Report on Removal of Six Underground Fuel Storage Tanks and Associated Piping
Celis Alliance Fueling Station
4000 San Pablo Avenue
Emeryville, California

July 6, 1994
LF 3158.00-000

Prepared for
Catellus Development Corporation
201 Mission Street
San Francisco, California 94105

LEVINE·FRICKE

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

July 6, 1994 LF 3158.00-000

Ms. Susan Hugo
Senior Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94501

Subject: Report on Removal of Six Underground Fuel Storage Tanks and Associated Piping, Celis Alliance Fueling Station, Emeryville, California

Dear Ms. Hugo:

Enclosed please find the subject report. If you have questions, please call me or Michael Stoll at 510-652-4500.

Sincerely,

Julie C. Sharp

Julie C. Sharp, P.E.
Senior Project Engineer

Enclosure

cc: George Warren, Emeryville Fire Department
Lester Feldman, Regional Water Quality Control Board
Ignacio Dayrit, Emeryville Redevelopment Agency

1900 Powell Street, 12th Floor
Emeryville, California 94608
(510) 652-4500
Fax (510) 652-2246

Other offices in Irvine, CA; Sacramento/Roseville, CA; Tallahassee, FL; Honolulu, HI

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July 6, 1994 LF 3158.00-000

REPORT ON REMOVAL OF SIX UNDERGROUND FUEL STORAGE TANKS AND ASSOCIATED PIPING CELIS ALLIANCE FUELING STATION 4000 SAN PABLO AVENUE, EMERYVILLE, CALIFORNIA

1.0 INTRODUCTION

This report describes the removal of six underground storage tanks (USTs) and associated piping; the collection and analysis of soil samples from the excavations; and the results of air monitoring at the former Celis Alliance Fueling Station ("the Site") at 4000 San Pablo Avenue in Emeryville, California (Figures 1 and 2). Levine•Fricke, Inc. ("Levine•Fricke") coordinated the contractor's work and collected the soil and air samples.

UST removal activities were conducted from May 16 to 20, 1994. Levine•Fricke's services were performed in accordance with a work order dated March 22, 1994 (Levine•Fricke 1994b).

The Site, which is within the right-of-way for the proposed extension of 40th Street east of San Pablo Avenue, is owned by Mr. Constantino Celis; Catellus removed the USTs at the Site in connection with the nearby East Baybridge development project. The work was directed and supervised by the City of Emeryville Fire Department and the Alameda County Health Care Services Agency (ACHA).

1.1 Site Description and Background

The Site is located in a commercial area in Emeryville, on the east side of San Pablo Avenue, and west of a vacant warehouse. On the north and south sides of the Site are parking lots for local businesses.

From 1996 until April 1994, a fueling and service station was operated at the Site. The Site contained one building, a service garage with an attached office and canopy, and one fuel dispenser island, which was located west of the garage.

Six USTs were located at the Site. Details on the USTs are as follows:

TANK ID	LOCATION (from garage)	CAPACITY (gallons)	CONTENTS
Tank A	south	6,500	regular gasoline
Tank B	south	2,000	unleaded gasoline
Tank C	south	4,000	super unleaded gasoline
Tank D	south	6,000	unleaded gasoline
Tank E	west	7,500	diesel
Tank F	north	550	waste oil

Figure 2 shows the tank locations and underground piping, which connected the waste oil UST to the garage, and the gasoline and diesel USTs to the dispenser island; vent piping was connected from the gasoline and diesel USTs to the southeast corner of the former garage.

In mid-April 1994, the fueling and service station was closed; the garage, office, and canopy were demolished; and the dispenser island, pumps, all site pavement, and aboveground piping including vent piping were removed.

1.2 Previous Investigations

Activities to investigate and characterize the nature and extent of petroleum hydrocarbons in soil and ground water at the Site began in 1993.

Levine·Fricke Phase I Environmental Site Assessment

During Levine·Fricke's Phase I environmental site assessment (ESA), which was completed in June 1993 (Levine·Fricke 1993), several potential environmental concerns were identified.

The fueling station was found to have been present since at least 1936; however, the availability of information on historical operations was limited. Six USTs were identified as having been installed at the Site; however, limited records existed regarding their condition. Heavy oil staining was observed on the ground surface at the fueling station site during [redacted] in May 1993 and in June 1993. Stains also were noted by the ACHA inspector during an April 1993 inspection.

Levine·Fricke Phase II Investigation

During July and August 1993, Levine·Fricke conducted a Phase II investigation (Levine·Fricke 1994a) at the Site. The investigation consisted of drilling 14 soil borings, installing three on-site ground-water monitoring wells (LF-1, LF-2, and LF-3; see Figure 2), and collecting soil and ground-water samples for chemical analysis.

Results of the Phase II investigation indicated that soil and shallow ground water beneath the fuel station area had been affected by petroleum hydrocarbons (TPHg, TPHd, total recoverable petroleum hydrocarbons, and aromatic hydrocarbons) apparently released from several sources at the station.

Free-phase fuel product was measured in well LF-1 at a thickness of approximately 6 inches. Ground-water elevations measured on August 20, 1993 indicated the ground-water flow direction beneath the Site was generally toward the west under a hydraulic gradient of approximately 0.03 foot per foot.

Based on the results of the Phase II investigation and discussions with the ACHA, some remedial actions will be necessary at the Site. It is our understanding that the City of Emeryville will perform any future remedial activities.

1.3 Objective of This Investigation

The objective of the removal activities described in this report was to remove the USTs and associated piping in accordance with agency requirements.

2.0 PREPARATION FOR UST REMOVAL

Before field work began, Levine·Fricke prepared a site health and safety plan ("the site HSP"; Levine·Fricke 1994c) to address health and safety issues consisting of physical and chemical hazards related to the field work. All field work was conducted in accordance with the site HSP.

Levine·Fricke obtained tank removal permits from the ACHA and the Emeryville Fire Department, and notified the Bay Area Air Quality Management District of the UST removal activities. Levine·Fricke also submitted California State Water Resources Control Board UST Permit Application Forms A and B to the ACHA. Copies of permits and notification forms are included in Appendix A.

Levine·Fricke notified Underground Services Alert of proposed excavation activities, and retained a utility location service to clear proposed excavation locations.

A perimeter fence was installed to control site area access.

3.0 UST REMOVAL

The USTs, the underground piping, and the soil overlying the USTs and piping were removed by Trumpp Bros., Inc., of San Jose, California ("Trumpp"), a licensed general engineering contractor.

3.1 Removal of Tanks and Underground Piping

Soils overlying the USTs and piping were excavated using a backhoe and stockpiled on site. Before the tanks and piping were removed from the excavations, two vacuum trucks were brought to the Site to remove residual product and water from the USTs. Liquid was removed from the USTs and transported on May 17 to Evergreen Oil, Inc., of Newark, California, and on May 18 to Gibson Oil/Pilot Petroleum of Redwood City, California. Liquids were transported under uniform hazardous waste manifests, copies of which are included in Appendix B. Approximately 580 gallons of liquid was removed. Afterward, dry ice was placed inside the USTs to render the tanks inert by displacing any explosive gases inside.

Mr. George Warren of the Emeryville Fire Department and Ms. Susan Hugo of the ACHA were present during removal of the USTs. After the USTs and associated piping had been removed from the excavations, they were transported to Erickson, Inc., of Richmond, California, a licensed hazardous waste facility. The four gasoline USTs and the waste oil UST and associated piping were removed from the Site on May 18; the diesel UST was removed from the Site on May 20. USTs were transported under uniform hazardous waste manifests, copies of which are included in Appendix B. Appendix B also contains Certificates of Disposal for the USTs and a letter to the Department of Toxic Substances Control that identifies a correction regarding the Generator's U.S. EPA Manifest ID number used on the uniform hazardous waste manifests.

Figure 3 shows the approximate boundaries of the three excavations; removal of the four gasoline USTs (Tanks A to D) resulted in one large excavation because of the proximity of the four USTs to each other.

The depth of the excavation for the four gasoline USTs (Tanks A to D) varied from approximately 8 to 11 feet bgs. The depth of the diesel UST excavation (Tank E) was approximately 10 feet bgs. The depth of the waste oil UST excavation (Tank F) was approximately 6 feet bgs. Up to 1 foot of ground water entered the gasoline UST and diesel UST excavations.

3.2 Soil Excavation and Description

Levine·Fricke personnel recorded photoionization detector (PID) measurements and visual and olfactory observations of excavated soils.

Tank soils surrounding the gasoline and diesel USTs consisted of moist, fine-grained sand. The oil UST was surrounded by native sandy clay soil. Some soil surrounding the USTs was tan-colored; however, much of the soil was stained bluish gray to black.

Native soils consisted of moist silty to sandy clay. They were black for approximately the first 6 feet below the ground surface (bgs), and very light bluish green below 6 feet.

A brown liquid was observed seeping into the north sidewall of the gasoline UST excavation at approximately 6 feet bgs. One soil sample (G1-8; see Section 4.1 for a discussion of soil sampling) was collected at approximately 2 feet below and 2 feet north of this seepage location.

The UST excavations were left open, or partially open, pending remedial activities to be conducted by the City of Emeryville. The diesel tank (Tank E) and waste oil tank (Tank F) excavations were partially backfilled near the property lines for stability reasons.

Excavated soils were stockpiled on and covered with plastic sheeting. Approximately 250 to 300 cubic yards of soils are currently stockpiled on site.

After excavated soils had been stockpiled and soil sampling (described below in Section 4.1) had been completed, plastic sheeting was placed over the entire Site to control odor and water infiltration.

3.3 Observations of Tanks and Associated Underground Piping

All six USTs were made of welded steel. A highly corroded sacrificial anode (about 1 1/2 feet long and 5 inches in diameter) rested in soils directly above each UST, but the

anodes were not connected to the USTs. Holes were noted in two of the USTs: the 2,000-gallon unleaded gasoline UST (Tank B) and the 550-gallon waste oil UST (Tank F). The other four USTs appeared relatively intact, as described below.

Gasoline Tanks (Tanks A to D)

The regular gasoline UST (Tank A) had a tar wrap coating which was frayed such that about one-half of the surface area of the tank no longer was covered by this coating. Visual observations appeared to indicate that the tank itself was in good condition, with minimal rust and pitting. No holes were noted. Tank A measured 17 feet 3 inches long and 8 feet in diameter.

A hole was noted in the 2,000-gallon unleaded gasoline UST (Tank B) in its sidewall near the north end, about halfway down. The hole measured approximately 3/4 inch in diameter. A coating of rust up to 1/8 inch thick was noted along the top of the UST. No pitting was apparent. Tank B measured 12 feet 5 inches long and 5 feet 4 inches in diameter.

The super unleaded gasoline UST (Tank C) generally appeared intact. Minor rust areas, and pitting up to 1/8 inch deep on the tank bottom, were noted. No holes were noted. Tank C measured 18 feet long and 6 feet 4 inches in diameter.

The larger (6,000-gallon) unleaded gasoline UST (Tank D) appeared intact. A minor coating of rust up to 1/8 inch thick was apparent. No pitting or holes were noted. Tank D measured 12 feet 5 inches long and 7 feet in diameter.

Diesel Tank (Tank E)

The diesel UST appeared to be in good condition; minor rust and pitting up to 1/8 inch deep were noted. No holes were noted. Tank E measured 20 feet 3 inches long and 8 feet in diameter.

Waste Oil Tank (Tank F)

A hole measuring approximately 1 inch by ¼ inch was noted in the bottom at the east end of the oil UST. Approximately 75% of the surface of the UST was coated with rust up to ¼-inch thick. Tank F measured 8 feet long and 3 feet 6 inches in diameter.

Associated Underground Piping

Underground piping associated with the USTs consisted of recently used and previously abandoned product piping, vapor recovery piping, vent piping, and UST monitoring piping. The vapor recovery piping was made of fiberglass; the other piping was metal. The previously abandoned product piping sections had been cut off near each gasoline UST and plugged with soil near each cut. Holes were noted in the abandoned product piping to the regular gasoline UST, in the portion of the piping just north of the super unleaded UST. No other holes were noted in piping. Some of the piping was wrapped with plastic. Portions of this wrapping no longer adhered to the pipe. Moderate rust buildup was noted on some of the piping.

4.0 SAMPLING AND AIR MONITORING

4.1 Soil Sampling

Soil samples were collected from the UST excavations after the tanks were removed. Sampling locations were selected in the field by Ms. Susan Hugo of the ACHA; the locations are shown in Figure 3. Samples were identified with a letter and number. (The letter in the sample name indicates in which excavation – gasoline [G], diesel [D], or waste oil [O] – the sample was collected; the last number in the sample name indicates the sample depth in feet bgs.)

Five soil samples, G1-8, G2-10, G3-9.5, G4-10.5, and G5-8.5, were collected from native soils in the sidewalls of the gasoline UST excavation. Two soil samples, D1-9 and D2-9.5, were collected from native soils in the sidewalls of the diesel UST excavation. Bottom samples were not collected from the gasoline or diesel UST excavations because ground water was present in the excavations. One soil sample, O1-7, was collected from native soil about 1 foot below the bottom of the oil UST excavation.

Each soil sample was collected by driving a clean brass tube into the in-place soil or by driving the tube into soil in the backhoe bucket. All samples were sealed, labeled, and placed in an ice-chilled cooler for transportation to the analytical laboratory under strict chain-of-custody protocol.

4.2 Air Monitoring

During soil excavation and tank removal activities, a PID was used to check organic vapor concentrations in the work area breathing zone and around the site perimeter.

Exposure monitoring for benzene was conducted as described in the site HSP in accordance with California Title 8, CCR5218, using a passive sampler Model 575-001 worn by the backhoe operator, BADGE 1. After the air sample had been collected, the passive sampler and a blank sampler, BADGE 2, were sealed, labeled, and placed in an ice-chilled cooler for transportation to the analytical laboratory under strict chain-of-custody protocol.

4.3 Ground-Water Sampling

As approved by Ms. Susan Hugo of the ACHA, ground-water samples were not collected from the excavations because of the existence of the on-site ground-water monitoring wells.

5.0 LABORATORY TESTING AND RESULTS

5.1 Laboratory Testing

Laboratory analysis was conducted by American Environmental Network of Pleasant Hill, California, a state-certified analytical laboratory. The soil samples were tested for at least one of the following analytes: TPHg, TPHd, and TPHo; benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds); oil and grease and hydrocarbons; organic lead; cadmium, chromium, lead, nickel, and zinc; polychlorinated biphenyls (PCBs); creosote and polynuclear aromatics (PNAs); and halogenated volatile organics. Table 1 shows the analytical methods and results. Appendix C contains laboratory certificates and a QA/QC review of laboratory data.

The air samples were analyzed for benzene. Appendix C contains the laboratory certificates.

5.2 Soil Sample Analysis Results

Gasoline Tank Excavation (5 samples)

The samples from the gasoline UST excavation were analyzed for TPHg and BTEX; one of the samples from this area was analyzed for lead. Among the five samples from the gasoline UST excavation, the highest concentrations of petroleum

hydrocarbons were detected in samples G1-8 and G3-9.5, from the north sidewall of the gasoline UST excavation; TPHg was detected at concentrations of 640 ppm and 570 ppm, respectively. Benzene was detected at concentrations of up to 5.3 ppm (sample G3-9.5); and toluene, ethylbenzene, and total xylenes were detected at concentrations of up to 16 ppm (G3-9.5), 24 ppm (G1-8), and 91 ppm (G3-9.5), respectively.

Sample G2-10, also collected from the north sidewall of the gasoline UST excavation, showed slightly lower petroleum hydrocarbon concentrations (TPHg was detected at a concentration of 140 ppm). The concentration of benzene was 1.9 ppm, and the concentrations of toluene, ethylbenzene, and xylenes were 0.7 ppm, 4.2 ppm, and 5.2 ppm, respectively.

TPHg or BTEX compounds were detected in only one of the two samples (G4-10.5 and G5-8.5) from the south sidewall of the gasoline UST excavation. TPHg was detected in that sample, G4-10.5, at a concentration of 3.1 ppm; benzene was detected at 0.006 ppm; and ethylbenzene was detected at 0.018 ppm. Detection limits for TPHg and for BTEX compounds were elevated in sample G5-8.5 because of hydrocarbon interference, as shown in Table 1 and Figure 3.

No organic lead was detected in sample G3-9.5 (the detection limit was 0.5 ppm).

Diesel Tank Excavation (2 samples)

The samples from the diesel UST excavation were analyzed for TPHg, TPHd, and BTEX compounds. TPHd was detected at 1,300 ppm in sample D1-9, which had been collected from the west sidewall of the diesel UST excavation, and at 89 ppm in sample D2-9.5, which had been collected from the east sidewall of the diesel UST excavation. No BTEX compounds were detected.

Detection limits for TPHg and for BTEX compounds were elevated, as shown in Table 1, in samples D1-9 and D2-9.5 because of hydrocarbon interference.

Waste Oil Tank Excavation (1 sample)

TPHo was not detected in sample O1-7, which had been collected about one foot beneath the bottom of the waste oil UST (detection limit of 5 ppm.) TPHd was detected at a concentration of 29 ppm. Benzene was detected at 0.095 ppm; toluene was detected at 0.15 ppm; and ethylbenzene was detected at 0.23 ppm. Xylenes were not detected.

Hydrocarbons were detected at a concentration of 40 ppm, and oil and grease was detected at a concentration of 50 ppm.

No organic lead, PCBs, creosote, PNAs, or halogenated volatile organics were detected in sample O1-7.

Cadmium was not detected (the detection limit was 0.1 ppm); chromium was detected at 27 ppm; lead was detected at 2 ppm; nickel was detected at 26 ppm; and zinc was detected at 47 ppm.

The detection limit for xylenes was elevated in sample O1-7 because of concentrations of nontarget compounds.

5.3 Air Sample Analysis Results

Benzene in air was not detected (detection limit 0.2 ppm) in samples BADGE 1 (worn by the backhoe operator for 8 hours) or BADGE 2 (a blank sample).

Measurements recorded using the PID in the work area were below the action level of 25 ppm described in the site HSP, and were typically 0.0 ppm around the site perimeter, except for occasional instantaneous measurements of elevated volatile organic compound concentrations. These measurements were recorded at up to 120 ppm downwind of the work area, and up to 13 ppm at the perimeter.

6.0 SUMMARY

Six USTs and associated underground piping were removed from the Site and disposed of at a licensed hazardous waste facility under hazardous waste manifests. The USTs consisted of four gasoline USTs (with capacities of 2,000 gallons, 4,000 gallons, 6,000 gallons, and 6,500 gallons), one diesel UST (7,500-gallon capacity), and one waste oil UST (550-gallon capacity). A hole was observed in the 2,000-gallon gasoline UST and in the waste oil UST, and holes were observed in previously abandoned product piping associated with the 6,500-gallon gasoline UST. A total of approximately 250 to 300 cubic yards of petroleum-affected soil surrounding the tanks was excavated and stockpiled on site. The UST excavations were left open, and the entire Site, including stockpiled soils, was covered with plastic sheeting pending subsequent remedial activities.

In soil samples collected from the UST excavation sidewalls, TPHg was detected at concentrations of up to 640 ppm; TPHd was

detected at concentrations of up to 1,300 ppm; hydrocarbons were detected at 40 ppm; oil and grease was detected at 50 ppm; benzene was detected at concentrations of up to 5.3 ppm; toluene was detected at concentrations of up to 16 ppm; ethylbenzene was detected at concentrations of up to 24 ppm; and xylenes were detected at concentrations of up to 91 ppm.

REFERENCES

Levine•Fricke, Inc. 1993. Phase I Environmental Site Assessment, 40th Street Right-of-Way, Emeryville, California. June 16.

Levine•Fricke, Inc. 1994a. Phase II Investigation Results, Fuel Station Area, Proposed 40th Street Right-of-Way, Emeryville, California. January 17.

——. 1994b. Work Order for the Removal of Six Underground Storage Tanks and Associated Buried Piping, Alliance Fueling Station, Emeryville, California. March 22.

——. 1994c. Health and Safety Plan for Removal of Six Underground Storage Tanks and Associated Piping from Celis Alliance Fueling Station, 4000 San Pablo Avenue, Emeryville, California. April 21.

TABLE 1
ANALYTICAL RESULTS FOR SOIL SAMPLES COLLECTED DURING UST REMOVAL ACTIVITIES
CELIS ALLIANCE SERVICE STATION, EMERYVILLE, CALIFORNIA
(all results in parts per million [ppm])

Sample ID	Date Sampled	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPHd	TPHo	Other Tests
G1-8	18-May-94	640	4.6	4.5	24	21	NA	NA	
G2-10	18-May-94	140	1.9	0.7	4.2	5.2	NA	NA	
G3-9.5	18-May-94	570	5.3	16	18	91	NA	NA	(1)
G4-10.5	18-May-94	3.1	0.006	<0.005	0.018	<0.005	NA	NA	
G5-8.5	20-May-94	<200*	<2*	<0.8*	<4*	<0.8*	NA	NA	
D1-9	20-May-94	<60*	<0.2*	<0.1*	<0.05*	<0.05*	1,300	NA	
D2-9.5	20-May-94	<60*	<0.3*	<0.3*	<0.3*	<0.3*	89	NA	
O1-7	18-May-94	50	0.095	0.15	0.23	<0.05**	29	<5.0	(1, 2, 3, 4, 5, 6)

Data entered by DVN/24-Jun-94. Data proofed by JCR QA/QC by JCR

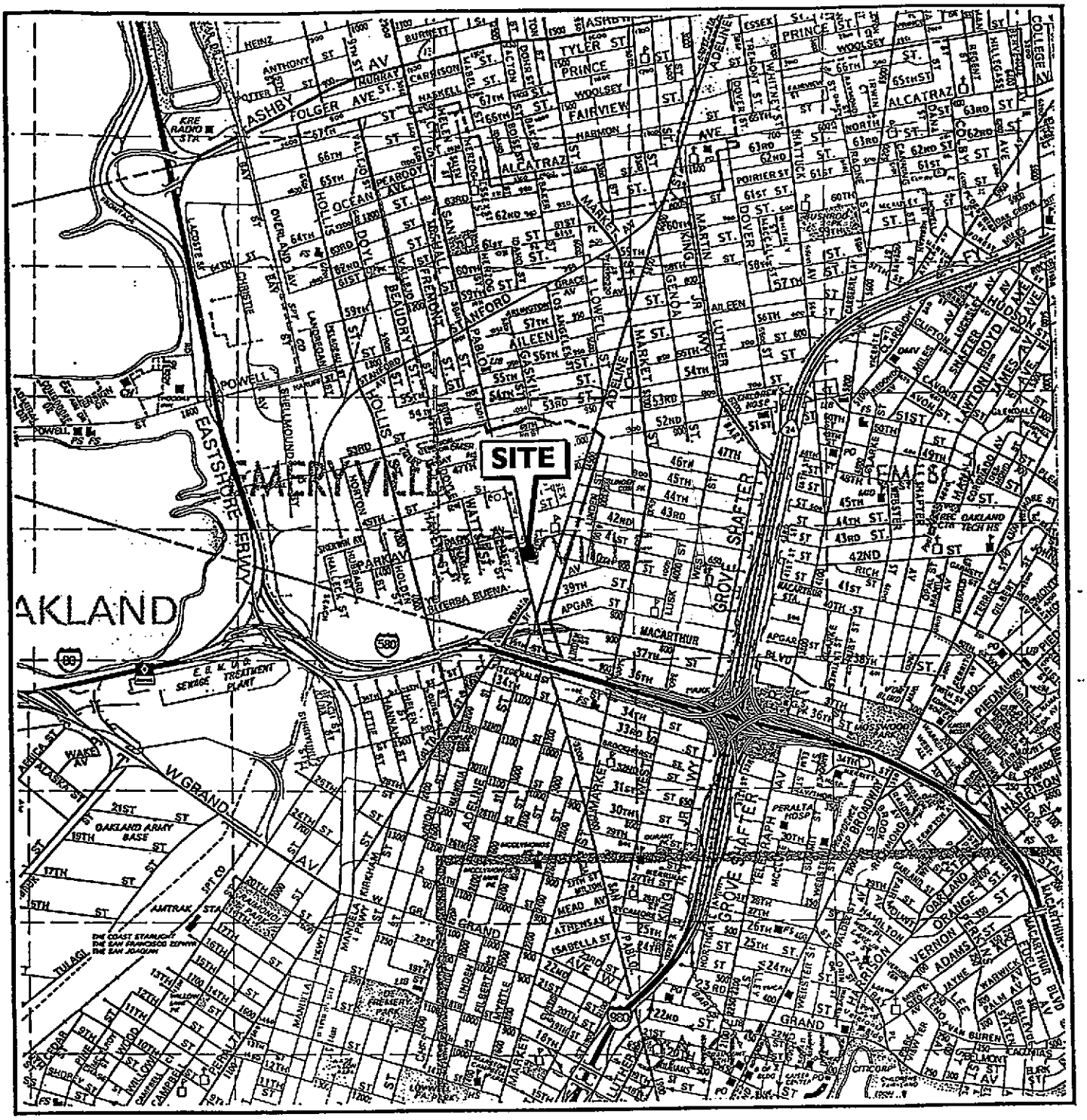
Sample G2-10 denotes the second soil sample collected from the gasoline UST excavation at ten feet below the ground surface.

Analyses performed by American Environmental Network of Pleasant Hill, California.

TPHg - total petroleum hydrocarbons as gasoline using EPA Method 5030/GCFID
TPHd - total petroleum hydrocarbons as diesel using EPA Method 3550/GCFID
TPHo - total petroleum hydrocarbons as oil using EPA Method 3550/GCFID.
BTEX - benzene, toluene, ethylbenzene and total xylenes using EPA Method 8020.
NA - not analyzed

* Raised reporting limit due to hydrocarbon interferences.
** Raised reporting limit due to high concentrations of non-target compounds.

(1) Sample analyzed for organic lead in soil using Department of Health Services, Leaking Underground Fuel Tank (DOHS-LUFT) Method. Result is non-detect (detection limit 0.5 ppm).
(2) Sample analyzed for cadmium, chromium, lead, nickel, and zinc, using EPA Method 6010 Series. Cadmium was not detected (detection limit 0.1 ppm), chromium was detected at 27 ppm, lead at 2 ppm, nickel at 26 ppm, and zinc at 47 ppm.
(3) Sample analyzed for hydrocarbons and oil and grease by infra-red using Standard Methods 5520F and 5520E, with results of 40 ppm hydrocarbons and 50 ppm oil and grease.
(4) Sample analyzed for PCBs using EPA Method 8080, with results of non-detect (detection limit 0.05 ppm).
(5) Sample analyzed for creosote and PNAs using EPA Method 8270, with results of non-detect (detection limit 5 ppm) for creosote and non-detect (detection limit 0.2 ppm) for PNAs.
(6) Sample analyzed for halogenated volatile organic compounds using EPA Method 8010, with results of non-detect (detection limit 0.005 ppm).



MAP SOURCE:
Thomas Bros. Map
Alameda and Contra Costa Counties
1992 Edition

Figure 1: SITE LOCATION MAP

Project No. 3158

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

JCS7APR94RYL

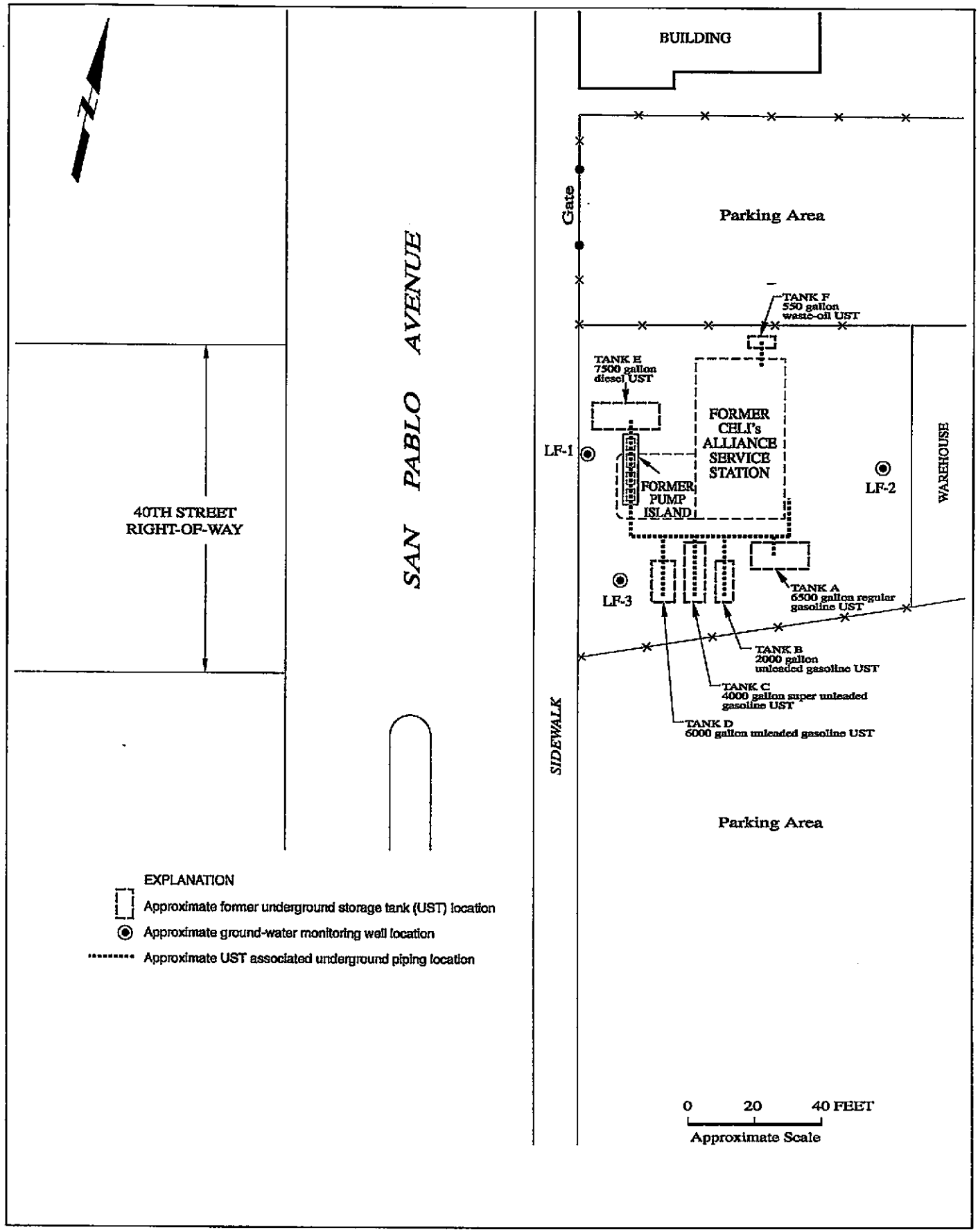


Figure 2 : SITE PLAN SHOWING FORMER UNDERGROUND STORAGE TANK LOCATIONS

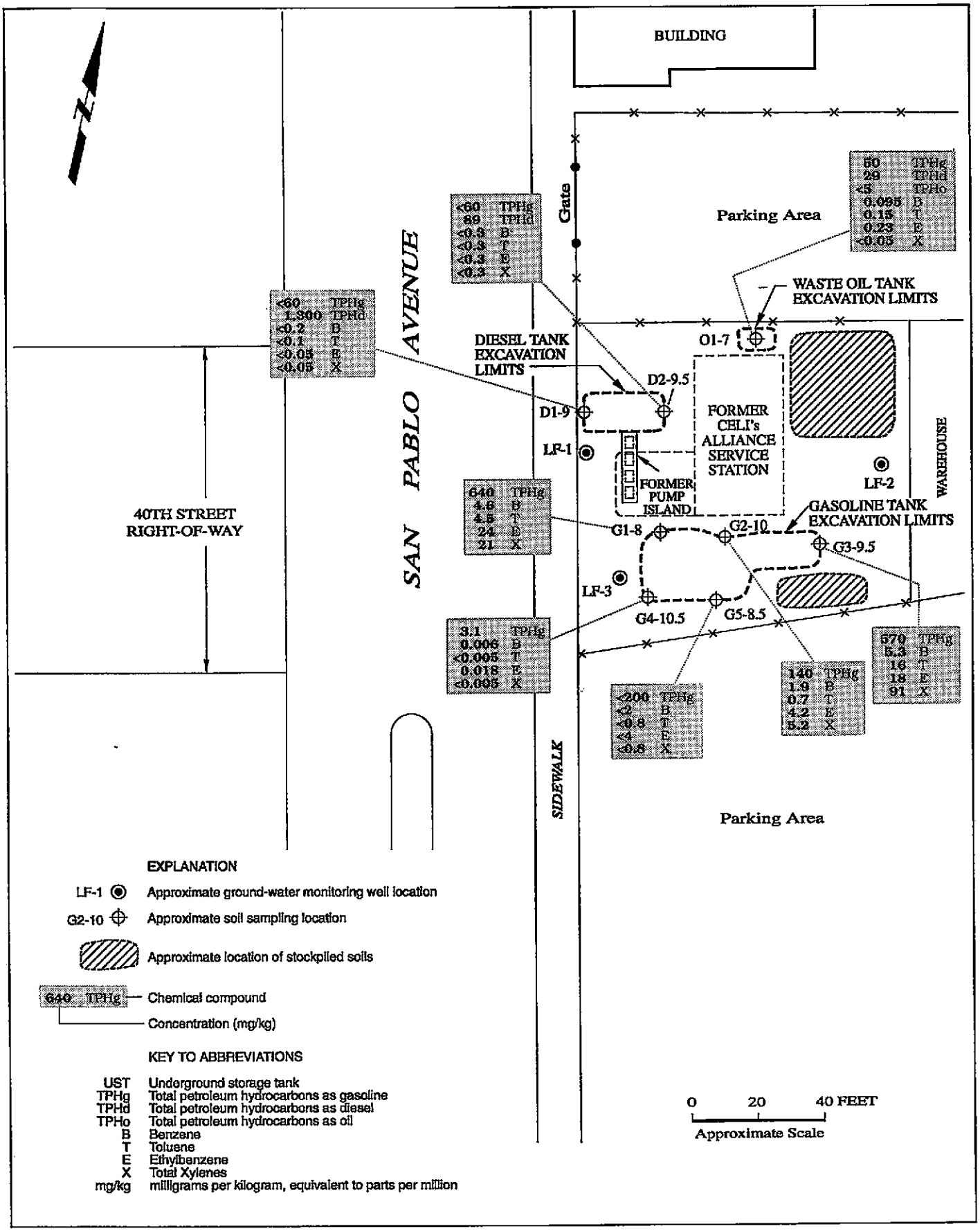


Figure 3 : SITE PLAN SHOWING UST EXCAVATIONS, SOIL SAMPLING LOCATIONS AND TPH AND BTEX CONCENTRATIONS

APPENDIX A

PERMITS AND NOTIFICATION FORMS

CITY OF EMERYVILLE
FIRE DEPARTMENT
6303 HOLLIS STREET
EMERYVILLE,CA.,94608
(510) 596-3750

APPLICATION AND PERMIT

THIS APPLICATION IS YOUR PERMIT WHEN PROPERLY FILLED OUT, SIGNED, VALIDATED AND FEES PAID.

ADDRESS: 1900 Powell St, Emeryville 94608

BUSINESS NAME : Levine. Fricke

CONTACT PERSON : Julie Sharp

TELEPHONE NUMBER : (510) 652-4500

DESCRIPTION OF OPERATION: Removal of 6 UG fuel tanks from 4000 San Pablo Ave.

APPLICANT READ AND SIGN BELOW:

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS TRUE AND CORRECT. I AGREE TO COMPLY WITH ALL LOCAL ORDINANCES AND STATE LAWS THAT RELATE TO THIS PERMIT. I HEREBY AUTHORIZE REPRESENTATIVES OF THE CITY TO ENTER UPON THE ABOVE MENTIONED PROPERTY TO VERIFY COMPLIANCE WITH THE CONDITIONS OF THIS PERMIT, AT ANY REASONABLE TIME. for Washington Corus

☒ Building Owner : Honeywell Property
☐ Business Operator :
Date of Application :

FIRE DEPARTMENT USE ONLY

(PERMIT NUMBER)

Application Received :

Date: Signed:

Permit Issued:

Date: Signed:

EFD Permit Type(s) : (see reverse)

Expiration Date : 6 mos. from issue date

TOTAL FEES DUE: $125.00/tank

MAKE CHECK PAYABLE TO THE CITY OF EMERYVILLE.

FEES ARE ESTABLISHED THRU THE CITY OF EMERYVILLE MASTER FEE SCHEDULE ADOPTED JUNE 1, 1993. COPY AVAILABLE ON REQUEST.

Occupancy Group/Division: (per UBC Table 5A)

OCCUPANCY TYPE:

Commercial	☐	Assembly	☐
Industrial	☐	Educational	☐
Residential	☐	H-class	☐

Other ☒ Specify: B-1 Serv. Station (closed)

THIS PERMIT MUST BE AVAILABLE FOR INSPECTION AT ALL TIMES

REVOCATION OF PERMIT

THE CHIEF IS AUTHORIZED TO SUSPEND/REVOKE A PERMIT WHEN THE CHIEF HAS DETERMINED THAT SECTION 4.107, 1991 UFC HAS BEEN VIOLATED.

POSTING OF PERMIT

PERMIT(S) SHALL BE KEPT ON THE PREMISES DESIGNATED AT ALL TIMES AND SHALL BE AVAILABLE FOR INSPECTION AT ANY TIME BY ANY PERSON(S) WHO ARE AUTHORIZED BY THE CHIEF OF THE EMERYVILLE FIRE DEPARTMENT.

DATE	INSPECTION NOTES/COMMENTS	INSPECTOR
4-11-94	Application del'd to Julie Sharpe, Levine Fricke	

White: Applicant Yellow: EFD Pink: Finance

SUSAN L. HUGO

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
STID 569 80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 510/271-4320

ACCEPTED
Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
80 Swan Way, Suite 200,
Oakland, CA 94621
Telephone: (510) 271-4320

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The final proposed backfill is now released for issuance of any required building permits for construction/destruction.

One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Any changes or additions in the proposed plans must be submitted to this Department and to the Fire and Building Inspection Department to determine if such changes meet the requirements of State and local laws.

Notify this Department at least 72 hours prior to the following required inspections:*

_____ Removal of Tank(s) and Piping
_____ Sampling
_____ Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

*THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS

Contact Specialist:

94 APR 22 PM 12:25
ALCO HAZMAT

Please refer changes on page 5
Susan L. Hugo 5/11/94

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

1. Business Name Celis Alliance Gas Station

   Business Owner Same as above

2. Site Address 4000 San Pablo Ave

   City Emeryville Zip 94608 Phone N/A

3. Mailing Address Constantino & Remedios Celis
   c/o City of Emeryville, 2200 Powell St. 12th Floor

   City Emeryville Zip 94608 Phone (510) 596-4356

4. Land Owner Constantino & Remedios Celis
   c/o City of Emeryville

   Address 2200 Powell St, 12th Floor City, State Emeryville, CA Zip 94608

5. Generator name under which tank will be manifested Celis

EPA I.D. No. under which tank will be manifested CAD053044053

6. Contractor Trumpp Bros. Inc.

Address 1540 Industrial Ave

City San Jose, CA Phone (408) 292-0820

License Type* A, H ID# 77-012 1947 and 646168

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant Levine Fricke Inc.

Address 1900 Powell St., 12th Floor

City Emeryville, CA Phone (510) 652-4500

8. Contact Person for Investigation

Name Julie Sharp Title Senior Project Engineer

Phone (510) 652-4500

9. Number of tanks being closed under this plan 6

Length of piping being removed under this plan approx. 100 feet estimated

Total number of tanks at facility 6

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground tanks are hazardous waste and must be handled ** as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter

Name Evergreen Environmental Services EPA I.D. No. CAD 980695761

Hauler License No. 0242 License Exp. Date 7/31/94

Address 6880 Smith Ave

City Newark State CA Zip 94560

b) Product/Residual Sludge/Rinsate Disposal Site

Name Evergreen Environmental Services EPA I.D. No. CAD 980887418

Address 6880 Smith Ave.

City Newark State CA Zip 94560

c) Tank and Piping Transporter

Name Erickson, Inc. EPA I.D. No. CAD009466392

Hauler License No. 0019 License Exp. Date 5/31/94

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

Name Erickson, Inc. EPA I.D. No. CAD009466392

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

11. Experienced Sample Collector

Name Julie Sharp

Company Levine-Fricke Inc.

Address 1900 Powell St., 12th Floor

City Emeryville State CA Zip 94608 Phone (510) 652-4500

12. Laboratory

Name American Environmental Network (AEN)

Address 3440 Vincent Road

City Pleasant Hill State CA Zip 94523

State Certification No. 1172

13. Have tanks or pipes leaked in the past? Yes [ ] No [ ] Unknown (X)

If yes, describe.

14. Describe methods to be used for rendering tank inert

Residual liquids in tanks will be pumped out prior to excavation and dry ice will be added to purge aromatic hydrocarbons. A gas meter will be maintained on site throughout the excavation to ensure that tanks are inert.

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.) *	Location and Depth of Samples
Capacity	Use History (see instructions)		
7500 gal	Tank was used to store diesel fuel	Soil	No deeper than 2 feet beneath both ends of tank
6000 gal	Tank used to store regular gasoline	Soil	
4000 gal	Tank used to store unleaded gasoline	Soil	
2000 gal	"	Soil	
3500 gal	Tank used to store super unleaded gasoline	Soil	
550 gal	Tank used to store waste oil	Soil	No deeper than 2 feet beneath tank

* or ground-water, if encountered

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Tank installation dates unknown.

Date when tanks last used — approximately 4/15/94

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated) 50 cubic yards	Sampling Plan 4 discrete samples from the stockpile to be composited by the laboratory into 1 sample for analysis.

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
TPH Diesel/oil	EPA 3550 soil 3510 water	GCFID, Mod EPA 8015	1 mg/kg soil diesel 5 mg/kg soil oil 0.05 mg/L water
TOG		5520 D&F	
TPH Gasoline	EPA 5030 soil	GCFID, Mod EPA 8015	0.2 mg/kg soil 0.05 mg/L water
CLHC		8010 & 8240	
BTEX		GCPID, EPA 8020	5 µg/kg soil 0.5 µg/L water BTE X
Metals Cr, Cd, Ni, Pb Zn	AA or ICAP		2 mg/L water
Organic Lead		DOHS-LUFT	0.5 mg/kg soil
PCB's			
PNAs			
Creosote			

17. Submit Site Health and Safety Plan (See Instructions)

18. Submit Worker's Compensation Certificate copy

Name of Insurer Fremont Indemnity Co.

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) Gary Trumpp

Signature

Date 4-28-94

Signature of Site Owner or Operator

Name (please type) Ignacio Dayrit , for Constantino Celis

Signature

Date 4-28-94

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☒ 7 PERMANENTLY CLOSED SITE ☐ 6 TEMPORARY SITE CLOSURE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME	NAME OF OPERATOR	
Celis / Alliance	Constantine Celis	
ADDRESS	NEAREST CROSS STREET	PARCEL # (OPTIONAL)
4000 San Pablo Ave	41st Street	
CITY NAME	STATE / ZIP CODE	SITE PHONE # WITH AREA CODE
Emeryville	CA 94608	N/A

✓ BOX TO INDICATE: ☐ CORPORATION ☒ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY DISTRICTS ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY

TYPE OF BUSINESS: ☒ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☐ 5 OTHER

☐ ✓ IF INDIAN RESERVATION OR TRUST LANDS | # OF TANKS AT SITE: 6 | E. P. A. I. D. # (optional): CAD053044053

EMERGENCY CONTACT PERSON (PRIMARY)	EMERGENCY CONTACT PERSON (SECONDARY) - optional
DAYS: NAME (LAST, FIRST): Dayrit, Ignacio — PHONE # WITH AREA CODE: (510) 596-4356	DAYS: NAME (LAST, FIRST): — PHONE # WITH AREA CODE:
NIGHTS: NAME (LAST, FIRST): Same — PHONE # WITH AREA CODE:	NIGHTS: NAME (LAST, FIRST): — PHONE # WITH AREA CODE:

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME	CARE OF ADDRESS INFORMATION		
Constantine Celis c/o City of Emeryville	c/o Ignacio Dayrit		
MAILING OR STREET ADDRESS	✓ box to indicate: ☒ INDIVIDUAL ☒ LOCAL-AGENCY ☐ STATE-AGENCY		
2200 Powell St., 12th Floor	☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY-AGENCY ☐ FEDERAL-AGENCY		
CITY NAME	STATE / ZIP CODE	PHONE # WITH AREA CODE	
Emeryville	CA 94608	(510) 596-4356	

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER	CARE OF ADDRESS INFORMATION		
Constantine Celis	c/o Ignacio Dayrit, City of Emeryville		
MAILING OR STREET ADDRESS	✓ box to indicate: ☒ INDIVIDUAL ☒ LOCAL-AGENCY ☐ STATE-AGENCY		
2200 Powell St., 12th Floor	☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY-AGENCY ☐ FEDERAL-AGENCY		
CITY NAME	STATE / ZIP CODE	PHONE # WITH AREA CODE	
Emeryville	CA 94608	(510) 596-4356	

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

TY (TK) HQ 44-000455

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: ☒ 1 SELF-INSURED ☐ 2 GUARANTEE ☐ 3 INSURANCE ☐ 4 SURETY BOND ☐ 5 LETTER OF CREDIT ☐ 6 EXEMPTION ☐ 99 OTHER

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. ☐ II. ☒ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	APPLICANT'S TITLE	DATE MONTH/DAY/YEAR
IGNACIO DAYRIT	PROJECT COORDINATOR	4/28/94

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #

LOCATION CODE - *OPTIONAL*	CENSUS TRACT # - *OPTIONAL*	SUPVISOR - DISTRICT CODE - *OPTIONAL*

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # Unknown
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR) approximately 1964-65
D. TANK CAPACITY IN GALLONS: 7,500

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 2 LEADED ☒ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☒ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL — SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER unknown
B. CONSTRUCTION: A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A (U) 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A (U) 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION: ☐ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 INTERSTITIAL MONITORING ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☒ 2 INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☒ 6 TANK TESTING ☐ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR): 4/15/94
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: < 50 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE): IGNACIO DAYRIT — DATE: 4/28/94

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# — COUNTY # ☐☐ JURISDICTION # ☐☐☐ FACILITY # ☐☐☐☐☐☐ TANK # ☐☐☐☐☐☐

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR00348-A5

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # unknown	B. MANUFACTURED BY: unknown
C. DATE INSTALLED (MO/DAY/YEAR) approximately 1975	D. TANK CAPACITY IN GALLONS: 6,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☒ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☒ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER unknown

B. CONSTRUCTION: A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A (U) 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A (U) 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION ☐ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 INTERSTITIAL MONITORING ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☒ 2 INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☒ 6 TANK TESTING ☐ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL ?
4/15/94	< 50 GALLONS	YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
IGNACIO DAVILA	4/28/94

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034B-R5

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # unKnown	B. MANUFACTURED BY: unknown
C. DATE INSTALLED (MO/DAY/YEAR) approximately 1965	D. TANK CAPACITY IN GALLONS: 4,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☒ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☒ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER unknown

B. CONSTRUCTION: A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A (U) 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A (U) 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION ☐ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 INTERSTITIAL MONITORING ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☒ 2 INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☒ 6 TANK TESTING ☐ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL ?
4/15/94	< 50 GALLONS	YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
IGNACIO DAMRIT	4/28/94

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# COUNTY # JURISDICTION # FACILITY # TANK #

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034B-RS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. #: Unknown
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR): approximately 1965
D. TANK CAPACITY IN GALLONS: 3,500

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☒ 1b PREMIUM UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☒ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER Unknown

B. CONSTRUCTION: A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A (U) 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A (U) 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION: ☐ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 INTERSTITIAL MONITORING ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☒ 2 INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☒ 6 TANK TESTING ☐ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR): 4/15/94
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: <50 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL ? YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE): IGNACIO DAYRIT
DATE: 9/28/94

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# — COUNTY # | JURISDICTION # | FACILITY # | TANK #

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034B-RS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. #: Unknown
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR): approximately 1965
D. TANK CAPACITY IN GALLONS: 2,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☒ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C. A. S. #:

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☒ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER unknown
B. CONSTRUCTION: A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A (U) 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A (U) 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION: ☐ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 INTERSTITIAL MONITORING ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☒ 2 INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☒ 6 TANK TESTING ☐ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR): 4/15/94
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: <50 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL ? YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE): IGNACIO DAYRIT — DATE: 4/25/94

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# — COUNTY # (2) JURISDICTION # (3) FACILITY # (6) TANK # (7)

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034 B-R5

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # unKnown	B. MANUFACTURED BY: unKnown
C. DATE INSTALLED (MO/DAY/YEAR) approximately 1965	D. TANK CAPACITY IN GALLONS: 550

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☒ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☐ 1 PRODUCT ☒ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED waste oil C. A. S. #: unKnown

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☒ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER unKnown

B. CONSTRUCTION: A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A (U) 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A (U) 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION: ☐ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 INTERSTITIAL MONITORING ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☒ 6 TANK TESTING ☐ 7 INTERSTITIAL MONITORING ☐ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL?
4/15/94	< 50 GALLONS	YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
IGNACIO DAVILA	4/25/94

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR00348-R5

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

REGULATION 8, RULE 40
Aeration of Contaminated Soil and
Removal of Underground Storage Tanks

NOTIFICATION FORM

✓ Removal or Replacement of Tanks
___ Excavation of Contaminated Soil

SITE INFORMATION

SITE ADDRESS 4000 San Pablo Ave
CITY, STATE Emeryville, CA ZIP 94608
OWNER NAME City of Emeryville
SPECIFIC LOCATION OF PROJECT former service station - north, west & south sides of former building

TANK REMOVAL

SCHEDULED STARTUP DATE 5/9/94

VAPORS REMOVED BY:

[ ] WATER WASH
[X] VAPOR FREEING (CO^2)
[ ] VENTILATION

CONTAMINATED SOIL EXCAVATION

SCHEDULED STARTUP DATE ____

STOCKPILES WILL BE COVERED? YES ____ NO ____

ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):

____
(MAY REQUIRE PERMIT)

CONTRACTOR INFORMATION

NAME Trumpp Bros., Inc. CONTACT Gary Trumpp
ADDRESS 1540 Industrial Ave PHONE (408) 292-0820
CITY, STATE, ZIP San Jose, CA 95112

CONSULTANT INFORMATION
(IF APPLICABLE)

NAME Levine-Fricke CONTACT Julie Shapp
ADDRESS 1900 Powell St., 12th Floor PHONE (510) 652-4500
CITY, STATE, ZIP Emeryville, CA 94608

FOR OFFICE USE ONLY

DATE RECEIVED FAX ____ BY ____ (init.)
DATE POSTMARKED ____ BY ____ (init.)
CC: INSPECTOR NO. ____ DATE ____ BY ____ (init.)
UPDATE: CONTACT NAME ____ DATE ____ BY ____ (init.)
BAAQMD N # ____ DATA ENTRY ____

• See reverse for instructions

APPENDIX B

UNIFORM HAZARDOUS WASTE MANIFEST FORMS, CERTIFICATES OF DISPOSAL, AND RELATED CORRESPONDENCE

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD053044053 — Manifest Document No. 25202
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Constantino Celis
C/o City of Emeryville
2200 Powell St., 12th Floor, Emeryville, CA 94608
4. Generator's Phone (510 596-4356

A. State Manifest Document Number: 93125202
B. State Generator's ID:
C. State Transporter's ID: 402564
D. Transporter's Phone: (510) 795-4400
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID: CAD988088741 8
H. Facility's Phone: (510) 795-4400

5. Transporter 1 Company Name: EVERGREEN ENVIRONMENTAL SERVICES
6. US EPA ID Number: CAD980695761
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: EVERGREEN OIL, INC.
6650 Smith Avenue
Newark, CA 94560
10. US EPA ID Number: CAD980887418

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	Waste Number
a. Oil, Water & Sludge NON-RCRA HAZARDOUS WASTE, LIQUID	001	TT	1180	G	State 221 EPA/Other NONE
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
IN EMERGENCY
CALL CHEMTREC
1-800-424-9300
DOT ERG 31 WEAR PROTECTIVE EQUIPMENT

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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.

GENERATOR — Printed/Typed Name: IGNACIO DAYRIT — Signature — Month 05 Day 17 Year 94

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Darnell Burton — Signature — Month 05 Day 17 Year 94
18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY
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.

DTSC 8022A (7/92)
EPA 8700—22

Yellow: GENERATOR RETAINS

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD053014405 | Manifest Document No. 8913614 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
Constanio Celis
c/o City of Emeryville
2200 Powell St., 12th Floor, Emeryville, CA 94608

4. Generator's Phone (510) 596-4356

A. State Manifest Document Number 93239364

5. Transporter 1 Company Name: Erickson Inc | 6. US EPA ID Number: CAD009466392 | C. State Transporter's ID: 430334 | D. Transporter's Phone: (510) 235-1392

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
Erickson, Inc.
255 Parr Blvd.
Richmond, CA. 94801

10. US EPA ID Number: CAD009466392 | G. State Facility's ID: CAD009466392 | H. Facility's Phone: (510) 235-1392

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA Hazardous Waste Solid Waste Emrty Storage Tank.	001	TP	07000	P	State 512 EPA/Other NONE
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above: a. 01 | b.

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.G.S.T.'s 24 Hr. Contact Name Ignacio Oyarzo & Phone (510) 596-4356

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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: KOFI BONNER | Signature | Month 05 Day 21 Y 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: David Bunce | Signature | Month 05 Day 21 Y 19

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Y

FACILITY

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: DAVID SATO | Signature | Month 05 Day 21 Y 19

DO NOT WRITE BELOW THIS LINE.

GENERATOR

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

93239364

DTSC 8022A (7/92)
EPA 8700-22

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

Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD053044053 — Manifest Document No. 95239347 — 2. Page 1 of 1

Information in the shaded area is not required by Federal law.

3. Generator's Name and Mailing Address
Constantino Celis
c/o City of Emeryville
2200 Powell St, 12th Floor, Emeryville, CA 94608

4. Generator's Phone (510) 596-4356

5. Transporter 1 Company Name — 6. US EPA ID Number
Trident Truck Line Inc — CAD982484300

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address — 10. US EPA ID Number
Erickson, Inc.
255 Parr Blvd.
Richmond, Ca. 94801 — CAD009466392

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-RCRA Hazardous Waste Solid. Waste Empty Storage Tank.	003	TP	09000	P
b.				
c.				
d.				

GENERATOR

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.G.S.T.'s 24 Hr. Contact Name Ignacio Dayrit & Phone (510) 596-4356

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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: IGNACIO DAYRIT — Signature — Month 10 Day 18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Johnnie Myers — Signature — Month 10 Day 18

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

FACILITY

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: DAVID ATU — Signature — Month — Day

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DTSC 8022A (7/92)
EPA 8700-22

Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAD053044053	31951 8		

3. Generator's Name and Mailing Address
Constantino Celis
c/o City of Emeryville
2200 Powell St., Emeryville, CA 94608

4. Generator's Phone (510) 596-4356

5. Transporter 1 Company Name: ERICKSON INC.
6. US EPA ID Number: CAD009716139

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
Erickson, Inc.
255 Parr Blvd.
Richmond, Ca. 94801
10. US EPA ID Number: CAD009466392

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-RCRA Hazardous Waste Solid. Waste Empty Storage Tank.	1	TP	16000	P
b.				
c.				
d.				

15. Special Handling Instructions and Additional Information

Keep away from sources of ignition. Always wear hardhats when working around U.G.S.T.'s 24 Hr. Contact Name Ignacio Dayrit & Phone (510) 596-4356

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of the 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 federal, state and international laws.

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.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
IGNACIO DAYRIT		05	15	94

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
ROBERT CANEPA	Robert Canepa	05	15	94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

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
DAVID GATE				

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (7/92)
EPA 8700--22

Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD053014525 Manifest Document No. 31915 515
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
C/o City of Emeryville Constantine Kutic
2200 Powell St. 12th Fl. Emeryville, CA 94608
4. Generator's Phone (5) 596-4756

5. Transporter 1 Company Name: Erickson, Inc.
6. US EPA ID Number: CAD009466392
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
Gibson Oil/Pilot Petroleum
475 Sea Port Blvd.
Redwood City, Ca. 94063
10. US EPA ID Number: CAD043260702

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ Hazardous Waste Liquids NOS (Benzene) 9 NA 3082, PG III D018 ERG # 31	01	TT	00440	G
b.				
c.				
d.				

GENERATOR

15. Special Handling Instructions and Additional Information
Gibson Oil Waste Stream Profile # ~~[illegible]~~ 11038 ERG 31 P.O. 141567
24 Hr. Contact [illegible] 24 Hr. Phone# [illegible]
30 7

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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
IGNACIO DAMIRT	[signature]	05	18	94

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
R. Lat N.	R. Lat N.	05	18	94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

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
SHAWN B. RAGLIN	Shawn B. Ragl	05	18	94

DO NOT WRITE BELOW THIS LINE.

RECEIVED MAY 20 1994

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DTSC 8022A (7/92)
EPA 8700—22

Green: HAULER RETAINS

TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 21463

CUSTOMER TRUMP BROS.
JOB NO. 85029

FOR: ERICKSON, INC. TANK NO. 13675

LOCATION: RICHMOND DATE: 05/23/94 TIME: 08:48:29

TEST METHOD VISUAL, GASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 5000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted; or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE TITLE INSPECTOR

CP599

DAY OR NIGHT TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 21502

CUSTOMER TRUMP BROS.
JOB NO. 85029

FOR: ERICKSON, INC. TANK NO. 13676

LOCATION: RICHMOND DATE: 05/26/94 TIME: 09:47:49

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UO

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 750 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE _____ TITLE _____ INSPECTOR _____

CP599

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 21514

CUSTOMER TRUMP BROS.

JOB NO. 85029

FOR: ERICKSON, INC. TANK NO. 13677

LOCATION: RICHMOND DATE: 05/31/94 TIME: 10:20:34

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 4000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE Valerie TITLE INSPECTOR

CP59

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 21548

CUSTOMER TRUMP BROS.

JOB NO. 85029

FOR: ERICKSON, INC. TANK NO. 13678

LOCATION: RICHMOND DATE: 05/19/94 TIME: 09:39:24

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 2000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE Valeta TITLE INSPECTOR DS

CP59

TELEPHONE
(510) 235-1393

CERTIFICATE NO. 21484

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

CUSTOMER TRUMP BROS.
JOB NO. 85029

FOR: ERICKSON, INC. TANK NO. 13679

LOCATION: RICHMOND DATE: 05/23/94 TIME: 08:48:29

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 3000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE TITLE INSPECTOR

CP599

TELEPHONE
(510) 235-1393

CERTIFICATE NO. 21515

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

CUSTOMER TRUMP BROS.
JOB NO. 85029

FOR: ERICKSON, INC. TANK NO. 13680

LOCATION: RICHMOND DATE: 05/31/94 TIME: 10:20:34

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT D

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 7000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE K. Letts TITLE INSPECTOR

CP59

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

June 21, 1994 LF 3158.00-000

Department of Toxic Substances Control
Manifest Unit
400 P Street, 4th Floor
Sacramento, California 95812

Subject: Corrected Generator's US EPA Manifest ID Number

To whom it may concern:

On behalf of Mr. Constantino Celis, I am sending you this letter regarding five manifests which were previously mailed to you with an incorrect Generator's US EPA Manifest ID Number on them. The State Manifest Document numbers were: **93125202, 93239364, 93239547, 93239548,** and **93239555.** These manifests were sent with the incorrect Generator's US EPA Manifest ID Number of CAD053044053.

The correct Generator's US EPA Manifest ID Number is **CAL000057725.**

Please call me (510) 652-4500 or Mr. Ignacio Dayrit of the City of Emeryville Redevelopment Agency (510) 596-4356 if you have any questions.

Sincerely,

Julie Sharp
Senior Project Engineer

cc: Erickson, Inc.
Evergreen Oil, Inc.
Gibson Oil/Pilot Petroleum

1900 Powell Street, 12th Floor
Emeryville, California 94608
(510) 652-4500
Fax (510) 652-2246

Other offices in Irvine, CA; Sacramento/Roseville, CA; Tallahassee, FL; Honolulu, HI

APPENDIX C

QUALITY ASSURANCE/QUALITY CONTROL REVIEW OF LABORATORY DATA; LABORATORY CERTIFICATES

QUALITY ASSURANCE/QUALITY CONTROL REVIEW OF LABORATORY DATA

Levine•Fricke conducted a quality assurance/quality control (QA/QC) review of the laboratory data reported for soil samples. (No QA/QC review was conducted for the air samples collected during this investigation; the laboratory report for the air samples did not contain a quality control report.) The QA/QC review included review of the laboratory control data, including method blank, matrix spike, and surrogate recovery data. Data on soil samples were generated from samples collected from UST excavations.

Definitions

Method blanks. Method blanks are samples prepared in the laboratory using the same techniques, glassware, and solvents or reagents as the soil and water/product samples being analyzed, and typically consist of laboratory deionized/distilled water. The analytical results for the method blanks are used by the data QA/QC reviewer to determine whether samples submitted for analysis may have been subject to contamination from the laboratory.

Matrix spikes. Matrix spikes are samples prepared by adding known amounts of one or more target compounds to a portion of a submitted sample. The spiked samples are carried through the same extraction/cleanup as the other samples, and a recovery is calculated on the basis of the known amount of the target compound(s) added and the amount of target compound(s) found in the unspiked sample. The recovery and the relative percent difference (RPD) between duplicate-prepared spikes is reviewed. RPD is defined as the difference between two values divided by the mean of the two values, expressed as a percentage. The results of the matrix spikes and matrix spike duplicates are used by the data QA/QC reviewer to evaluate matrix effects (sample sorption of compounds, etc.) that may affect the sample results, as well as laboratory precision (in the duplicate preparation).

Method spikes. Method spikes are samples prepared by adding known amounts of one or more target compounds to laboratory deionized/distilled water. The spiked samples are carried through the same extraction/cleanup as the other samples, and a recovery is calculated on the basis of the known amount of the target compound(s) added and the amount detected. The recovery and the RPD between duplicate-prepared spikes are reviewed. The results for the method spikes are used by the

data QA/QC reviewer to evaluate method effects that may affect the sample results.

Surrogates. Surrogates are compounds that are similar in structure and composition to compounds for which analysis is performed, but that are not generally found in the environment. Surrogates typically are added to all samples that are analyzed for organic compounds, but they are not used for inorganic or non-compound-specific methods. The percent recovery is calculated from the known amount of surrogate added and the amount found in the analysis. Surrogates are used by the data QA/QC reviewer to evaluate analytical instrumentation conditions, as well as potential matrix effects of samples.

For this investigation, the laboratory's QA/QC program included the preparation and analysis of method blanks and matrix spikes. Additionally, surrogate spikes were analyzed using methods that specified the use of the surrogates.

Sample Identification

American Environmental Network gave the sample sets the following log numbers: 9405237, 9405238, and 9405269. Laboratory certificates showing analytical results for each sample set are at the end of this appendix.

Analytical Methods

Table 1 shows the analytical methods and results.

None of the method blanks analyzed with each of the samples submitted was found to contain any of the target compounds above analytical detection limits.

For the EPA Method 5030/GCFID analyses for TPHg and the EPA Method 8020 analyses for BTEX, the surrogate percent recovery ranged from 99 percent to 109 percent, the matrix spike recovery ranged from 91 percent to 112 percent, and the RPD was less than 14 percent. For the 3550/GCFID analyses for TPHd and TPHo, the matrix spike recoveries were 71 percent and 84 percent, with an RPD value of less than 1 percent.

For the Standard Method 5520E and 5520F analyses, the matrix spike recovery was 87 percent and the RPD value was 7 percent. For the DOHS-LUFT analysis and the EPA Method 6010 analyses, the matrix spike recovery range was 88 percent to 100 percent, with RPD values of up to 5 percent. For the EPA Method 8080 analysis, the surrogate recovery was 103 percent, the matrix

spike recovery was 108 percent, and the RPD was less than 1 percent. For the EPA Method 8270 analyses, the surrogate recovery range was 75 percent to 114 percent, the matrix spike recoveries were between 47 percent and 95 percent, and RPD values were less than 22 percent. For the EPA Method 8010 analysis, the surrogate recovery range was 91 percent to 104 percent, the matrix spike recoveries were between 71 percent and 93 percent, and RPD values were less than 4 percent.

All samples were extracted/analyzed within recommended holding times. Sample analytical detection limits were sometimes elevated for some of the samples submitted for TPHg and BTEX analysis because of high concentrations of nontarget compounds and because of hydrocarbon interference. These elevated detection limits are presented in Table 1 and Figure 3, and do not affect the results.

Conclusions

Overall, review of the QA/QC data indicates that no flagging or special qualifiers need to be applied to the data.

LABORATORY CERTIFICATES

American Environmental Network

Certificate of Analysis

DOHS Certification: 1172 AIHA Accreditation: 11134

LEVINE-FRICKE
1900 POWELL ST. 12TH FL.
EMERYVILLE, CA 94608

ATTN: JULIE SHARP
CLIENT PROJ. ID: 3158

C.O.C. NUMBER: 9633

REPORT DATE: 06/06/94

DATE(S) SAMPLED: 05/18/94

DATE RECEIVED: 05/18/94

AEN WORK ORDER: 9405237

PROJECT SUMMARY:

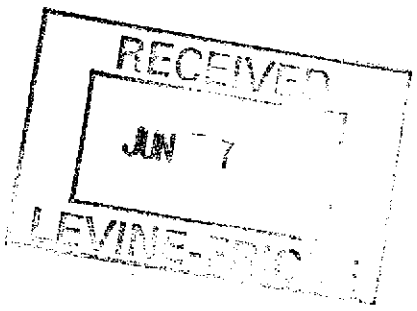
On May 18, 1994, this laboratory received 5 soil sample(s).

Client requested samples be analyzed for inorganic and organic parameters. Sample identification, methodologies, results and dates analyzed are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

If you have any questions, please contact Client Services at (510) 930-9090.

Larry Klein
General Manager



LEVINE-FRICKE

SAMPLE ID: G1-8
AEN LAB NO: 9405237-01
AEN WORK ORDER: 9405237
CLIENT PROJ. ID: 3158

DATE SAMPLED: 05/18/9
DATE RECEIVED: 05/18/9
REPORT DATE: 06/06/9

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	4,600 *	5	ug/kg	05/27/9
Toluene	108-88-3	4,500 *	5	ug/kg	05/27/9
Ethylbenzene	100-41-4	24,000 *	5	ug/kg	05/27/9
Xylenes, Total	1330-20-7	21,000 *	5	ug/kg	05/27/9
Purgeable HCs as Gasoline	5030/GCFID	640 *	0.2	mg/kg	05/27/9

ND = Not detected at or above the reporting limit
* = Value above reporting limit

LEVINE-FRICKE

SAMPLE ID: G2-10
AEN LAB NO: 9405237-02
AEN WORK ORDER: 9405237
CLIENT PROJ. ID: 3158

DATE SAMPLED: 05/18/94
DATE RECEIVED: 05/18/94
REPORT DATE: 06/06/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	1,900 *	5	ug/kg	05/26/94
Toluene	108-88-3	700 *	5	ug/kg	05/26/94
Ethylbenzene	100-41-4	4,200 *	5	ug/kg	05/26/94
Xylenes, Total	1330-20-7	5,200 *	5	ug/kg	05/26/94
Purgeable HCs as Gasoline	5030/GCFID	140 *	0.2	mg/kg	05/26/94

ND = Not detected at or above the reporting limit
* = Value above reporting limit

LEVINE-FRICKE

SAMPLE ID: G3-9.5
AEN LAB NO: 9405237-03
AEN WORK ORDER: 9405237
CLIENT PROJ. ID: 3158

DATE SAMPLED: 05/18/94
DATE RECEIVED: 05/18/94
REPORT DATE: 06/06/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	**EPA 8020**				
Benzene	71-43-2	5,300 *	5	ug/kg	05/27/94
Toluene	108-88-3	16,000 *	5	ug/kg	05/27/94
Ethylbenzene	100-41-4	18,000 *	5	ug/kg	05/27/94
Xylenes, Total	1330-20-7	91,000 *	5	ug/kg	05/27/94
Purgeable HCs as Gasoline	5030/GCFID	570 *	0.2	mg/kg	05/27/94
Organo Lead in Soil	**DOHS-LUFT**	ND	0.5	mg/kg	05/27/94

ND = Not detected at or above the reporting limit
* = Value above reporting limit

LEVINE-FRICKE

SAMPLE ID: G4-10.5
AEN LAB NO: 9405237-04
AEN WORK ORDER: 9405237
CLIENT PROJ. ID: 3158

DATE SAMPLED: 05/18/94
DATE RECEIVED: 05/18/94
REPORT DATE: 06/06/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	6 *	5	ug/kg	05/26/94
Toluene	108-88-3	ND	5	ug/kg	05/26/94
Ethylbenzene	100-41-4	18 *	5	ug/kg	05/26/94
Xylenes, Total	1330-20-7	ND	5	ug/kg	05/26/94
Purgeable HCs as Gasoline	5030/GCFID	3.1 *	0.2	mg/kg	05/26/94

ND = Not detected at or above the reporting limit
* = Value above reporting limit

LEVINE-FRICKE

SAMPLE ID: 01-7
AEN LAB NO: 9405237-05
AEN WORK ORDER: 9405237
CLIENT PROJ. ID: 3158

DATE SAMPLED: 05/13/94
DATE RECEIVED: 05/13/94
REPORT DATE: 06/06/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	95 *	5	ug/kg	05/27/94
Toluene	108-88-3	150 *	5	ug/kg	05/27/94
Ethylbenzene	100-41-4	230 *	5	ug/kg	05/27/94
Xylenes, Total	1330-20-7	ND	50	ug/kg	05/27/94
Purgeable HCs as Gasoline	5030/GCFID	50 *	0.2	mg/kg	05/27/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	05/19/94
TPH as Diesel	GC-FID	29 *	1	mg/kg	05/20/94
TPH as Oil	GC-FID	ND	5	mg/kg	05/20/94
Organo Lead in Soil	DOHS-LUFT	ND	0.5	mg/kg	05/27/94
#Digestion, Metals AA/ICP	EPA 3050	-		Prep Date	05/24/94
Cadmium	EPA 6010	ND	0.1	mg/kg	05/26/94
Chromium	EPA 6010	27 *	1	mg/kg	05/26/94
Lead	EPA 6010	2 *	1	mg/kg	05/26/94
Nickel	EPA 6010	26 *	1	mg/kg	05/26/94
Zinc	EPA 6010	47 *	1	mg/kg	05/26/94
#Soil Extrn for O&G/HCs	SM 5520EF	-		Extrn Date	05/21/94
Hydrocarbons by IR	SM 5520F	40 *	10	mg/kg	05/24/94
Oil and Grease by IR	SM 5520E	50 *	10	mg/kg	05/24/94
#Extraction for Pest/PCBs	EPA 3550	-		Extrn Date	05/19/94
Polychlorinated Biphenyls	EPA 8080				
Aroclor 1016	12674-11-2	ND	0.05	mg/kg	05/25/94
Aroclor 1221	11104-28-2	ND	0.05	mg/kg	05/25/94
Aroclor 1232	11141-16-5	ND	0.05	mg/kg	05/25/94
Aroclor 1242	53469-21-9	ND	0.05	mg/kg	05/25/94
Aroclor 1248	12672-29-6	ND	0.05	mg/kg	05/25/94
Aroclor 1254	11097-69-1	ND	0.05	mg/kg	05/25/94

LEVINE-FRICKE

SAMPLE ID: 01-7
AEN LAB NO: 9405237-05
AEN WORK ORDER: 9405237
CLIENT PROJ. ID: 3158

DATE SAMPLED: 05/18/94
DATE RECEIVED: 05/18/94
REPORT DATE: 06/06/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
Aroclor 1260	11096-82-5	ND	0.05	mg/kg	05/19/94
#Extraction for PNAs	EPA 3550	-		Extrn Date	05/19/94
Creosote	8270/GCFID	ND	5	mg/kg	05/20/94
PNAs by EPA 8270	EPA 8270				
Acenaphthene	83-32-9	ND	200	ug/kg	05/25/94
Acenaphthylene	208-96-8	ND	200	ug/kg	05/25/94
Anthracene	120-12-7	ND	200	ug/kg	05/25/94
Benzo(a)anthracene	56-55-3	ND	200	ug/kg	05/25/94
Benzo(b)fluoranthene	205-99-2	ND	200	ug/kg	05/25/94
Benzo(k)fluoranthene	207-08-9	ND	200	ug/kg	05/25/94
Benzo(g,h,i)perylene	191-24-2	ND	200	ug/kg	05/25/94
Benzo(a)pyrene	50-32-8	ND	200	ug/kg	05/25/94
Chrysene	218-01-9	ND	200	ug/kg	05/25/94
Dibenzo(a,h)anthracene	53-70-3	ND	200	ug/kg	05/25/94
Fluoranthene	206-44-0	ND	200	ug/kg	05/25/94
Fluorene	86-73-7	ND	200	ug/kg	05/25/94
Indeno(1,2,3-cd)pyrene	193-39-5	ND	200	ug/kg	05/25/94
Naphthalene	91-20-3	ND	200	ug/kg	05/25/94
Phenanthrene	85-01-8	ND	200	ug/kg	05/25/94
Pyrene	129-00-0	ND	200	ug/kg	05/25/94
EPA 8010 - Soil matrix	EPA 8010				
Bromodichloromethane	75-27-4	ND	5	ug/kg	05/26/94
Bromoform	75-25-2	ND	5	ug/kg	05/26/94
Bromomethane	74-83-9	ND	5	ug/kg	05/26/94
Carbon Tetrachloride	56-23-5	ND	5	ug/kg	05/26/94
Chlorobenzene	108-90-7	ND	5	ug/kg	05/26/94
Chloroethane	75-00-3	ND	5	ug/kg	05/26/94
2-Chloroethyl Vinyl Ether	110-75-8	ND	5	ug/kg	05/26/94
Chloroform	67-66-3	ND	5	ug/kg	05/26/94
Chloromethane	74-87-3	ND	5	ug/kg	05/26/94
Dibromochloromethane	124-48-1	ND	5	ug/kg	05/26/94
1,2-Dichlorobenzene	95-50-1	ND	5	ug/kg	05/26/94
1,3-Dichlorobenzene	541-73-1	ND	5	ug/kg	05/26/94
1,4-Dichlorobenzene	106-46-7	ND	5	ug/kg	05/26/94
Dichlorodifluoromethane	75-71-8	ND	5	ug/kg	05/26/94
1,1-Dichloroethane	75-34-3	ND	5	ug/kg	05/26/94
1,2-Dichloroethane	107-06-2	ND	5	ug/kg	05/26/94
1,1-Dichloroethene	75-35-4	ND	5	ug/kg	05/26/94
cis-1,2-Dichloroethene	156-59-2	ND	5	ug/kg	05/26/94

LEVINE-FRICKE

SAMPLE ID: 01-7
AEN LAB NO: 9405237-05
AEN WORK ORDER: 9405237
CLIENT PROJ. ID: 3158

DATE SAMPLED: 05/18/94
DATE RECEIVED: 05/18/94
REPORT DATE: 06/06/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
trans-1,2-Dichloroethene	156-60-5	ND	5	ug/kg	05/26/94
1,2-Dichloropropane	78-87-5	ND	5	ug/kg	05/26/94
cis-1,3-Dichloropropene	10061-01-5	ND	5	ug/kg	05/26/94
trans-1,3-Dichloropropene	10061-02-6	ND	5	ug/kg	05/26/94
Methylene Chloride	75-09-2	ND	5	ug/kg	05/26/94
1,1,2,2-Tetrachloroethane	79-34-5	ND	5	ug/kg	05/26/94
Tetrachloroethene	127-18-4	ND	5	ug/kg	05/26/94
1,1,1-Trichloroethane	71-55-6	ND	5	ug/kg	05/26/94
1,1,2-Trichloroethane	79-00-5	ND	5	ug/kg	05/26/94
Trichloroethene	79-01-6	ND	5	ug/kg	05/26/94
Trichlorofluoromethane	75-69-4	ND	5	ug/kg	05/26/94
1,1,2Trichlorotrifluoroethane	76-13-1	ND	5	ug/kg	05/26/94
Vinyl Chloride	75-01-4	ND	5	ug/kg	05/26/94

Reporting limit elevated for Total Xylenes by EPA Method 8020 due to high concentrations of non-target compounds. Sample was run at a dilution.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

AEN (CALIFORNIA)
QUALITY CONTROL REPORT

AEN JOB NUMBER: 9405237

CLIENT PROJECT ID: 3158

Quality Control Summary

All laboratory quality control parameters were found to be within established limits.

Definitions

The following abbreviations are found throughout the QC report:

ND = Not Detected at or above the reporting limit
RPD = Relative Percent Difference
< = Less Than

QUALITY CONTROL DATA

DATE EXTRACTED: 05/20/94
DATE ANALYZED: 05/24/94
CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237
SAMPLE SPIKED: 9405243-08
INSTRUMENT: IR

IR DETERMINATION FOR OIL & GREASE/HYDROCARBONS
MATRIX SPIKE RECOVERY SUMMARY
(SOIL MATRIX)

ANALYTE	Spike Added (mg/kg)	Average Percent Recovery	RPD
Oil	231	87	7

CURRENT QC LIMITS

Analyte	Percent Recovery	RPD
Oil	(70-115)	15

METHOD BLANK RESULT

Lab Id.	Oil & Grease (mg/kg)	Hydrocarbons (mg/kg)
052094-METHOD BLANK	ND	ND
Reporting Limit	10	10

QUALITY CONTROL DATA

DATE EXTRACTED: 05/17/94
DATE ANALYZED: 05/18/94
CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237
SAMPLE SPIKED: 9405196-03
INSTRUMENT: C

MATRIX SPIKE RECOVERY SUMMARY
TPH EXTRACTABLE SOIL
METHOD: EPA 3550 GCFID

ANALYTE	Spike Added (mg/kg)	Average Percent Recovery	RPD	QC Limits Percent Recovery	QC Limits RPD
Diesel	40.8	84	<1	44-105	18

METHOD BLANK RESULT

Lab Id.	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as Oil (mg/kg)
051994-METHOD BLANK	ND	ND
Reporting Limit	1	5

QUALITY CONTROL DATA

INSTRUMENT: G

CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237
AEN LAB NO: 0526-BLANK
DATE ANALYZED: 05/26/94

EPA METHOD 8010 (SOIL MATRIX)
HALOGENATED VOLATILE ORGANICS

Compound	CAS #	Concentration (ug/kg)	Reporting Limit (ug/kg)
Bromodichloromethane	75-27-4	ND	10
Bromoform	75-25-2	ND	10
Bromomethane	74-83-9	ND	10
Carbon Tetrachloride	56-23-5	ND	10
Chlorobenzene	108-90-7	ND	10
Chloroethane	75-00-3	ND	10
2-Chloroethyl Vinyl Ether	110-75-8	ND	10
Chloroform	67-66-3	ND	10
Chloromethane	74-87-3	ND	10
Dibromochloromethane	124-48-1	ND	10
1,2-Dichlorobenzene	95-50-1	ND	10
1,3-Dichlorobenzene	541-73-1	ND	10
1,4-Dichlorobenzene	106-46-7	ND	10
Dichlorodifluoromethane	75-71-8	ND	10
1,1-Dichloroethane	75-34-3	ND	10
1,2-Dichloroethane	107-06-2	ND	10
1,1-Dichloroethene	75-35-4	ND	10
cis-1,2-Dichloroethene	156-59-2	ND	10
trans-1,2-Dichloroethene	156-60-5	ND	10
1,2-Dichloropropane	78-87-5	ND	10
cis-1,3-Dichloropropene	10061-01-5	ND	10
trans-1,3-Dichloropropene	10061-02-6	ND	10
Methylene Chloride	75-09-2	ND	10
1,1,2,2-Tetrachloroethane	79-34-5	ND	10
Tetrachloroethene	127-18-4	ND	10
1,1,1-Trichloroethane	71-55-6	ND	10
1,1,2-Trichloroethane	79-00-5	ND	10
Trichloroethene	79-01-6	ND	10
Trichlorofluoromethane	75-69-4	ND	10
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	10
Vinyl Chloride	75-01-4	ND	10

QUALITY CONTROL DATA

INSTRUMENT: G

AEN JOB NO: 9405237

CLIENT PROJ. ID: 3158

SURROGATE STANDARD RECOVERY SUMMARY
METHOD: EPA 8010
(SOIL MATRIX)

Date Analyzed	SAMPLE IDENTIFICATION Sample Id.	Lab Id.	SURROGATE RECOVERY (PERCENT) Bromochloro-methane	1-Bromo-3-chloro-propane
05/26/94	01-7	07	104	91

CURRENT QC LIMITS

ANALYTE	PERCENT RECOVERY
Bromochloromethane	(71-127)
1-Bromo-3-chloropropane	(70-137)

QUALITY CONTROL DATA

DATE ANALYZED: 05/26/94
SAMPLE SPIKED: 9405237-05
CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237
INSTRUMENT: G

MATRIX SPIKE RECOVERY SUMMARY
METHOD: EPA 8010
(SOIL MATRIX)

ANALYTE	Spike Added (ug/kg)	Average Percent Recovery	RPD
1,1-Dichloroethene	500	71	4
Trichloroethene	500	93	4
Chlorobenzene	500	87	3

CURRENT QC LIMITS

Analyte	Percent Recovery	RPD
1,1-Dichloroethene	(35-127)	13
Trichloroethene	(71-127)	8
Chlorobenzene	(68-117)	10

QUALITY CONTROL DATA

INSTRUMENT: H

CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237
AEN LAB NO: 0526-BLANK
DATE ANALYZED: 05/26/94

BTEX AND HYDROCARBONS
METHOD: EPA 8020, 5030 GCFID
(SOIL MATRIX)

	CAS #	CONCENTRATION (ug/kg)	REPORTING LIMIT (ug/kg)
Benzene	71-43-2	ND	5
Toluene	108-88-3	ND	5
Ethylbenzene	100-41-4	ND	5
Xylenes, Total	1330-20-7	ND	5
PURGEABLE HYDROCARBONS AS:			
Gasoline		ND mg/kg	0.2 mg/kg

QUALITY CONTROL DATA

INSTRUMENT: H

CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237
AEN LAB NO: 0527-BLANK
DATE ANALYZED: 05/27/94

BTEX AND HYDROCARBONS
METHOD: EPA 8020, 5030 GCFID
(SOIL MATRIX)

	CAS #	CONCENTRATION (ug/kg)	REPORTING LIMIT (ug/kg)
Benzene	71-43-2	ND	5
Toluene	108-88-3	ND	5
Ethylbenzene	100-41-4	ND	5
Xylenes, Total	1330-20-7	ND	5
PURGEABLE HYDROCARBONS AS:			
Gasoline		ND mg/kg	0.2 mg/kg

QUALITY CONTROL DATA

CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237

INSTRUMENT: H

SURROGATE STANDARD RECOVERY SUMMARY
METHOD: EPA 8020, 5030 GCFID
(SOIL MATRIX)

Date Analyzed	SAMPLE IDENTIFICATION Sample Id.	Lab Id.	SURROGATE RECOVERY (PERCENT) Fluorobenzene
05/27/94	G1-8	01	105
05/26/94	G2-10	02	109
05/27/94	G3-9.5	03	105
05/26/94	G4-10.5	04	99
05/27/94	01-7	05	99

CURRENT QC LIMITS

ANALYTE	PERCENT RECOVERY
Fluorobenzene	(78-114)

QUALITY CONTROL DATA

DATE ANALYZED: 05/27/94
SAMPLE SPIKED: LCS
CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237
INSTRUMENT: H

LABORATORY CONTROL SAMPLE
METHOD: EPA 8020, 5030 GCFID
(SOIL MATRIX)

ANALYTE	Spike Added (ug/kg)	Percent Recovery
Benzene	19.6	91
Toluene	72.9	93
Hydrocarbons as Gasoline	1000	100

CURRENT QC LIMITS

Analyte	Percent Recovery
Benzene	(65-122)
Toluene	(67-124)
Gasoline	(60-125)

QUALITY CONTROL DATA

INSTRUMENT: A

CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237
AEN LAB NO: 0519-BLANK
DATE EXTRACTED: 05/19/94
DATE ANALYZED: 05/19/94

EPA METHOD 8080 (SOIL MATRIX)
POLYCHLORINATED BIPHENYLS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	REPORTING LIMIT (ug/kg)
Aroclor 1016	12674-11-2	ND	0.05
Aroclor 1221	11104-28-2	ND	0.05
Aroclor 1232	11141-16-5	ND	0.05
Aroclor 1242	53469-21-9	ND	0.05
Aroclor 1248	12672-29-6	ND	0.05
Aroclor 1254	11097-69-1	ND	0.05
Aroclor 1260	11096-82-5	ND	0.05

QUALITY CONTROL DATA

DATE EXTRACTED: 05/19/94

AEN JOB NO: 9405237

CLIENT PROJ. ID: 3158

INSTRUMENT: A

SURROGATE STANDARD RECOVERY SUMMARY
METHOD: EPA 8080
(SOIL MATRIX)

SAMPLE IDENTIFICATION			SURROGATE RECOVERY (PERCENT)
Date Analyzed	Sample Id.	Lab Id.	2,4,5,6-Tetrachloro-meta-xylene
05/19/94	01-7	05	103

CURRENT QC LIMITS

ANALYTE	PERCENT RECOVERY
2,4,5,6-Tetrachloro-meta-xylene	(59-115)

QUALITY CONTROL DATA

DATE EXTRACTED: 05/11/94
DATE ANALYZED: 05/11/94
CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237
SAMPLE SPIKED: 9405077-05
INSTRUMENT: A

SPIKE RECOVERY SUMMARY
METHOD: EPA 8080
(SOIL MATRIX)

ANALYTE	Spike Added (ug/kg)	Average Percent Recovery	RPD
A1260	133	108	<1

CURRENT QC LIMITS

Analyte	Percent Recovery	RPD
A1260	(34-134)	25

QUALITY CONTROL DATA

INSTRUMENT: 11

CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237
AEN LAB NO: 0519-BLANK
DATE EXTRACTED: 05/19/94
DATE ANALYZED: 05/25/94

EPA METHOD 8270 (SOIL MATRIX)
POLYNUCLEAR AROMATIC HYDROCARBONS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	REPORTING LIMIT (ug/kg)
Acenaphthene	83-32-9	ND	200
Acenaphthylene	208-96-8	ND	200
Anthracene	120-12-7	ND	200
Benzo(a)anthracene	56-55-3	ND	200
Benzo(b)fluoranthene	205-99-2	ND	200
Benzo(k)fluoranthene	207-08-9	ND	200
Benzo(g,h,i)perylene	191-24-2	ND	200
Benzo(a)pyrene	50-32-8	ND	200
Chrysene	218-01-9	ND	200
Dibenzo(a,h)anthracene	53-70-3	ND	200
Fluoranthene	206-44-0	ND	200
Fluorene	86-73-7	ND	200
Indeno(1,2,3-cd)pyrene	193-39-5	ND	200
Naphthalene	91-20-3	ND	200
Phenanthrene	85-01-8	ND	200
Pyrene	129-00-0	ND	200

QUALITY CONTROL DATA

DATE EXTRACTED: 05/19/94

AEN JOB NO: 9405237

CLIENT PROJ. ID: 3158

INSTRUMENT: 11

SURROGATE STANDARD RECOVERY SUMMARY
METHOD: EPA 8270
(SOIL MATRIX)

SAMPLE IDENTIFICATION			SURROGATE RECOVERY (PERCENT)					
Date Analyzed	Sample Id.	Lab Id.	Nitro-benzene-d_5	2-Fluoro-biphenyl	Terphenyl-d_{14}	Phenol-d_5	2-Fluoro-phenol	2,4,6-Tribromo-phenol
05/25/94	01-7	05	75	77	114	96	79	82

CURRENT QC LIMITS

ANALYTE	PERCENT RECOVERY
Nitrobenzene-d_5	(23-120)
2-Fluorobiphenyl	(30-115)
Terphenyl-d_{14}	(18-137)
Phenol-d_5	(24-113)
2-Fluorophenol	(25-121)
2,4,6-Tribromophenol	(19-122)

QUALITY CONTROL DATA

DATE EXTRACTED: 05/12/94
DATE ANALYZED: 05/21/94
CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237
SAMPLE SPIKED: 9405148-06
INSTRUMENT: 11

MATRIX SPIKE RECOVERY SUMMARY
METHOD: EPA 8270
(SOIL MATRIX)

ANALYTE	Spike Added (ug/kg)	Average Percent Recovery	RPD
Phenol	3330	63	11
2-Chlorophenol	3330	87	2
1,4-Dichlorobenzene	3400	60	3
N-Nitroso-di-n-propylamine	3320	47	11
1,2,4-Trichlorobenzene	3330	60	20
4-Chloro-3-methylphenol	3270	91	10
Acenaphthene	3330	72	<1
4-Nitrophenol	3300	51	22
2,4-Dinitrotoluene	3330	65	9
Pentachlorophenol	3380	54	10
Pyrene	3320	95	10

CURRENT QC LIMITS

Analyte	Percent Recovery	RPD
Phenol	(35- 81)	33
2-Chlorophenol	(28- 88)	26
1,4-Dichlorobenzene	(28- 81)	9
4-Nitroso-di-n-propylamine	(27- 83)	20
1,2,4-Trichlorobenzene	(30- 82)	22
4-Chloro-3-methylphenol	(31-104)	28
Acenaphthene	(30-101)	17
4-Nitrophenol	(7-102)	32
2,4-Dinitrotoluene	(26- 86)	24
Pentachlorophenol	(11- 94)	41
Pyrene	(23-128)	23

QUALITY CONTROL DATA

MATRIX: SOIL

CLIENT PROJ. ID: 3158

AEN JOB NO: 9405237
SAMPLE SPIKED: SAND
DATE(S) ANALYZED: 05/26-27/94

METHOD BLANK AND SPIKE RECOVERY SUMMARY

Compound	Inst./ Method	Blank Result (mg/kg)	Spike Added (mg/kg)	Average Percent Recovery	RPD	QC Limits % Rec. Limit	QC Limits RPD Limit
Cd, Cadmium	ICP/6010	ND	10	96	<1	79-102	7
Cr, Chromium	ICP/6010	ND	50	100	2	85-107	7
Ni, Nickel	ICP/6010	ND	50	100	1	85-107	6
Pb, Lead	ICP/6010	ND	50	100	1	84-111	7
Zn, Zinc	ICP/6010	ND	50	95	1	82-107	8
Organo Lead	V12/DHS	ND	5.0	88	5	50-121	22

*** END OF REPORT ***

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9405237

Project No.: 3158	Field Logbook No.:	Date: 5/18/94	Serial No.: 9633
Project Name: Celis Alliance Tank Pull	Project Location: Emeryville		
Sampler (Signature): Julie Sharp			Samplers: JCS

	SAMPLES						ANALYSES								
	SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	TPH Gasoline EPA 8015	TPH Diesel & Motor Oil EPA 8015	TOG 5520 E&F	Organic Lead	8080 for PCBs	8010 Chlorinated Hydrocarbons	HOLD	** RUSH	REMARKS
1A	G1 - 8	5/18	15:40		1	soil									ICP okay * by ~~AA~~ - Cr, Ca, Ni, Pb & Zn only
2A	G2 - 10	↓	15:50		1	↓									
3A	G3 - 9.5		16:00		1					X					** 8270 for PNAs & Creosote
4A	G4 - 10.5		16:30		1										
5A	O1 - 7	↓	16:20		2	↓	↓	X	X	X	X	X	X	X	05/20/94 Metals by ICP okay per Julie Sharp. JKP

RELINQUISHED BY: (Signature) Julie Sharp	DATE 5/18/94	TIME 1705	RECEIVED BY: (Signature) Michael E McMillan	DATE 5/18/94	TIME 17:05
RELINQUISHED BY: (Signature) Michael E McMillan	DATE 5/18/94	TIME 18:00	RECEIVED BY: (Signature) Emily S Harris	DATE 5/18/94	TIME 18:00
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
ALEN, Pleasant Hill

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink)

FORM NO. 86/COC/ARF

American Environmental Network

Certificate of Analysis

DOHS Certification: 1172 AIHA Accreditation: 11134

LEVINE-FRICKE
1900 POWELL ST. 12TH FL.
EMERYVILLE, CA 94608

ATTN: JULIE SHARP
CLIENT PROJ. ID: 3158
CLIENT PROJ. NAME: CELIS ALLIANCE
C.O.C. NUMBER: 12071

REPORT DATE: 06/08/94
DATE(S) SAMPLED: 05/20/94
DATE RECEIVED: 05/20/94
AEN WORK ORDER: 9405269

PROJECT SUMMARY:

On May 20, 1994, this laboratory received 3 soil sample(s).

Client requested samples be analyzed for organic parameters. Sample identification, methodologies, results and dates analyzed are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

If you have any questions, please contact Client Services at (510) 930-9090.

Larry Klein
Laboratory Director

RECEIVED
JUN 10
LEVINE-FRICKE

LEVINE-FRICKE

SAMPLE ID: G5-8.5
AEN LAB NO: 9405269-01
AEN WORK ORDER: 9405269
CLIENT PROJ. ID: 3158

DATE SAMPLED: 05/20/94
DATE RECEIVED: 05/20/94
REPORT DATE: 06/08/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	2000	ug/kg	05/27/94
Toluene	108-88-3	ND	800	ug/kg	05/27/94
Ethylbenzene	100-41-4	ND	4000	ug/kg	05/27/94
Xylenes, Total	1330-20-7	ND	800	ug/kg	05/27/94
Purgeable HCs as Gasoline	5030/GCFID	ND	200	mg/kg	05/27/94

Reporting limits elevated for BTEX and gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

LEVINE-FRICKE

SAMPLE ID: D1-9
AEN LAB NO: 9405269-02
AEN WORK ORDER: 9405269
CLIENT PROJ. ID: 3158

DATE SAMPLED: 05/20/94
DATE RECEIVED: 05/20/94
REPORT DATE: 06/08/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	200	ug/kg	05/26/94
Toluene	108-88-3	ND	100	ug/kg	05/26/94
Ethylbenzene	100-41-4	ND	50	ug/kg	05/26/94
Xylenes, Total	1330-20-7	ND	50	ug/kg	05/26/94
Purgeable HCs as Gasoline	5030/GCFID	ND	60	mg/kg	05/26/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	05/23/94
TPH as Diesel	GC-FID	1,300 *	1	mg/kg	05/26/94

Reporting limits elevated for BTEX and gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

LEVINE-FRICKE

SAMPLE ID: D2-9.5
AEN LAB NO: 9405269-03
AEN WORK ORDER: 9405269
CLIENT PROJ. ID: 3158

DATE SAMPLED: 05/20/94
DATE RECEIVED: 05/20/94
REPORT DATE: 06/08/94

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	300	ug/kg	05/26/94
Toluene	108-88-3	ND	300	ug/kg	05/26/94
Ethylbenzene	100-41-4	ND	300	ug/kg	05/26/94
Xylenes, Total	1330-20-7	ND	300	ug/kg	05/26/94
Purgeable HCs as Gasoline	5030/GCFID	ND	60	mg/kg	05/26/94
#Extraction for Diesel/Oil	EPA 3550	-		Extrn Date	05/23/94
TPH as Diesel	GC-FID	89 *	1	mg/kg	06/01/94

Reporting limits elevated for BTEX and gasoline due to hydrocarbon interference.

ND = Not detected at or above the reporting limit
* = Value above reporting limit

AEN (CALIFORNIA)
QUALITY CONTROL REPORT

AEN JOB NUMBER: 9405269

CLIENT PROJECT ID: 3158

Quality Control Summary

All laboratory quality control parameters were found to be within established limits.

Definitions

The following abbreviations are found throughout the QC report:

ND = Not Detected at or above the reporting limit
RPD = Relative Percent Difference
< = Less Than

QUALITY CONTROL DATA

DATE EXTRACTED: 05/23/94
DATE ANALYZED: 05/24/94
CLIENT PROJ. ID: 3158

AEN JOB NO: 9405269
SAMPLE SPIKED: SAND
INSTRUMENT: C

LABORATORY CONTROL SAMPLE
METHOD: EPA 3550 GCFID
(SOIL MATRIX)

ANALYTE	Spike Added (mg/kg)	Percent Recovery
Diesel	40.8	71

CURRENT QC LIMITS

Analyte	Percent Recovery
Diesel	(44-105)

METHOD BLANK RESULT

Lab Id.	Extractable Hydrocarbons as Diesel (mg/kg)
052394-METHOD BLANK	ND
Reporting Limit	1

QUALITY CONTROL DATA

INSTRUMENT: H

CLIENT PROJ. ID: 3158

AEN JOB NO: 9405269
AEN LAB NO: 0526-BLANK
DATE ANALYZED: 05/26/94

BTEX AND HYDROCARBONS
METHOD: EPA 8020, 5030 GCFID
(SOIL MATRIX)

	CAS #	CONCENTRATION (ug/kg)	REPORTING LIMIT (ug/kg)
Benzene	71-43-2	ND	5
Toluene	108-88-3	ND	5
Ethylbenzene	100-41-4	ND	5
Xylenes, Total	1330-20-7	ND	5
PURGEABLE HYDROCARBONS AS:			
Gasoline		ND mg/kg	0.2 mg/kg

QUALITY CONTROL DATA

INSTRUMENT: H

CLIENT PROJ. ID: 3158

AEN JOB NO: 9405269
AEN LAB NO: 0527-BLANK
DATE ANALYZED: 05/27/94

BTEX AND HYDROCARBONS
METHOD: EPA 8020, 5030 GCFID
(SOIL MATRIX)

	CAS #	CONCENTRATION (ug/kg)	REPORTING LIMIT (ug/kg)
Benzene	71-43-2	ND	5
Toluene	108-88-3	ND	5
Ethylbenzene	100-41-4	ND	5
Xylenes, Total	1330-20-7	ND	5
PURGEABLE HYDROCARBONS AS:			
Gasoline		ND mg/kg	0.2 mg/kg

QUALITY CONTROL DATA

CLIENT PROJ. ID: 3158

AEN JOB NO: 9405269

INSTRUMENT: H

SURROGATE STANDARD RECOVERY SUMMARY
METHOD: EPA 8020, 5030 GCFID
(SOIL MATRIX)

Date Analyzed	SAMPLE IDENTIFICATION		SURROGATE RECOVERY (PERCENT)
	Sample Id.	Lab Id.	Fluorobenzene
05/27/94	G5-8.5	01	109
05/26/94	D1-9	02	106
05/26/94	D2-9.5	03	101

CURRENT QC LIMITS

ANALYTE	PERCENT RECOVERY
Fluorobenzene	(78-114)

QUALITY CONTROL DATA

DATE ANALYZED: 05/25/94
SAMPLE SPIKED: 9405247-01
CLIENT PROJ. ID: 3158

AEN JOB NO: 9405269
INSTRUMENT: H

MATRIX SPIKE RECOVERY SUMMARY
METHOD: EPA 8020, 5030 GCFID
(SOIL MATRIX)

ANALYTE	Spike Added (ug/kg)	Average Percent Recovery	RPD
Benzene	19.6	112	4
Toluene	72.9	106	3
Hydrocarbons as Gasoline	1000	91	14

CURRENT QC LIMITS

Analyte	Percent Recovery	RPD
Benzene	(81-127)	11
Toluene	(84-121)	14
Gasoline	(66-116)	20

*** END OF REPORT ***

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9405269

Project No.: 3158	Field Logbook No.:	Date: 5/20/94	Serial No.: Nº 12071
Project Name: Celia Alliance Tank Pull	Project Location: Emeryville		
Sampler (Signature): Julie Sharp			

SAMPLES						ANALYSES								Samplers: JCS
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	TPH-Gas & BTEX	TPH-Diesel			HOLD	RUSH	REMARKS
G5-8.5	5/20	9:30	01A	1	soil			X						
D1-9	↓	13:30	02A	1	↓			X	X					
D2-9.5	↓	13:40	03A	1	↓			X	X					

RELINQUISHED BY: (Signature) Julie Sharp	DATE 5/20/94	TIME 14 40	RECEIVED BY: (Signature)	DATE 5/20/94	TIME 15:10
RELINQUISHED BY: (Signature)	DATE 5/20/94	TIME 18:45	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 5/20/94	TIME 1845
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector:

LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, California 94608
(510) 652-4500

Analytical Laboratory: AEN, Pleasant Hill

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FORM NO. 86/COC/ARF

American Environmental Network

Certificate of Analysis

DOHS Certification: 1172 AIHA Accreditation: 11134

LEVINE-FRICKE
1900 POWELL ST. 12TH FL.
EMERYVILLE, CA 94608

ATTN: JULIE SHARP
CLIENT PROJ. ID: 3158
CLIENT PROJ. NAME: CELIS ALLIANCE
C.O.C. NUMBER: 9634

REPORT DATE: 06/03/94
DATE(S) SAMPLED: 05/17/94
DATE RECEIVED: 05/18/94
AEN WORK ORDER: 9405238

PROJECT SUMMARY:

On May 18, 1994, this laboratory received 2 SKC passive monitor badge sample(s).

Client requested samples be analyzed for Benzene. Sample identification, methodology, results and dates analyzed are summarized on the following pages.

If you have any questions, please contact Client Services at (510) 930-9090.

Andrew Bradeen
Laboratory Manager
Organic and IH Departments

REPORT DATE:06/03/94

LEVINE-FRICKE

SAMPLE ID	AEN LAB #	ANALYTE	METHOD	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BADGE 1	9405238-01A	Sample Time		480 *		Min	
BADGE 2	9405238-02A	Sample Time		480 *		Min	
BADGE 1	9405238-01A	Benzene in Air	SKC	<0.2		ppm	05/27/94
BADGE 2	9405238-02A	Benzene in Air	SKC	<0.2		ppm	05/27/94

ND = Not detected at or above the reporting limit
* = Value above reporting limit

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9405238

Project No.: 3158	Field Logbook No.:	Date: 5/18/94	Serial No.: 9634
Project Name: Celia Alliance Tank Pull	Project Location: Emeryville		
Sampler (Signature): Julie Sharp			Samplers: JCS

SAMPLES						ANALYSES								
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	Benzene				HOLD	RUSH	REMARKS
BADGE 1	5/17		01A	1	air			X						
BADGE 2	↓		02A	1	↓			X						

RELINQUISHED BY: (Signature) Julie Sharp	DATE 5/18/94	TIME 1705	RECEIVED BY: (Signature) Michael E McMillan	DATE 5/18/94	TIME 17:05
RELINQUISHED BY: (Signature) Michael E McMillan	DATE 5/18/94	TIME 18:00	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature) Denise Harrington	DATE 5/18/94	TIME 1800
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
AEN, Pleasant Hill

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