

# A.E. Schmidt Environmental

April 21, 1997

## UST CLOSURE REPORT

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

OAKLAND MAINTENANCE YARD  
1112 29<sup>TH</sup> AVENUE  
OAKLAND, CALIFORNIA 94601

TASK ORDER No. 43X939-64  
CONTRACT No. 43X939

97 MAY -2 PM 2:41  
ENVIRONMENTAL  
PROTECTION

**Prepared for:**

State of California  
Department of Transportation  
District 4  
111 Grand Avenue  
Oakland, CA 94623-0660

Alameda County  
Department of Environmental Health  
1131 Harbor Bay Parkway, RM 250  
Alameda, CA 94502

City of Oakland  
Fire Prevention Bureau  
421 14<sup>th</sup> Street  
Oakland, CA 94612

**Prepared by:**

A.E. Schmidt Environmental  
16509 Saticoy Street  
Van Nuys, CA 91406  
(818) 786-2373

16509 Saticoy Street  
Van Nuys, California 91406  
(818) 786-2373  
(818) 786-5440 FAX

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1112 29<sup>th</sup> Street  
Oakland, California 94601

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Contract No. 43X939

**Prepared by:**

A.E. Schmidt Environmental  
16509 Saticoy Street  
Van Nuys, California 91406

  
Chris Thixton

Task Order Project Manager

  
Don Indermill, R.G.

Task Order Project Geologist



16509 Saticoy Street  
Van Nuys, California 91406  
(818) 786-2373  
(818) 786-5440 FAX

**TABLE OF CONTENTS**

SECTION	PAGE
1. INTRODUCTION.....	1
2. SITE DESCRIPTION.....	1
3. TANK REMOVAL OPERATIONS .....	4
3.1 Permits.....	4
3.2 Site Safety Procedures.....	4
3.3 UST Excavation .....	4
3.4 Product Removal .....	4
3.5 UST Removal Procedures .....	4
3.6 Excavation Dewatering .....	5
4. SOIL SAMPLING.....	5
4.1 Soil Sampling Following UST Removal.....	5
4.2 Soil Sampling Analytical Results.....	5
5. POST UST REMOVAL ACTIVITIES .....	8
5.1 Backfill & Compaction .....	8
5.2 Asphalt Resurfacing .....	8
5.4 Profiling Documentation & Non-Hazardous Soil Disposal .....	8
6. CONCLUSION .....	8

**LIST OF FIGURES**

Figure 1 Site Vicinity Map .....	2
Figure 2 Site Map.....	3
Figure 3 Soil Sample Locations.....	6

**LIST OF TABLES**

Table 1 Laboratory Analytical Results for Soil Samples .....	7
Table 2 Laboratory Analytical Results for Soil Samples .....	7

## APPENDICES

- A. Permits
- B. Manifests and Certificates
- C. Laboratory Results and Chain-of-Custody
- D. Compaction Report
- E. Profiling Documentation & Non-Hazardous Waste Manifests

## 1. INTRODUCTION

This report documents the closure of two underground storage tanks (UST's) completed by A.E. Schmidt Environmental (AESE) for the State of California, Department of Transportation (Caltrans). The Caltrans UST's were located at Oakland Maintenance Yard, 1112 29<sup>th</sup> Street, Oakland, California. The closure involved the removal of one 4,000 gallon diesel and one 2,000 gallon gasoline UST's.

The removal operations were completed in accordance with Caltrans, City of Oakland Fire Department, and Alameda County Department of Environmental Health closure regulations. The underground storage tank removal activities included the excavation & removal of the UST's, soil sampling, and backfilling the UST excavation. Related activities included removing of the remaining product from the UST's, dewatering the UST excavation, transporting the UST's to a disposal facility, soil sample analysis by a certified laboratory, and disposal of the stockpiled soil as non-hazardous. Supporting documentation such as permits, manifests, laboratory results, compaction monitoring, soil profiling documentation, and non-hazardous waste manifests are presented in Appendices A through E. This report describes the methods employed to comply with regulatory requirements for UST closure.

## 2. SITE DESCRIPTION

The State of California purchased the site from the City of Oakland in the 1920's when the site was used as an auto repair facility. In 1951 the building was upgraded, then converted to a maintenance facility in the early 1960's. The 4,000 gallon fiberglass diesel UST was approximately 27 years old and the 2,000 gallon steel gasoline UST is approximately 17 years old. The UST's have been inspected annually as required and passed the required annual tightness test since testing was implemented in 1987. Figure 1 shows the site vicinity map.

The facility is operated as a fueling and maintenance point servicing Caltrans vehicles in the Oakland area. The maintenance yard is located on 2.2 acres in a mostly urban setting. The site consists of a primary office with adjacent vehicle maintenance & support bays located along the eastern property line and a material storage area located along the western property line. The primary entrance to the site is on 29<sup>th</sup> Avenue and the secondary entrance is on Derby Avenue. The southern end of the property contains vehicle parking and material storage bins for highway repairs. Figure 2 shows the location of the UST's.



**SITE**



**AESE**  
 A.E. SCHMIDT ENVIRONMENTAL INC  
 CONSULTANTS AND CONTRACTORS

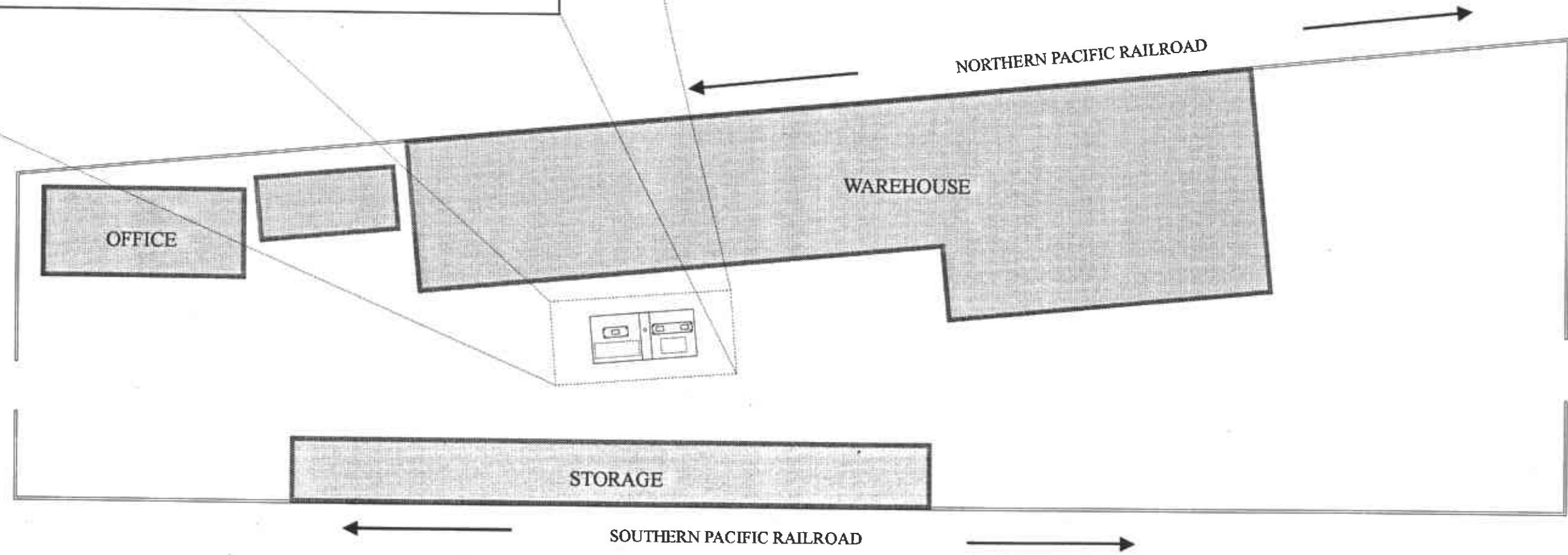
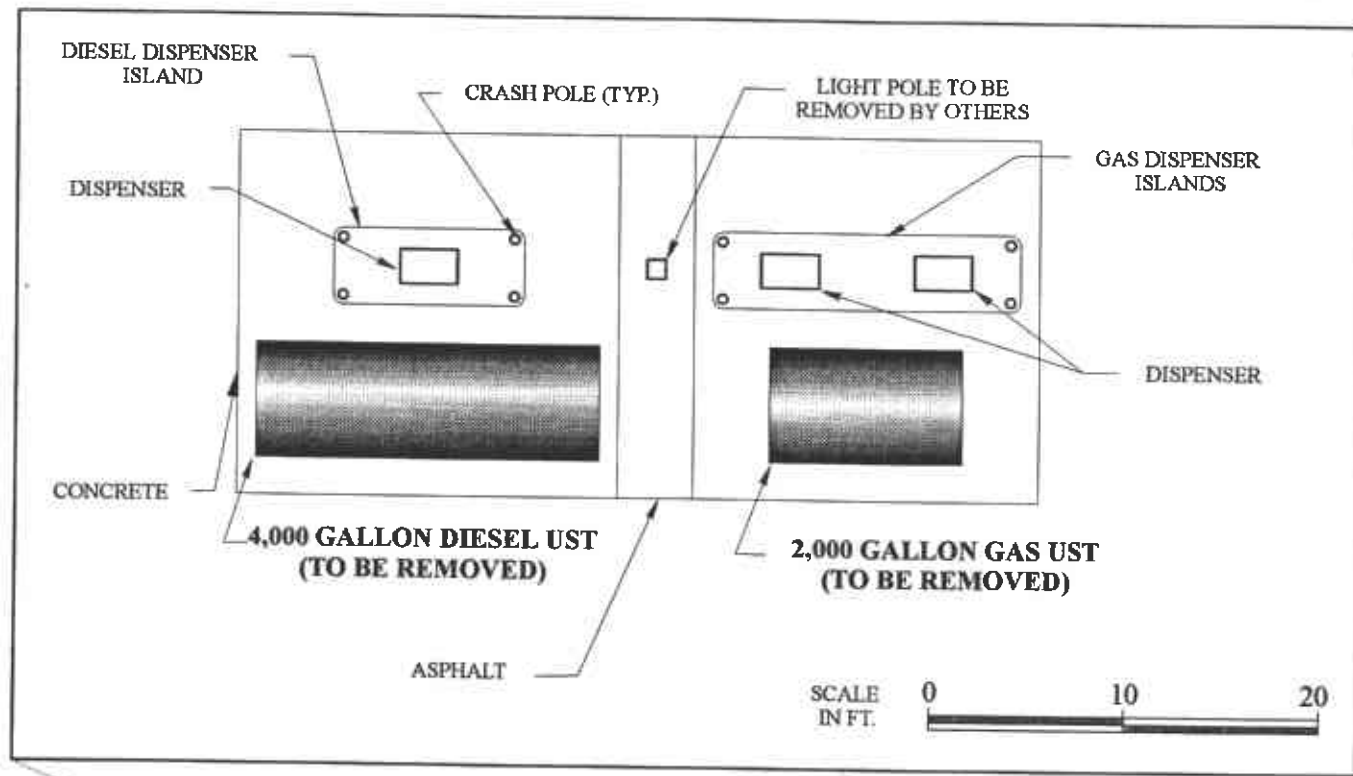
16509 Saticoy Street, Van Nuys, CA 91402 1-800-701-2373

Caltrans/ District 4  
 Specialty Region  
 1112 29th Avenue  
 Oakland, CA.

Drawn By: A. Villanueva  
 Approved By: C. Thixton  
 Date: 2-5-97  
 Job No.: 1075  
 File Name: 1075-1.CDR



FIGURE  
**1**



**AESE**  
 A.E. SCHMIDT ENVIRONMENTAL INC  
 CONSULTANTS AND CONTRACTORS  
 16509 Saticoy Street, Van Nuys, CA 91402 1-800-701-2373



Caltrans /District 4  
 Specialty Region  
 1112 29th Ave.  
 Oakland, Cal.

Drawn By:	A. Villanueva
Approved By:	C. Thixton
Date:	1-28-97
Job No.:	1075
File Name:	1075-FIG2.cdr
Scale	0 50 100
In Ft.	

FIGURE  
 2



### **3. TANK REMOVAL OPERATIONS**

#### **3.1 Permits**

Prior to the permitting process, the location was reviewed by a representative of AESE who drafted a site plan, established the approximate orientation of the UST's, associated piping, and noted any structures located on the property.

A UST removal permit were obtained from City of Oakland Fire Prevention Bureau (Permit No. 751546) and Alameda County Department of Environmental Health. Once the appropriate permits were obtained, Underground Service Alert (Ref. No. 56662), and Cal-OSHA (Permit No. 97-901930) were notified. See Appendix A for permits.

#### **3.2 Site Safety Procedures**

Prior to all work activities a site safety meeting was held with Caltrans representatives and all AESE field personnel. Specific hazards, hospital location, potential risks, and other site specific safety procedures were discussed.

#### **3.3 UST Excavation**

The excavation of the UST's was initiated on March 10, 1996. Approximately 15 pounds of dry ice per 1,000 gallons of tank volume was inserted into each UST. The area over the UST's, dispenser island, and concrete pad were then broken out and stockpiled for disposal. The soil associated with the UST's was stockpiled temporarily along the southern property line.

#### **3.4 Product Removal**

On March 11, 1997, approximately 731 gallons of non-dispensable liquids found within the diesel UST were removed as non-RCRA hazardous waste (manifest No. 95784588). The liquids were disposed of by Erickson Inc., at Evergreen Oil Company, 6880 Smith Avenue, Newark, California. Approximately 50 gallons of non-dispensable liquids found within the gasoline UST were removed as non-RCRA hazardous waste (manifest No. 96434377). The liquids were disposed of by Erickson at Crosby & Overton, 1630 West 17<sup>th</sup> Street, Long Beach, California.

#### **3.5 UST Removal Procedures**

On that same day the UST's were authorized for removal by Inspector Chan from the Alameda County Department of Environmental Health and an Inspector from City of Oakland Fire Prevention Bureau. Authorization for removal was based on an interior UST lower explosive level of <10% and an oxygen level of 0%. The UST's were removed from the excavation and loaded onto an awaiting flatbed truck for disposal.

The associated piping, dispensers, and UST's were disposed of by Erickson at 255 Parr Boulevard, Richmond, California 94801. Tank Disposal Forms are included in Appendix B.



### ***3.6 Excavation Dewatering***

Water was encountered within the excavation during the UST removal process. Based on instructions from the on site inspectors the water was removed via an available vacuum. Approximately 135 gallons of water was pumped from the excavation as non-RCRA hazardous waste (manifest No. 96417187). The liquids were disposed of by Erickson at Evergreen Oil Company, 6880 Smith Avenue, Newark, California. Water samples were not retrieved based on instructions from the Inspector Chan.

## **4. SOIL SAMPLING**

### ***4.1 Soil Sampling Following UST Removal***

Following removal of the UST's and as directed by the requirements of the issued permits and workplan, a total of eight (8) soil samples were retrieved.

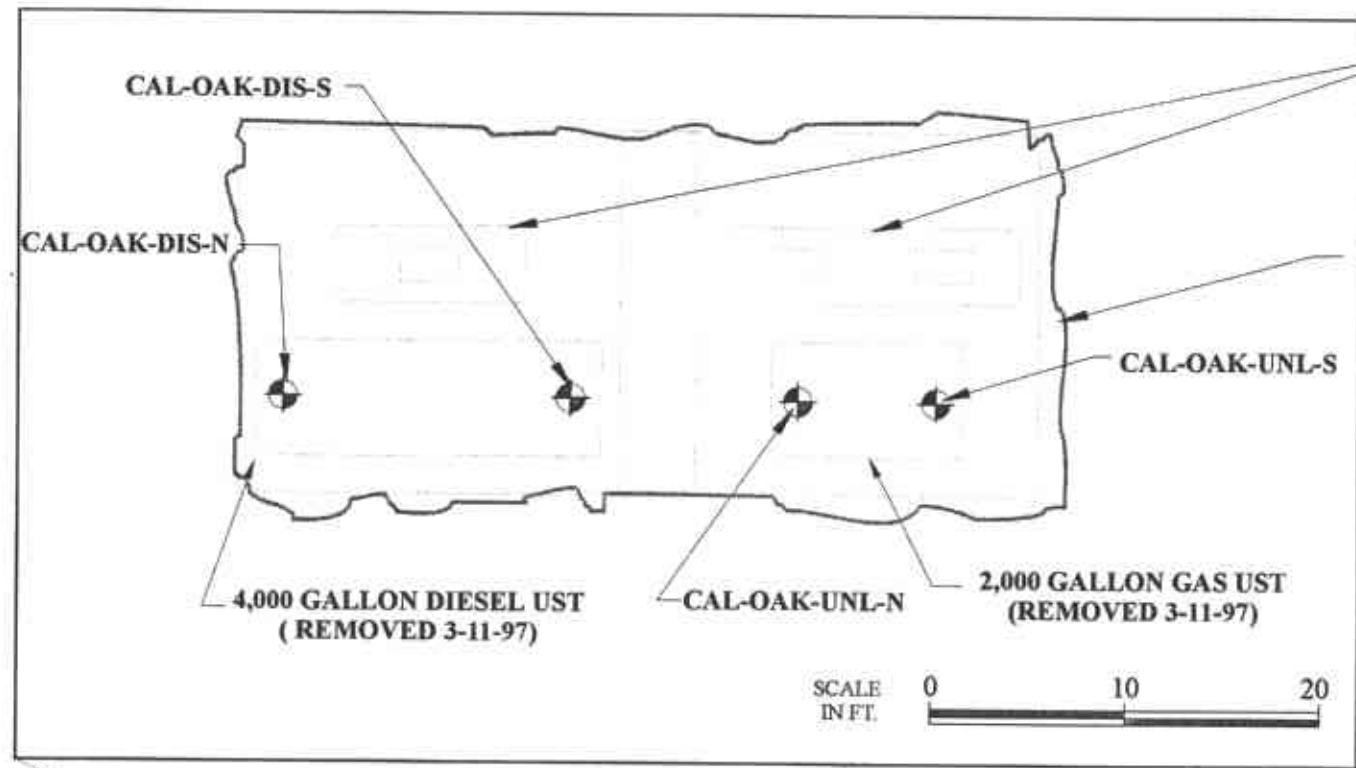
The soil samples collected at the former UST locations were retrieved with the use of a backhoe bucket. The soil samples collected from the stockpiled soils were collected by driving clean brass sleeves into the soil. Figure 3 illustrates the locations of all retrieved samples.

In accordance with EPA and CA DHS protocols, each soil sample was kept in the original sleeve, the ends were covered with Teflon, and capped with plastic end caps. Each soil sample sleeve was labeled with a specific area sample number, the time and date the sample was collected, the samplers name, and the analysis requested.

The soil sample was then placed in a plastic freezer bag, and immediately placed in a cooler on blue ice. All samples were logged on a chain of custody and sent to a CA DHS state certified laboratory, Advanced Technologies Laboratories (ELAP No. 1838), for analysis. The chain of custody and laboratory results are presented in Appendix C.

### ***4.2 Soil Sampling Analytical Results***

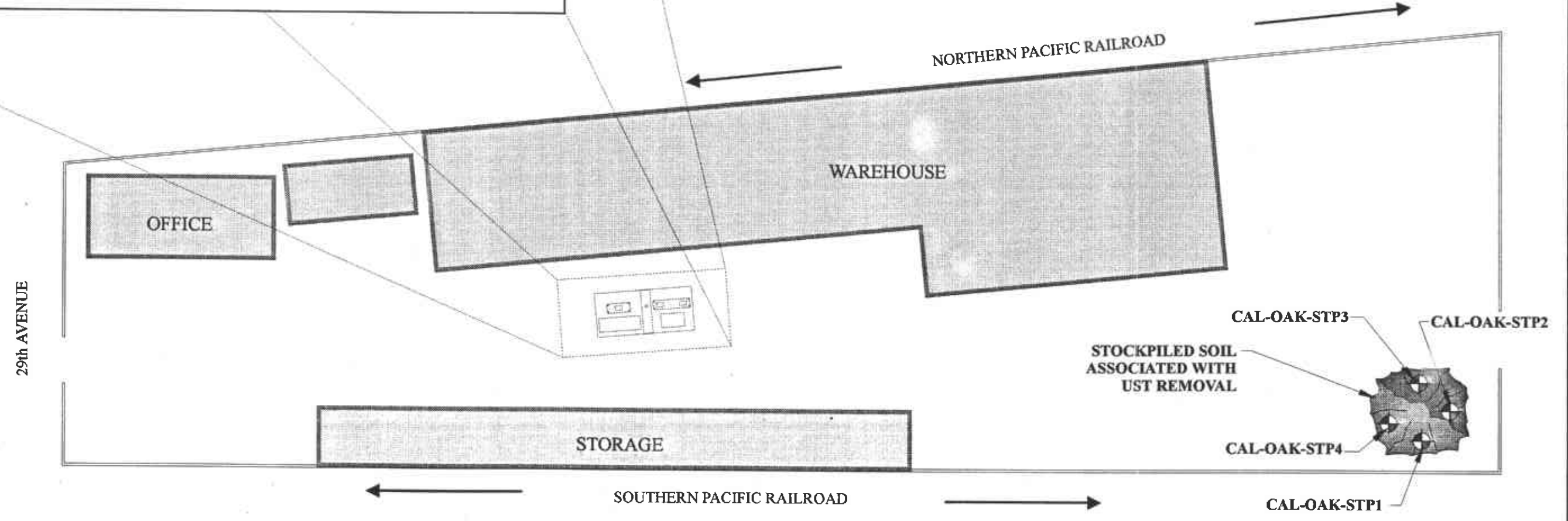
The samples associated with the 2,000 gallon gasoline UST were analyzed for volatile extractable hydrocarbons by CA DHS method 8015m-Gas, volatile aromatics by EPA method 8020, and total lead by LUFT field manual guidelines. The samples associated with the 4,000 gallon diesel UST were analyzed for total extractable hydrocarbons by CA DHS method 8015m-Diesel, volatile aromatics by EPA method 8020, and total lead. The soil samples retrieved from the stockpiled soil associated with the UST removal were analyzed for volatile extractable hydrocarbons by CA DHS method 8015m-Gas, total extractable hydrocarbons by CA DHS method 8015m-Diesel, volatile aromatics by EPA method 8020, and total lead. A summary of the laboratory results for all samples are included as Tables 1 and 2.



DIESEL & GASOLINE DISPENSER ISLANDS, AND DISPENSERS (REMOVED 3-11-97)

LOCATION OF SAMPLES RETRIEVED ON 3-11-97

LIMIT OF EXCAVATION



**AESE**  
 A.E. SCHMIDT ENVIRONMENTAL INC  
 CONSULTANTS AND CONTRACTORS  
 16509 Saticoy Street, Van Nuys, CA 91402 1-800-701-2373



Caltrans /District 4  
 Specialty Region  
 1112 29th Ave.  
 Oakland, Cal.

Drawn By:	A. Villanueva
Approved By:	C. Thixton
Date:	4-16-97
Job No.:	1075
File Name:	1075-FIG3.cdr
Scale:	0 50 100
In Ft.	

FIGURE  
**3**



**TABLE 1: Results of Laboratory Analysis-Soil Sampling March 11, 1997**

SAMPLE NUMBER	Mod. 8015/Diesel (mg/kg)	Mod. 8015/Gas (mg/kg)	Total Lead/7420 (mg/kg)
CAL-OAK-STP1	18	2.3	8.7
CAL-OAK-STP2	33	2.4	ND
CAL-OAK-STP3	20	4.4	ND
CAL-OAK-STP4	18	1.2	ND
CAL-OAK-UNL-N	--	380	ND
CAL-OAK-UNL-S	--	ND	ND
CAL-OAK-DIS-N	4.9	--	ND
CAL-OAK-DIS-S	21	--	ND

**TABLE 2: Results of Laboratory Analysis-Soil Sampling March 11, 1997**

SAMPLE NUMBER	BENZENE (ug/kg)	TOLUENE (ug/kg)	ETHYLBENZENE (ug/kg)	XYLENES (ug/kg)	MtBE (ug/kg)
CAL-OAK-STP1	ND	ND	7.2	145	293
CAL-OAK-STP2	ND	15	5.4	76	125
CAL-OAK-STP3	ND	ND	11	280	ND
CAL-OAK-STP4	ND	ND	ND	43	52
CAL-OAK-UNL-N	1,650	11,860	8,040	48,860	9,150
CAL-OAK-UNL-S	75	ND	10	ND	380
CAL-OAK-DIS-N	ND	ND	ND	ND	112
CAL-OAK-DIS-S	ND	ND	ND	ND	41

**Notes for Table's 1-2:**

- ND Analysis reported below method detection limit  
 -- Analysis not required by regulatory agency  
 . See Appendix C for Laboratory Analytical Report

## 5. POST UST REMOVAL ACTIVITIES

### 5.1 Backfill & Compaction

Based on instructions from Caltrans, AESE was directed to backfill and compact the UST removal excavation. On March 12, 1997 the bottom of the UST excavation was cleared of all loose material and prepared for backfill. The excavation was then backfilled with the class II aggregate base to 4" below existing grade. Base material was placed in 8" lifts to approximately 4" below grade. The base material was tested to 90% maximum dry density by a technician from Testing Engineers. A compaction memo issued by Testing Engineers is included in Appendix D.

### 5.2 Asphalt Resurfacing

On March 13, 1997 the compacted area was resurfaced with asphalt meeting the requirements of the Caltrans. All barricades were removed and the area swept clean.

### 5.3 Profiling Documentation & Non-Hazardous Waste Soil Disposal

Due to the non-hazardous levels of contamination reported within the stockpiled soil, Caltrans directed AESE to properly dispose of the stockpiled soil as non-hazardous waste. The stockpiled soil associated with the UST removal activities was profiled for disposal as non-hazardous waste at a state certified thermal treatment facility, TPS Technologies, 20 Recycling Lane, Richmond, CA 94801.

On March 14, 1997 52.37 tons (approximately 34.91 cubic yards) of stockpiled soil was manifested, loaded, and transported for disposal at TPS Technologies. Profiling forms and non-hazardous waste manifests documenting disposal of the stockpiled soil are included in Appendix E.

This concludes the UST removal activities.

## 6. CONCLUSION

Based on the results of soil sampling and field monitoring, A.E. Schmidt Environmental recommends assessment to determine the extent of subsurface impact from the leaking UST's.

# ACTIVITY NOTIFICATION FORM

## FOR HOLDERS OF ANNUAL PERMITS

### Scaffolding Falsework Trenches / Excavations

8 CCR 341.1 (f) REQUIRES HOLDERS OF ANNUAL PERMITS TO PROVIDE NOTIFICATION TO THE DOSH OFFICE NEAREST THE PROJECT PRIOR TO COMMENCEMENT OF ANY WORK. THIS FORM IS PROVIDED FOR YOUR CONVENIENCE TO USE FOR SUCH NOTIFICATION. THIS FORM MAY BE FAXED TO THE NEAREST DOSH OFFICE TO COMPLY WITH THE ABOVE. PLEASE DO NOT MAIL DUPLICATE NOTIFICATION TO FOLLOW-UP FAX NOTIFICATION.

FAX DATA: FAXED TO ST CSHA DOSH DISTRICT OFFICE ON 1390 W 6th St ST CA 94102  
DOSH FAX NO. (415) 557-3070 BY \_\_\_\_\_

Company name: AF Shoring Environmental Field Phone: 916-940-9636  
Annual Permit Number: 97-901930 Office Phone: 916-966-2373  
Issuing Region: 4 Issuing District: 3  
Specific Activity Location: 1112 27th Ave No. of Employees: 40  
Major Cross Street: E. 14th St. Starting Date: 03-10-97  
City: CAFLTON Anticipated Completion Date: 03-14-97  
County: ALAMEDA ZIP 94601 High Voltage Lines in Proximity? No  Yes

INSTRUCTIONS: The appropriate item(s) must be completed and signed by a person knowledgeable about the project for each activity covered by a permit. Please fill in or check off the blanks where appropriate.

Scaffolding: Height \_\_\_\_\_ Metal \_\_\_\_\_ Wood \_\_\_\_\_ Wood over 60 Feet \_\_\_\_\_ Metal over 125 Feet \_\_\_\_\_  
Metal > 125 Feet or Wood > 60 Feet requires design by California Registered Civil Engineer & Plans at Site. (See 8 CCR 1644 (c)(7))

Description: \_\_\_\_\_

Falsework/Vertical Shoring Maximum Height \_\_\_\_\_ Maximum Span \_\_\_\_\_ Material \_\_\_\_\_

Description: \_\_\_\_\_

(See 8 CCR 1717)

Trenches/Vertical Shoring: Depth Range (Min/Max) 4/10' Width Range (Min/Max) 15' Total Length 40'  
Ground Protection Method: Shoring \_\_\_\_\_ Sloping  Trench Shield \_\_\_\_\_ Professional Engineer \_\_\_\_\_  
Underground Services Alert (USA) Number # 56662 (NORTH 1-800-642-2444/SOUTH 1-800-422-4133)  
Soil Analysis to be done? Yes \_\_\_\_\_ No  If No, You Must Slope 1.5 to 1.

Competent Person: The holder of an Annual Permit who is notifying the District of the commencement of a Trench and/or Excavation project shall designate a competent person in accordance with the requirements of 8 CCR Section 1504, 1541, and 1541.1.

Description: 1ST REMOVAL + BACKFILL

Ground protection methods for excavations deeper than 20 feet must be designed by a Registered Professional Engineer.  
8 CCR 1541.1, Appendix F.

I hereby certify that to the best of my knowledge the above information and assertions are true and correct and that I / the applicant have knowledge of and comply with the foregoing.

Signature: [Signature] 03-07-97

**PERMIT**

Permit Issued To  
 (Employer's Name, Address and Telephone No.)

E Schmidt Environmental  
 6509 Saticoy Street  
 San Nuys, CA 91406

(818) 786-5440

No. Headquarters  
 Date 12/26/96  
 Region 4  
 District 3  
 Tel. (818) 901-5403

of Permit T1-ANNUAL TRENCH/EXCAVATION

Pursuant to Labor Code Sections 6500 and 6502, this Permit is issued to the above-named employer for the projects described below.

Contractor's License Number		710784	Permit Valid through		December 31, 1997
Description of Project	Location Address	City and County	Anticipated Dates		
			Starting	Completion	
Various	Statewide		1/1/97	12/31/97	

**Permit is issued upon the following conditions:**

That the work is performed by the same employer. If this is an annual permit the appropriate District Office shall be notified, in writing, of dates and location of job site prior to commencement.

The employer will comply with all occupational safety and health standards or orders applicable to the above projects, and any other lawful orders of the Division.

That if any unforeseen condition causes deviation from the plans or statements contained in the Permit Application Form the employer will notify the Division immediately.

Any variation from the specification and assertions of the Permit Application Form or violation of safety orders may be cause to revoke the permit.

This permit shall be posted at or near each place of employment as provided in 8 CCR 341.4

Issued From	Received By	
Babcock	Bob Low	
Cash	Amount	Date
Check 8186	\$100.00	12/26/96

Investigated by \_\_\_\_\_  
 Safety Engineer \_\_\_\_\_ Date \_\_\_\_\_  
 Approved by *R. Low* \_\_\_\_\_  
 Permit Unit \_\_\_\_\_ Date 12/28/96

**FIRE PREVENTION BUREAU**

421 - 14th Street, Oakland California  
94612  
510-238-3851

*Or Remove Inflammable Liquid Tanks*

Oakland, California February 27, 1997

Tank Permit Number: 32-97

**Permission Is Hereby Granted To:**

Remove Gasoline and Diesel

**Tank And Excavate Commencing:**

Feet Inside: property

Line.

**On The:** south side of 29th Ave., 200 feet west of E. 14th St.

**Site Address:** 1112 29th Ave.

**Present Storage:** (1) diesel and (1) gas tank

**Owner:** CALTRANS District 4

**Address:** 111 Grand Ave., Oakland, 94623

**Phone:** 286-4495

**Applicant:**A.E. Schmidt Environmental

**Address:** 16509 Saticoy St., Van Nuys, 91406

**Phone:**

**Dimensions Of Street (sidewalk) Surface To Be Disturbed :**

X

**No. Of Tanks** 2

**Capacity** (1) @ 4000 and (1) Gallons, Each @ 2000 gal.

**Remarks**

This Permit Is Granted In Accordance With Existing City Ordinances. Owner Hereby Agrees To Remove Tanks On Discontinuance Of Use Or When Notified By The City Authorities When Installing, Removing Or Repairing Tanks, No Open Flame To Be On Or Near Premises.

**CERTIFICATE OF TANK AND EQUIPMENT INSPECTION**

**Tank Removal: Inspected And Passed On:** \_\_\_\_\_

**Approved:** \_\_\_\_\_

**By:** \_\_\_\_\_

**Tank Installations:**

**Inspection Fee Paid:** \$ 200.00

**Pressure Test: Inspected By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Received By:** S. Smith Ck#3607 Rec#751546

**Primary Piping Test: Inspected By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Secondary Containment & Sump Testing:**

**Inspected By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Final: Inspected By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

*Before Covering Tanks, Above Certification Must Be Signed When Ready For Inspection Notify Fire Prevention Bureau 238-3851*

**THIS PERMIT MUST BE LEFT ON THE WORK SITE AS AUTHORITY THEREFORE**

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
 DEPARTMENT OF ENVIRONMENTAL HEALTH  
 ENVIRONMENTAL PROTECTION DIVISION  
 1131 HARBOR BAY PARKWAY, RM 250

ALAMEDA, CA 94502-6577  
 PHONE # 510/567-6700  
 FAX # 510/337-9335

*Barney*  
 Project Specialist

*2/24/97 OR b/c*

**ACCEPTED**

Underground Storage Tank Closure Permit Application  
 Alameda County Division of Hazardous Materials  
 1131 Harbor Bay Parkway, Suite 250  
 Alameda, CA 94502-6577

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 project proposed herein 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 alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspections 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 acceptance plans and all applicable laws and regulations.

97 FEB 13 AM 8:57  
 NOT OBTAINING THESE INSPECTIONS  
 Contact Specialist:

ENVIRONMENTAL PROTECTION

**UNDERGROUND TANK CLOSURE PLAN**

\* \* \* Complete according to attached instructions \* \* \*

1. Name of Business CALTRANS DISTRICT #4  
 Business Owner or Contact Person (PRINT) MIKE HILLIARD
2. Site Address 1112 29<sup>TH</sup> AVENUE  
 City OAKLAND Zip 94601 Phone 510-251-3146
3. Mailing Address 1112 29<sup>TH</sup> AVENUE  
 City OAKLAND Zip 94601 Phone 510-261-3146
4. Property Owner CALTRANS DISTRICT #4  
 Business Name (if applicable) MIKE HILLIARD  
 Address 111 GRAND AVE  
 City, state OAKLAND CA Zip 94623
5. Generator name under which tank will be manifested  
CALTRANS DISTRICT #4, 111 GRAND AVE, OAKLAND CA 94623  
 EPA ID# under which tank will be manifested CA 29820-29324



6. Contractor AE SCHMIDT ENVIRONMENTAL  
Address 16509 SATEICOY ST.  
City VAN NUYS CA Phone 818-784-2373  
License Type\* A. HAZ. ID# 710784

\*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.

7. Consultant (if applicable) \_\_\_\_\_  
Address \_\_\_\_\_  
City, State \_\_\_\_\_ Phone \_\_\_\_\_

8. Main Contact Person for Investigation (if applicable)  
Name \_\_\_\_\_ Title \_\_\_\_\_  
Company \_\_\_\_\_  
Phone \_\_\_\_\_

9. Number of underground tanks being closed with this plan TWO  
Length of piping being removed under this plan TWENTY FEET  
Total number of underground tanks at this facility (\*\*confirmed with owner or operator) TWO

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

\*\* Underground storage tanks must be handled as hazardous waste \*\*

a) Product/Residual Sludge/Rinsate Transporter  
Name UNIVERSAL ENVIRONMENTAL Inc EPA I.D. No. CA 00006275  
Hauler License No. 3240 License Exp. Date 12/31/99  
Address 1448 PARK ROAD  
City BANICIA State CA Zip 94510

b) Product/Residual Sludge/Rinsate Disposal Site  
Name SEAPORT ENVIRONMENTAL EPA ID# N/A  
Address 675 SEAPORT BLVD  
City REDWOOD CITY State CA Zip 94063

c) Tank and Piping Transporter

Name UNIVERSAL ENVIRONMENTAL INC. EPA I.D. No. CAD0000061275  
Hauler License No. 3240 License Exp. Date 12/31/97  
Address 1898 PARK ROAD  
City BENICIA State CA Zip 94510

d) Tank and Piping Disposal Site

Name ERICKSON INC. EPA I.D. No. CAD009466392  
Address 255 PARK BLVD  
City RICHMOND State CA Zip 94801

11. Sample Collector

Name JANET TUBBS  
Company A E SCHMIDT ENVIRONMENTAL  
Address 16509 SATICOY STREET  
City VAN NUYS State CA Zip 91406 Phone 818-786-2373

12. Laboratory

Name ADVANCED TECHNOLOGY LABORATORIES (ATL)  
Address 1510 E 33<sup>RD</sup> STREET  
City SIGNAL HILL State CA Zip 90807  
State Certification No. ELAP 1838

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

If yes, describe. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Describe methods to be used for rendering tank's inert:

All associated piping will be back flushed into the UST's  
all product + residue from the UST's will be removed +  
A minimum of 15 lbs Dry Ice per 1,000 Gal UST capacity  
will be insured into the UST

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 permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.

15. Tank History and Sampling Information \*\*\* (see instructions) \*\*\*

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
4,000 Gallon	IN USE DIESEL UST	SOIL SAMPLE	SOIL SAMPLES WILL BE TAKEN A MINIMUM OF 2' BELOW THE INLET OF THE UST'S WITHIN NATIVE SOIL AT EACH END OF TANK SAMPLES TAKEN BENEATH THE DISPENSERS WILL BE TAKEN A MINIMUM OF 2' FT. BELOW PIPING AND WITHIN NATIVE SOIL
2,000 Gallon	IN USE GAS UST (lead or unlead)	SOIL SAMPLE	

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

**Excavated/Stockpiled Soil**

<p>Stockpiled Soil Volume (estimated)</p> <p>Stockpile #1 Associated with Diesel UST = 36.1 cubic yards</p> <p>Stockpile #2 Associated with Gas UST = 20.7 cubic yards</p>	<p>Sampling Plan</p> <p>ONE (1) Sample per 25 cubic yards.</p>
--	--

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

Will the excavated soil be returned to the excavation immediately after tank removal? [ ] yes [X] no [ ] unknown

If yes, explain reasoning \_\_\_\_\_

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling operations.

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPH d	mod 8015		1ppm
TPH g	mod 8015		1ppm
BTEX	8020		0.005
MTBE	8020 or 8240		0.005
<del>Organic or Total lead</del>	<del>AA or ICAP</del>		

- 18. Submit Worker's Cow ration Certificate copy
- Name of Insurer STATE FUND #044-95 MIT 0014BIF
- 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 written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.
- 22. Submit a closure report to this office within 60 days of the tank removal. The report must contain all information listed in item 22 of the instructions.
- 23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that 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 approval from the Environmental Protection Division 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 personal 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.

CONTRACTOR INFORMATION

Name of Business AE SCHWIND ENVIRONMENTAL

Name of Individual CHRIS THURTON

Signature [Signature] Date 02-09-97

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (circle one)

Name of Business DEPT OF TRANSPORTATION

Name of Individual Tom Thomas

Signature [Signature] for Tom Thomas Date 2-7-97

T.O. 04-437937-64 - 50 Oakland Ms.

DAY OR NIGHT  
TELEPHONE  
510) 235-1393

CERTIFICATE  
CERTIFIED SERVICES COMPANY  
255 Parr Boulevard - Richmond, California 94801

NO. 23158

CUSTOMER  
A. E. SCHMIDT  
JOB NO.  
870242

FOR: ERICKSON, INC. TANK NO. 19741

LOCATION: RICHMOND DATE: 07/03/84 TIME: 14:00

TEST METHOD VISUAL GASTECH-1014 SMPN LAST PRODUCT F

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 permissible 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 than 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.

Francis A. Angelo  
REPRESENTATIVE

TITLE

Dave Sato  
INSPECTOR

DAY OR NIGHT  
TELEPHONE  
(510) 235-1393

# CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

## NO. 23164

CUSTOMER  
A.E. SCHMIDT  
JOB NO.  
970242

FOR: ERICKSON, INC. TANK NO. 18702

LOCATION: RICHMOND DATE: 07/03/24 TIME: 14:05

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT LS

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 permissible 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 than 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.

Francis A. Chapp  
REPRESENTATIVE

TITLE

Dave Sefo  
INSPECTOR

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

970242

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA1093210219132A	Manifest Document No. 1171141	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address DEPT. OF TRANSPORTATION 112 29th AVE OAKLAND, CA 94601			A. State Manifest Document Number 96417141		
4. Generator's Phone (570) 262-3146			B. State Generator's ID WAH0360V17630		
5. Transporter 1 Company Name ERICKSON INC		6. US EPA ID Number CA00015466392		C. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (570) 235-1393	
9. Designated Facility Name and Site Address Erickson, Inc. 255 Parr Blvd. Richmond, CA. 94801			10. US EPA ID Number CA0009466392		E. State Facility's ID
					F. Facility's Phone (570) 235-1393
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)					L. Waste Number
a. UN-RCA Hazardous Waste Solid Waste Empty Storage Tanks					State EPA/Other
b.					State EPA/Other
c.					State EPA/Other
+ 3 DISPENSERS + PIPING					State EPA/Other
12. Containers No. Type			13. Total Quantity		14. Unit Wt/Vol
a. 2 EP 26000 P					
15. Additional Descriptions for Materials Listed Above Qty 2 Empty Storage Tank(s) 1979/19792 Tank(s) have been inerted with 15 lbs Dry Ice Per 1000 Gallon Capacity			K. Handling Codes for Wastes Listed Above 01/99		
15. Special Handling Instructions and Additional Information Keep away from sources of ignition. Always wear haz mats when working around! U.S.T.'s 24 Hr. Contact Name: G. THOMAS & Phone: (570) 286-0315 TO: 43X939-65 CHRISTHXTON, AE SCHMIDT ERICONTL (618) 786-7373					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name G. Thomas		Signature G. Thomas		Month Day Year 03/11/97	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name DENNIS D. ESTEP		Signature Dennis D. Estep		Month Day Year 03/11/97	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name DANIO STO					
Signature DANIO STO				Month Day Year 03/14/97	

DO NOT WRITE BELOW THIS LINE.



3. Generator's Name and Mailing Address  
DEPT. OF TRANSPORTATION  
1112 24th AVE  
OAKLAND CA 94601  
4. Generator's Phone (510) 261-3146

ATTN: G. Thomas

5. Transporter 1 Company Name  
ERICKSON, INC.

6. US EPA ID Number

7. Transporter 2 Company Name

CAID 0109456332  
8. US EPA ID Number

9. Designated Facility Name and Site Address  
EVERGREEN OIL CO.  
6880 SMITH AVENUE  
NEWARK, CA 94560

10. US EPA ID Number

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

a. NON-FLAMMABLE Hazardous Waste Liquids  
Used Oil

12. Containers  
No. Type

13. Total Quantity

14. Unit Wt/Vol

001 TT 0.135 G

12. Container No. Type

15. Special Handling Instructions and Additional Information

24 Hour Contact (510) 286-0315 - Ask For Tom Thomas

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name  
G. THOMAS

Signature  
G. Thomas

Month Day Year  
03/11/97

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name  
ALFRED DAVIS

Signature  
Alfred Davis

Month Day Year  
03/11/97

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name  
Discrepancy Indication Space

Signature

Month Day Year

19. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 15

Printed/Typed Name  
MARIO SUAREZ

Signature  
Mario Suarez

Month Day Year  
03/11/97

DO NOT WRITE BELOW THIS LINE.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CAD 98 202932484583</b>	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address <b>DEPART OF TRANSPORTATION 1112 - 29th AV OAKLAND, CA 94601</b>		ATTN: G THOMAS		95784583	
4. Generator's Phone <b>(510) 261-3146</b>		5. Transporter 1 Company Name <b>ERICKSON INC.</b>		6. US EPA ID Number <b>CA 00094662912</b>	
7. Transporter 2 Company Name		8. US EPA ID Number		9. Designated Facility Name and Site Address <b>EVERGREEN OIL CO. 6880 SMITH AVENUE NEWARK, CA 94560</b>	
10. US EPA ID Number		11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	
				13. Total Quantity	
				14. Unit Wt/Vol	
		<b>"NON-RCRA HAZARDOUS WASTE LIQUIDS USED OIL</b>		<b>0011 + 00731 G</b>	
				<b>NONE</b>	
J. Additional Descriptions for Materials Listed Above <b>USED OIL</b>		K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information <b>24 HOUR CONTACT (510) 286-0315, G. THOMAS 818 786-237 T.O. 43x939-65 CHRIS THIXTON, KE SCHMIDT ENVIRO.</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <b>W. HULLIACW</b>		Signature <i>[Signature]</i>		Month Day Year <b>03/11/97</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>ALFREO DAVIS</b>		Signature <i>[Signature]</i>		Month Day Year <b>03/11/97</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name <b>Vic Jesus</b>		Signature <i>[Signature]</i>		Month Day Year <b>03/11/97</b>	

GENERATOR

TRANSPORTER

FACILITY

DO NOT WRITE BELOW THIS LINE.

*Advanced Technology*  
*Laboratories*

March 13, 1997

ELAP No.: 1838

A.E. Schmidt Environmental  
16509 Saticoy Street  
Van Nuys, CA 91406

ATTN: Mr. Chris Thixton

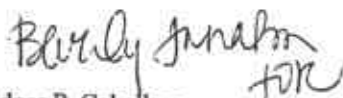
Client's Project: Caltrans Maintenance Yard  
Lab No.: 16222-001/008

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (310) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

  
Edgar P. Caballero  
Laboratory Director  
EPC/ms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.



16509 SATICOY STREET  
VAN NUYS, CALIFORNIA 91406  
(818)-786-2373

CHAIN OF CUSTODY RECORD

DATE: 3-11-97 PAGE: 1 of 1

CLIENT:			ANALYSES/PARAMETERS													TURN AROUND TIME				NUMBER OF CONTAINERS
PROJECT NAME: maintenance yard			418.1	8020 /MTBE	8015	8015m (GAS)	8015m (DIE)	7420	8010	8080	8240	8260	CAM 17	24hrs.	48hrs.	1week	normal			
LOCATION: 1112 29th AVE														<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
PROJECT MGR: CWS Thixton			OBSERVATIONS/COMMENTS																	
SAMPLER: Lobiz C Ruff																				
SAMPLE IDENTIFICATION	DATE	TIME																		
CAL-OAK-STP 1	3-11-97	15:20	X		X	X	X													
CAL-OAK-STP 2	↓	15:25	X		X	X	X													
CAL-OAK-STP 3		15:33	X		X	X	X													
CAL-OAK-STP 4		15:35	X		X	X	X													
CAL-OAK-UWL-N		16:00	X		X	X	X													
CAL-OAK-UWL-S		16:20	X		X		X													
CAL-OAK-DIS-N		16:40	X			X														
CAL-OAK-DIS-S		16:46	X			X														

RELINQUISHED BY: Rozie C Ruff	SIGNATURE <i>Rozie C Ruff</i>	COMPANY A.E. SCHMIDT ENVIRONMENTAL	DATE 3-11-97	TIME	TOTAL NUMBER OF CONTAINERS → 8
RECEIVED BY: Diane Galvan	SIGNATURE <i>Diane Galvan</i>	COMPANY ATL	DATE 3-12-97	TIME 17:45	METHOD OF SHIPMENT
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIPMENT HANDLING OR STORAGE INSTRUCTIONS
RECEIVED BY:	SIGNATURE	COMPANY	DATE	TIME	

Attn: Mr. Chris Thixton

Client's Project: Caltrans Maintenance Yard

Date Received: 03/12/97

Matrix: Soil

Date Amended: 03/13/97 & 04/16/97

METHOD 8015M (Gasoline)/EPA 8020 (BTEX)

Lab No.:	Method Blank		16222-001	16222-002	16222-003	16222-004	16222-005	16222-006	16222-007	16222-008	16222-008D											
Client Sample I.D.:	-		CAL-OAK-STP-1	CA-OAK-STP-2	CAL-OAK-STP-3	CAL-OAK-STP-4	CAL-OAK-UNL-N	CAL-OAK-UNL-S	CAL-OAK-DIS-N	CA-OAK-DIS-S	CA-OAK-DIS-S											
Date Sampled:	-		03/11/97	03/11/97	03/11/97	03/11/97	03/11/97	03/11/97	03/11/97	03/11/97	03/11/97											
QC Batch #:	1978G20S073		1978G20S073	1978G20S073	1978G20S073	1978G20S073	1978G20S073	1978G20S073	1978G20S073	1978G20S073	1978G20S073											
Date Analyzed:	03/13/97		03/13/97	03/13/97	03/13/97	03/13/97	03/13/97	03/13/97	03/13/97	03/13/97	03/13/97											
Analyst Initials:	RL		RL	RL	RL	RL	RL	RL	RL	RL	RL											
Dilution Factor:	1		1	1	1	1	80	1	1	1	1											
Analyte	MDL	Units	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
TPH (Gas)	1	mg/kg	1	ND	1	2.3	1	2.4	1	4.4	1	1.2	50	380	1	ND	1	NA	1	NA	1	NA
Benzene	5	ug/kg	5	ND	5	ND	5	ND	5	ND	5	ND	250	1650	5	75	5	ND	5	ND	5	ND
Toluene	5	ug/kg	5	ND	5	ND	5	15	5	ND	5	ND	250	11880	5	ND	5	ND	5	ND	5	ND
Ethylbenzene	5	ug/kg	5	ND	5	7.2	5	5.4	5	11	5	ND	250	8040	5	10	5	ND	5	ND	5	ND
Xylenes (total)	5	ug/kg	5	ND	5	145	5	76	5	280	5	43	250	48880	5	ND	5	ND	5	ND	5	ND
Methyl tert-Butyl Ether	5	ug/kg	5	ND	5	293	5	125	5	ND	5	62	250	9150	5	380	5	112	5	41	5	33

Lab No.:	LCS			
Client Sample I.D.:	-			
Date Sampled:	-			
QC Batch #:	1978G20S073			
Date Analyzed:	03/13/97			
Analyst Initials:	RL			
Dilution Factor:	1			
Analyte	MDL	Units	%Rec.	Limits
TPH (Gas)	1	mg/kg	107	50-150
Benzene	5	ug/kg	84	50-150
Toluene	5	ug/kg	110	50-150
Ethylbenzene	5	ug/kg	104	50-150
Xylenes (total)	5	ug/kg	125	50-150
Methyl tert-Butyl Ether	5	ug/kg	80	50-150

MDL - Method Detection Limit  
 ND - Not Detected, (Below DLR)  
 DLR - MDL x Dilution Factor  
 NA - Not Analyzed

Reviewed/Approved By: \_\_\_\_\_



Yun Pan  
 Department Supervisor

Date: 4/18/97

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\5\METHODS\8025EXT.M  
 Title : 8015GAS/ 8020(BTXE)  
 Last Update : Thu Mar 13 11:28:57 1997  
 Response via : Initial Calibration

Non-Spiked Sample: I97B4547.D

Spike  
Sample

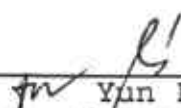
Spike  
Duplicate Sample

File ID : I97S4558.D	I97S4559.D
Sample : Blank 3ppm MS Gas (+BTEX) SOIL	Blank 3ppm MSDGas (+BTEX) SOIL
Acq Time: 13 Mar 97 02:31 PM	13 Mar 97 02:56 PM

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC RPD	Limits % Rec
Gasoline (mg/kg)	ND	3	3	3	91	88	3	12	47-140
Benzene #2 (ug/kg)	ND	48	32	33	67	69	3	12	66-121
Toluene #2 (ug/kg)	ND	255	227	220	89	86	3	14	62-127

QC Batch #: I978G20S073

Reviewed and Approved by:

  
 Yun Pan  
 Organics Supervisor

Date:

3/13/97

Client: A.E. Schmidt Environmental

Attn: Mr. Chris Thixton

QC Batch #: F978015DS150

Date Sampled: 03/11/97

Date Received: 03/12/97

Date Extracted: 03/13/97

Date Analyzed: 03/13/97

Client's Project: Caltrans Maintenance Yard

Matrix: Soil

Extraction Method: 3550

Extraction Material: Methylene

Analyst Initials: DC

Date Amended: 03/14/97

Chloride

Method 8015M/TPH (Diesel)

Lab No.:	Sample ID:	Results, mg/kg	DLR, mg/kg	Dilution Factor
Method Blank	---	ND	1.0	1
16222-001	CAL-OAK-STP 1	18*	1.0	1
16222-002	CAL-OAK-STP 2	33	1.0	1
16222-003	CAL-OAK-STP 3	20	1.0	1
16222-004	CAL-OAK-STP 4	18	1.0	1
16222-007	CAL-OAK-DIS-N	4.9	1.0	1
16222-008	CAL-OAK-DIS-S	21	1.0	1
16222-008D	CAL-OAK-DIS-S	18	1.0	1
		%Recovery	Limits	
LCS	-----	111	50-150	1

MDL = Method Detection Limit  
ND = Not Detected (Below DLR).  
DLR = MDL X Dilution Factor

\* Sample contains hydrocarbons heavier than diesel however quantitation is based on diesel standard.

Reviewed/Approved By: for Yun Pan  
Department Supervisor

Date: 3/14/97

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report - SOIL(mg/kg)

Method : C:\HPCHEM\5\METHODS\DIESEL.M  
 Title : Diesel  
 Last Update : Thu Mar 13 09:30:52 1997  
 Response via : Initial Calibration

Non-Spiked Sample: F9701639.D

Spike  
Sample

Spike  
Duplicate Sample

File ID : F97S1647.D	F97S1648.D
Sample : 16222-7MS 30G-1ML E-3/13/97	16222-7MSD 30G-1ML E-3/13/97
Acq Time: 13 Mar 97 12:54 PM	13 Mar 97 01:15 PM

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD % Rec
Diesel	146	100	212	217	66	71	7	50   50-150

QC Batch # : F978015DS150

Reviewed/Approved by:

*Yun Pan*  
 Yun Pan  
 Organics Supervisor

Date:

3/13/97



Client: A.E. Schmidt Environmental  
Attn: Mr. Chris Thixton

Client's Project: Caltrans Maintenance Yard

Date Received: 03/12/97

Date Sampled: 03/11/97

Lab No.	Sample ID.	Analysis	Date Analyzed	Results	Matrix, Units	MDL	DLR	Analyst
16222-001	CAL-OAK-STP 1	EPA 7420 (Lead)	03/13/97	8.7	Soil, mg/kg	5.0	5.0	DJ
16222-002	CAL-OAK-STP 2	EPA 7420 (Lead)	03/13/97	ND	Soil, mg/kg	5.0	5.0	DJ
16222-003	CAL-OAK-STP 3	EPA 7420 (Lead)	03/13/97	ND	Soil, mg/kg	5.0	5.0	DJ
16222-004	CAL-OAK-STP 4	EPA 7420 (Lead)	03/13/97	ND	Soil, mg/kg	5.0	5.0	DJ
16222-005	CAL-OAK-UNL-N	EPA 7420 (Lead)	03/13/97	ND	Soil, mg/kg	5.0	5.0	DJ
16222-006	CAL-OAK-UNL-S	EPA 7420 (Lead)	03/13/97	ND	Soil, mg/kg	5.0	5.0	DJ

MDL = Method Detection Limit  
ND = Not Detected (Below DLR)  
DF = Dilution Factor (DLR/MDL)

Reviewed/Approved By: Cheryl De Los Reyes  
Cheryl De Los Reyes  
Department Supervisor

Date: 3/13/97

The cover letter is an integral part of this analytical report.





Testing Engineers, Inc.

PROJECT NO: 38737		TYPE OF INSPECTION		PLACE OF INSPECTION	
PROJECT NAME: Caltrans Dist. 4 Maintenance Yard 29th Ave-Oakland		Nuclear Density		Jobsite	
		WORK REQUEST: H5962		ZONE:	
DATE:	3-12-97				
URS:	9				
SUPERVISOR:	Griffiths				

Reported to: Robbie Ratliff Company: A E Schmidt  
 Nature: Diesel Tank and unleaded tank backfill  
 Field Test Procedure: ASTM D2922 & D3017 Lab Test Procedure: ASTM D1557

MATERIAL DESCRIPTION	MOIST.	MAX. DENSITY	LAB REF. #
3/4" CL 2 (AB) Recycle	8.8%	127.4 pcf	SC346

FIELD TEST RESULTS						
Location	Elev.	Curve No.	Field Dens. pcf	Field Moist. %	Rel. Comp. %	Proj. Spec. %
Diesel Tank n/w corner	-4' exstng srfc	1	114.8	8.6	90	90
Diesel Tank s/w corner	"	1	119.5	8.6	94	90
Diesel Tank S end @ center	"	1	112.0	10.1	88*	90
Retest of test #3	"	1	123.8	9.5	98	90
Diesel Tank @ s/w crnr	-2 1/2 exsurfc	1	117.5	9.0	93	90
Diesel Tank @ n/e crnr	"	1	127.7	9.3	100+	90
Unleaded tank @ s/w crnr	-2" exsurfc	1	117.7	7.5	93	90
Unleaded tank @ s/e crnr	"	1	118.5	7.8	93	90
Unleaded tank @ N end @ cntr	"	1	122.5	8.6	96	90

\* BELOW PROJECT SPECIFICATIONS

NOTE: Test results constitute the reporting of factual information derived from test(s) made by our laboratory following prescribed procedures. These test results should not be considered as an engineering opinion with respect thereto.

Reviewed by Terry R. Chiccino  
 Terry R. Chiccino, Soils/Asphalt  
 Field Operations Manager

Company: A E Schmidt Environmental

Richmond, California  
Soil Recycling Facility

# TPS TECHNOLOGIES INC.

Soil Data and Certification Sheet

Date: \_\_\_\_\_

Generator/Client: DEPARTMENT OF TRANSPORTATION

Consultant: Allied Waste Services, Inc.

Mailing Address: PO BOX 23660  
OAKLAND, CA 94623-0660

Address: 77 Mark Dr., Suite 21  
San Rafael, CA 94903

Phone: (510) 286-4509

Phone: 800 989 3478

Contact Name: MANUEL MIRANDA

Contact Name: LOUIS ROSENBAUM

Fax: (510) 286-4482

Fax: 415 479 5013

Site Name: SOUTH OAKLAND MAINT. STA.

Testing Lab: ATL

Address: 1112 29th Avenue

State Certification No:

OAKLAND, CA 94601

Address: 1510-E 33rd St  
Signal Hill, CA 90807

Phone: (510) 261-3146

Phone: 310-989-4043

Contact Name: G. THOMAS

Contact Name: Cheryl

Fax:

Fax: 310-989-4040

### SITE HISTORY

Type of Contamination:  unleaded  leaded gas, diesel, waste oil, coal tar, etc. ASPHALT

Est. Qty. (Tons): 75 TONS

Source of Contamination:  Leaking Tank  Spill  Other

Sampling Procedure:  Stockpile  In-situ

Please attach a map of sample location(s)

Please check appropriate box below and attach all required analytical reports. Unless otherwise noted, composite samples should be collected with the following frequency: 1 sample for 100 cu. yds. or less; 3 samples for 500 cu. yds. or less; 5 samples for 1,000 cu. yds. or less; and an additional 1 sample for each additional 500 cu. yds. greater than 1,000 cu. yds.

I/We certify that the soil referenced herein is contaminated solely by virgin petroleum products from leaking underground storage tank(s) at a non-industrial site.

I/We certify that some or all of the contaminants in the soil referenced herein is waste oil or some other non virgin petroleum product or virgin petroleum product from something other than a leaking underground storage tank. Attached is analytical data from a state-certified lab for the following:

Attached is analytical data from a state-certified lab for the following:  
I. Total Petroleum Hydrocarbons (TPH, EPA mod. Method 8015)

- I. Total metals concentration for a) through q) below (TTLIC test)
 

a) Antimony	g) Cobalt	m) Selenium
b) Arsenic	h) Copper	n) Silver
c) Barium	i) Lead	o) Thallium
d) Beryllium	j) Mercury	p) Vanadium
e) Cadmium	k) Molybdenum	q) Zinc
f) Chromium	l) Nickel	

II. Benzene/Toluene/Ethylbenzene/Xylene (BTEX, EPA Method 8020)

NOTE: If the total metals concentration for any item a) thru q) is greater than 10 times its Soluble Threshold Limit Concentration (STLC), the soluble metal concentration must be determined

NOTE: For contamination from leaded petroleum products or from an industrial site, the following additional testing is required:

- II. TPH by either EPA Method 418.1 or EPA Modified Method 8015
- III. BTEX by EPA Method 8020
- IV. Total Organic Halogens (TOX) by EPA Method 8020 with a min. 10 ppm detection limit or EPA 8240 and 8260 (Acceptable substitutes for an 8240 are EPA Methods 8010 and 8260)
- V. Additional analytical data as required by the Waste Extraction Test (WET) Procedure

III. Total lead (EPA 7420 or 7421)

IV. Additional analytical data as required.

No soils referenced herein may be delivered until the foregoing certificate is received and approved by TPST, and TPST issues manifests and assigns a delivery date. If any soils delivered to TPST are found to be "hazardous waste" pursuant to federal or state regulations, Client shall be solely responsible for their removal. If Client fails to so remove such soils, TPST, acting as Client's agent, may arrange for such removal at Client's expense.

This is a complete and accurate description of the soil referenced herein; no deliberate or willful omissions have been made and all known or suspected hazards have been disclosed herein. I/We certify that the soil is not "hazardous" as defined by U.S. Department of Transportation (DOT), U.S. Environmental Protection Agency (EPA), State or local regulations. I/We further certify that the soils referenced herein contain no free liquids. All required analysis reports are attached.

Company Authorized Signature Type (Please check one):  Engineer/Environmental Firm

Generator

Authorized Signatory: Manuel Miranda

Date: 3-13-97

77 Mark Drive  
Suite 21  
San Rafael CA 94903

Log Number:

800 989 3478  
415 492 9030  
(Fax) 415 479 5013

NON-HAZARDOUS MANIFEST

GENERATOR

Generator Name	CAL TRANS DISTRICT #4	Location	Cal Trans Maintenance Yard
Address	111 GRAND AVENUE	Address	1112 29th Avenue
	Oakland CA		Oakland CA
Phone No.			

Approval Number <b>A04 00109</b>	Gross Weight (Pounds) <b>77460</b>	Net Weight (Tons) <b>23.34</b>
Description of Material Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated	Tare Weight (Pounds) <b>30780</b>	
	Net Weight (Pounds) <b>46680</b>	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

*Ray H. [Signature]*      Generator Authorized Agent Name      Date **3-14-97**

TRANSPORTER

Transporter Name	LUTREL	Driver Name	<b>GERALD McCULLOCH</b>
Address	6315 SNOW RD.	Vehicle License No./State	<b>4R17243/CA</b>
	BAKERSFIELD CA 93308	Truck Number	<b>L-52</b>

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

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

*Gerald McCulloch 3-14-97*      Shipment Date      *Gerald McCulloch 3-14-97*      Delivery Date

DESTINATION

Facility Name	TPS Technologies	Phone No.	510 235 8778
Address	20 Recycling Lane		Richmond CA 94801

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

*[Signature]*      **Chevon L. Rice**      **3/14/97**

Signature      Authorized Agent Name      Receipt Date

# Manifest

## PS Technologies Soil Recycling Non-Hazardous Soils

Manifest # 1

Date of Shipment: <b>3/17/97</b>	Responsible for Payment: <b>Consultant</b>	Transporter Truck #: <b>L52 L52B</b>	Facility #: <b>A04</b>	Given by TPS: <b>00109</b>	Load #: <b>001</b>
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Generator's Name and Billing Address: <b>Cal Trans District #4 111 Grand Ave 14th Floor Oakland, CA 94601 USA</b>	Generator's Phone #: <b>(510) 286-4495</b>	Generator's US EPA ID No.:
	Person to Contact: <b>Mike Hillard</b>	
	FAX #: <b>(510) 286-4482</b>	Customer Account Number with TPS: <b>4TRANSC</b>

Consultant's Name and Billing Address: <b>Allied Waste Services Inc. 77 Mark Drive Suite 21 San Rafael, CA 94903 USA</b>	Consultant's Phone #: <b>(800) 394-7645</b>	
	Person to Contact: <b>Susan Reynolds</b>	
	FAX #: <b>(714) 283-0950</b>	Customer Account Number with TPS: <b>1002604</b>

Generation Site (Transport from): (name & address) <b>Cal Trans Maintenance Yard 1112-29th Avenue Oakland, CA 94601 USA</b>	Site Phone #:	BTEX Levels:
	Person to Contact:	TPH Levels:
	FAX #:	AVG. Levels:

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA</b>	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers:
	Person to Contact: <b>D. Murashima/C. Rice</b>	
	FAX #: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Lutrel Trucking 6315 Snow Road Bakersfield, CA 93308 USA</b>	Transporter's Phone #: <b>(805) 399-0246</b>	Transporter's US EPA ID No.:
	Person to Contact: <b>Randy</b>	Transporter's DOT No.:
	FAX #:	Customer Account Number with TPS: <b>4LUTREL</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>			7760	3070	4690
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					23.34

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: **Signature on file**      Generator  Consultant       Signature and date: \_\_\_\_\_      Month Day Year

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: **GERALD McCULLOCH**      Signature and date: **Gerald McCulloch**      Month Day Year: **03/14/97**

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: **C. Rice**      Signature and date: **C. Rice**      3/14/97

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.

# Allied Waste Services, Inc.

77 Mark Drive  
Suite 21  
San Rafael CA 94903

Log Number: \_\_\_\_\_

800 989 3478  
415 492 9030  
(Fax) 415 479 5013

## NON-HAZARDOUS MANIFEST

### GENERATOR

Generator Name CAL TRANS DISTRICT #4 Location Cal Trans Maintenance Yard

Address 111 GRAND AVENUE Address 1112 29th Avenue

Oakland CA Oakland CA

Phone No. \_\_\_\_\_

Approval Number

**A04 00109**

Gross Weight (Pounds)

71880

Tare Weight (Pounds)

30840

Net Weight (Pounds)

41040

Net Weight  
(Tons)

20.52

Description of Material

Non-Regulated Petroleum  
Contaminated Soil  
  
Non DOT/RCRA Regulated

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Signature

[Signature] Generator Authorized Agent Name

3-14-97 Date

### TRANSPORTER

Transporter Name LUTREL

Driver Name

GERALD McCULLOCH

Address 6315 SNOW RD

Vehicle License No./State

4R17243/CA

BAKERSFIELD CA 93308

Truck Number

L-52

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

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

Driver Signature

[Signature] Shipment Date

Driver Signature

[Signature] Delivery Date

### DESTINATION

Facility Name TPS Technologies

Phone No. 510 235 8778

Address 20 Recycling Lane

Richmond CA 94801

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

Signature

[Signature] Authorized Agent Name

3/14/97 Receipt Date

# Manifest

**TPS Technologies Soil Recycling**  
Non-Hazardous Soils

Manifest #

Date of Shipment: <b>3-14-97</b>	Responsible for Payment: <b>Consultant</b>	Transporter Truck #: <b>L521 L52E</b>	Facility #: <b>A04</b>	Given by TPS: <b>00109</b>	Load #: <b>002</b>
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Generator's Name and Billing Address: <b>Cal Trans District #4</b> <b>111 Grand Ave</b> <b>14th Floor</b> <b>Oakland, CA 94601</b> USA	Generator's Phone #: <b>(510) 286-4495</b>	Generator's US EPA ID No. <b>1</b>
	Person to Contact: <b>Mike Hillard</b>	
	FAX#: <b>(510) 286-4482</b>	Customer Account Number with TPS: <b>4TRANSC</b>

Consultant's Name and Billing Address: <b>Allied Waste Services Inc.</b> <b>77 Mark Drive</b> <b>Suite 21</b> <b>San Rafael, CA 94903</b> USA	Consultant's Phone #: <b>(800) 394-7645</b>	
	Person to Contact: <b>Susan Reynolds</b>	
	FAX#: <b>(714) 283-0950</b>	Customer Account Number with TPS: <b>1002604</b>

Generation Site (Transport from): (name & address) <b>Cal Trans Maintenance Yard</b> <b>1112-29th Avenue</b> <b>Oakland, CA 94601</b> USA	Site Phone #:	BTEX Levels
	Person to Contact:	ZPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) <b>TPS TECHNOLOGIES INC.</b> <b>20 Recycling Lane</b> <b>Richmond, CA 94801</b> USA	Facility Phone #: <b>510-235-8778</b>	Facility Permit Numbers
	Person to Contact: <b>D. Murashima/C. Rice</b>	
	FAX#: <b>510-231-4154</b>	

Transporter Name and Mailing Address: <b>Lutrel Trucking</b> <b>6315 Snow Road</b> <b>Bakersfield, CA 93308</b> USA	Transporter's Phone #: <b>(805) 899-0246</b>	Transporter's US EPA ID No.:
	Person to Contact: <b>Randy</b>	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS: <b>4LUTREL</b>

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>			71880	30540	41040
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>					
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>					
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>					20.52

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: <b>Signature</b>	Generator <input checked="" type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date: <b>AK</b>	Month Day Year: <b>03 14 97</b>
---	---	----------------------------------	------------------------------------

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: <b>GERALD MCGILLOCH</b>	Signature and date: <b>Gerald McGilloch</b>	Month Day Year: <b>03 14 97</b>
--	--	------------------------------------

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: <b>C. Rice</b>	Signature and date: <b>C. Rice</b>	Month Day Year: <b>3/14/97</b>
---------------------------------------	---------------------------------------	-----------------------------------

Please print or type.



# Allied Waste Services, Inc.

77 Mark Drive  
Suite 21  
San Rafael CA 94903

Log Number: \_\_\_\_\_

800 989 3478  
415 492 9030  
(Fax) 415 479 5013

## NON-HAZARDOUS MANIFEST

### GENERATOR

Generator Name **CAL TRANS DISTRICT #4** Location **Cal Trans Maintenance Yard**  
Address **111 GRAND AVENUE** Address **1112 29th Avenue**  
**Oakland CA** **Oakland CA**

Phone No. \_\_\_\_\_

Approval Number

**A04 00109**

Gross Weight (Pounds)

**38660**

Tare Weight (Pounds)

**21640**

Net Weight (Pounds)

**17020**

Net Weight (Tons)

**8.51**

Description of Material

Non-Regulated Petroleum  
Contaminated Soil

Non DOT/RCRA Regulated

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Signature

*[Signature]*  
Generator Authorized Agent Name

**3-14-97**  
Date

### TRANSPORTER

Transporter Name **LUTREL**

Driver Name

**GERALD McCULLOUGH**

Address

**6315 SNOW RD**

Vehicle License No./State

**4R17243**

**BAKERSFIELD CA 93308**

Truck Number

**L-52**

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

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

Driver Signature

Shipment Date

Driver Signature

Delivery Date

*[Signature]* **3-14-97**

*[Signature]* **3-14-97**

### DESTINATION

Facility Name

**TPS Technologies**

Phone No.

**510 235 8778**

Address

**20 Recycling Lane**

**Richmond CA 94801**

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

Signature

*[Signature]*  
Authorized Agent Name

**3/14/97**  
Receipt Date

# Manifest

## TPS Technologies Soil Recycling Non-Hazardous Soils

Manifest #

Date of Shipment: **3/17/97** Responsible for Payment: **Consultant** Transporter Truck #: **L521U52B** Facility #: **A04** Given by TPS: **00109** Load #: **003**

Generator's Name and Billing Address:  
**Cal Trans District #4**  
**111 Grand Ave**  
**14th Floor**  
**Oakland, CA 94601**  
USA

Generator's Phone #: **(510) 286-4495** Generator's US EPA ID No.  
Person to Contact: **Mike Hillard**  
FAX#: **(510) 286-4482** Customer Account Number with TPS: **4TRANSC**

Consultant's Name and Billing Address:  
**Allied Waste Services Inc.**  
**77 Mark Drive**  
**Suite 21**  
**San Rafael, CA 94903**  
USA

Consultant's Phone #: **(800) 394-7645**  
Person to Contact: **Susan Reynolds**  
FAX#: **(714) 283-0950** Customer Account Number with TPS: **1002604**

Generation Site (Transport from): (name & address)  
**Cal Trans Maintenance Yard**  
**1112-29th Avenue**  
**Oakland, CA 94601**  
USA

Site Phone #: BTEX Levels  
Person to Contact: TPH Levels  
FAX#: AVG. Levels

Designated Facility (Transport to): (name & address)  
**TPS TECHNOLOGIES INC.**  
**20 Recycling Lane**  
**Richmond, CA 94801**  
USA

Facility Phone #: **510-235-8778** Facility Permit Numbers  
Person to Contact: **D. Murashima/C. Rice**  
FAX#: **510-231-4154**

Transporter Name and Mailing Address:  
**Lutrel Trucking**  
**6315 Snow Road**  
**Bakersfield, CA 93308**  
USA

Transporter's Phone #: **(805) 399-0246** Transporter's US EPA ID No.  
Person to Contact: **Randy** Transporter's DOT No.  
FAX#: Customer Account Number with TPS: **ALUTREL**

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: **Gerardo McCulloch** Generator  Consultant  Signature and date: **Gerardo McCulloch** Month Day Year: **03/14/97**

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: **Gerardo McCulloch** Signature and date: **Gerardo McCulloch** Month Day Year: **03/14/97**

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: **C. Rice** Signature and date: **C. Rice** **3/14/97**

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type.