D)	44	0.026	0.063	0.027	0.097
203-1431	CS-52 (A-D)	8.9	0.019	0.029	0.013	0.031

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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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 #2169-91-1A/ Oakland
Sample Descript: Soil
Analysis Method: California LUFT Manual, 12/87
First Sample #: 203-1430

Sampled: Mar 30, 1992
Received: Mar 30, 1992
Extracted: Mar 31, 1992
Analyzed: Apr 1, 1992
Reported: Apr 1, 1992

ORGANIC LEAD


Sample Number	Sample Description	Sample Results mg/kg (ppm)
203-1430	CS-51 (A-D)	N.D.

Detection Limits:

0.050

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

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Laboratory Manager



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

Client Project ID: Arco #2169-91-1A/ Oakland

QC Sample Group: 2031430-31

Reported: Apr 1, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Organic Lead
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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:	Mar 30, 1992	Mar 30, 1992	Mar 30, 1992	Mar 30, 1992	Apr 1, 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: 0.37 0.37 0.40 1.2 16

Matrix Spike % Recovery: 93 93 100 100 80

Conc. Matrix Spike Dup.: 0.37 0.37 0.41 1.2 15

Matrix Spike Duplicate % Recovery: 93 93 103 100 75

Relative % Difference: 0.0 0.0 2.5 0.0 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: Paul Supple	Client Project ID: Arco #2169-91-1A/ Oakland Matrix Descript: Soil Analysis Method: EPA 3550/8015 First Sample #: 203-1430	Sampled: Mar 30, 1992 Relogged: Apr 3, 1992 Extracted: Apr 6, 1992 Analyzed: Apr 7, 1992 Reported: Apr 7, 1992
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TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
203-1430	CS-51(A-D)	200


Detection Limits:

10

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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

2031430.ROU <1>



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Roux Associates 1855 Gateway Blvd. Suite 770 Concord, CA 94520 Attention: Paul Supple	Client Project ID: Arco #2169-91-1A/ Oakland Matrix Descript: Soil Analysis Method: EPA 3550/8015 First Sample #: 303-1431	Sampled: Mar 30, 1992 Relogged: Apr 3, 1992 Extracted: Apr 6, 1992 Analyzed: Apr 7, 1992 Reported: Apr 7, 1992
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TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
303-1431	CS-52(A-D)	14

Detection Limits: 1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
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: Paul Supple

Client Project ID: Arco #2169-91-1A/ Oakland

QC Sample Group: 2031430-1431

Reported: Apr 7, 1992

QUALITY CONTROL DATA REPORT

ANALYTE

Diesel

Method: EPA8015
Analyst: A. Tuzon
Reporting Units: mg/Kg
Date Analyzed: Apr 7, 1992
QC Sample #: Matrix Blank

Sample Conc.: N.D.

Spike Conc.
Added: 10

Conc. Matrix
Spike: 8.1

Matrix Spike
% Recovery: 81

Conc. Matrix
Spike Dup.: 7.9

Matrix Spike
Duplicate
% Recovery: 79

Relative
% Difference: 2.6

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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 APR 10 1992

Roux Associates	Client Project ID: Arco #2169-92-1A/ Oakland	Sampled: Apr 1, 1992
1855 Gateway Blvd. Suite 770	Sample Descript.: Soil, CS-53 (A-D)	Received: Apr 1, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Apr 1, 1992
Attention: Paul Supple	Lab Number: 204-0018	Reported: Apr 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.....	1.0	2.1
Benzene.....	0.0050	0.0020
Toluene.....	0.0050	0.0062
Ethyl Benzene.....	0.0050	0.0091
Xylenes.....	0.0050	0.084

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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Laboratory Manager



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

Client Project ID: Arco #2169-92-1A/ Oakland

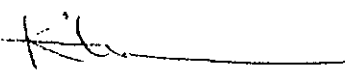
QC Sample Group: 204-0018

Reported: Apr 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:	K.N.	K.N.	K.N.	K.N.
Reporting Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Date Analyzed:	Apr 1, 1992	Apr 1, 1992	Apr 1, 1992	Apr 1, 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	0.40	1.2
Matrix Spike % Recovery:	90	90	100	100
Conc. Matrix Spike Dup.:	0.35	0.35	0.39	1.1
Matrix Spike Duplicate % Recovery:	88	88	98	92
Relative % Difference:	2.8	2.8	2.5	8.7

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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 APR 10 1992

Roux Associates 1855 Gateway Blvd. Suite 770 Concord, CA 94520 Attention: Paul Supple	Client Project ID: Arco #2169-92-1A/ Oakland Matrix Descript: Soil Analysis Method: EPA 3550/8015 First Sample #: #2040018	Sampled: Apr 1, 1992 Relogged: Apr 3, 1992 Extracted: Apr 6, 1992 Analyzed: Apr 7, 1992 Reported: Apr 7, 1992
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TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
204-0018	CD-53 (A-D)	8.6

Detection Limits: 1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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: Paul Supple

Client Project ID: Arco #2169-91-1/ Oakland

QC Sample Group: 2010617-20

Reported: Jan 27, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	TTLC Lead	STLC Lead
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 7421	EPA 7421
Analyst:	K.E.	K.E.	K.E.	K.E.	K. Anderson	K. Anderson
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 22, 1992	Jan 22, 1992	Jan 22, 1992	Jan 22, 1992	Jan 27, 1992	Jan 27, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	201-0620	201-0620
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	38	1.2
Spike Conc. Added:	0.40	0.40	0.40	1.2	120	2.5
Conc. Matrix Spike:	0.36	0.38	0.41	1.2	180	3.6
Matrix Spike % Recovery:	90	95	102	100	118	96
Conc. Matrix Spike Dup.:	0.35	0.37	0.39	1.2	180	3.8
Matrix Spike Duplicate % Recovery:	88	92	98	100	118	104
Relative % Difference:	2.8	2.6	5.0	0.0	0.0	5.4

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

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



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
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Roux Associates 1340 Arnold Drive, Suite 231 Martinez, CA 94553 Attention: Paul Supple	Client Project ID: #2169-91-1, Arco Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 202-2608	Sampled: Feb 18, 1992 Received: Feb 18, 1992 Analyzed: Feb 19, 1992 Reported: Feb 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)
202-2608	CS-35, A-D	2.0	N.D.	0.0070	0.0070	0.012
202-2609	CS-36, A-D	N.D.	N.D.	N.D.	N.D.	N.D.
202-2610	CS-37, A-D	N.D.	N.D.	N.D.	N.D.	N.D.
202-2611	CS-38, A-D	N.D.	N.D.	N.D.	N.D.	N.D.
202-2612	CS-39, A-D	N.D.	N.D.	N.D.	N.D.	N.D.
202-2613	CS-40, A-D	120	0.25	1.9	1.5	7.8
202-2614	CS-41, A-D	N.D.	N.D.	N.D.	N.D.	N.D.
202-2615	CS-42, A-D	N.D.	N.D.	N.D.	N.D.	N.D.
202-2616	CS-43, A-D	N.D.	N.D.	N.D.	N.D.	N.D.

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

Maile A. Springer
Maile A. Springer
Project Manager



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Roux Associates 1340 Arnold Drive, Suite 231 Martinez, CA 94553 Attention: Paul Supple	Client Project ID: #2169-91-1, Arco Matrix Descript: Soil Analysis Method: EPA 5030/8015/8020 First Sample #: 202-2617	Sampled: Feb 18, 1992 Received: Feb 18, 1992 Analyzed: Feb 19, 1992 Reported: Feb 21, 1992
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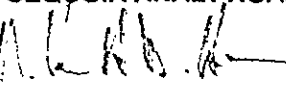
TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P.	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl	Xylenes mg/kg (ppm)
		Hydrocarbons mg/kg (ppm)			Benzene mg/kg (ppm)	
202-2617	CS-44, A-D	1.1	N.D.	N.D.	N.D.	N.D.

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


Maile A. Springer
Project Manager



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680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Roux Associates
1340 Arnold Drive, Suite 231
Martinez, CA 94553
Attention: Paul Supple

Client Project ID: #2169-91-1, Arco
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 202-2608

Sampled: Feb 18, 1992
Received: Feb 18, 1992
Analyzed: Feb 19, 1992
Reported: Feb 21, 1992

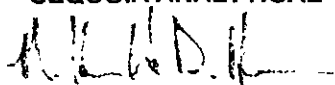
TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
202-2608	CS-35, A-D	8.6
202-2609	CS-36, A-D	4.2
202-2610	CS-37, A-D	3.4
202-2611	CS-38, A-D	12
202-2612	CS-39, A-D	2.0
202-2613	CS-40, A-D	20
202-2614	CS-41, A-D	3.0
202-2615	CS-42, A-D	3.8
202-2616	CS-43, A-D	19
202-2617	CS-44, A-D	17

Detection Limits: 1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Maile A. Springer
Project Manager

2022608.RRR <3>



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(415) 364-9600 • FAX (415) 364-9233

Roux Associates
1340 Arnold Drive, Suite 231
Martinez, CA 94553
Attention: Paul Supple

Client Project ID: #2169-91-1, Arco
Sample Descript: Soil Composite, CS-38
Lab Number: 202-2611

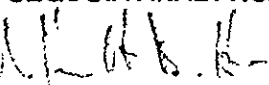
Sampled: Feb 18, 1992
Received: Feb 18, 1992
Extracted: Feb 20, 1992
Analyzed: Feb 20, 1992
Reported: Feb 21, 1992

LABORATORY ANALYSIS

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Organic Lead.....	0.050	N.D.

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

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Maile A. Springer
Project Manager



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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: Paul Supple

Client Project ID: Arco #2169-92-1A/ Oakland

QC Sample Group: 204-0018

Reported: Apr 7, 1992

QUALITY CONTROL DATA REPORT

ANALYTE

Diesel

Method: EPA8015
Analyst: A. Tuzon
Reporting Units: mg/Kg
Date Analyzed: Apr 7, 1992
QC Sample #: Matrix Blank

Sample Conc.: N.D.

Spike Conc.
Added: 10

Conc. Matrix
Spike: 8.1

Matrix Spike
% Recovery: 81

Conc. Matrix
Spike Dup.: 7.9

Matrix Spike
Duplicate
% Recovery: 79

Relative
% Difference: 2.6

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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 APR 13 1992

Roux Associates	Client Project ID: Arco #2169-92-1A/ Oakland	Sampled: Apr 7, 1992
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Apr 7, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Apr 7, 1992
Attention: Paul Supple	First Sample #: 204-0199	Reported: Apr 9, 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)
204-0199	CS-54 (A-D)	37	N.D.	0.022	0.028	0.097
204-0200	CS-55 (A-D)	14	N.D.	0.012	N.D.	0.024

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 1855 Gateway Blvd. Suite 770 Concord, CA 94520 Attention: Paul Supple	Client Project ID: Arco #2169-92-1A/ Oakland Matrix Descript: Soil Analysis Method: EPA 3550/8015 First Sample #: 204-0199	Sampled: Apr 7, 1992 Received: Apr 7, 1992 Extracted: Apr 8, 1992 Analyzed: Apr 9, 1992 Reported: Apr 9, 1992
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TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
204-0199	CS-54 (A-D)	160
204-0200	CS-55 (A-D)	61

Detection Limits:

10

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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: Paul Supple	Client Project ID: Arco #2169-92-1A/ Oakland Sample Descript: Soil Analysis Method: California LUFT Manual, 12/87 First Sample #: 204-0199	Sampled: Apr 7, 1992 Received: Apr 7, 1992 Extracted: Apr 9, 1992 Analyzed: Apr 9, 1992 Reported: Apr 9, 1992
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ORGANIC LEAD

Sample Number	Sample Description	Sample Results mg/kg (ppm)
204-0199	CS-54 (A-D)	N.D.
204-0200	CS-55 (A-D)	N.D.

Detection Limits: 0.050

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

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Laboratory Manager



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

Client Project ID: Arco #2169-92-1A/ Oakland

QC Sample Group: 2040199-200

Reported: Apr 9, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel	Organic Lead
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA8015	LUFTJ
Analyst:	K.N.	K.N.	K.N.	K.N.	A. Tuzon	T.Mascarenas
Reporting Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Date Analyzed:	Apr 7, 1992	Apr 7, 1992	Apr 7, 1992	Apr 7, 1992	Apr 8, 1992	Apr 9, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2	10	4.0
Conc. Matrix Spike:	0.36	0.36	0.39	1.2	8.7	4.0
Matrix Spike % Recovery:	90	90	98	92	87	100
Conc. Matrix Spike Dup.:	0.37	0.36	0.39	1.2	7.3	4.0
Matrix Spike Duplicate % Recovery:	93	90	98	100	73	100
Relative % Difference:	2.7	0.0	0.0	8.7	19	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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RECEIVED APR 20 1992

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

Client Project ID: Arco #2169/Oakland
Sample Descript.: Soil, CS-56 (A-D)
Analysis Method: EPA 5030/8015/8020
Lab Number: 204-0412

Sampled: Apr 10, 1992
Received: Apr 10, 1992
Analyzed: Apr 11, 1992
Reported: Apr 15, 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	10
Benzene.....	0.0050	0.010
Toluene.....	0.0050	0.018
Ethyl Benzene.....	0.0050	0.031
Xylenes.....	0.0050	0.27

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: Paul Supple

Client Project ID: Arco #2169/Oakland
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 204-0412

Sampled: Apr 10, 1992
Received: Apr 10, 1992
Extracted: Apr 13, 1992
Analyzed: Apr 14, 1992
Reported: Apr 15, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
204-0412	CS-56 (A-D)	150

Detection Limits:

50

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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

2040412.ROU <2>



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

Client Project ID: Arco #2169/Oakland
Sample Descript: Soil
Analysis Method: California LUFT Manual, 12/87
First Sample #: 204-0412

Sampled: Apr 10, 1992
Received: Apr 10, 1992
Extracted: Apr 14, 1992
Analyzed: Apr 14, 1992
Reported: Apr 15, 1992

ORGANIC LEAD

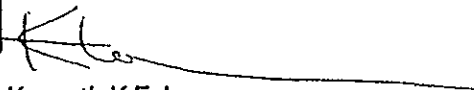
Sample Number	Sample Description	Sample Results mg/kg (ppm)
204-0412	CS-56 (A-D)	N.D.

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: Paul Supple

Client Project ID: Arco #2169/Oakland

QC Sample Group: 204-0412

Reported: Apr 15, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel	Organic Lead
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA8015	LUFT
Analyst:	K.E.	K.E.	K.E.	K.E.	A. Tuzon	K. Anderson
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Apr 10, 1992	Apr 10, 1992	Apr 10, 1992	Apr 10, 1992	Apr 16, 1992	Apr 14, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	204-0412
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2	10	25
Conc. Matrix Spike:	0.43	0.44	0.46	1.4	8.0	27
Matrix Spike % Recovery:	108	110	115	117	80	108
Conc. Matrix Spike Dup.:	0.43	0.44	0.46	1.4	7.9	25
Matrix Spike Duplicate % Recovery:	108	110	115	117	79	100
Relative % Difference:	0.0	0.0	0.0	0.0	1.3	7.7

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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	Client Project ID: Arco #2169-91-1	Sampled: Apr 16, 1992
1855 Gateway Blvd. Suite 770	Matrix Descript: Soil	Received: Apr 16, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Apr 16, 1992
Attention: Paul Supple	First Sample #: 204-0668	Reported: Apr 20, 1992

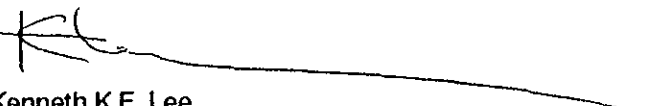
TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

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)
204-0668	CS-57(A-D)	15	N.D.	0.030	0.012	0.076

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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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 #2169-91-1
Matrix Descript: Soil
Analysis Method: EPA 5030/8015/8020
First Sample #: 204-0669

Sampled: Apr 16, 1992
Received: Apr 16, 1992
Analyzed: Apr 16, 1992
Reported: Apr 20, 1992

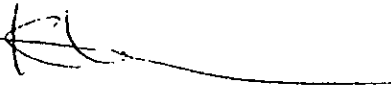
TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P.	Benzene	Toluene	Ethyl	Xylenes
		Hydrocarbons			Benzene	
		mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)	mg/kg (ppm)
204-0669	CS-58(A-D)	14	N.D.	0.0090	N.D.	0.020

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: Paul Supple

Client Project ID: Arco #2169-91-1
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 204-0668

Sampled: Apr 16, 1992
Received: Apr 16, 1992
Extracted: Apr 17, 1992
Analyzed: Apr 20, 1992
Reported: Apr 20, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
204-0668	CS-57(A-D)	150
204-0669	CS-58(A-D)	61

Detection Limits:

10

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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

2040668.ROU <3>



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(510) 686-9600 • FAX (510) 686-9689

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

Client Project ID: Arco #2169-91-1
Sample Descript: Soil
Analysis Method: California LUFT Manual, 12/87
First Sample #: 204-0668

Sampled: Apr 16, 1992
Received: Apr 16, 1992
Extracted: Apr 17, 1992
Analyzed: Apr 17, 1992
Reported: Apr 20, 1992

ORGANIC LEAD

Sample Number	Sample Description	Sample Results mg/kg (ppm)
204-0668	CS-57(A-D)	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
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2040668.ROU <4>



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

Client Project ID: Arco #2169-91-1

QC Sample Group: 2040668-669

Reported: Apr 20, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel	Organic Lead
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA8015	LUFT
Analyst:	K.E.	K.E.	K.E.	K.E.	A. Tuzon	T.Mascarenas
Reporting Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Date Analyzed:	Apr 16, 1992	Apr 16, 1992	Apr 16, 1992	Apr 16, 1992	Apr 19, 1992	Apr 17, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2	10	4.0
Conc. Matrix Spike:	0.27	0.31	0.36	1.1	8.8	3.9
Matrix Spike % Recovery:	68	78	90	92	88	98
Conc. Matrix Spike Dup.:	0.28	0.32	0.37	1.1	8.9	4.3
Matrix Spike Duplicate % Recovery:	70	80	93	92	89	108
Relative % Difference:	3.6	3.2	2.7	0.0	1.1	9.8

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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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4/21/92 11:25 AM


Roux Associates	Client Project ID: Arco #2169/Oakland	Sampled: Apr 20, 1992
1855 Gateway Blvd. Suite 770	Sample Descript.: Soil, CS-59 (A-D)	Received: Apr 20, 1992
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Analyzed: Apr 20, 1992
Attention: Paul Supple	Lab Number: 204-0820	Reported: Apr 21, 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	4.1
Benzene.....	0.0050	N.D.
Toluene.....	0.0050	N.D.
Ethyl Benzene.....	0.0050	N.D.
Xylenes.....	0.0050	0.017

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: Paul Supple

Client Project ID: Arco #2169/Oakland
Matrix Descript: Soil
Analysis Method: EPA 3550/8015
First Sample #: 204-0820

Sampled: Apr 20, 1992
Received: Apr 20, 1992
Extracted: Apr 20, 1992
Analyzed: Apr 21, 1992
Reported: Apr 21, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)


Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
204-0820	CS-59 (A-D)	25

Detection Limits:

1.0

High Boiling Point Hydrocarbons are quantitated against a diesel fuel 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

2040820.ROU <2>



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

Client Project ID: Arco #2169/Oakland

QC Sample Group: 204-0820

Reported: Apr 21, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel
	Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	K.E.	K.E.	K.E.	K.E.	A. Tuzon
Reporting Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Date Analyzed:	Apr 20, 1992	Apr 20, 1992	Apr 20, 1992	Apr 20, 1992	Apr 21, 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	10
Conc. Matrix Spike:	0.31	0.39	0.41	1.2	8.9
Matrix Spike % Recovery:	78	98	102	100	89
Conc. Matrix Spike Dup.:	0.31	0.40	0.43	1.3	9.1
Matrix Spike Duplicate % Recovery:	78	100	108	108	91
Relative % Difference:	0.0	2.5	4.8	8.0	2.0

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:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

ARCO Facility no. 2169 City (Facility) OAKLANDS Project manager (Consultant) PAUL SUPRE
 ARCO engineer CHUCK CARMEL Telephone no. (ARCO) Telephone no. (Consultant) 602-2333 Fax no. (Consultant) 687-1258
 Consultant name RELIX ASSOCIATES Address (Consultant) 1855 GATWAY BLVD #770 CONCORD

Laboratory name SEGROIA
 Contract number

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 checked="" 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	TCMP Metals <input type="checkbox"/> VOA <input type="checkbox"/>	Semi Metals <input type="checkbox"/> VOA <input type="checkbox"/>	CAM Metals EPA 601/7000 TTLC <input type="checkbox"/> STLC <input type="checkbox"/>	Lead Org./DHS <input type="checkbox"/> Lead EPA 7420/7421 <input type="checkbox"/>							
			Soil	Water	Other	Ice	Acid																					
SW-1		1	X				X	1/14/91	1300		X	X																
SW-2		1	X				X	1/16/91	1305		X																	
SW-3		1	X				X	1/16/91	1310		X	X																
SW-4		1	X				X	1/14/91	1315		X																	
SW-5		1	X				X	1/16/91	1320		X																	
SW-6		1	X				X	1/16/91	1325		X																	
SW-7		1	X				X	1/16/91	1330		X																	
SW-8		1	X				X	1/16/91	1335		X																	
SW-9		1	X				X	1/16/91	1340		X																	

Method of shipment HAND

Special detection Limit/reporting

Special QA/QC

Remarks

Lab number

Turnaround time

Priority Rush 1 Business Day

Rush 2 Business Days

Expedited 5 Business Days

Standard 10 Business Days

Condition of sample:

Temperature received:

Relinquished by sampler *Jordan W. Ramsdell*

Date 1/16 Time 3:15 PM

Received by *Ken Van Stanbroek*

Relinquished by

Date Time

Received by

Relinquisher by

Date Time

Received by laboratory

Date Time

ARCO Facility no. 2169 City (Facility) OAKLAND Project manager (Consultant) PAUL SUPPLE
 ARCO engineer CHUCK CARMEL Telephone no. (ARCO) Telephone no. (Consultant) 510/682-2333 Fax no. (Consultant) 510/687-1258
 Consultant name ROUX ASSOCIATES Address (Consultant) 1855 GATEWAY BLVD #770, CONCORD

COPY

Laboratory name SEQUOIA
 Contract number

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX EPA 8020	BTEX/TPH - G EPA 1602/8020/8015	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 VOA VOA	Semi Metals VOA VOA	CAM Metals EPA 601/0700 TTLC STLC	Lead Org/DHS Lead EPA 7420/7421	Method of shipment	
			Soil	Water	Other	Ice	Acid																
L1		1	X			X		2/19/92	1010		X												HAND
L2		1	X			X		2/19/92	1018		X												
L3		1	X			X		2/19/92	1024		X												
L4		1	X			X		2/19/92	1030		X	X											
L5		1	X			X		2/19/92	1038	X		X											

Method of shipment
 Special detection Limit/reporting

Special QA/QC

Remarks

Lab number

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

Condition of sample: Temperature received:
 Relinquished by sampler John F. O'Connell Date 2/19 Time 1608 Received by A. Wagner
 Relinquished by Date Time Received by
 Relinquished by Date Time Received by laboratory Date Time

ARCO Products Company
 Division of AtlanticRichfieldCompany

Task Order No. 2169-92-1

Chain of Custody

ARCO Facility no. <u>2169</u>	City (Facility) <u>Oakland</u>	Project manager (Consultant) <u>Paul Supple</u>	Laboratory name <u>Sequoia</u>	
ARCO engineer <u>Chuck Carmel</u>	Telephone no. (ARCO)	Telephone no. (Consultant) <u>510/1002-2333</u>	Contract number	
Consultant name <u>Boux Associates</u>		Address (Consultant) <u>1855 Gateway Blvd., Suite 770, Concord, CA.</u>		

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH EPA M602/6020/8015	TPH Modified 8015 Gas <input type="checkbox"/> Diesel <input checked="" 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"/> VOA <input type="checkbox"/>	CAM Metals EPA 6010/7000 TLC <input type="checkbox"/> STC <input type="checkbox"/>	Lead Orp/DBS Lead EPA 7420/7421 <input type="checkbox"/>	Method of shipment <u>Hand Delivered</u>		
			Soil	Water	Other	Ice	Acid																	
<u>CS-1 A-7D</u>			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>1-14-92</u>	<u>1130</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											Special detection Limit/reporting	
<u>CS-2 A-7D</u>			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>1-14-92</u>	<u>1140</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
<u>CS-3 A-7D</u>			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>1-14-92</u>	<u>1150</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												Special QA/QC
<u>CS-4 A-7D</u>			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>1-14-92</u>	<u>1200</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
																							Remarks	

Condition of sample: <u>Packed on ice</u>						Temperature received:							
Relinquished by sampler <u>Jonathan Jones</u>				Date	Time	Received by <u>Ken Van Stankovic</u>				Priority Rush 1 Business Day <input type="checkbox"/>			
Relinquished by				Date	Time	Received by				Rush 2 Business Days <input type="checkbox"/>			
Relinquished by				Date	Time	Received by laboratory				Date	Time	Expedited 5 Business Days <input type="checkbox"/>	
Relinquished by				Date	Time	Received by laboratory				Date	Time	Standard 10 Business Days <input type="checkbox"/>	

ARCO Facility no. 2169	City (Facility) OAKLAND	Project manager (Consultant) PAUL SUPPLE	Laboratory name Sequon
ARCO engineer Claude Cormel	Telephone no. (ARCO)	Telephone no. (Consultant) 602-2333	Contract number
Consultant name Roux Assoc.		Address (Consultant)	Method of shipment

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH - G EPA M602/6020/8015	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 601/8010	EPA 604/8240	EPA 625/8270	TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	CMM Metals EPA 6010/7000 TLC <input type="checkbox"/> STLC <input type="checkbox"/>	Lead Orig/DHS <input type="checkbox"/> Lead EPA 7420/7421 <input type="checkbox"/>	STLC LEAD	Special detection Limit/reporting	Special QA/QC	Remarks	Lab number	Turnaround time		
			Soil	Water	Other	Ice	Acid																					
CS-5(A-D)	4	X	X			X		1/17/92	1432	X												2010516AD	X					
CS-6(A-D)	4	X	X			X		1/17/92	1435L	X												17AD						
CS-7(A-D)	4	X	X			X		1/17/92	1442	X												18AD	X					
CS-8(A-D)	4	X	X			X		1/17/92	1445L	X												19AD						

Condition of sample:				Temperature received:			
Relinquished by sampler <i>[Signature]</i>	Date 1/17/92	Time 3:30	Received by <i>[Signature]</i>	ECN # 175			
Relinquished by <i>[Signature]</i>	Date 1/17	Time 4:15pm	Received by <i>[Signature]</i>	Van Santbrook			
Relinquished by	Date	Time	Received by laboratory	Date 1-17-92	Time 3:32		

Priority Rush 1 Business Day

Rush 2 Business Days

Expedited 5 Business Days

Standard 10 Business Days

ARCO Facility no. 2169	City (Facility) Oakland	Project manager (Consultant) Paul Sinner	Laboratory name
ARCO engineer Chuck Carmel	Telephone no. (ARCO) 571-2469	Telephone no. (Consultant) 570-602-2333	Contract number
Consultant name Linder Dorn/Roux Assc	Address (Consultant) 1855 Wapeung Blvd Concord		Method of shipment

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX EPA 802/EPA 8020	BTX/TPH EPA 1602/8020/8015	TPH Modified 8015 Gas <input checked="" 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 624/6240	EPA 625/6270	TCAP Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	Semi Metals <input type="checkbox"/> VOA <input type="checkbox"/>	CAM Metals EPA 6010/7000 TLCL <input type="checkbox"/> STLC <input type="checkbox"/>	Lead Org./DHS <input type="checkbox"/> Lead EPA 7420/7421 <input checked="" type="checkbox"/>	STLC Lead	Special detection Limit/reporting	Special QA/QC	Remarks			
			Soil	Water	Other	Ice	Acid																					
CS9A-7D			X			X		1/29/92	1406	X	X													2010526AD				
CS10A-7D			X			X		1/30/92	1430	X	X														527AD	X	X	
CS11A-7D			X			X		1/30/92	1440	X	X														528AD			
CS12A-7D			X			X		1/30/92	1500	X	X														529AD	X	X	
CS13A-7D			X			X		1/20/92	1525	X	X														530AD			
CS14A-7D			X			X		1/20/92	1545	X	X														531AD	X	X	

Condition of sample:	Temperature received:	Priority Rush 1 Business Day		
Relinquished by sampler <i>Linder Dorn</i>	Date 1/21 Time 8:10 Am		Rush 1 Business Days	
Relinquished by	Date Time		Expedited 5 Business Days	
Relinquished by	Date Time	Received by laboratory	Date Time	Standard 10 Business Days

ARCO Facility no. **2169** City (Facility) **Oakland** Project manager (Consultant) **Paul Suppel**
 ARCO engineer **Chuck Carmel** Telephone no. (ARCO) **571-2469** Telephone no. (Consultant) **510-602-2333** Fax no. (Consultant)
 Consultant name **Burr Ass. / Linda Dorn** Address (Consultant) **1855 Gateway Blvd**

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX EPA 802/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 601/6010	EPA 624/6240	EPA 625/6270	TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	CAM Metals EPA 601/607/600 TTL <input type="checkbox"/> STL <input type="checkbox"/>	Lead Org./DHS Lead EPA 7420/7421 <input type="checkbox"/>	Method of shipment	Special detection Limit/reporting	Special QA/QC	Remarks	
			Soil	Water	Other	Ice	Acid																		
C515A-7D		4	X			X		12/1/92	1140	X	X										2010601AD				
C516A-7D		4	X			X		12/1/92	1150	X	X											602AD			
C517A-7D		4	X			X		12/1/92	1200	X	X											603AD			
C518A-7D		4	X			X		12/1/92	1145	X	X											604AD			
C519A-7D		4	X			X		12/1/92	1210	X	X											605AD			
C520A-7D		4	X			X		12/1/92	1220	X	X											606AD			
C521A-7D		4	X			X		12/1/92	1230	X	X											607AD			
C522A-7D		4	X			X		12/1/92	1235	X	X											608AD			
C523A-7D		4	X			X		12/1/92	1250	X	X											609AD			
C524A-7D		4	X			X		12/1/92	1305	X	X											610AD			
C525A-7D		4	X			X		12/1/92	1305	X	X											611AD			
C526A-7D		4	X			X		12/1/92	1320	X	X											612AD			
C527A-7D		4	X			X		12/1/92	1330	X	X											613AD			
C528A-7D		4	X			X		12/1/92	1400	X	X											614AD			
C529A-7D		4	X			X		12/1/92	1355	X	X											615AD			
C530A-7D		4	X			X		12/1/92	1405	X	X											616AD			

Condition of sample: _____ Temperature received: _____

Relinquished by sampler **Linda Dorn** Date **11/22/92** Time **0745** Received by _____
 Relinquished by _____ Date _____ Time _____ Received by _____
 Relinquished by _____ Date _____ Time _____ Received by laboratory **782** Date **1/22** Time **0740**

Turnaround time:
 Priority Rush 1 Business Day
 Rush 2 Business Days
 Expedited 5 Business Days
 Standard 10 Business Days

ARCO Facility no. *2169* City (Facility) *Oakland* Project manager (Consultant) *Paul Simpson*
 ARCO engineer *Chuck Carmel* Telephone no. (ARCO) *571-2469* Telephone no. (Consultant) *510-602-2333* Fax no. (Consultant)
 Consultant name *Houx Ass./ Linda Dorn* Address (Consultant) *1855 Gateway Blvd #770 Concord*

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 checked="" 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"/> YOA <input type="checkbox"/>	Semi Metals EPA 8010/7000 TTL <input type="checkbox"/> STL <input type="checkbox"/>	Lead Cd/DHS <input type="checkbox"/> Lead EPA 7420/7421 <input checked="" type="checkbox"/>	<i>STL Lead</i>	Method of shipment		
			Soil	Water	Other	Ice	Acid																	
<i>CS31A-D</i>	<i>4</i>	<i>4</i>	<i>X</i>				<i>12/19/92</i>	<i>1425</i>	<i>X</i>		<i>X</i>			<i>2010617AD</i>										
<i>CS32A-D</i>	<i>4</i>	<i>4</i>	<i>X</i>				<i>12/19/92</i>	<i>1440</i>	<i>X</i>		<i>X</i>			<i>618AD</i>						<i>X</i>	<i>X</i>			
<i>CS33A-D</i>	<i>4</i>	<i>4</i>	<i>X</i>				<i>12/19/92</i>	<i>1445</i>	<i>X</i>		<i>X</i>			<i>619AD</i>						<i>X</i>	<i>X</i>			
<i>CS34A-D</i>	<i>4</i>	<i>4</i>	<i>X</i>				<i>12/19/92</i>	<i>1455</i>	<i>✓</i>		<i>X</i>			<i>620AD</i>						<i>X</i>	<i>X</i>			

Condition of sample: _____ Temperature received: _____
 Relinquished by sampler *Linda Dorn* Date *1/22/91* Time *0745* Received by _____
 Relinquished by _____ Date _____ Time _____ Received by _____
 Relinquished by _____ Date _____ Time _____ Received by laboratory *[Signature]* Date *1/22/97* Time *0740*

Priority Rush 1 Business Day
 Rush *2* Business Days
 Expedited 3 Business Days
 Expedited 5 Business Days
 Standard 10 Business Days

ARCO Facility no. 2169	City (Facility) OAKLAND	Project manager (Consultant) PAUL SUPPLE	COPY
ARCO engineer MR. CHUCK CARMEL	Telephone no. (ARCO) 571-2434	Telephone no. (Consultant) 602-2333	
Consultant name ROUX ASSOCIATES		Address (Consultant) 1855 GATEWAY BLVD, SUITE 270, CONCORD CA 94520	

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH EPA M602/8020/8015	TPH Modified 8015 Gas <input type="checkbox"/> Diesel <input checked="" 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	TCUP 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 601/7000 TLC <input type="checkbox"/> STLC <input type="checkbox"/>	Lead Org (OHS) <input checked="" type="checkbox"/> Lead EPA 7420/7421 <input type="checkbox"/>	Special detection Limit/reporting
			Soil	Water	Other	Ice	Acid															
CS-35A-D			X			X		2/18/92	14:20		X	X										202-2608
CS-36A-D			X			X		2/18/92	14:55		X	X										09
CS-37A-D			X			X		2/18/92	15:25		X	X										10
CS-38A-D			X			X		2/18/92	15:45		X	X									X	11
CS-39A-D			X			X		2/18/92	16:10		X	X										12
CS-40A-D			X			X		2/18/92	16:30		X	X										13
CS-41A-D			X			X		2/18/92	17:15		X	X										14
CS-42A-D			X			X		2/18/92	17:40		X	X									X	15
CS-43A-D			X			X		2/18/92	18:05		X	X										16
CS-44A-D			X			X		2/18/92	18:25		X	X										17

Condition of sample: Good			Temperature received: COOL		
Relinquished by sampler John F. O'Connell	Date	Time	Received by		
Relinquished by	Date	Time	Received by		
Relinquished by	Date	Time	Received by laboratory <i>[Signature]</i>	Date 2-18-92	Time 7:55

Laboratory name: SEQUOIA

Contract number: 07-073

Method of shipment: HAND DELIVERED

Special QA/QC

Remarks

Lab number

Turnaround time

Priority Rush 1 Business Day

Rush 2 Business Days

Expedited 5 Business Days

Standard 10 Business Days

ARCO Products Company

Division of Atlantic Richfield Company

Task Order No. **2K9-91-1**

Chain of Custody

ARCO Facility no. 2K9	City (Facility) OAKLAND	Project manager (Consultant) PAUL SLAPPE	Laboratory name SEQUOIA
ARCO engineer CHUCK CARMEL	Telephone no. (ARCO)	Telephone no. (Consultant) 602-2333	Contract number
Consultant name ROUX ASSOCIATES	Address (Consultant) 1855 GATEWAY BLVD #770, Concord		

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 checked="" type="checkbox"/> Diesel <input checked="" type="checkbox"/>	Oil and Grease 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/>	TPH EPA 418.1/SM503E	EPA 601/6010	EPA 624/6240	EPA 625/6270	TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	Semi Metals EPA 601/7000 TLC <input type="checkbox"/> STLC <input type="checkbox"/>	Lead Org./DHS <input type="checkbox"/> Lead EPA 7420/7421 <input type="checkbox"/>	Method of shipment HAND			
			Soil	Water	Other	Ice	Acid																	
CS-45(A-D)	4	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3/3/92	1100	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2030098AD		
CS-46(A-D)	4	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3/3/92	1115	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	↓ 99AD		

Method of shipment	HAND
Special detection Limit/reporting	
Special QA/QC	
Remarks	
Lab number	
Turnaround time	

Condition of sample:	Temperature received:
Relinquished by sampler <i>Josh W. Howard</i>	Date 3/3/92
Relinquished by	Time 12:10
Relinquished by	Received by <i>[Signature]</i>
Relinquished by	Date 03/03/92
Relinquished by	Time 12:10 PM
Relinquished by	Received by laboratory
Relinquished by	Date
Relinquished by	Time

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

ARCO Products Company

Chain of Custody

Division of AtlanticRichfieldCompany

Task Order No.

ARCO Facility no. **2169**

City (Facility) **OAKLAND**

Project manager (Consultant) **Paul Supple**

Laboratory name
Sequoia

ARCO engineer **Frank G. Gamel**

Telephone no. (ARCO)

Telephone no. (Consultant) **510-602-2333**

Fax no. (Consultant) **510 687 1258**

Contract number

Consultant name **Roux Associates**

Address (Consultant) **1855 Gateway Blvd. #770 Concord CA. 94526**

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 checked="" type="checkbox"/>	Oil and Grease 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/>	TPH EPA 418, 11/SN503E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/>	Semi Metals <input type="checkbox"/> VOA <input type="checkbox"/>	CAM Metals EPA 6010/7000 TLC <input type="checkbox"/> STLC <input type="checkbox"/>	Lead Org./DHS <input type="checkbox"/> Lead EPA <input type="checkbox"/>	7420/7421 <input type="checkbox"/>	Method of shipment							
			Soil	Water	Other	Ice	Acid																							
CS-47A-D		4	X			X					X	X																2030482	Special detection Limit/reporting	
		4	X								X	X																83		

Method of shipment

Special detection Limit/reporting

Special QA/QC

Remarks

Lab number

Turnaround time

Priority Rush 1 Business Day

Rush 2 Business Days

Expedited 5 Business Days

Standard 10 Business Days

Condition of sample:

Temperature received:

Relinquished by sampler
Frank O. Connell

Date **7/5/92** Time **1755**

Received by
A. Wagner

Relinquished by

Date

Received by

Relinquished by

Date

Received by laboratory

Date

Time

ARCO Products Company 

Division of AtlanticRichfieldCompany

Task Order No. **2169-91-1**

Chain of Custody

ARCO Facility no. 2169	City (Facility) OAKLAND	Project manager (Consultant) PAUL SUPPLE	Laboratory name SEQUOIA
ARCO engineer Chuck CARNEI	Telephone no. (ARCO) 415 5712434	Telephone no. (Consultant) (510) 602-2333	Contract number
Consultant name ROX ASSOCIATES	Address (Consultant) 1855 GATEWAY BLVD, CONCORD.		

Sample I.D.	Lab no.	Container no.	Matrix					Sampling date	Sampling time	BTEX EPA 8020	BTEX/TPH EPA 1631/8020/8015	TPH Modified 8015 Gas Diesel <input checked="" 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"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	Semi Metals EPA 6010/7000 TTLC <input type="checkbox"/> STLC <input type="checkbox"/>	Lead Org./DHS <input checked="" type="checkbox"/> Lead EPA 7420/7421 <input type="checkbox"/>		
			Soil	Water	Other	Ice	Acid															
CS-49A-D		4	X				3/23/92	16:10		X	X											
CS-50A-D		4	X				3/23/92	16:30		X	X											

Method of shipment **Hand**

Special detection Limit/reporting

Special QA/QC

Remarks

Lab number

Turnaround time

Priority Rush 1 Business Day

Rush 2 Business Days

Expedited 5 Business Days

Standard 10 Business Days

Condition of sample:	Temperature received:
Relinquished by sampler	Date 3/23 Time 1915 Received by A. Nagne.
Relinquished by	Date _____ Time _____ Received by _____
Relinquished by	Date _____ Time _____ Received by laboratory _____ Date _____ Time _____

ARCO Facility no. 2169 City (Facility) OAKLAND Project manager (Consultant) PAUL SUPPLE
 ARCO engineer CHUCK CARMEL Telephone no. (ARCO) (415) 571-2434 Telephone no. (Consultant) (510) 602-2333 Fax no. (510) 687-1258
 Consultant name ROUX ASSOCIATES Address (Consultant) SUITE 770, 7855 GATEWAY BLVD. CONCORD

Laboratory name: SEQUOIA
 Contract number:

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH EPA 1632/8020/8015	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/SM808E	EPA 601/8010	EPA 624/8240	EPA 635/8270	TCUP Mercury <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	Semi Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	CAN Metals EPA 601/7000 ITLC <input type="checkbox"/> STLC <input type="checkbox"/>	Lead/Cd/DHS Lead EPA 7420/7421 <input type="checkbox"/>	70%
			Soil	Water	Other	Ice	Acid															
CS-51(A-D)	4		X			X		3/30/92	9:15	X											X	
CS-52(A-D)	4		X			X		3/30/92	9:35	X											X	

Method of shipment
 HAND

Special detection Limit/reporting

Special QA/QC

Remarks

Lab number

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

Condition of sample:
 Relinquished by sampler Frank O'Connell Date 3/30 Time 10:40 AM
 Relinquished by Date Time
 Relinquished by Date Time

Temperature received:
 Received by Kim Van Slambroek
 Received by
 Received by laboratory Date Time

ARCO Facility no. 2169	City (Facility) OAKLAND	Project manager (Consultant) PAUL SU PPLE	Laboratory name SEQUOIA
ARCO engineer CHUCK CARMEL	Telephone no. (ARCO) (415) 571-2454	Telephone no. (Consultant) (510) 602-2393	Contract number
Consultant name		Fax no. (Consultant) (510) 687-1258	
Address (Consultant)			

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH EPA M602/8020/8015	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 601/8010	EPA 624/8240	EPA 625/8270	TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	Semi-Metals EPA 601/7000 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															
CS-53(A-0)	4	X	X			X		4/1/92	9:55		X										Hand	
																						Special detection Limit/reporting
																						Special QA/QC
																						Remarks
																						Lab number
																						Turnaround time

Condition of sample:	Temperature received:				
Relinquished by sampler Frank O'Connell Date 4/1 Time 10:00 AM	Received by Van Gamberak				
Relinquished by	Date	Time	Received by		
Relinquished by	Date	Time	Received by laboratory	Date	Time

Priority Rush 1 Business Day

Rush 2 Business Days

Expedited 5 Business Days

Standard 10 Business Days

ARCO Products Company
Division of Atlantic Richfield Company

Task Order No. **2169-92-1A**

Chain of Custody

ARCO Facility no. **2169** City (Facility) **OAKLAND** Project manager (Consultant) **PAUL SUPPLE** Laboratory name **SEQUOIA**

ARCO engineer **CHUCK CAMEL** Telephone no. (ARCO) **(510) 571-2434** Telephone no. (Consultant) **(510) 602-2333** Fax no. (Consultant) **(510) 687-1258** Contract number

Consultant name **ROY ASSOCIATES** Address (Consultant) **SUITE 770, 1855 GATEWAY BLVD. CONCORD**

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH EPA 8620/8020/8015	TPH Modified 8015 Gas <input type="checkbox"/> Diesel <input checked="" type="checkbox"/>	Oil and Grease 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/>	TPH EPA 418.1/SMS03E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	Semi Metals EPA 601/7000 TTLC <input type="checkbox"/> STLC <input type="checkbox"/>	Lead Org./DHHS <input type="checkbox"/> Lead EPA 7420/7421 <input type="checkbox"/>	Method of shipment	
			Soil	Water	Other	Ice	Acid															
CS-54(A-0)	4		X			X	4/7/92	8:45		X	X											Hand
CS-55(A-0)	4		X			X	4/7/92	9:10		X	X											

Condition of sample:				Temperature received:			
Relinquished by sampler	Date	Time	Received by	Relinquished by	Date	Time	Received by
<i>Frank J. Cornell</i>	4/7/92						
Relinquished by	Date	Time	Received by	Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Received by Laboratory	Date	Time	Received by	
			<i>[Signature]</i>	4-7-92	1245		

ARCO Facility no. 2169	City (Facility) OAKLAND	Project manager (Consultant) Paul Supple	Laboratory name Sequoia
ARCO engineer Chuck Carmel	Telephone no. (ARCO) 571-2434	Telephone no. (Consultant) 510-602-2333	Contract number
Consultant name Raux Associates		Fax no. (Consultant) 510-687-1258	Method of shipment
Address (Consultant) 1855 Gateway Blvd. # 770 Concord, CA 94520			

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTX 602/EPA 8020	BTEX/TPH EPA 1602/2420/8015	TPH Modified 8015 Gas <input type="checkbox"/> Diesel <input checked="" type="checkbox"/>	Oil and Grease 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/>	TPH EPA 418.1/SM503E	EPA 601/8010	EPA 824/8240	EPA 826/8270	TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	Semi Metals EPA 601/7000 TLC <input type="checkbox"/> STLC <input type="checkbox"/>	Lead Org. PbHS <input checked="" type="checkbox"/> Lead EPA 7420/7421 <input type="checkbox"/>	
			Soil	Water	Other	Ice	Acid														
CS-56(A-D)		4	X				X		4-10-92	13:15		X	X	2040412AD							X

Special detection Limit/reporting

Special QA/QC

Remarks

Condition of sample: <i>Paul Supple</i>		Temperature received:	
Relinquished by <i>Paul Supple</i>	Date 4-10-92	Time 3:45	Received by <i>Kim Van Stanbrook</i>
Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Received by laboratory
	Date	Time	Date
			Time

- Lab number
- Turnaround time
- Priority Rush 1 Business Day
- Rush 2 Business Days
- Expedited 5 Business Days
- Standard 10 Business Days

ARCO Products Company
Division of AtlanticRichfieldCompany

Task Order No. **2169-91-1**

Chain of Custody

ARCO Facility no. 2169	City (Facility) OAKLAND	Project manager (Consultant) PAUL SUPPLE	
ARCO engineer Chuck CAMEL	Telephone no. (ARCO) 571 2434	Telephone no. (Consultant) 510 602 2333	Fax no. (Consultant) 510 687 1258
Consultant name ROY ASSOCIATES		Address (Consultant) 1855 Gateway Blvd. #770 Concord, CA. 94520	

Laboratory name
Sequoia

Contract number

Sample I.D.	Lab no.	Container no.	Matrix			Preservation		Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH EPA 1632/8020/8015	TPH Modified 8015 Gas <input type="checkbox"/> Diesel <input checked="" 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"/> VOA <input type="checkbox"/>	Semi Metals <input type="checkbox"/> VOA <input type="checkbox"/> VOA <input type="checkbox"/>	CAM Metals EPA 6010/7000 TLC <input type="checkbox"/> STLC <input type="checkbox"/>	Lead Org./DHS <input type="checkbox"/> Lead EPA 7420/7421 <input type="checkbox"/>					
			Soil	Water	Other	Ice	Acid																			
CS-59(A-D)		4	X				X		4-20-92	13:20		X	X													

Method of shipment

Special detection Limit/reporting

Special QA/QC

Remarks

Lab number

Turnaround time

- Priority Rush 1 Business Day
- Rush 2 Business Days
- Expedited 5 Business Days
- Standard 10 Business Days

Condition of sample:		Temperature received:	
Relinquished by sampler <i>Paul Supple</i>	Date 4-20-92 Time 3:40 PM	Received by <i>Van Lambrook</i>	
Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Received by laboratory
			Date
			Time

APPENDIX C
Soil Disposal Documentation



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *[Handwritten Signature]*

DRIVER'S SIGNATURE

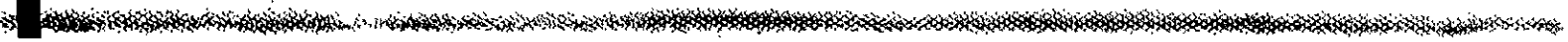
LZ DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: DILLARD	TIME: 9: 6:31	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 75	
	PER YARD 14.00	FEE 252.00	

B2/S2-2

*** CHARGE ON GR COPY

TOTAL 252.00
 INVOICE: 30360





8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

K Harold Hampton
 DRIVER'S SIGNATURE

LZ. PA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: OAKLAND		
VEHICLE: DILLARD	TIME: 12: 9:35	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 139	
	PER YARD 14.00	FEE 252.00	

B1/S1-1

*** CHARGE *** COPY

TOTAL 252.00
 INVOICE: 30400



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]
DRIVER'S SIGNATURE

[Handwritten Signature]
LZ. DA
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: GRAND AVE	DESC: OAKLAND	TIME: 9:25:13	DATE: 2/10/92
VEHICLE: DILLARD			
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 82	
	PER YARD 14.00	FEE 252.00	

BO/SO-0

CUSTOMER COPY
*** CHARGE ***

TOTAL 252.00
INVOICE: 30366



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X. Joseph Joseph
 DRIVER'S SIGNATURE

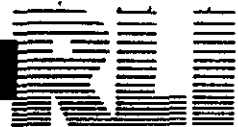
LZ. DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: DILLARD	TIME: 12:42:42	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 146	
	PER YARD 14.00	FEE 252.00	

B2/S2-2

*** CHARGE TO GR COPY

TOTAL 252.00
 INVOICE: 30404



8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

**REDWOOD
LANDFILL INC.**

X Charles McGinn
DRIVER'S SIGNATURE

LZ. DA
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: DILLARD	TIME: 9:20:37	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 80	
	PER YARD 14.00	FEE 252.00	

TOTAL 252.00
INVOICE: 30363

B1/S1-1

*** CHARGEOMER COPY



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

**REDWOOD
 LANDFILL INC.**

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *Charles McGinn*
 DRIVER'S SIGNATURE

LZ. DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: GRAND AVE	DESC: OAKLAND		
VEHICLE: DILLARD	TIME: 12:12:36	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 140	
	PER YARD 14.00	FEE 252.00	

B1/S1-1


*** CHARGE *** COPY

TOTAL 252.00
 INVOICE: 30401



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X 
 DRIVER'S SIGNATURE

LZ DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE.		
VEHICLE: DILLARD	TIME: 9:35:26	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 84	
	PER YARD 14.00	FEE 252.00	

B2/S2-2

*** CHARGE *** COPY

TOTAL 252.00
 INVOICE: 30368



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X

DRIVER'S SIGNATURE

LZ. DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: GRAND	DESC: OAKLAND		
VEHICLE: DILLARD	TIME: 12:49:47	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 148	
	PER YARD 14.00	FEE 252.00	

B2/S2-2

*** CHARGE ~~MEMO~~ COPY

TOTAL 252.00
 INVOICE: 30405



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *[Signature]*
 DRIVER'S SIGNATURE

LZ (DA)
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING
DESC: OAKLAND	
VEHICLE: DILLARD	TIME: 9:57:33 DATE: 2/10/92
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00 LOAD # : 92
<i>Grand ave.</i>	PER YARD 14.00 FEE - 252.00

BO/SO-0

*** CUSTOMER COPY

TOTAL 252.00
 INVOICE: 30372



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X R. Homer
 DRIVER'S SIGNATURE

LZ DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		DATE: 2/10/92
VEHICLE: DILLARD	TIME: 13: 3:55		
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # :	151
	PER YARD 14.00	FEE	252.00

TOTAL 252.00
 INVOICE: 30407

*** CHARGE ~~WER~~ COPY

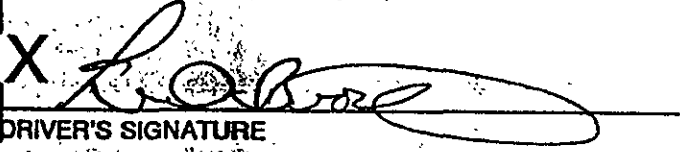
B2/S2-2



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

**REDWOOD
 LANDFILL INC.**

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X 
 DRIVER'S SIGNATURE

LZ/DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: GRAND AVE	DESC: OAKLAND		
VEHICLE: DILLARD	TIME: 10:39: 0	DATE: 2/10/92	
COMMODITY: G.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 108	
	PER YARD 14.00	FEE 252.00	

B2/S2-2

*** CHARGE OVER COPY

TOTAL 252.00
 INVOICE: 30384



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Signature]
 DRIVER'S SIGNATURE

LZ DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: BRODSKY	TIME: 14:31:48	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 172	
	PER YARD 14.00	FEE 252.00	

B1/S1-1

*** CHARGE OWNER COPY

TOTAL 252.00
 INVOICE: 30418



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *Jerry M. [Signature]*
DRIVER'S SIGNATURE

LZ. PA
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: DILLARD	TIME: 9:54:14	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 89	
	PER YARD 14.00	FEE 252.00	

B2/S1-1

*** CHARGE FOR COPY


TOTAL 252.00
INVOICE: 30371



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X 
DRIVER'S SIGNATURE

LZ DA
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: L&L	TIME: 13: 9:47	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 153	
	PER YARD 14.00	FEE 252.00	

TOTAL 252.00
INVOICE: 30408

B2/S2-2

*** CHARGE *** COPY



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *RW*
 DRIVER'S SIGNATURE

LZ DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: DILLARD	TIME: 10:26:40	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 104	
	PER YARD 14.00	FEE 252.00	

B2/S2-2

*** CHARGE ~~OVER~~ COPY

TOTAL 252.00
 INVOICE: 30777



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *[Signature]*
 DRIVER'S SIGNATURE

LZ, DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: DILLARD	TIME: 13:54:24	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 162	
	PER YARD 14.00	FEE 252.00	

B2/S2-2

*** CHARGEONE* COPY

TOTAL 252.00
 INVOICE: 30411



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

**REDWOOD
 LANDFILL INC.**

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X [Signature]
 DRIVER'S SIGNATURE

LZ DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: DILLARD	TIME: 10:36: 9	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 107	
	PER YARD 14.00	FEE 252.00	

TOTAL 252.00
 INVOICE: 30382

B2/S2-2

*** CHARGE *** COPY



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X 
 DRIVER'S SIGNATURE

LZ/DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: FERREIRO	TIME: 14:19:32	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 167	
	PER YARD 14.00	FEE 252.00	

B2/S2-2

*** CHARGE FOR COPY

TOTAL 252.00
 INVOICE: 30416



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *[Signature]* #1 2-10-92
 DRIVER'S SIGNATURE

LZ.DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: DILLARD	TIME: 10:32:40	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 106	
	PER YARD 14.00	FEE 252.00	

B1/S2-2

*** CHARGE *** COPY

TOTAL 252.00
 INVOICE: 30380



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *W. Redwine #1 2-10-92*
 DRIVER'S SIGNATURE

LZ DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: REDINGER	TIME: 14: 2:32	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 165	
	PER YARD 14.00	FEE 252.00	

TOTAL 252.00
 INVOICE: 30413

B1/S1-1

*** CHARGE ONE COPY



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X

Clint Bette

DRIVER'S SIGNATURE

LZ DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: GRAND AVE	DESC: OAKLAND		
VEHICLE: DILLARD	TIME: 10:44:18	DATE: 2/10/92	
COMMODITY: D.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 110	
	PER YARD 14.00	FEE 252.00	

2/52-2

*** CHARGEOMER COPY

TOTAL 252.00
 INVOICE: 30385



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

**REDWOOD
 LANDFILL INC.**

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X

Must Bette

DRIVER'S SIGNATURE

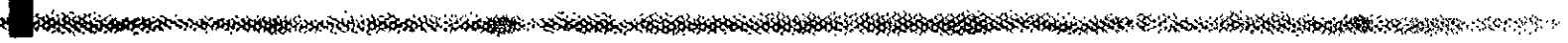
LZ. DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
DESC: OAKLAND		TIME: 13:59:55	DATE: 2/10/92
VEHICLE: DILLARD			
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 164	
<i>Grand ave .</i>	PER YARD 14.00	FEE 252.00	

TOTAL 252.00
 INVOICE: 30412

B1/S1-1

*** CHARGE OWNER COPY





8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Signature]
 DRIVER'S SIGNATURE

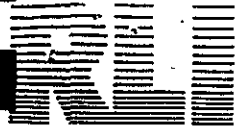
LZ. DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: DILLARD	TIME: 11:45:32	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 132	
	PER YARD 14.00	FEE 252.00	

B1/S1-1

*** CHARGE TO CUSTOMER COPY

TOTAL 252.00
 INVOICE: 30394



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X Walter Moughler
DRIVER'S SIGNATURE

LZ. DA
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND	DESC: GRAND AVE
VEHICLE: DILLARD	TIME: 11: 8:58 DATE: 2/10/92
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00 LOAD # : 116
	PER YARD 14.00 FEE 252.00

B1/S1-1

*** CHARGEON***

TOTAL 252.00
INVOICE: 30387



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X Walter M. Maglieri
DRIVER'S SIGNATURE

(LZ) DA
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING	DATE: 2/10/92
JOB NUMBER: OAKLAND	DESC: GRAND	LOAD # : 175
VEHICLE: DILLARD	TIME: 14:42:44	FEE 252.00
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	
	PER YARD 14.00	

B2/S2-2

*** CHARGE ONE COPY

TOTAL 252.00
INVOICE: 30421



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *Alan Duarte*

DRIVER'S SIGNATURE

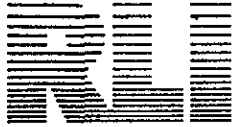
LZ DA
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE.		
VEHICLE: DUARTE	TIME: 11:26:53	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 123	
	PER YARD 14.00	FEE 252.00	

B1/S1-1

*** CHARGE ME COPY

TOTAL 252.00
INVOICE: 30390



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *John Duarte*

DRIVER'S SIGNATURE

LZ/DA
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND		
VEHICLE: DUARTE	TIME: 14:35:47	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD.# : 173	
	PER YARD 14.00	FEE 252.00	

B1/S1-1

*** CHARGE OWNER COPY

TOTAL 252.00
INVOICE: 30419



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT

X 
DRIVER'S SIGNATURE

LZ. DA
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: GRAND AVE	DESC: OAKLAND		
VEHICLE: DILLARD	TIME: 11:21: 7	DATE: 2/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 119	
	PER YARD 14.00	FEE 252.00	

B0/S0-0

CUSTOMER COPY
*** CHARGE ***

TOTAL 252.00
INVOICE: 30389



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X

DRIVER'S SIGNATURE

LZ. DA
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRANDE AVE		
VEHICLE: HEIN	TIME: 14: 6: 7	DATE: 2/10/92	
COMMODITY: D.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 166	
	PER YARD 14.00	FEE 252.00	

TOTAL 252.00
 INVOICE: 30414

B1/S1-1

*** CHARGE OVER COPY



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

Lois Stephen
 DRIVER'S SIGNATURE

LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345
 JOB NUMBER: OAKLAND
 VEHICLE: D.J.

CUSTOMER: DILLARD TRUCKING
 DESC: GRAND AVE.

TIME: 7:40:39 DATE: 2/11/92

COMMODITY: O.C./P.C. DIRT/PLAST

YARDS: 18.00

LOAD # : 60

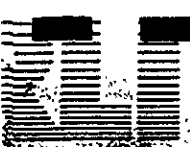
PER YARD 14.00

FEE 252.00

TOTAL 252.00
 INVOICE: 30483

*** CHARGE CUSTOMER COPY ***

0/SO-0



DWOOD
WASTE FILLING INC.

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

PERSONS USING THESE PREMISES DO SO AT
THEIR OWN RISK.
CHILDREN AND PETS ARE NOT ALLOWED OUT
OF VEHICLES.
NO RUMMAGING IN DUMP AREA.
NO SMOKING ON DUMP SITE.
PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

Charles Stephen
OWNER'S SIGNATURE

LI DP
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND	DESC: GRAND AVE
VEHICLE: D.J.	TIME: 11:17: 9
	DATE: 2/11/92
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00
	LOAD # : 136
	PER YARD 14.00
	FEE 252.00

TOTAL 252.00
INVOICE: 30535

L/S1-1

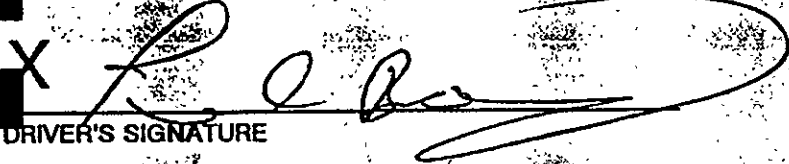
*** CHARGE OWNER COPY



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO.
THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT
OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X 
DRIVER'S SIGNATURE

L7 DP
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: BRODSKY	TIME: 8:23:58	DATE: 2/11/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 71	
	PER YARD 14.00	FEE 252.00	

B2/S2-2

*** CHARGE TO MER COPY

TOTAL 252.00
INVOICE: 30496



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *L.O. Brol*
DRIVER'S SIGNATURE

LZ DP
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE	TIME: 11:42:38	DATE: 2/11/92
VEHICLE: BRODSKY			
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	LOAD # : 147	
	PER YARD 10.00	FEE 180.00	

B0/S1-1

*** CHARGE ***
CUSTOMER COPY

TOTAL 180.00
INVOICE: 30544



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Signature]
 DRIVER'S SIGNATURE

LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING	
JOB NUMBER: OAKLAND	DESC: GRAND AVE	
VEHICLE: BROSKY	TIME: 14:59:57	DATE: 2/11/92
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 196
	PER YARD 14.00	FEE 252.00



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *Sam McHugh*
 DRIVER'S SIGNATURE

LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRANT AVE		
VEHICLE: L&L	TIME: 11: 2:40	DATE: 2/11/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 125	
	PER YARD 14.00	FEE 252.00	

B1/S1-1

*** CHARGE ONE COPY

TOTAL 252.00
 INVOICE: 30531



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X. Gary McEgan
 DRIVER'S SIGNATURE

L7 DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: L&L	TIME: 8:11: 2	DATE: 2/11/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 67	
	PER YARD 14.00	FEE 252.00	

B2/S2-2

*** CHARGE OR COPY

TOTAL 252.00
 INVOICE: 30490



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X

Christ Botti

DRIVER'S SIGNATURE

LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE.		
VEHICLE: BOTTI	TIME: 13:42:23	DATE: 2/11/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 172	
	PER YARD 14.00	FEE 252.00	

B2/S2-2

*** CHARGE OVER COPY

TOTAL 252.00
 INVOICE: 30563



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X

Ken Botta

LZ DP
 RECEIVED BY

DRIVER'S SIGNATURE

ACCOUNT NUMBER: 2345
 JOB NUMBER: OAKLAND
 VEHICLE: BOTTI

CUSTOMER: DILLARD TRUCKING
 DESC: GRAND AVE
 TIME: 11: 2:11

DATE: 2/11/92

COMMODITY: O.C./P.C. DIRT/PLAST

YARDS: 18.00

LOAD # : 125

PER YARD

14.00

FEE 252.00

TOTAL 252.00
 INVOICE: 30530

B0/S0-0

*** CHARGE ***
 CUSTOMER COPY



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

Ken Botti

DRIVER'S SIGNATURE

LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: BOTTI	TIME: 8:11:37	DATE: 2/11/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 67	
	PER YARD 14.00	FEE 252.00	

B0/S0-0

*** CHARGE ***
 CUSTOMER COPY

TOTAL 252.00
 INVOICE: 30491



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]
 DRIVER'S SIGNATURE

LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE.		
VEHICLE: HEIM	TIME: 13:43:15	DATE: 2/11/92	
COMMODITY: D.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 173	
	PER YARD 14.00	FEE 252.00	

TOTAL 252.00
 INVOICE: 30564

B0/S1-1

*** CHARGE ***
 CUSTOMER COPY

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

**REDWOOD
LANDFILL INC.**

[Signature]
DRIVER'S SIGNATURE

LZ DP
RECEIVED BY

ACCOUNT NUMBER: 2345
JOB NUMBER: OAKLAND
VEHICLE: HEIM

CUSTOMER: DILLARD TRUCKING
DESC: GRAND AVE
TIME: 11:24:22

DATE: 2/11/92

COMMODITY: O.C./P.C. DIRT/PLAST YARDS: 18.00 LOAD #: 139
PER YARD 14.00 FEE 252.00

TOTAL 252.00
INVOICE: 30538

2/S2-2 *** CHARGE TO CUSTOMER COPY



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]
 DRIVER'S SIGNATURE

[Handwritten Signature]
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING	DATE: 2/11/92
JOB NUMBER: OAKLAND	DESC: GRAND AVE	LOAD # : 73
VEHICLE: HEIN	TIME: 8:27: 2	FEE 252.00
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	
	PER YARD 14.00	

12/52-2

*** CHARGE MEER COPY

TOTAL 252.00
 INVOICE: 30497



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

**REDWOOD
 LANDFILL INC.**

X *BB*

RIVER'S SIGNATURE

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING	
JOB NUMBER: OAKLAND	DESC: GRAND AVE	
VEHICLE: DENBESTW	TIME: 14:57:55	DATE: 2/11/92
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	LOAD # : 194
	PER YARD 10.00	FEE 180.00

B2/S2-2

*** CHARGE TO MR COPY

TOTAL 180.00
 INVOICE: 30573

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

**REDWOOD
LANDFILL INC.**

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *BOP*

DRIVER'S SIGNATURE

LZ DP
RECEIVED BY

ACCOUNT NUMBER: 2345 CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND DESC: GRAND AVE
VEHICLE: DENBESTE TIME: 12:12:58 DATE: 2/11/92
COMMODITY: O.C./P. C. DIRT YARDS: 18.00 LOAD #: 152
PER YARD 10.00 FEE 180.00

B1/S1-1

*** CUSTOMER COPY

TOTAL 180.00
INVOICE: 30548



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

X *[Signature]*
 DRIVER'S SIGNATURE

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND	DESC: GRAND AVE
VEHICLE: DEBBESTE	TIME: 9: 4:44
	DATE: 2/11/92
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00
	LOAD # : 85
	PER YARD 10.00
	FEE 180.00

B0/S0-0

*** CHARGE ***
 CUSTOMER COPY

TOTAL 180.00
 INVOICE: 30505



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *Leo Brodsky*
DRIVER'S SIGNATURE

DON
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING	DATE: 2/12/92
JOB NUMBER: OAKLAND	DESC: GRAND AVE	LOAD # : 114
VEHICLE: BRODSKY	TIME: 10:46: 5	FEE 252.00
COMMODITY: O.C. /P.C. DIRT/PLAST	YARDS: 18.00	
	PER YARD 14.00	



8950 REDWOOD HIGHWAY
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 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]
 DRIVER'S SIGNATURE

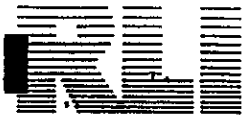
LZ. DA. RK
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE	TIME: 13:11:28	DATE: 3/ 2/92
VEHICLE: WHEELER			
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 234	
	PER YARD 14.00	FEE 252.00	

P2/S2-2

*** CHARGEON** CC

TOTAL 252.00
 INVOICE: 32735



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

**REDWOOD
 LANDFILL INC.**

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X 
 DRIVER'S SIGNATURE

LZ, DA, RK
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE.	TIME: 10:23: 8	DATE: 3/ 2/92
VEHICLE: WHEELER			
COMMODITY: O. C. /P. C. DIRT	YARDS: 18.00	LOAD # : 128	
	PER YARD 10.00	FEE 180.00	

BO/SO-0

*** CHARGE *** COPY

TOTAL 180.00
 INVOICE: 32681



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]
 DRIVER'S SIGNATURE

RK. LZ. DA.
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: WHEELER	TIME: 7:45:10	DATE: 3/ 2/92	
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	LOAD # : 62	
	PER YARD 10.00	FEE 180.00	

1/S1-1

*** CHARGE ***

TOTAL 180.00
 INVOICE: 32644



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Signature]
 DRIVER'S SIGNATURE

[Signature] DA. RK
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: WHEELER	TIME: 12:44:49	DATE: 3/ 2/92	
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	LOAD # : 222	
	PER YARD 10.00	FEE 180.00	

B2/S2-2

*** CHARGE ***

TOTAL 180.00
 INVOICE: 32729



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Signature]
 DRIVER'S SIGNATURE

[Signature]
 L.Z. DA. RK
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE.		
VEHICLE: WHEELER	TIME: 10: 5:40	DATE: 3/ 2/92	
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	LOAD # : 120	
	PER YARD 10.00	FEE 180.00	

B1/S1-1

*** CHARGE ***

TOTAL 180.00
 INVOICE: 32677



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]

DRIVER'S SIGNATURE

RK. LZ. DA.
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND LAKE		
VEHICLE: WHELLER	TIME: 7:31:43	DATE: 3/ 2/92	
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	LOAD # : 56	
	PER YARD 10.00	FEE 180.00	

BO/SO-0

*** CHARGE ***

TOTAL 180.00
 INVOICE: 32639



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]
 DRIVER'S SIGNATURE

[Handwritten Signature]
 LZ, DA, RK
 RECEIVED BY

ACCOUNT NUMBER: 2345
 JOB NUMBER: OAKLAND
 VEHICLE: GOODWIN

CUSTOMER: DILLARD TRUCKING
 DESC: GRAND AVW

TIME: 13:46:12 DATE: 3/ 2/92

COMMODITY: O.C./P.C. DIRT/PLAST YARDS: 18.00 LOAD # : 248
 PER YARD 14.00 FEE 252.00

BO/SO-0

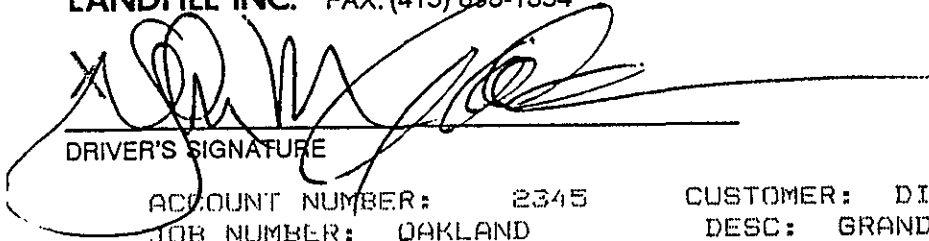
*** CHARGE ***


TOTAL 252.00
 INVOICE: 32743



8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.


DRIVER'S SIGNATURE

 LZ.DA.RK
RECEIVED BY

ACCOUNT NUMBER: 2345 CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND DESC: GRAND AVE.
VEHICLE: GOODWIN TIME: 11:13:36 DATE: 3/ 2/92
COMMODITY: O.C./P.C. DIRT/PLAST YARDS: 18.00 LOAD # : 163
PER YARD 14.00 FEE 252.00

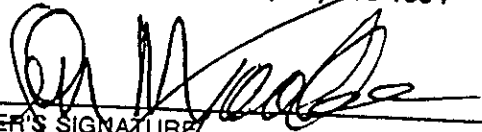
TOTAL 252.00
INVOICE: 32705



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X 
DRIVER'S SIGNATURE

LZ DA RK
RECEIVED BY

ACCOUNT NUMBER: 2345
JOB NUMBER: OAKLAND
VEHICLE: GOODWIN

CUSTOMER: DILLARD TRUCKING
DESC: GRAND AVE
TIME: 8:27:47

DATE: 3/ 2/92

COMMODITY: O.C./P.C. DIRT/PLAST

YARDS: 18.00
PER YARD 14.00

LOAD # : 74

FEE 252.00

B1/S1-1

*** CHANGE OVER COPY

TOTAL 252.00
INVOICE: 33651



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X M O B n e r s

DRIVER'S SIGNATURE

LZ: DA: RR
 RECEIVED BY

ACCOUNT NUMBER: 2345
 JOB NUMBER: OAKLAND
 VEHICLE: PAT OBRT

CUSTOMER: DILLARD TRUCKING

DESC: GRAND

TIME: 13:25:12

DATE: 3/1/92

COMMODITY: O.C./P.C. DIRT/PLAST

YARDS: 18.00

LOAD # : 238

PER YARD 14.00

FEE 252.00

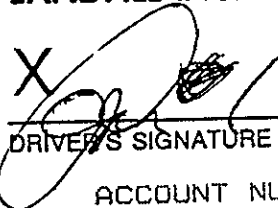
*** CHARGE ***


TOTAL 252.00
 INVOICE: 3P73B



8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X 
DRIVER'S SIGNATURE


RECEIVED BY

ACCOUNT NUMBER: 2345
JOB NUMBER: OAKLAND
VEHICLE: WHEELER

CUSTOMER: DILLARD TRUCKING
DESC: GRAND AVE.
TIME: 10:26:36

DATE: 3/ 3/92

COMMODITY: O.C./P. C. DIRT

YARDS: 18.00

LOAD # : 142

PER YARD

10.00

FEE 180.00

TOTAL 180.00
INVOICE: 32867



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X Jeff Shook #70
 DRIVER'S SIGNATURE

LZ: D RK
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND	DESC: GRAND
VEHICLE: WHEELER	TIME: 12:35:32
	DATE: 3/ 2/92
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00
	LOAD # : 218
	PER YARD 10.00
	FEE 180.00

B2/92-2

*** CHARGE ***

TOTAL 180.00
 INVOICE: 32724

**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT
THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
 - NO RUMMAGING IN DUMP AREA.
 - NO SMOKING ON DUMP SITE.
 - PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

(RK) LZ
RECEIVED BY

RIVER'S SIGNATURE

ACCOUNT NUMBER: 2345
JOB NUMBER: OAKLAND
VEHICLE: WHEELER
COMMODITY: O.C./P. C. DIRT

CUSTOMER: DILLARD TRUCKING
DESC: GRAND
TIME: 8: 2:46
YARDS: 18.00
PER YARD 10.00

DATE: 3/ 3/92
LOAD # : 72
FEE 180.00

TOTAL 180.00
INVOICE: 32826

BO/S1-1

*** CHARGE ***

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

**REDWOOD
LANDFILL INC.**

[Signature]
DRIVER'S SIGNATURE

 DON
RECEIVED BY

ACCOUNT NUMBER: 2345
JOB NUMBER: OAKLAND
VEHICLE: KINSEY

CUSTOMER: DILLARD TRUCKING
DESC: WEST GRAND AVE
TIME: 9:56:33

DATE: 3/11/92

COMMODITY: O.C./P. C. DIRT

YARDS:	18.00	LOAD # :	129
PER YARD	10.00	FEE	180.00

TOTAL 180.00
INVOICE: 33738

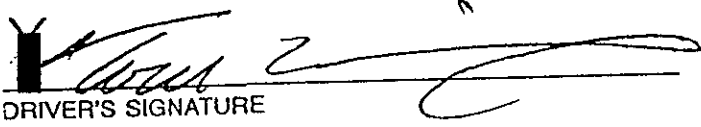
*** CHARGE ***
COPIES OF COPY

32/S2-2



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.


 DRIVER'S SIGNATURE

 DON
 RECEIVED BY

ACCOUNT NUMBER: 2345
 JOB NUMBER: OAKLAND
 VEHICLE: KINSEY

CUSTOMER: DILLARD TRUCKING
 DESC: WEST GRAND AVE
 TIME: 12:31:14

DATE: 3/11/92

COMMODITY: O.C./P. C. DIRT

YARDS: 18.00
 PER YARD 10.00

LOAD # : 199
 FEE 180.00

TOTAL 180.00
 INVOICE: 33764

*** CHARGE ***



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO S THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPI

X LARRY CONRAD
DRIVER'S SIGNATURE

 DON
RECEIVED BY

ACCOUNT NUMBER: 2345
JOB NUMBER: OAKLAND
VEHICLE: CONRAD

CUSTOMER: DILLARD TRUCKING
DESC: WEST GRAND AVE
TIME: 14:30:26

DATE: 3/11/92

COMMODITY: O.C./P.C. DIRT/PLAST

YARDS: 18.00

LOAD # : 245

PER YARD

14.00

FEE 252.00

B2/S1-1

*** CHARGE ***
CUSTOMER COPY

TOTAL 252.00
INVOICE: 33770



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

Larry Conrad
 DRIVER'S SIGNATURE

ACCOUNT NUMBER: 2345
 JOB NUMBER: OAKLAND
 VEHICLE: CONRAD

CUSTOMER: DILLARD TRUCKING
 DESC: WEST GRAND AVE
 TIME: 11:42: 1

 DON
 RECEIVED BY

DATE: 3/11/92

COMMODITY: O. C. /P. C. DIRT/PLAST

YARDS: 18.00

LOAD # : 179

PER YARD 14.00

FEE 252.00

P2/S2-2

*** CHARGE ***

TOTAL 252.00
 INVOICE: 33755



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X Larry Conrad
DRIVER'S SIGNATURE

DON
RECEIVED BY

ACCOUNT NUMBER: 2345
JOB NUMBER: OAKLAND
VEHICLE: CONRAD

CUSTOMER: DILLARD TRUCKING
DESC: WEST GRAND AVE
TIME: 9: 5:37

DATE: 3/11/92

COMMODITY: O.C./P. C. DIRT

YARDS: 18.00

LOAD # : 103

PER YARD 10.00

FEE 180.00

B1/S1-1

*** CHARGE ***
CUSTOMER COPY

TOTAL 180.00
INVOICE: 33721



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

Patricia L...

DRIVER'S SIGNATURE

 DON
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING	DATE: 3/11/92
JOB NUMBER: OAKLAND	DESC: WEST GRAND AVE	LOAD # : 127
VEHICLE: FARRELL	TIME: 9:54:27	FEE 180.00
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	
	PER YARD 10.00	

B2/S2-2

*** CHARGE ***

TOTAL 180.00
 INVOICE: 33737



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
 - NO RUMMAGING IN DUMP AREA.
 - NO SMOKING ON DUMP SITE.
 - PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

Patricia L. Ladd

RIVER'S SIGNATURE

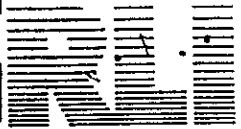
 DON
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: WEST GRAND AVE		
VEHICLE: FARRELL	TIME: 12:29:35	DATE: 3/11/92	
COMMODITY: O.C./P. C. DIRT	YARDS: 16.00	LOAD # : 198	
	PER YARD 10.00	FEE 160.00	

82/82-2

*** CHARGE ***
 COPY OF COPY

TOTAL 160.00
 INVOICE: 33763



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

*Area
Job # 1001/86*

*468 yds @ 10.00 = 4,680.00
430 yds @ 17.00 = 7,310.00
306 yds @ 17.00 = 5,202.00
Total Cost = 17,292.00*

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X

[Handwritten Signature]

[Handwritten Signature]
Approved By

DRIVER'S SIGNATURE

RK DP
RECEIVED BY

ACCOUNT NUMBER: 2345
JOB NUMBER: OAKLAND
VEHICLE: BOTT

CUSTOMER: DILLARD TRUCKING
DESC: WEST GRAND
TIME: 11:19:26

DATE: 4/1/92

COMMODITY: D.C./P.C. DIRT/PLAST

YARDS: 18.00

LOAD #: 189

PER YARD 14.00

FEES 252.00

TOTAL 252.00
INVOICE: 361.00

B1751-1

*** CHARGE ***



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAIN


 DRIVER'S SIGNATURE

RK DE
 RECEIVED BY

ACCOUNT NUMBER: 2345
 JOB NUMBER: OAKLAND
 VEHICLE: WHEELER

CUSTOMER: DILLARD TRUCKING
 DESC: ~~WEATHER~~ W. GRANDS

TIME: 8:34:15 DATE: 4/ 1/92

COMMODITY: O.C./P. C. DIRT

YARDS: 18.00 LOAD #: 85

PER YARD 10.00 FEE 180.00

TOTAL 180.00
 INVOICE: 30090

K1781-1

*** CHARGE ***



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]

DRIVER'S SIGNATURE

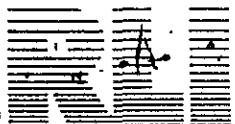
PK DP
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: W. GRAND	TIME: 11: 9:59	DATE: 4/ 1/92
VEHICLE: WHELEER			
COMMODITY: G.C./P. C. DIRT	YARDS: 18.00	LOAD # : 179	
	PER YARD : 10.00	FEE	180.00

TOTAL 180.00
INVOICE: 35096

417811

*** UNPAID ***



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

Handwritten notes:
Ak. 0
JCB
667.00

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *[Signature]*
DRIVER'S SIGNATURE

RK DP
RECEIVED BY

ACCOUNT NUMBER: 8345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: WEST BRAND		
VEHICLE: MANCUSO	TIME: 9:21:36	DATE: 4/ 1/92	
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	LOAD # : 118	
	PER YARD 10.00	FEE 150.00	

TOTAL 150.00
INVOICE # 28069

BL/01-1

*** CHARGE IMPORT ***



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *[Handwritten Signature]*

RIVER'S SIGNATURE

RE DF
RECEIVED BY

ACCOUNT NUMBER: 2345
JOB NUMBER: OAKLAND
VEHICLE: M3

CUSTOMER: DILLARD TRUCKING
DESC: W GRAND
TIME: 11:56:22

DATE: 4/ 1/92

COMMODITY: O.C./P. C. DIRT

YARDS: 18.00

LOAD #: 205

PER YARD 10.00

FEE 180.00

B1791-1

*** CHARGE ***

TOTAL 180.00
INVOICE: 36109



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]
 DRIVER'S SIGNATURE

RK DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING	DATE: 4/ 1/92
JOB NUMBER: OAKLAND	DESC: WEST GRAND	
VEHICLE: REDINGER	TIME: 11:34:16	LOAD # : 196
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	FSC 180.00
	BLK YARD 20.00	

81/SJ-

*** CHARGE ***

TOTAL 180.00
 INVOICE: 26105



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X 

DRIVER'S SIGNATURE

RK DP
RECEIVED BY

ACCOUNT NUMBER: 2045
JOB NUMBER: OAKLAND
VEHICLE: UNHELD

CUSTOMER: DILLARD FIDELITY
DESC: ~~MCAHUR~~ W GIBBS

TIME: 9:30:5 DATE: 12/27/01

COMMODITY: 0 0 41 0 0 BIRT YARD: 10 00 LOAD: 1 0 0

YARD: 10 00 LOAD: 1 0 0

BOARD

CLASSIFICATION

DATE: 12/27/01
TIME: 9:30:5



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X 

DRIVER'S SIGNATURE

RK DE
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: WEST GRAND	TIME: 11:30:47	DATE: 4/1/92
VEHICLE: WHEELER			
COMMODITY: G.C./P.C. DIRT	YARDS: 16.00	LOAD # : 194	
	PER YARD 10.00	FEE 160.00	

B1761-1

*** CHARGE ***

TOTAL 160.00
 INVOICE # 30104



**REDWOOD
LANDFILL INC.**

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P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *Rory McFey*
RIVER'S SIGNATURE

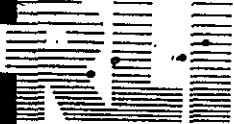
RK LZ DP
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING	DATE: 4/10/92
JOB NUMBER: OAKLAND	DESC: WT. GRAND	
VEHICLE: L L	TIME: 7:49:58	
COMMODITY: D.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 57
	PER YARD: 14.00	FEE: 252.00

PO/3110

*** CHARGE ***

TOTAL 252.00
INVOICE # 47033



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Signature]
DRIVER'S SIGNATURE

[Signature]
RK LZ DP
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: WST GRAND		
VEHICLE: REDINGER	TIME: 7:53:34	DATE: 4/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 59	
	PER YARD 14.00	FEE 252.00	

31491 1

*** CHARGE ***

TOTAL 252.00
INVOICE: 37034



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *[Signature]*
 DRIVER'S SIGNATURE

RL LZ OP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: WEST GRAND		
VEHICLE: JENSEN	TIME: 8: 2:46	DATE: 4/10/98	
COMMODITY: D.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 61	
	PER YARD 14.00	FEE 252.00	

B1/S1-1

*** CHARGE ***

TOTAL 252.00
 INVOICE: 37035



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *Sam McHayer*
DRIVER'S SIGNATURE

RK LZ DP
RECEIVED BY

ACCOUNT NUMBER: 2345 CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND DESC: GRAND AVE.
VEHICLE: L L TIME: 10:44:13 DATE: 4/10/92
COMMODITY: O.C./P.C. DIRT/PLAST YARDS: 18.00 LOAD # : 144
PER YARD 14.00 FEE 252.00

TOTAL 252.00
INVOICE: 37077

B2/S2-2

*** CHARGE ***



8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X Donall Jensen
DRIVER'S SIGNATURE

RK LZ DP
RECEIVED BY

ACCOUNT NUMBER: 2345 CUSTOMER: DILLARD TRUCKING
JOB NUMBER: ~~####~~ OAKLAND DESC: ~~####~~ GRAND AVE
VEHICLE: JENSEN (RK) TIME: 11: 4:10 DATE: 4/10/92
COMMODITY: U.S./P.C. DIRT/PLAST YARDS: 18.00 LOAD # : 150
PER YARD 14.00 TOTAL 252.00

0/90-0

*** LARGE ***

TOTAL 252.00
INVOICE # 37001



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

Bill Redinger
 DRIVER'S SIGNATURE

RK LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: REDINGER	TIME: 13:42:34	DATE: 4/10/92	
COMMODITY: C.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 219	
	PER YARD 14.00	FEE 252.00	

TOTAL 252.00
 INVOICE: 37102

B1/S1 1

*** CHARGE ***



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *David [Signature]*

DRIVER'S SIGNATURE

RH LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: JENSEN	TIME: 13:53:41	DATE: 4/10/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 224	
	PER YARD 14.00	FEE 252.00	

TOTAL 252.00
 INVOICE: 37104

B1/S1-1

*** CHARGE ***



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.


 DRIVER'S SIGNATURE

RV LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: WEST GRAND		
VEHICLE: DILLARD	TIME: 7:46:35	DATE: 4/10/92	
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	LOAD # : 55	
	PER YARD 10.00	FEE 180.00	

TOTAL 180.00
 INVOICE: 37031

82/91-2

*** CHARGE ***
 INVOICE

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.



[Handwritten Signature]
DRIVER'S SIGNATURE

RH LZ DP
RECEIVED BY

ACCOUNT NUMBER: 2345
JOB NUMBER: OAKLAND
VEHICLE: DILLARD

CUSTOMER: DILLARD TRUCKING
DESC: GRAND ST.
TIME: 10:41:58

DATE: 4/10/92

COMMODITY: G.C. 74. C. DIRT

YARDS: 18.00 LOAD # : 141
PER YARD 10.00 TOTAL 180.00

TOTAL 180.00
DUPLICATE 37070

*** CHARGE ***



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Signature]
 DRIVER'S SIGNATURE

PK LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: W. GRAND		
VEHICLE: REDINGER	TIME: 10:52: 1	DATE: 4/10/92	
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	LOAD # : 147	
	PER YARD: 10.00	FEE: 180.00	

TOTAL 180.00
 INVOICE: 37078

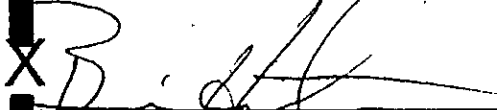
81751 1

*** CHARGE ***



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X 
 DRIVER'S SIGNATURE

RK L Z DE
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND		
VEHICLE: DILLARD	TIME: 13:32:18	DATE: 4/10/92	
COMMODITY: O.C./F. C. DJRT	YARDS: 18.00	LOAD # : 213	
	PER YARD 10.00	FEE : 180.00	

31/S1-1

*** CHARGE ***

TOTAL 180.00
 INVOICE: 37100



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X [Signature]
 DRIVER'S SIGNATURE

RH LY DP
 RECEIVED BY

ACCOUNT NUMBER: 2245 CUSTOMER: DILLARD TRUCKING
 JOB NUMBER: OAKLAND DESC: GRAND
 VEHICLE: L L TIME: 13:36:43 DATE: 4/10/92
 COMMODITY: G.C. (P. C. DIRT) YARDS: 18.00 LOAD #: 315
 PER YARD: 10.00 FEE: 180.00

TOTAL: 180.00
 INVOICE: 37001

10/50

CHARGE



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *Pat A. Farrel*

DRIVER'S SIGNATURE

RK, DA, LZ
RECEIVED BY

ACCOUNT NUMBER: 2345
JOB NUMBER: OAKLAND
VEHICLE: FARRELL

CUSTOMER: DILLARD TRUCKING
DESC: GRAND AVE

TIME: 9:45:49 DATE: 4/13/92

COMMODITY: D.C./P. C. DIRT

YARDS: 18.00 LOAD #: 113

PER YARD 10.00 FEE 180.00

04/81-1

*** CHARGE ***

TOTAL 180.00
INVOICE: 37250



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X [Signature]
 DRIVER'S SIGNATURE

RK. DA. L.Z.
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND		
VEHICLE: OBE1EN	TIME: 7: 7:38	DATE: 4/13/98	
COMMODITY: D.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 44	
	PER YARD 14.00	FEE 252.00	

P1751-1

*** CHARGE ***

TOTAL 252.00
 INVOICE: 37223



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]

DRIVER'S SIGNATURE

RK. DALZ
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND		
VEHICLE: DILLARD	TIME: 7: 4:37	DATE: 4/13/92	
COMMODITY: U.C.L.P.C. DIRTY PLAST	YARDS: 18.00	LOAD # : 40	
	PER YARD 24.00	FEE: 24.00	

TOTAL
UNPAID

*** CHARGE ***



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X Patricia Lopez

DRIVER'S SIGNATURE

RK, DA, LZ
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND		
VEHICLE: FARKELL	TIME: 7:13:43	DATE: 4/13/92	
COMMODITY: D.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 46	
	PER YARD 14.00	FEI 252.00	

31/S1-1

*** CHARGE ***

TOTAL 252.00
 INVOICE: 37024

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.



MOTZ...
OPER'S SIGNATURE

D
RK, DA, LZ
RECEIVED BY

ACCOUNT NUMBER: 2345 CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND DESC: GRAND AVE
VEHICLE: DILLARD TIME: 9:17:46 DATE: 4/13/92
COMMODITY: G. C. / P. C. DIRT/PLAST YARDS: 18.00 LOAD #: 98
PER YARD FLE 250.00

TOTAL 250.00
INVOICE #: 37203

*** CHARGE ***



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

MORAN

DRIVER'S SIGNATURE

RK, DA, LZ
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE		
VEHICLE: OBRIEN	TIME: 11:59:59	DATE: 4/13/92	
COMMODITY: U.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD # : 160	
	PER YARD 14.00	FEE 252.00	

81/81-1

*** CHARGE ***

TOTAL 252.00
 INVOICE: 3774



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *[Signature]*
 DRIVER'S SIGNATURE

RK L7 DE
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: WEST GRAND		
VEHICLE: ALVISO	TIME: 7:38:21	DATE: 4/17/92	
COMPLEITY: C.C. / P. C. DIRT	YARDS: 18.00	LOAD # : 68	
	PER YARD 18.00	TUE 180.00	

TOTAL 180.00
 INVOICE: 37834

*** CHARGE ***



**REDWOOD
LANDFILL INC**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X

Rich Maciel

DRIVER'S SIGNATURE

RK LZ DP
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: WEST GRAND		
VEHICLE: ALVISO	TIME: 8: 1:21	DATE: 4/17/92	
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	LOAD # : 79	
	PER YARD: 10.00	FEE 180.00	

REVISION

*** CHARGE ***

TOTAL 180.00
INVOICE: 37826



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

DRIVER'S SIGNATURE

RK LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345
 JOB NUMBER: OAKLAND
 VEHICLE: ALVISO

CUSTOMER: DILLARD TRUCKING
 DESC: WEST GRAND

TIME: 9:44:20 DATE: 4/17/92

COMMODITY: D.C./P. C. DIRT

YARDS: 18.00 LOAD #: 132

PER YARD 10.00 FEE 180.00

11/51 1

*** CHARGE ***

TOTAL 180.00
 INVOICE #: 37807



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

**REDWOOD
 LANDELL INC.**

[Handwritten Signature]
 DRIVER'S SIGNATURE

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

RK LZ (DP)
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND	DESC: WEST GRAND
VEHICLE: ALVISO	TIME: 11:10:51
	DATE: 4/17/92
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00
	LOAD #: 192
	PER YARD 10.00
	180.00

80732-2

*** CHARGE ***

TOTAL 180.00
 INVOICE: 27890



8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X
DRIVER'S SIGNATURE

A handwritten signature in black ink, appearing to read 'Kent Botti', is written over a horizontal line.

RK L7 DP
RECEIVED BY

ACCOUNT NUMBER: 2345 CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND DESC: WEST GRAND
VEHICLE: BOTTI TIME: 7:36:59 DATE: 4/23/92
COMMODITY: O.C./P.C. DIRT/PLAST YARDS: 18.00 LOAD #: 65
PER YARD 14.00 FEE 252.00

BO/SO-0

*** CHARGE ***
INVOICE

TOTAL 252.00
INVOICE: 38511



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]

DRIVER'S SIGNATURE

RK L7 DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: WEST GRAND		
VEHICLE: DAVIS	TIME: 7:49:34	DATE: 4/23/92	
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00	LOAD #: 69	
	PER YARD 14.00	FEE 252.00	

TOTAL 252.00
 INVOICE: 38512

B1/S1-1

*** CHARGE ***
 INVOICE

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

**REDWOOD
LANDFILL INC**

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

DRIVER'S SIGNATURE

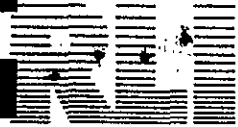
RK LZ DP
RECEIVED BY

ACCOUNT NUMBER: 2345 CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND DESC: WEST GRAND
VEHICLE: HEIN TIME: 9:28:6 DATE: 4/23/92
COMMODITY: O.C. /P.C. DIRT/PLAST YARDS: 18.00 LOAD # : 121
PER YARD 14.00 FEE 252.00

TOTAL 252.00
INVOICE: 38537

B1/S1-1

*** CHARGE ***
INVOICE



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]
DRIVER'S SIGNATURE

[Handwritten Signature]
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND	DESC: GRAND
VEHICLE: HEIM	TIME: 14:44:32
	DATE: 4/23/92
COMMODITY: O.C./P.C. DIRT/PLAST	YARDS: 18.00
	LOAD # : 315
	PER YARD 14.00
	FEE 252.00

B2/S2-2

*** CHARGE ***
INVOICE

TOTAL 252.00
INVOICE: 38623



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Handwritten Signature]

DRIVER'S SIGNATURE

RK L7 DP
RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING	
JOB NUMBER: OAKLAND	DESC: WEST GRAND	
VEHICLE: HEIN	TIME: 7:12:53	DATE: 4/23/92
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	LOAD # : 53
	PER YARD 10.00	FEE 180.00

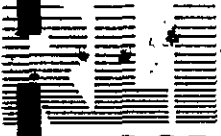
B2/S2-2

*** CHARGE ***
INVOICE

TOTAL 180.00
INVOICE: 38502

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.



REDWOOD
ANDFILL INC.

X B B

DRIVER'S SIGNATURE

RK LZ DP
RECEIVED BY

ACCOUNT NUMBER: 2345 CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND DESC: GRAND AVE
VEHICLE: DAVIS TIME: 8:14: 2 DATE: 4/23/92
COMMODITY: O.C./P. C. DIRT YARDS: 18.00 LOAD # : 84
PER YARD 10.00 FEE 180.00

TOTAL 180.00
INVOICE: 38519

1/S1-1

*** CHARGE ***
INVOICE



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

Handwritten signature

DRIVER'S SIGNATURE

RK LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND	DESC: WEST GRAND
VEHICLE: BOTTI	TIME: 10: 8:19 DATE: 4/23/92
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00 LOAD # : 154
	PER YARD 10.00 FEE 180.00

1/S1-1

*** CHARGE ***
 INVOICE

TOTAL 180.00
 INVOICE: 38552



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *[Signature]*
 DRIVER'S SIGNATURE

[Signature]
 RK LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AVE	TIME: 10:26:39	DATE: 4/23/92
VEHICLE: DAVIS			
COMMODITY: D.C./P. C. DIRT	YARDS: 18.00	LOAD # : 169	
	PER YARD 10.00	FEE 180.00	

TOTAL 180.00
 INVOICE: 38558

B0/S0-0

*** CHARGE ***
 INVOICE



**REDWOOD
LANDFILL INC.**

8950 REDWOOD HIGHWAY
P.O. BOX 793
NOVATO, CALIFORNIA 94948
TEL: (415) 892-2851
FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *Bob*
DRIVER'S SIGNATURE

RECEIVED BY
RK (LZ) DP

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING
JOB NUMBER: OAKLAND	DESC: GRAND AVE
VEHICLE: DAVIS	TIME: 10:31:27
	DATE: 4/23/92
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00
	LOAD # : 170
	PER YARD 10.00
	FEE 180.00

TOTAL 180.00
INVOICE: 38559

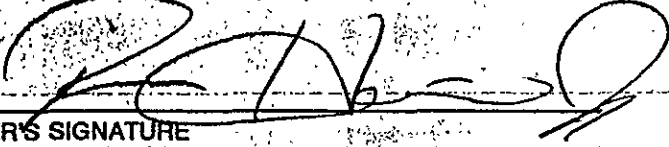
B2/S2-2

*** CHARGE ***
INVOICE



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
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- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X 
 DRIVER'S SIGNATURE

RK/LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345 CUSTOMER: DILLARD TRUCKING
 JOB NUMBER: OAKLAND DESC: GRAND AV.
 VEHICLE: HEIN TIME: 11:46:20 DATE: 4/23/92
 COMMODITY: O.C./P. C. DIRT YARDS: 18.00 LOAD # : 215
 PER YARD 10.00 FEE 180.00

B2/S2-2

*** CHARGE ***
 INVOICE

TOTAL 180.00
 INVOICE: 38581



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X
 DRIVER'S SIGNATURE

Paul Botti

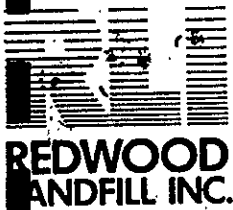
RK LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345 CUSTOMER: DILLARD TRUCKING
 JOB NUMBER: OAKLAND DESC: GRAND AV.
 VEHICLE: BOTTI TIME: 12:13:50 DATE: 4/23/92
 COMMODITY: O.C./P. C. DIRT YARDS: 18.00 LOAD #: 231
 PER YARD: 10.00 FEE: 180.00

B2/62-2

*** CHARGE ***
 INVOICE

TOTAL 180.00
 INVOICE: 38585



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *[Signature]*
 DRIVER'S SIGNATURE

RK LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345
 JOB NUMBER: OAKLAND
 VEHICLE: DAVIS

CUSTOMER: DILLARD TRUCKING
 DESC: GRAND AV
 TIME: 12:38:38

DATE: 4/23/92

COMMODITY: O.C./P. C. DIRT

YARDS: 18.00

LOAD #: 247

PER YARD

10.00

FEE 180.00

TOTAL 180.00
 INVOICE: 38591

*** CHARGE ***
 INVOICE

B1/S1-1



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

K Bol

DRIVER'S SIGNATURE

RK LZ DP
 RECEIVED BY

ACCOUNT NUMBER: 2345	CUSTOMER: DILLARD TRUCKING		
JOB NUMBER: OAKLAND	DESC: GRAND AV		
VEHICLE: DAVIS	TIME: 12:40:52	DATE: 4/23/92	
COMMODITY: O.C./P. C. DIRT	YARDS: 18.00	LOAD # : 247	
	PER YARD 10.00	FEE 180.00	

80750-0

*** CHARGE ***
 INVOICE

TOTAL 180.00
 INVOICE: 38592

APPENDIX D
Water Disposal Documentation

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

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-952-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA 1L 0 0 0 0 0 19 8 16 17		Manifest Document No. 0 1 0 1 0 1 8		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address ARCO P. O. Box 5811, San Mateo, CA 94402				6. US EPA ID Number CA 12 10 10 10 14 17 17 11 11 K 18		A. State Manifest Document Number 91508225					
4. Generator's Phone (415) 571-2434/571-2426				8. US EPA ID Number 		B. State Generator's ID 					
5. Transporter 1 Company Name H & H Ship Service Company		7. Transporter 2 Company Name		10. US EPA ID Number 		C. State Transporter's ID 					
9. Designated Facility Name and Site Address H & H Ship Service Company 220 China Basin Street San Francisco, CA 94107				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		1. Waste Number	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. OIL AND WATER NON-FLAMMABLE HAZARDOUS WASTE LIQUID				12. Containers 1 1 1 T 1		13. Total Quantity 0.5000		14. Unit Wt/Vol		State EPA/Other	
b.				12. Containers		13. Total Quantity		14. Unit Wt/Vol		State EPA/Other	
c.				12. Containers		13. Total Quantity		14. Unit Wt/Vol		State EPA/Other	
d.				12. Containers		13. Total Quantity		14. Unit Wt/Vol		State EPA/Other	
J. Additional Descriptions for Materials Listed Above FUEL OIL AND WATER						K. Handling Codes for Wastes Listed Above a. b. c. d.					
15. Special Handling Instructions and Additional Information JOP #10091 JOP SITE: ABNATIATION #2- 24 Hr. Emergency Contact: H & H #415-940-4000 APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name			Signature				Month Day Year				
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name WANTIN J. COSTELLO			Signature				Month Day Year				
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name			Signature				Month Day Year				
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name											
Signature			Signature				Month Day Year				

DO NOT WRITE BELOW THIS LINE.

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA 110 00 00 19 08 15 17	Manifest Document No. 010101019	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.						
3. Generator's Name and Mailing Address ARCO P. O. Box 5811, San Mateo, CA 94402			A. State Manifest Document Number 31508227		B. State Generator's ID 110101019						
4. Generator's Phone (415) 571-2434 / (571) 2428			C. State Transporter's ID 200006		D. Transporter's Phone (415) 571-2428						
5. Transporter 1 Company Name H & H Ship Service Company		6. USEPA ID Number CA 110 00 14 17 15 11 6 18		E. State Transporter's ID 200006		F. Transporter's Phone (415) 571-2428					
7. Transporter 2 Company Name		8. USEPA ID Number		G. State Facility's ID		H. Facility's Phone					
9. Designated Facility Name and Site Address H & H Ship Service Company 220 China Basin Street San Francisco, CA 94107			10. USEPA ID Number CA 110 00 14 17 15 11 6 18		I. State Facility's ID		J. Facility's Phone				
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol				
a. OIL AND WATER NON-PCPA (ASBESTOS WASTE) LIQUID			1 1 T 10 15 10 10 10				Waste Number State EPA/Other				
b.							State EPA/Other				
c.							State EPA/Other				
d.							State EPA/Other				
17. Additional Descriptions for Materials Listed Above OIL AND WATER NON-PCPA			K. Handling Codes for Wastes Listed Above								
15. Special Handling Instructions and Additional Information 24 Hr. Emergency Contact: H & H (415) 571-2428 APPROPRIATE EMERGENCY RESPONSE AND TREATMENT			a.		b.		c.		d.		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.			Printed/typed Name John J. [Signature]		Signature [Signature]		Month Day Year 11 11 11				
17. Transporter 1 Acknowledgement of Receipt of Materials			Printed/typed Name WAYNE H. [Signature]		Signature [Signature]		Month Day Year 11 11 11				
18. Transporter 2 Acknowledgement of Receipt of Materials			Printed/typed Name		Signature		Month Day Year				
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.			Printed/typed Name		Signature		Month Day Year				

DO NOT WRITE BELOW THIS LINE.