7020 Koll Center Parkway, Suite 134, Pleasanton, CA 94566 (510) 426-5395 FAX (510) 426-5391

Compliance & Closure, Inc.

January 18, 1996

Alameda County Health Department
Hazardous Materials Division
1131 Harbor Bay Parkway
Alameda, California 94502

Attention: Ms. Madhulla Logan

Subject: Fuel Tank Closure Report
265 30th Street, Oakland, California
(CCI Project No. 12058-1))

Dear Ms. Logan:

In Accordance with instructions from Mr. Warren Hagstrom, Compliance & Closure, Inc. is here by forwarding the December 1995 Fuel Tank Closure Report for the Property located at 265 30th Street, in the City of Oakland, Alameda County, California.

We would appreciate any comments you might have on this report. If you have any questions, please call me at (510) 426-5395.

Sincerely,
Compliance & Closure, Inc.

Gary R. Mulkey

Gary R. Mulkey, R.G. 5842

REGISTERED GEOLOGIST
GARY R.
MULKEY
NO. 5842
STATE OF CALIFORNIA

cc: Mr. Warren Hagstrom

FUEL TANK CLOSURE REPORT

265 30TH STREET, OAKLAND, CALIFORNIA

FOR

HAGSTROM PROPERTIES

ORINDA, CALIFORNIA

CCI PROJECT No. 12058-1

(December 1995)

FUEL TANK CLOSURE REPORT
265 30TH STREET, OAKLAND, CALIFORNIA

FOR

HAGSTROM PROPERTIES

Introduction

Compliance & Closure, Inc. (CCI) is pleased to present this Fuel Tank Closure Report for the removal of two underground storage tanks at the property located at 265 30th Street in the City of Oakland, Alameda County, California (Figure 1). This report has been prepared on behalf of Hagstrom Properties for submittal to Alameda County Health Agency. The report presents the procedures and results of the removal of the two 8,000-gallon underground fuel tanks at the subject site.

Pre-field Activity

CCI met at the site with Mr. Warren Hagstrom in late September 1995 to determine whether fuel tanks exist under the sidewalk area located along 30th Street at the subject site. CCI retained an underground locating service in an attempt to locate the exact placement of the fuel tanks and determine the number of fuel tanks. It was concluded that underground fuel tanks existed under the sidewalk area, however, the size of the tanks and quantity of tanks could not be determined. On behalf of Hagstrom Properties, CCI obtained bids to have the fuel tanks removed. Hagstrom Properties selected TAC Environmental Services (TAC) of Cordelia, California as the lowest responsive bidder. TAC submitted an Underground Tank Closure Plan to the Alameda County Health Agency and applied for an underground storage tank removal permit from the City of Oakland. The closure plan was approved by the County and permit No. 9972 was issued by the City on December 4, 1995. The approved closure plan and storage tank removal permit are attached in Appendix A.

The tank removal was scheduled for the first week in December 1995. Field work to uncover the tops of the fuel tanks began on November 30, 1995. Since the exact size of the fuel tanks was not known, it was assumed that there were at least two 550-gallon fuel tanks under the sidewalk area (Figure 2). After carefully exposing

the fill ports by removing the sidewalk and excavating down, it was determined that the fuel tanks were considerably larger than originally expected.

Field Procedures and Tank Removal

Prior to any further excavation; an attempt was made to determine if any product remained within of the two fuel tanks. The fill ports extended down approximately two feet, then elbowed out at approximately 30 degrees, then elbowed straight down into the top of the two tanks. It was determined that some product existed in both tanks, however, the pumping truck from Erickson Inc. required a straight fill pipe in order to remove the product. Additional excavation was done to expose the tops of the two tanks and the fill port elbows were removed. At this time it was estimated that the size of the tanks were approximately 8,000-gallons each and the top portion of the tanks appeared to be in good condition. Erickson removed approximately 400-gallons of tank rinsate under Uniform Hazardous Manifest No. 95592808 and removed it to a recycling facility in Patterson, California. The rinsate consisted of approximately 70 to 99 percent water, with the remainder being petroleum hydrocarbons.

Continued excavation of the two fuel tanks took place on December 4th, 5th and 6, 1995. The clean soil was separated from the soil with suspected petroleum contamination. A large concrete block was uncovered which separated the two fuel tanks. It appeared that the purpose of the concrete block was to separate and hold the two tanks in place. Soil contamination was noted mainly on the central and south sides of the excavation.

On December 7, the remainder of the fuel tanks were exposed. At this point, approximately 300 cubic yards of soil was removed and stockpiled at the site, under plastic sheeting. The tanks were then rinsed with a high pressure washer and the rinsate, approximately 500 gallons, was pumped into a vacuum truck and taken to Patterson, California under manifest No. 95592747. Two hundred pounds of dry ice were placed inside each tank. The Oakland Fire Department arrived to verify the lower explosive limit (LEL) and oxygen level inside each tank. The levels were reported at 3% LEL and 4.5% oxygen for tank No. 1 (southeast tank, Figure 2) and 2% LEL and 4.8% oxygen in tank No. 2 (northwest tank). The Fire Department gave authorization to remove the tanks. Upon removal, no apparent holes were observed in either tank. Both tanks were transported under Uniform Hazardous Waste Manifest (Permit No. 95893660) to Erickson, Inc. in Richmond, California for proper processing and final destruction. The hazardous waste manifest are included in Appendix B.

After the tanks were removed, Ms. Madhulla Logan from the Alameda County Health Agency (the County) requested that areas of obvious contamination be sampled from within the excavation prior to over-excavation of those areas. There appeared to be noticeable areas of contamination along the bottom of the excavation and to approximately 3 to 4 feet above the bottom, along the 30th Street side of the excavation. In addition, there was approximately 6-inches of standing water with a heavy sheen at the bottom of the excavation on the southeast side, apparently from recent rain.

Under the direction of the County, soil samples S-1, S-2, S-3 and S-4 were collected from areas under each end of the fuel tanks and in areas of what appeared to be soil contamination (Figure 2). A backhoe bucket was used to collect soil from the bottom of the excavation and bring it to the surface. The soil samples were labeled, logged on a chain-of-custody form and placed into a cooler containing ice for transport to a state-certified laboratory. Approximately 100 gallons of water and sludge were removed from the bottom of the excavation prior to over-excavating contaminated areas. The water and sludge were hauled under Manifest No. 95593077 to Patterson, California.

An additional 35 yards of soil were removed from the bottom of the excavation. The soil contamination along the northeast side wall which borders 30th Street, was left in place to avoid the possibility collapsing the street. Soil samples S-5 and S-6 were taken from over-excavated areas. All of the soil samples collected from the excavation were analyzed for total petroleum hydrocarbons as gasoline (TPHG), benzene, toluene, ethylbenzene and total xylenes (BTEX), total petroleum hydrocarbons as diesel (TPHD), using EPA Test Methods 8015 and 8020 and benzopyrene and naphthalene using EPA 8270 Test Method.

Laboratory Results

The laboratory reported soil samples S-3 to contain 6,700 parts-per-million (ppm) TPHG, S-1 to contain 390 ppm TPHG and 2 ppm TPHG in soil sample S-4. Soil samples S-2, S-5 and S-6 were all reported by the laboratory to be free of detectable TPHG. In addition, all six soil samples (S-1 through S-6) were reported by the laboratory to be free of detectable TPHD, benzene, benzopyrene and naphthalene. Small concentrations of toluene, ethylbenzene and total xylenes were detected in soil samples S-1, S-3 and S-4. The laboratory results are summarized in Table 1 and the laboratory reports are attached in Appendix C.

Excavation Backfill

The excavation was backfilled during December 1995. The stockpiled soil was sampled for disposal at an appropriate landfill. A total of 10 discrete soil samples were collected from the stockpiled soil and submitted to the laboratory for analysis of TPHG/BTEX, TPHD, Oil and Grease, R.C.I. (reactivity, corrosivity, and ignitability) and one sample for total lead. Copies of the laboratory reports on the stockpiled materials are also attached in Appendix C. The excavation was backfilled in mid-December, with approximately 5 to 6 feet of 3/4 - inch drain rock, then class 2 baserock to the surface. The sidewalk was repoured on December 27, 1995. The 20 yards of clean, stockpiled soil will be used to finish the slope from the sidewalk to the parking lot area at the subject site.

Conclusion and Recommendations

Based on data obtained during the fuel tank(s) excavation, visual observations, analytical laboratory results and conditions of the two fuel tanks upon their removal, it is CCI's opinion that some soil contamination has occurred at the site. The suspected source may be leakage in the product lines leading to the fuel dispenser located at the back of the existing building. The two fuel tanks were found to be in good condition, with no apparent holes and very minor corrosion. Some of the visually contaminated soil below the fuel tanks was removed from the bottom of the excavation. Due to the location of the excavation, with regard to the street and underground utilities, some of the sidewall soil contamination was left in place. The two soil samples collected from approximately 2 to 3 feet below the bottom of the fuel tanks were reported by the laboratory to be free of detectable petroleum hydrocarbons. The excavation has been back filled and recompacted with clean, imported, 3/4-inch drain rock and class 2 baserock. Photographs of the tank removal are attached in Appendix D.

CCI has also sampled the stockpiled soil at the site. There are currently approximately 335 cubic yards of soil. The laboratory data suggest this soil may qualify for disposal at a Class 3 landfill facility. CCI is currently working with Hagstrom Properties to dispose of this material. The stockpile laboratory data is summarized in Table 2.

CCI recommends that a few soil borings be drilled away from the former fuel tank excavation to define the extent of soil contamination.

TABLE 1

EXCAVATION SOIL ANALYSIS DATA

Sample No.	Date Sampled	Sample Depth (feet)	TPHD (ppm)	TPHG (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl Benzene (ppm)	Total Xylenes (ppm)	Benzopyrene (ppb)	Naphtalene (ppb)
S-1	12/07/95	13	<10	390	<0.005	2	1.4	5.1	<300	<300
S-2	12/07/95	13	<1	<1	<0.005	<0.005	<0.005	<0.005	<300	<300
S-3	12/07/95	13	<100	6700	<0.005	35	25	67	<3000	<3000
S-4	12/07/95	13	<1	2	<0.005	0.019	0.016	0.047	<300	<300
S-5	12/07/95	16	<1	<1	<0.005	<0.005	<0.005	<0.005	<300	<300
S-6	12/07/95	16	<1	<1	<0.005	<0.005	<0.005	<0.005	<300	<300

TPHD Total Petroleum Hydrocarbons as Diesel
TPHG Total Petroleum Hydrocarbons as Gasoline
ppm Parts per million
< Below laboratory detection limit
*N.D. Samples Analyzed for 8270, All Reported to Be Below The Lab Detection Limit
ppb Parts per billion

TABLE 2

STOCKPILED SOIL ANALYSIS DATA

Sample No.	Date Sampled	TPHD (ppm)	TPHG (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl Benzene (ppm)	Total Xylenes (ppm)	Oil & Grease (ppm)	pH*
SP-1	12/07/95	<1	1	<0.005	0.010	0.017	0.041	<20	8.35
SP-2	12/07/95	<1	<1	<0.005	<0.005	<0.005	<0.005	39	8.07
SP-3	12/07/95	<1	<1	<0.005	<0.005	<0.005	<0.005	<20	7.85
SP-4	12/07/95	<1	<1	<0.005	<0.005	<0.005	<0.005	<20	8.09
SP-5	12/07/95	<1	<1	<0.005	<0.005	<0.005	<0.005	<20	7.58
SP-6	12/07/95	<1	2	<0.005	<0.005	<0.005	0.011	<20	7.88
SP-7	12/07/95	<1	<1	<0.005	<0.005	<0.005	<0.005	<20	8.79
SP-8	12/07/95	<1	<1	<0.005	<0.005	<0.005	<0.005	<20	8.19
SP-9	12/07/95	<1	270	<0.005	1.6	0.80	1.5	55	8.18
SP-10	12/07/95	<1	3	<0.005	<0.005	0.012	0.022	<20	7.75

TPHD Total Petroleum Hydrocarbons as Diesel
TPHG Total Petroleum Hydrocarbons as Gasoline
ppm Parts per million
< Below laboratory detection limit
* R.C.I. data was conducted on soil samples and is attached in lab report

LEGEND

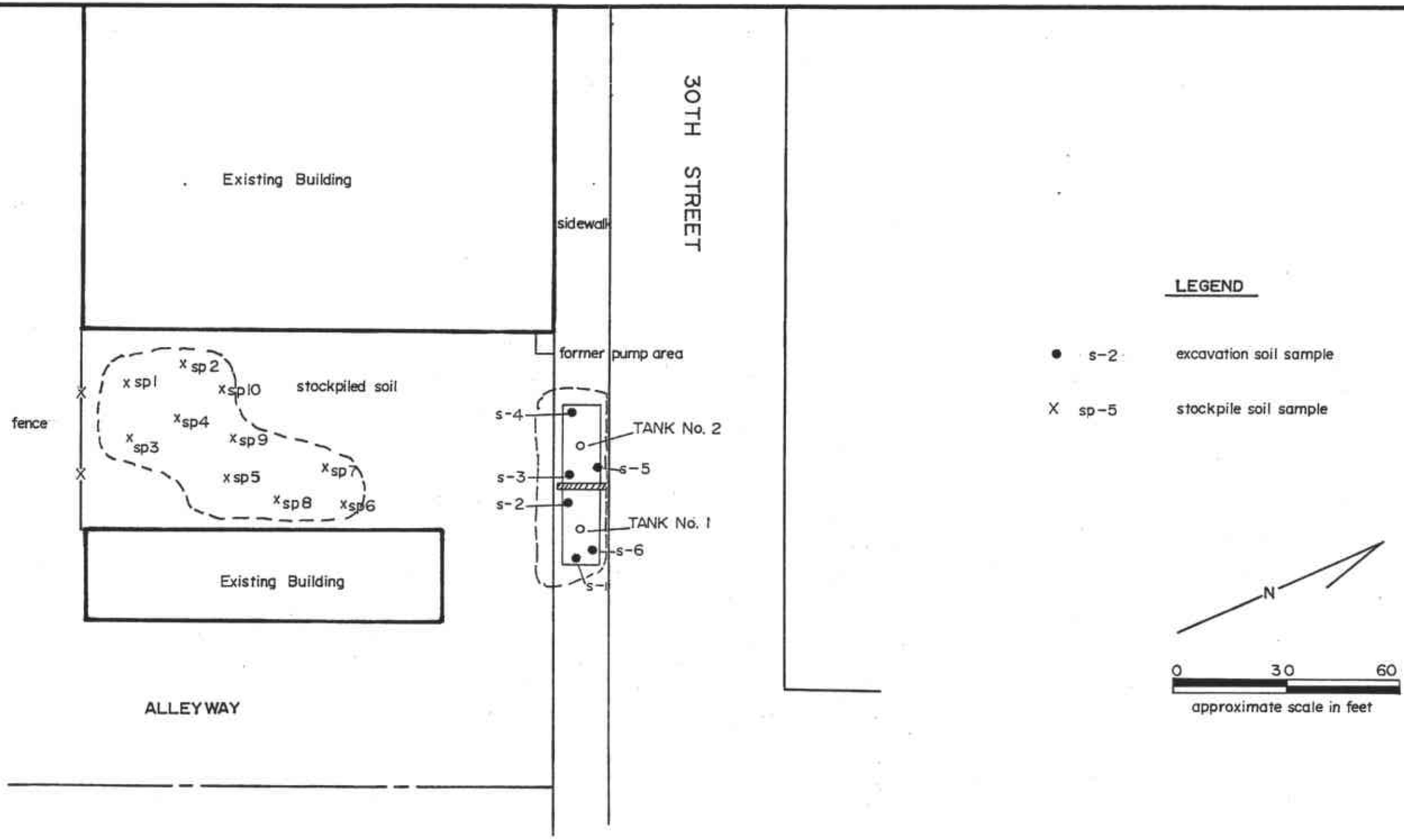
site location

0 1/2 1

approximate scale in miles

N

reviewed by:	VICINITY MAP	Compliance & Closure, Inc.
approved by:	HAGSTROM PROPERTIES	
drawn by: GM	265 30TH STREET	
job no. 12058-1	OAKLAND, CALIFORNIA	date: 12/19/95 — drawing no. FIG. 1



REVIEWED BY:	SITE MAP	Compliance & Closure, Inc.
	HAGSTROM PROPERTIES	
APPROVED BY:	265 30TH STREET	JOB #: 12058-1 / DRAWN BY: GM
	OAKLAND, CALIFORNIA	DATE: 12/19/95 / DRAWING #: FIG. 2

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

Project Specialist

11/21/95

UNDERGROUND TANK CLOSURE PLAN

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

1. **Name of Business** Hagstrom Properties, LP.

   Business Owner or Contact Person (PRINT) Warren Hagstrom

2. **Site Address** 265 30th Street

   City Oakland **Zip** 94601 **Phone** (510) 254-2814

3. **Mailing Address** 360 Village Square

   City Orinda **Zip** 94563 **Phone** (510) 254-2814

4. **Property Owner** Warren Hagstrom

   Business Name (if applicable) N/A

   Address 360 Village Square

   City, State Orinda, CA **Zip** 94563

5. **Generator name under which tank will be manifested**

   Hagstrom Properties, LP

   EPA ID# under which tank will be manifested C A C 0 0 1 2 0 0 7 8 4

6. Contractor TAC Environmental Services/Klemetson Construction

Address 151 Link Road

City Cordelia Phone (707) 864-4760

License Type* A ASB B C57 C61/D40 HAZ ID# 538628

***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) Compliance & Closure, Inc. (CCI)

Address 7020 Koll Center Parkway, Suite 134

City, State Pleasanton, CA 94566 Phone (510) 426-5395

8. Main Contact Person for Investigation (if applicable)

Name Dave Solis/Scott Parker Title Sr. Pjct. Mng/Prin. Geol.

Company TAC Environmental Services

Phone (707) 864-4760

9. Number of underground tanks being closed with this plan 4

Length of piping being removed under this plan Piping being abandoned in place.

Total number of underground tanks at this facility (**confirmed with owner or operator) 4

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

Hauler License No. 0019 License Exp. Date 7/31/96

Address 255 Parr Boulevard

City Richmond State CA Zip 94801

b) Product/Residual Sludge/Rinsate Disposal Site

Name Erickson, Inc. EPA ID# CAD009466392

Address 255 Parr Boulevard

City Richmond State CA Zip 94801

c) **Tank and Piping Transporter**

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

Hauler License No. 0019 **License Exp. Date** 7/31/96

Address 255 Parr Boulevard

City Richmond **State** CA **Zip** 94801

d) **Tank and Piping Disposal Site**

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

Address 255 Parr Boulevard

City Richmond **State** CA **Zip** 94801

11. **Sample Collector**

Name CCI

Company CCI

Address 7020 Koll Center Parkway, Suite 134

City Pleasanton **State** CA **Zip** 94566 **Phone** (510) 426-539

12. **Laboratory**

Name Unknown at this time

Address _____

City _____ **State** _____ **Zip** _____

State Certification No. _____

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(s) inert:**
Triple rinse and apply dry ice.

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)		
550 Gallons	N/A	Gasoline/Diesel/BTEX	Sidewalls and bottom of excavation @ appx. 8 -10'bgs.

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	
Stockpiled Soil Volume (estimated)	**Sampling Plan**
25 yards	Will obtain 2 soil samples from stockpile and profile for disposal.

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
TPHG	8020		
TPHD	8015		
BTEX	8020		
Since product unknown & also for purposes of risk assessment the following tests should also be included:			
Benzopyrene — 8270		Benzopyrene	1 ppm - soil 1 ppb - h_2o
Naphthalene — 8270			

18. **Submit Worker's Compensation Certificate copy**

Name of Insurer James C. Jenkins Insurance Company

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 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.

CONTRACTOR INFORMATION

Name of Business Klemetson Construction/ TAC Environmental

Name of Individual Stanley Klemetson/ Scott Parker

Signature Scott J. Parker Date 11/17/95

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business Hagstrom Properties, LP

Name of Individual Warren Hagstrom

Signature Scott Parker agent for Warren Hagstrom Date 11/17/95

ALAMEDA COUNTY ENVIRONMENTAL PROTECTION DIVISION

DECLARATION OF SITE ACCOUNT REFUND RECIPIENT

There may be excess funds remaining in the Site Account at the completion of this project. The PAYOR (person or company that issues the check) will use this form to predesignate another party to receive any funds refunded at the completion of this project. In the absence of this form, the PAYOR will receive the refund.

SITE INFORMATION:

Site ID Number
(if known)

Name of Site

Street Address

City, State & Zip Code

I designate the following person or business to receive any refund due at the completion of all deposit/refund projects:

Name

Street Address

City, State & Zip Code

Signature of Payor

Date

Name of Payor
(PLEASE PRINT CLEARLY)

Company Name of Payor

RETURN FORM TO:

County of Alameda, Environmental Protection
1131 Harbor Bay Parkway, Rm 250
Alameda CA 94502-6577
Phone#(510) 567-6700

rev.4/6/95;closure.pln\RW

State of California
Consumer Affairs

CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE

License Number 538628 Entity INDIV

Business Name KLEMETSON CONSTRUCTION

Classification(s) A ASB B C57 C61/D40 HAZ

Expiration Date 08/31/96

CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY) 11/16/95

PRODUCER

Jenkins/Welch Corp.
P.O. Box 5668
Concord, CA 94524

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW

INSURED

TAC Environmental Svcs
Bay Area Exploration, Inc.
151 Link Road
Cordelia CA 94585

COMPANIES AFFORDING COVERAGE

COMPANY LETTER	A
COMPANY LETTER	B
COMPANY LETTER	C
COMPANY LETTER	D Republic Indemnity of C
COMPANY LETTER	E

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFF. DATE (MM/DD/YY)	POLICY EXP. DATE (MM/DD/YY)	LIMITS	
	GENERAL LIABILITY				GENERAL AGGREGATE	
	☐ COMM. GENERAL LIABILITY				PROD-COMP/OP AGG.	
	☐ CLAIMS MADE ☐ OCC.				PERS. & ADV. INJURY	
	☐ OWNER'S & CONTRACT'S PROT				EACH OCCURRENCE	
	☐ _____				FIRE DAMAGE (One Fire)	
					MED. EXP. (One Per)	
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT	
	☐ ANY AUTO				BODILY INJURY (Per person)	
	☐ ALL OWNED AUTOS				BODILY INJURY (Per accident)	
	☐ SCHEDULED AUTOS				PROPERTY DAMAGE	
	☐ HIRED AUTOS					
	☐ NON-OWNED AUTOS					
	☐ GARAGE LIABILITY					
	☐					
	EXCESS LIABILITY				EACH OCCURRENCE	
	☐ UMBRELLA FORM				AGGREGATE	
	☐ OTHER THAN UMBRELLA FORM					
D	WORKERS' COMPENSATION AND EMPLOYER'S LIABILITY	3511996	7/01/95	7/01/96	X STATUTORY LIMITS	
					EACH ACCIDENT	1000000
					DISEASE-POLICY LIMIT	1000000
					DISEASE-EACH EMP.	1000000
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

Re: Job #95-021-036, 265 30th Street, Oakland, CA. (REVISED)

CERTIFICATE HOLDER

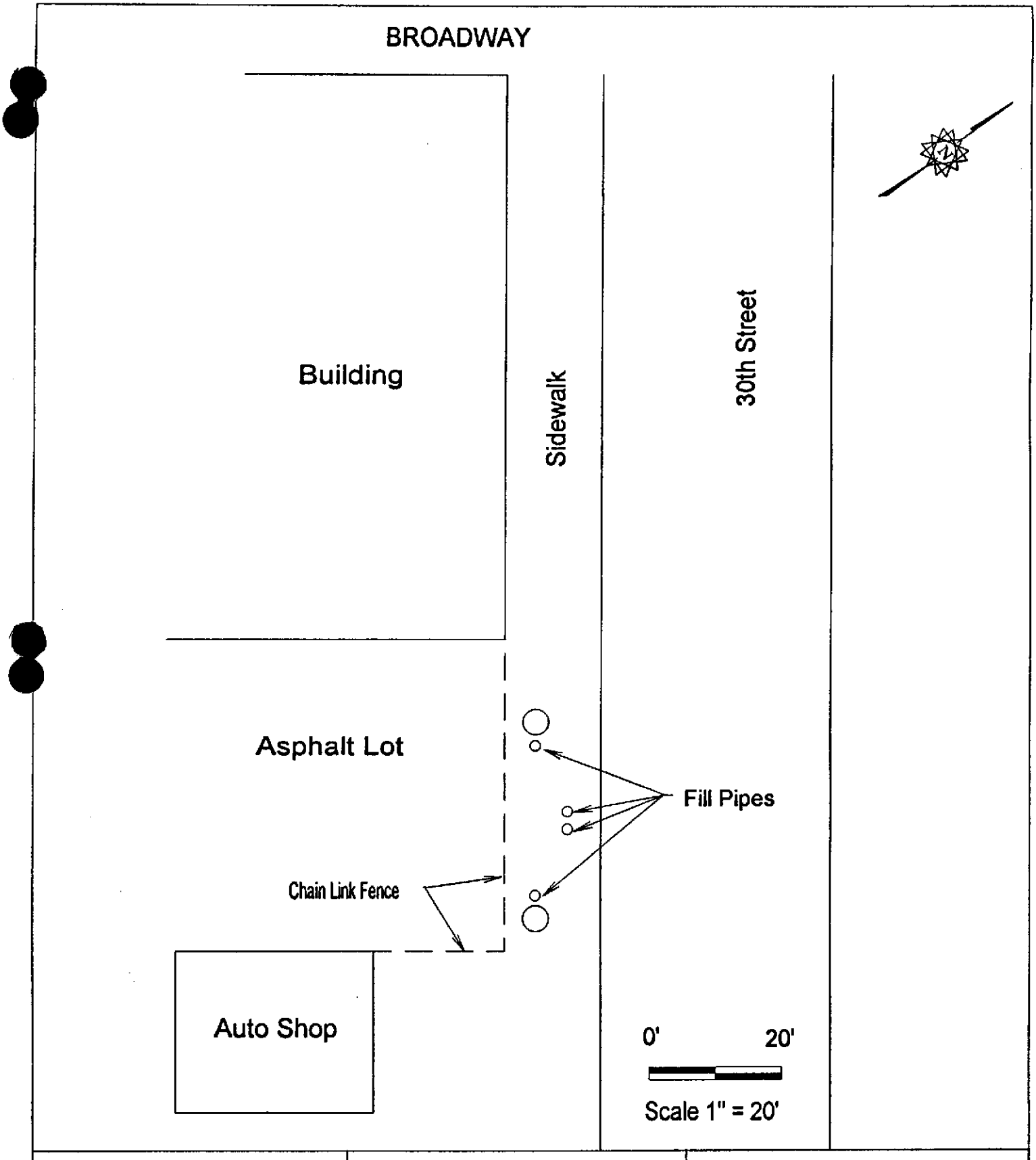
Hagstrom Properties, L.P.
Attn: Warren Hagstrom
265 30th Street
Oakland, CA 94601

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Cindy McKinney



TAC Environmental Services

151 Link, Road, Cordelia, CA. 94585

Project Name: Hagstrom	FIGURE: SITE PLAN 265 30TH STREET OAKLAND, CA
Project Number: 021-0036	Date: 11/17/95
Drawn By: SLP	Reviewed By:

APPENDIX B

HEALTH & SAFETY PLAN

Standard Procedures No. SHS-02

SITE SPECIFIC HEALTH AND SAFETY PLAN
265 30th Street
Oakland, CA

I. PROJECT PLAN

Objectives and Project Description

TAC Environmental Services has prepared this Health and Safety Plan for Hagstrom Properties, Limited Partnership, prior to work at 265 30th Street, Oakland, CA. The following emergency response plan will be implemented prior to beginning site work to handle on-site emergencies. The first priority in all emergency incidents will be to minimize adverse health risks to workers.

Field Activities	Site work will include tank removal and testing
Personnel Requirements	Field geologist, engineer, and drillers

Key Personnel and Owner Representative

Project Assignment	Name/Agency	Telephone
Project Manager & Assistant Site Safety Officer	Scott L. Parker/Dave Solis	(707)864-4760
Responsible Professional Engineer or Geologists	Philip L.Chang, P.E.	(707)864-4760
Site Safety Officer	Scott L. Parker	(707) 864-4760
Owner Representative	Warren Hagstrom	(510) 254-2814

II. JOB HAZARD ANALYSES

Threshold Limit Values for Anticipated Chemical Substances

Substance	OSHA PEL	ACGIH TVL	NIOSH REL
Benzene	10 ppm	10 ppm	0.1 ppm
Toluene	200	100	100
Xylene	100	100	-

Toxicological Hazards of Wastes

Human exposure to benzene concentrations in excess of 150 ppm may cause headache, weariness, and loss of appetite. Vapors at high concentrations may cause smarting of the eyes and dermatitis.

Physical Hazards Associated with Site Activities

- Slip, trip and fall hazards
- Hazards due to falling or swinging objects and heavy equipment
- Excessive noise

III. SITE CHARACTERIZATION

A. Site Information

Location	265 30th Street Oakland, California
Topography	Subject property gently slopes to the East
Accessibility	There are no access problems.
Pathways for Hazardous Substance Dispersion	Gasoline may volatilize slightly from soil
Anticipated Weather Conditions	Mild weather with possible participation
Past and Present Use of Site	Fomer Firestone Tire Store and various auto body repair shops

B. Description of Wastes On Site

Location	Not Applicable
Physical State of Wastes	Not Applicable
Concentrations Found	Not Applicable

IV. PERSONAL PROTECTIVE EQUIPMENT

Level of Protection — Level D

Respiratory Protection — Half mask dual cartridge respirator with organic vapor cartridges; will only be required if airborne concentrations are above action levels.

Protective Clothing

- Hard hat (required)
- Work boots (required)
- Safety Glasses (optional)
- Hearing Protection (optional)
- Protective gloves (optional)

Action Levels and Work Requirements — Don respirators if organics in the breathing zone exceed a constant 30 ppm – what is the rationale? ~10ppm based on 5% of benzene in gasoline

V. EXPOSURE MONITORING PLAN

Frequency and Type of Monitoring — Air should be monitored every 30 minutes using an organic vapor meter while excavating and sampling in contaminated areas.

Methodology — Monitor downwind in the breathing zone.

VI. DECONTAMINATION PROCEDURES

For PPE — Leave the work area and remove clothing, respirator last. All non-reusable clothing will be disposed of in garbage containers.

VII. PROTECTION OF GENERAL PUBLIC

Procedures — The tank removal contractor will redirect pedestrian traffic around the work area using temporary fencing, or barricades and warning ribbon. The temporary pedestrian walkway will also be protected from automobile traffic using barricades and warning ribbon. Any excavation left open over night will be enclosed with fencing.

Only authorized personnel will be permitted within 10 ft. of heavy equipment.

VII. EMERGENCY RESPONSE

Command and Control

The on-site TAC representative will be responsible for health and safety issues related to sampling and drilling.

Directions to Hospital

See area map for route to Hospital.

Emergency Procedures for Personnel Injured or Exposed in the Work Zone

1. Assist the injured or exposed worker out of the sampling area.
2. Call for medical help.
3. Administer CPR/first aid as needed.
4. If possible, carefully remove the victim's PPE and begin decontamination procedures.

Emergency Agencies with Telephone Numbers

Emergency Service	Name/Agency	Telephone
Ambulance	Oakland	911
Hospital	Peralta Hospital 350 Hawthorne Oakland, CA 94609	(510) 655-4000
Police	Oakland	911
Fire Department	Oakland	911
Public Health	Susan Hugo Alameda County	(510)567-6700
Project Manager	Scott L. Parker	(707) 864-4760
Emergency Spills	CalEPA	(415) 974-8131
Worker Health and Safety	OSHA	(800) 648-1003
CHEMTREC	CHEMTREC	(800) 424-9300
Utilities	Underground Service Alert	(800) 227-2600

POST IN A CONSPICUOUS PLACE

BUSINESS TAX CERTIFICATE

CITY OF OAKLAND

The issuing of a Business Tax Certificate is for revenue purposes only. It does not relieve the taxpayer from the responsibility of complying with the requirements of any other department of the City of Oakland and/or any other ordinance, law or regulation of the City of Oakland, State of California, or any other governmental agency.

EXPIRES
DECEMBER 31, 1995

PLEASE READ REVERSE SIDE

THE CITY OF OAKLAND CALIFORNIA

ACCOUNT NUMBER	1255614
BUSINESS NAME	PROFICIENT ENVIRONMENTAL SERVICES, INC
ADDRESS	212 9TH ST
	OAKLAND CA 94607 - 0000
KIND OF BUSINESS	MANAGEMENT, CONSULTING & PUBLIC RELATIONS

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy.
Suite 250
Alameda, CA 94502-6577
(510) 567-6700

Hazardous Materials Inspection Form

II,III

Site ID # ____ Site Name *Hagestrom Prop.* Today's Date *12/8/95*

Site Address *265 ~~Hagestrom~~ 30th street*

City *OAKLAND* Zip *94611* Phone *567-6764*

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Business Plans, Acute Hazardous Materials
____ III. Underground Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

II.A BUSINESS PLANS (Title 19)

___	1. Immediate Reporting	2703
___	2. Bus. Plan Stds.	25503(b)
___	3. RR Cars > 30 days	25503.7
___	4. Inventory Information	25504(a)
___	5. Inventory Complete	2730
___	6. Emergency Response	25504(b)
___	7. Training	25504(c)
___	8. Deficiency	25505(a)
___	9. Modification	25505(b)

II.B ACUTELY HAZ. MAT'LS

___	10. Registration Form Filed	25533(a)
___	11. Form Complete	25533(b)
___	12. RMPP Contents	25534(c)
___	13. Implement Sch. Req'd? (Y/N)	___
___	14. OffSite Conseq. Assess.	25524(c)
___	15. Probable Risk Assessment	25534(d)
___	16. Persons Responsible	25534(g)
___	17. Certification	25534(f)
___	18. Exemption Request? (Y/N)	25536(b)
___	19. Trade Secret Requested?	25538

III. UNDERGROUND TANKS (Title 23)

___	1. Permit Application	25284 (H&S)
___	2. Pipeline Leak Detection	25292 (H&S)
___	3. Records Maintenance	2712
___	4. Release Report	2651
___	5. Closure Plans	2670

Monitoring for Existing Tanks

___ 6. Method
1) Monthly Test
2) Daily Vadose
Semi-annual gndwater
One time soils
3) Daily Vadose
One time soils
Annual tank test
4) Monthly Gndwater
One time soils
5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
6) Daily Inventory
Annual tank testing
Cont pipe leak det
7) Weekly Tank Gauge
Annual tank tstng
8) Annual Tank Testing
Daily Inventory
9) Other ________

___	7. Precis Tank Test Date: ______	2643
___	8. Inventory Rec.	2644
___	9. Soil Testing.	2646
___	10. Ground Water.	2647

New Tanks

___	11. Monitor Plan	2632
___	12. Access. Secure	2634
___	13. Plans Submit Date: ______	2711
___	14. As Built Date: ______	2635

Rev 6/88

Comments: *TANK Removal*

2, 8,000 gallon tank removed.
3% LEL certified by Fire Dept ...
** fuel oil diesel & gasoline.*
10,000 gal — 10,000 gal
Tank A — Tank B.
** Both tanks had waste oil product in it - 4 inches approximately.*
One side of Tank A was corroded although no holes were visible. Water could be seen in pit. It could be rain water because the pit was open for approximately a week. The excavated soil is stockpiled, covered with visqueen on site.
Tank B was corroded but no visible holes.
4 sample collected from both ends by Gary Murphy - from contractors

SCOTT PARKER (707) 864-4766 closure **II, III** *contracts*

Contact: ____________________

Title: ____________________

Signature: *Scott J Parker*

Inspector: *Madhulla Logan*

Signature: *[signature]*

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

REPORT DATE: 12/11/95 CASE #:

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
SIGNED _____ DATE _____

REPORTED BY
NAME OF INDIVIDUAL FILING REPORT: TAC Environmental Services
PHONE: (707)864-4760
SIGNATURE:
REPRESENTING ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____
COMPANY OR AGENCY NAME: SEE ABOVE - CONTACT: Dave Solis
ADDRESS: 151 Link Road, Cordelia (STREET) CITY: CA STATE: 94585 ZIP

RESPONSIBLE PARTY
NAME: Warren Hagstrom ☐ UNKNOWN
CONTACT PERSON: SAME
PHONE: (510) 254-2814
ADDRESS: 360 Village Square (STREET) Orinda (CITY) CA (STATE) 94563 (ZIP)

SITE LOCATION
FACILITY NAME (IF APPLICABLE): Former Firestone Tires
OPERATOR: Unknown
PHONE: ( ) N/A
ADDRESS: 265 30th Street (STREET) Oakland (CITY) Alameda (COUNTY) ZIP
CROSS STREET: Broadway

IMPLEMENTING AGENCIES
LOCAL AGENCY / AGENCY NAME: Alameda Co. Env. Health Dept.
CONTACT PERSON: Medula Logan
PHONE: (510) 567-6700
REGIONAL BOARD: SAME AS ABOVE
PHONE: ( )

SUBSTANCE INVOLVED
(1) NAME: Waste Oil — QUANTITY LOST (GALLONS): _____ ☒ UNKNOWN
(2) _____ ☐ UNKNOWN

DISCOVERY/ABATEMENT
DATE DISCOVERED: 1/12/89
HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER _____
DATE DISCHARGE BEGAN: _____ ☒ UNKNOWN
HAS DISCHARGE BEEN STOPPED? ☐ YES ☒ NO IF YES, DATE 11/28/95
METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☒ CLOSE TANK & REMOVE ☐ REPAIR PIPING ☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE ☐ REPLACE TANK ☐ OTHER _____

SOURCE/CAUSE
SOURCE OF DISCHARGE: ☐ TANK LEAK ☐ UNKNOWN ☒ PIPING LEAK ☐ OTHER
CAUSE(S): ☒ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☐ UNKNOWN ☐ OTHER _____

CASE TYPE
CHECK ONE ONLY
☒ UNDETERMINED ☐ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS
CHECK ONE ONLY
☐ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☒ POLLUTION CHARACTERIZATION
☐ LEAK BEING CONFIRMED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION
CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ VACUUM EXTRACT (VE) ☐ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☒ OTHER (OT) Awaiting direction from LOP.

COMMENTS

HSC 05 (8/93)

tion Permit Granted _____ No. _____

CITY OF OAKLAND

Permit to Excavate and Install, Repair, or Remove Inflammable Liquid Tanks.

Tank Permit No. 9972

Oakland, California, December 4 19 95

PERMISSION IS HEREBY GRANTED TO ~~install~~ XXXX remove ~~repair~~ XXXX Gasoline tank and excavate commencing four feet inside curb line

on the south side of 30th St. Street Avenue 150 feet East of Broadway Street Avenue

House No. 265 30th Ave. Street Avenue Present Storage _____

Owner Warren Hagstrom Address 360 Village Sq., Orinda Phone 254-2814

Applicant TAC Environmental Services Address 151 Link Rd., Cordelia, 94585 Phone (707) 864-4760

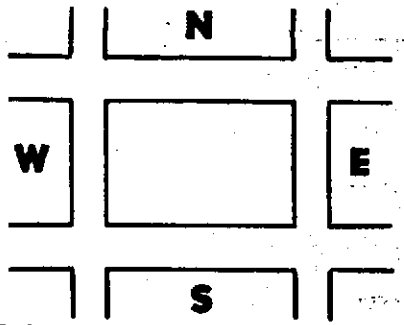
Dimensions of street (sidewalk) surface to be disturbed _____ X _____ Number of Tanks 4 2 Capacity 550 Gallons, each.

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.

Approved _____
Fire Marshal

Approved _____
Drainage Division Engineering Dept.



EXCAVATING PERMIT

Issued in accordance with Ord. No. 278 CMS. Sec. 6-2.04

_____ square feet of digging or removal granted.

The receipt of $_____ special deposit is hereby acknowledged.

GENERAL DEPOSIT.

BUREAU OF PERMITS AND LICENSES.

Inspection Fee Paid - - - - - - - - - $ 200.00

Received by D. Clemons ck#811 Rec#730205
FIRE PREVENTION BUREAU

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Inspected and passed on _____ 19 ____

By _____
Fire Marshal

NOTICE

Before Covering Tanks, Above Certificate Must Be Signed.

When ready for inspection notify Fire Prevention Bureau, 273-3851

THIS PERMIT MUST BE LEFT ON THE WORK AS AUTHORITY THEREFOR.

536-68 (6-87)

1330 Broadway, 2nd Floor, Oakland, CA 94612 • Phone: (510) 238-3443 • FAX (510) 238-2263

PERMIT

OBSTRUCTION

Job Site 265 30TH ST Parcel# Appl# OB950336

obstruction permit for 50lin ft of sidewalk and parking lane Permit Issued 11/30/95
signs will be posted for pedestrians to use other side of
street. effective 12/01/95 thru 12/15/95

265 30TH ST

Nbr of days: 14 Linear feet: 50
Effective: 12/01/95 Expiration: 12/15/95

SHORT TERM NON-METERED

		Applcnt	Phone#	Lic#	—License Classes—		
Owner							
Contractor	KLEMETSON CONSTRUCTION	X	(415)799-6073	538628 B	A	C57	C61
Arch/Engr							
Agent							

Applic Addr 131 CLEOPATRA DR, PLEASANT HILL, CA, 94523

$210.00 TOTAL FEES PAID AT ISSUANCE

$.00 Applic	$210.00 Permit
$.00 Process	$.00 Rec Mgmt
$.00 Gen Plan	$.00 Invstg
$.00 Other	

CITY OF OAKLAND

Applicant: X Michael Davis X 11/30/95

Issued by: [signature] 11-20-95

Date: 11/30/95 Amt Paid: $210.00
By: PC Register R02 Receipt# 001461

1330 Broadway, 2nd Floor, Oakland, CA 94612 • Phone: (510) 238-3443 • FAX (510) 238-2263

PERMIT

EXCAVATION

Job Site 265 30TH ST Parcel# Appl# X950085

Descr fuel tank removal under the sidewalk Permit Issued 11/21/9

Work Type EXCAVATION-PRIVATE P

USA # 256492 Util Co. Job # Acctg#:
Util Fund #:

		Applcnt	Phone#	Lic#	--License Classes--
Owner					
Contractor	KLEMETSON CONSTRUCTION	X	(415)799-6073	538628	B
Arch/Engr					
Agent					

Applic Addr 131 CLEOPATRA DR, PLEASANT HILL, CA, 94523

$235.00 TOTAL FEES PAID AT ISSUANCE

$40.00 Applic	$195.00 Permit
$.00 Process	$.00 Rec Mgmt
$.00 Gen Plan	$.00 Invstg
$.00 Other	

CITY OF OAKLAND

Date: 11/21/95 Amt Paid: $235.00
By: JT Register RB2 Receipt# 001259

CITY OF OAKLAND
Office of Planning and Building

EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERING

PAGE 2 of 2

PERMIT NUMBER		SITE ADDRESS/LOCATION
X9500851		265 - 30th ST
APPROX. START DATE	APPROX. END DATE	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number)
CONTRACTOR'S LICENSE # AND CLASS		CITY BUSINESS TAX #

ATTENTION:

1) State law requires that the contractor/owner call *Underground Service Alert (USA)* two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1 (800) 642-2444. UNDERGROUND SERVICE ALERT (USA) #: _____

2) **48 hours prior to starting work, YOU MUST CALL (510) 238-3651 TO SCHEDULE AN INSPECTION.**

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500):

☐ I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

☐ I am exempt under Sec. _____, B&PC for this reason _____.

WORKER'S COMPENSATION

☐ I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # _____ Company Name _____

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars ($100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Chapter 6, Article 2 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

X Scott Rahn — November 21, 1995

Signature of Permittee ☒ Agent for ☐ Contractor ☐ Owner — Date

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED?	HOLIDAY RESTRICTION? (NOV 1 - JAN 1)	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM)
88	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO

ISSUED BY: J. Curtis — DATE ISSUED: 11-21-95

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances C[illegible]
Sacramento, California

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL [illegible] CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-85[illegible]

95893660

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL001200784	Manifest Document No. 93660	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: Warren Hagstrom 360 Village Sq. / SITE 265 / 30-57 OAKLAND [illegible], CA 94563

4. Generator's Phone: 510 254-2814

A. State Manifest Document Number: 9589366[illegible]

B. State Generator's ID:

5. Transporter 1 Company Name: ERICKSON INC — 6. US EPA ID Number: CAD009466392

C. State Transporter's ID: 616587

D. Transporter's Phone: 510-235-1393

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:

H. Facility's Phone: (510)235-1393

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	I. Waste Number
a. Non-RCRA Hazardous Waste Solid Waste Empty Storage Tank.	002	TP	16000	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:
Qty. 2 Empty Storage Tank(s) #17026 17027, ____, ____. Tank(s) have been inerted with 15 lbs. Dry Ice Per 1000 Gallon Capacity. t

K. Handling Codes for Wastes Listed Above: a. 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 WARREN HAGSTROM Phone 510) 254-2814

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Scott Parker	Scott Parker	12	07	9[illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
PAUL JACOBO	Paul Jacobo	12	07	9[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR / TRANSPORTER / FACILITY

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/95)
EPA 8700—22

Yellow: GENERATOR RETAINS

California—Environmental Protection Agency
Approved OMB No. 2050-0039 (Expires 9-30-96)
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.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAD981974617	9127417		

Generator's Name and Mailing Address
TAC Environmental
1514 Link Road
Oakley, CA 94561

Generator's Phone (925) 634-4700 c/o Mr. Clark

A. State Manifest Document Number 9559274

B. State Generator's ID

5. Transporter 1 Company Name Rickenbacker Inc.

6. US EPA ID Number CAD009476152

C. State Transporter's ID 610206

D. Transporter's Phone 510-235-1388

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
Romic West Corporation
1339 N. McLaughlin
Richmond, CA 94803

10. US EPA ID Number CAD008114128

G. State Facility's ID

H. Facility's Phone 800-892-6761

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	I. Waste Number
a. NOT RCRA Hazardous Waste, Liquid	001	TT	05500	G	State 223 EPA/Other None
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
Profile 0895633
Hagstrom Project
265-30th St
Oakland, CA

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Call Hagstrom (510) 254-2814 24 hour Emergency Contact
SE LOT# 967205 OCHOA E21451

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.

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Printed/Typed Name	Signature	Month	Day	Year
M. Paul		12	07	95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		12	07	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR — TRANSPORTER — FACIL

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802

DTSC 8022A (1/95)
EPA 8700—22

Yellow: GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances C
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAG001210078491 Manifest Document No. 31077
2. Page 1 of 1
Information in the shaded areas is not required by Federal law. ENVPWBT CAYSTE

3. Generator's Name and Mailing Address: Warren Hagstrom 360 Village Square Orinda, CA 94563
4. Generator's Phone: 510 254-2814

A. State Manifest Document Number: 9559307
B. State Generator's ID

5. Transporter 1 Company Name: ERICKSON INC.
6. US EPA ID Number: CAD009466392
C. State Transporter's ID: 610629
D. Transporter's Phone: (510) 235 - 1393

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: PRC PATTERSON, INC. 13331 N. HWY. 33 PATTERSON, CA 95363
10. US EPA ID Number: CAD0B3166728
G. State Facility's ID
H. Facility's Phone: (209) 892 - 6742

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. RQ, HAZARDOUS WASTE LIQUID, N.O.S. (BENZENE), 9, NA 3082, III (D018) ERG # 31	001	TT	1100	G	State 223 EPA/Other D018
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above: PROFILE 0895620
TANK RINSATE. WATER 70-99%, GASOLINE 0-2%, DIESEL FUEL 0-20%, OIL 0-20%

K. Handling Codes for Wastes Listed Above: a. b. c. d.

15. Special Handling Instructions and Additional Information

24 HR. EMERGENCY CONTA
HARRISON L. STOCKTON
24 HR. EMERGENCY PHONE
(510) 235 - 1393

OE P.O.: OE JOB:

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: Scott L. Parker Signature: Scott L Parker Month Day Year: 12 06 9

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Lindsey Berg Signature: Lindsey Berg Month Day Year: 12 06 9

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

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Signature Month Day Year

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-8

9559307 7

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/95)
EPA 8700—22

Yellow: GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050–0039 (Expires 9-30-96)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Co
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC00 12 00784 / CAD009	Manifest Document No. 9 2 8 0 8	2. Page 1 of 1	Information in the shaded areas is not required by Federal law. ENVPWST CA93TE
3. Generator's Name and Mailing Address WARREN HAGSTROM 360 VILLAGE SQUARE ORINDA, CA. 94563		A. State Manifest Document Number 95592808	
4. Generator's Phone (510) 254-3814		B. State Generator's ID	
5. Transporter 1 Company Name ERICKSON INC.	6. US EPA ID Number CAD009466392	C. State Transporter's ID 610199	
		D. Transporter's Phone (510) 235 - 1393	
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 PRC PATTERSON, INC. 13331 N. HWY. 33 PATTERSON, CA 95363	10. US EPA ID Number CAD083166728	G. State Facility's ID	
		H. Facility's Phone (209) 892 - 6742	

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	I. Waste Number
a. RQ, HAZARDOUS WASTE LIQUID, N.O.S. (BENZENE), 9, NA 3082, III (D018) ERG # 31	001	TT	00400	G	State 223 / EPA/Other D018
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above PROFILE 0895620
TANK RINSATE. WATER 70-99%, GASOLINE 0-2%, DIESEL FUEL 0-20%, OIL 0-20%

K. Handling Codes for Wastes Listed Above
a. b.
c. d.

15. Special Handling Instructions and Additional Information

24 HR. EMERGENCY CONTAC
HARRISON L. STOCKTON
24 HR. EMERGENCY PHONE
(510) 235 - 1393

OE P.O.: 21396 OE JOB: 967120

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	11	30	95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
STANLEY D. WILES	[signature]	11	30	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-85

95592808

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/95)
EPA 8700—22

Yellow: GENERATOR RETAINS

Superior Analytical Laboratory

COMPLIANCE & CLOSURE, INC.
7020 KOLL CENTER PKWY #134
PLEASANTON, CA 94566

Date: December 27, 1995

Attn: GARY MULKEY

Laboratory Number : 20600

Project Number/Name : 12058-1

This report has been reviewed and

approved for release.

Senior Chemist
Account Manager

Customer Service: (800) 521-6109 • Laboratory: (510) 313-0850 • Facsimile: (510) 229-091
Post Office Box 2648 • 835 Arnold Drive • Suite #106 • Martinez, California 94553
1555 Burke Street • Suite A • San Francisco, California 94124

Superior
Analytical Laboratory

[redacted]MPLIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 13, 199[redacted]

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Chronology

Laboratory Number 2060[redacted]

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
S-1	12/07/95	12/07/95	12/11/95	12/11/95	BL111.24	01
S-2	12/07/95	12/07/95	12/11/95	12/13/95	BL111.24	02
S-3	12/07/95	12/07/95	12/11/95	12/13/95	BL111.24	03
S-4	12/07/95	12/07/95	12/11/95	12/13/95	BL111.24	04
S-5	12/07/95	12/07/95	12/11/95	12/13/95	BL111.24	05
S-6	12/07/95	12/07/95	12/11/95	12/13/95	BL111.24	06

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
BL111.24-01	Method Blank	MB	Soil	12/11/95	12/11/95
BL111.24-02	Laboratory Spike	LS	Soil	12/11/95	12/11/95
BL111.24-03	Laboratory Spike Duplicate	LSD	Soil	12/11/95	12/11/95
[redacted]L111.24-04	NPD-WD-1	MS 20610-01	Soil	12/11/95	12/11/95
[redacted]L111.24-05	NPD-WD-1	MSD 20610-01	Soil	12/11/95	12/11/95

Superior Analytical Laboratory

COMPLIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 13, 1995

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-01	S-1	Soil	1.0	-
20600-02	S-2	Soil	1.0	-
20600-03	S-3	Soil	10.0	-
20600-04	S-4	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-01 Conc. ug/Kg	RL	20600-02 Conc. ug/Kg	RL	20600-03 Conc. ug/Kg	RL	20600-04 Conc. ug/Kg	RL
naphthalene	ND	300	ND	300	ND	3000	ND	300
Benzo(a)Pyrene	ND	300	ND	300	ND	3000	ND	300
>> Surrogate Recoveries (%) <<								
2-fluorophenol	143I		73		90		70	
[illegible]enol-d5	120		79		113		78	
[illegible]trobenzene-d5	93		84		103		72	
[illegible]fluorobiphenyl	83		92		104		90	
2,4,6-tribromophenol	86		90		61		89	
terphenyl-d14	81		89		100		86	

Superior
Analytical Laboratory

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-05	S-5	Soil	1.0	-
20600-06	S-6	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-05 Conc. ug/Kg	RL	20600-06 Conc. ug/Kg	RL
naphthalene	ND	300	ND	300
Benzo(a)Pyrene	ND	300	ND	300
<< Surrogate Recoveries (%) <<				
[redacted]fluorophenol	74		74	
[redacted]henol-d5	81		83	
nitrobenzene-d5	76		82	
2-fluorobiphenyl	92		94	
2,4,6-tribromophenol	88		90	
terphenyl-d14	91		91	

Superior Analytical Laboratory

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 20600
Method Blank(s)

	BL111.24-01 Conc. ug/kg	RL
bis(2-chloroethyl)ether	ND	300
aniline	ND	300
phenol	ND	300
2-chlorophenol	ND	300
1,3-dichlorobenzene	ND	300
1,4-dichlorobenzene	ND	300
1,2-dichlorobenzene	ND	300
benzyl alcohol	ND	300
bis-(2-chloroisopropyl)ether	ND	300
2-methylphenol	ND	300
hexachloroethane	ND	300
nitroso-di-n-propylamine	ND	300
methylphenol	ND	300
trobenzene	ND	300
isophorone	ND	300
2-nitrophenol	ND	300
2,4-dimethylphenol	ND	300
bis(2-chloroethoxy)methane	ND	300
2,4-dichlorophenol	ND	300
1,2,4-trichlorobenzene	ND	300
naphthalene	ND	300
benzoic acid	ND	300
4-chloroaniline	ND	300
hexachlorobutadiene	ND	300
4-chloro-3-methylphenol	ND	300
2-methyl-naphthalene	ND	300
hexaclorocyclopentadiene	ND	300
2,4,6-trichlorophenol	ND	300
2,4,5-trichlorophenol	ND	300
2-chloronaphthalene	ND	300
2-nitroaniline	ND	300
acenaphthylene	ND	300
dimethylphthlate	ND	300
2,6-dinitrotoluene	ND	300
Acenaphthene	ND	300
3-nitroaniline	ND	300
2,4-dinitrophenol	ND	300

Superior
Analytical Laboratory

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 20600
Method Blank(s)

	BL111.24-01 Conc. ug/kg	RL
dibenzofuran	ND	300
2,4-dinitrotoluene	ND	300
4-nitrophenol	ND	300
fluorene	ND	300
4-chlorophenyl-phenylether	ND	300
diethylphthlate	ND	300
4-nitroaniline	ND	300
4,6-dinitro-2-methylphenol	ND	300
n-nitrosodiphenylamine	ND	300
4-bromo-phenyl-phenylether	ND	300
hexachlorobenzene	ND	300
[illegible]ntachlorophenol	ND	300
[illegible]enanthrene	ND	300
[illegible]thracene	ND	300
[illegible]-n-butylphthlate	ND	300
fluoranthene	ND	300
benzidine	ND	300
pyrene	ND	300
butylbenzylphthlate	ND	300
3.3'-dichlorobenzidine	ND	300
Benzo(a)Anthracene	ND	300
chrysene	ND	300
bis(2-ethylhexyl)phthalate	ND	300
di-n-octylphthalate	ND	300
benzo(b,k)fluoranthene	ND	300
Benzo(a)Pyrene	ND	300
Indeno(1,2,3)Pyrene	ND	300
dibenzo[a,h]anthracene	ND	300
9H-Carbazole	ND	300
Benzo(g,h,i)Perylene	ND	300
>> Surrogate Recoveries (%) <<		
2-fluorophenol	88	
phenol-d5	96	
nitrobenzene-d5	93	
2-fluorobiphenyl	108	
2,4,6-tribromophenol	100	
[illegible]rphenyl-d14	105	

Superior Analytical Laboratory

Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 20600

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
For Soil Matrix (ug/Kg) BL111.24 02 / 03 - Laboratory Control Spikes						
phenol		3300	2778/2884	84/87	26-90	4
2-chlorophenol		3300	2969/3068	90/93	25-102	3
1,4-dichlorobenzene		1650	1640/1578	99/96	28-104	3
n-nitroso-di-n-propylamine		1650	1780/1744	108/106	41-126	2
1,2,4-trichlorobenzene		1650	1821/1722	110/104	38-107	6
4-chloro-3-methylphenol		3300	3097/3221	94/98	26-103	4
Acenaphthene		1650	2148/2109	130/128	31-137	2
2,4-dinitrotoluene		1650	1678/1690	102/102	28-89	0
4-nitrophenol		3300	2651/3032	80/92	11-114	14
pentachlorophenol		3300	2722/2819	82/85	17-109	4
pyrene		1650	2109/2039	128/124	35-142	3
<< Surrogate Recoveries (%) <<						
2-fluorophenol				99/95	25-121	
phenol-d5				98/95	24-113	
nitrobenzene-d5				97/93	23-120	
2-fluorobiphenyl				111/107	30-115	
2,4,6-tribromophenol				105/98	19-122	
terphenyl-d14				112/104	18-137	
For Soil Matrix (ug/Kg) BL111.24 04 / 05 - Sample Spiked: 20610 - 01						
phenol	ND	3300	2633/2680	80/81	26-90	1
2-chlorophenol	ND	3300	2696/2818	82/85	25-102	4
1,4-dichlorobenzene	ND	1650	1395/1423	85/86	28-104	1
n-nitroso-di-n-propylamine	ND	1650	1585/1685	96/102	41-126	6
1,2,4-trichlorobenzene	ND	1650	1517/1550	92/94	38-107	2
4-chloro-3-methylphenol	ND	3300	2958/3059	90/93	26-103	3
Acenaphthene	ND	1650	1909/1937	116/117	31-137	1
2,4-dinitrotoluene	ND	1650	1513/1650	92/100	28-89	8
4-nitrophenol	ND	3300	2802/3187	85/97	11-114	13
pentachlorophenol	ND	3300	2670/2695	81/82	17-109	1

Superior Analytical Laboratory

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 20600

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPI %
pyrene	ND	1650	1901/1877	115/114	35-142	1
>> Surrogate Recoveries (%) <<						
2-fluorophenol				87/89	25-121	
phenol-d5				88/88	24-113	
nitrobenzene-d5				85/90	23-120	
2-fluorobiphenyl				101/102	30-115	
2,4,6-tribromophenol				92/91	19-122	
terphenyl-d14				98/93	18-137	

I - The surrogate recovery was high due to the presence of interfering compounds in the sample.

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

Compliance & Closure, Inc. 20600

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

PROJECT NO.	PROJECT NAME/SITE
12058-1	265 30th street Oakland, CA

SAMPLERS (SIGN) Gary R. Mulkey (PRINT) Gary R. Mulkey

ANALYSIS REQUESTED

P.O. #:

Samples kept @ 4°C

SAMPLE IDENTIFICATION	DATE	TIME	COMP	GRAB	PRES. USED	ICED	NO. CONTAINERS	SAMPLE TYPE	BTEX (602/8020)	TPHg (8015)	TPHd (8015)	TOG 418.1/5520	601/8010	624/8240	625/8270	REMARKS
S-1	12/7/95	11:45		X	None	X	1	S,L	X	X	X				X	8270 Run for benzo(a) Pyrene & Naphthalene only
S-2	12/7/95	11:55		X	None	X	1	S,L	X	X	X				X	
S-3	12/7/95	11:58		X	None	X	1	S,L	X	X	X				X	
S-4	12/7/95	12:20		X	None	X	1	S,L	X	X	X				X	
S-5	12/7/95	2:05		X	None	X	1	S,L	X	X	X				X	
S-6	12/7/95	2:45		X	None	X	1	S,L	X	X	X				X	

Please initial: PT
Samples Stored in ice: Y (T = cool)
Appropriate containers: Y
Samples preserved: N
VOA's without headspace: N/A
Comments:

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Gary R. Mulkey	12/7/95	3:33	
RELINQUISHED BY	DATE	TIME	RECEIVED BY:
RELINQUISHED BY	DATE	TIME	RECEIVED BY:
RELINQUISHED BY	DATE	TIME	RECEIVED BY LABORATORY

LABORATORY: Superior Analytical, Inc Martinez, CA

REQUESTED TURNAROUND TIME: Normal

RECEIPT CONDITION: See Stamp

PLEASE SEND RESULTS TO:

COMPLIANCE & CLOSURE
7020 KOLL CENTER
SUITE 134
PLEASANTON, CA 94566
(510) 426-5395

PROJECT MANAGER: GARY R. MULKEY

Superior
Analytical Laboratory

C[redacted]LIANCE & CLOSURE, INC.
A[redacted]: GARY MULKEY

Project 12058-1
Reported on December 15, 1995

Total Extractable Petroleum Hydrocarbons
by EPA SW-846 Method 8015M

Chronology

Laboratory Number 20600

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
S-1	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	01
S-2	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	02
S-3	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	03
S-4	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	04
S-5	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	05
S-6	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	06
SP-1	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	07
SP-2	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	08
SP-3	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	09
SP-4	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	10
SP-5	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	11
SP-6	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	12
SP-7	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	13
SP-8	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	14
SP-9	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	15
[redacted]-10	12/07/95	12/07/95	12/11/95	12/12/95	BL111.21	16

[redacted] Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
BL111.21-01	Method Blank	MB	Soil	12/11/95	12/11/95
BL111.21-02	Laboratory Spike	LS	Soil	12/11/95	12/11/95
BL111.21-03	Laboratory Spike Duplicate	LSD	Soil	12/11/95	12/11/95
BL111.21-04	S-1	MS 20600-01	Soil	12/11/95	12/12/95
BL111.21-05	S-1	MSD 20600-01	Soil	12/11/95	12/12/95

Superior
Analytical Laboratory

C[illegible]LIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 1995

Total Extractable Petroleum Hydrocarbons
by EPA SW-846 Method 8015M

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-01	S-1	Soil	10.0	-
20600-02	S-2	Soil	1.0	-
20600-03	S-3	Soil	100.0	-
20600-04	S-4	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-01 Conc. mg/kg	RL	20600-02 Conc. mg/kg	RL	20600-03 Conc. mg/kg	RL	20600-04 Conc. mg/kg	RL
Diesel:	ND##	10	ND	1	ND##	100	ND	1
>> Surrogate Recoveries (%) <<								
Tetracosane	215I		107		165I		113	

Superior
Analytical Laboratory

C[redacted]LIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 1995

Total Extractable Petroleum Hydrocarbons
by EPA SW-846 Method 8015M

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-05	S-5	Soil	1.0	-
20600-06	S-6	Soil	1.0	-
20600-07	SP-1	Soil	1.0	-
20600-08	SP-2	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-05 Conc. mg/kg	RL	20600-06 Conc. mg/kg	RL	20600-07 Conc. mg/kg	RL	20600-08 Conc. mg/kg	RL
Diesel:	ND	1	ND**	1	ND@@	1	NDXX	1
>> Surrogate Recoveries (%) <<								
Tetracosane	98		106		113		114	

Superior
Analytical Laboratory

C[illegible]LIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 1995

Total Extractable Petroleum Hydrocarbons
by EPA SW-846 Method 8015M

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-09	SP-3	Soil	1.0	-
20600-10	SP-4	Soil	1.0	-
20600-11	SP-5	Soil	1.0	-
20600-12	SP-6	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-09 Conc. mg/kg	RL	20600-10 Conc. mg/kg	RL	20600-11 Conc. mg/kg	RL	20600-12 Conc. mg/kg	RL
Diesel:	ND	1	NDXX	1	NDXX	1	ND@@	1
>> Surrogate Recoveries (%) <<								
Tetracosane	116		108		114		118	

C[illegible]LIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 1995

Total Extractable Petroleum Hydrocarbons
by EPA SW-846 Method 8015M

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-13	SP-7	Soil	1.0	-
20600-14	SP-8	Soil	1.0	-
20600-15	SP-9	Soil	1.0	-
20600-16	SP-10	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-13 Conc. mg/kg	RL	20600-14 Conc. mg/kg	RL	20600-15 Conc. mg/kg	RL	20600-16 Conc. mg/kg	RL
Diesel:	ND**	1	ND@@	1	ND@@	1	ND@@	1
>> Surrogate Recoveries (%) <<								
Tetracosane	113		96		97		101	

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Total Extractable Petroleum Hydrocarbons
by EPA SW-846 Method 8015M

Quality Assurance and Control Data

Laboratory Number: 20600
Method Blank(s)

	BL111.21-01 Conc. mg/kg	RL
Diesel:	ND	1
>> Surrogate Recoveries (%) <<		
Tetracosane	121	

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Total Extractable Petroleum Hydrocarbons
by EPA SW-846 Method 8015M

Quality Assurance and Control Data

Laboratory Number: 20600

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
		For Soil Matrix (mg/Kg)				
	BL111.21	02 / 03 - Laboratory Control Spikes				
Diesel:		33	32/41	97/124	50-150	24
>> Surrogate Recoveries (%) <<						
Tetracosane				109/129	50-150	
		For Soil Matrix (mg/Kg)				
	BL111.21	04 / 05 - Sample Spiked: 20600 - 01				
Diesel:	ND	33	59N/50N	179/152	50-150	16
>> Surrogate Recoveries (%) <<						
Tetracosane				260I/180I	50-150	

N[redacted]ative:

- Sample does not contain diesel however significant levels of lighter hydrocarbons are present. Sample reporting limit raised due to significant levels of lighter hydrocarbons.

@@ - Sample does not contain diesel, however lighter and heavier hydrocarbons are present.

XX - Heavier hydrocarbons are present. Sample does not contain diesel.

I - The surrogate recovery was high due to the presence of interfering compounds in the sample.

** - Hydrocarbons were found in the range of diesel, but do not resemble a diesel fingerprint.

I - The surrogate recovery was high due to the presence of interfering compounds in the sample.

N[redacted]Spike sample recovery not within control limits.

De[redacted]nitions:

ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

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[redacted]LIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 1995

Total Recoverable Hydrocarbons by EPA Method 418.1

Chronology

Laboratory Number 20600

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
SP-1	12/07/95	12/07/95	12/14/95	12/14/95	BL142.13	07
SP-2	12/07/95	12/07/95	12/14/95	12/14/95	BL142.13	08
SP-3	12/07/95	12/07/95	12/14/95	12/14/95	BL142.13	09
SP-4	12/07/95	12/07/95	12/14/95	12/14/95	BL142.13	10
SP-5	12/07/95	12/07/95	12/14/95	12/14/95	BL142.13	11
SP-6	12/07/95	12/07/95	12/14/95	12/14/95	BL142.13	12
SP-7	12/07/95	12/07/95	12/14/95	12/14/95	BL142.13	13
SP-8	12/07/95	12/07/95	12/14/95	12/14/95	BL142.13	14
SP-9	12/07/95	12/07/95	12/14/95	12/14/95	BL142.13	15
SP-10	12/07/95	12/07/95	12/14/95	12/14/95	BL142.13	16

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
[redacted]142.13-01	Method Blank	MB	Soil	12/14/95	12/14/95
[redacted]142.13-02	Laboratory Spike	LS	Soil	12/14/95	12/14/95
[redacted]142.13-03	Laboratory Spike Duplicate	LSD	Soil	12/14/95	12/14/95
BL142.13-04	SP-10	MS 20600-16	Soil	12/14/95	12/14/95
BL142.13-05	SP-10	MSD 20600-16	Soil	12/14/95	12/14/95

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Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 1995

Total Recoverable Hydrocarbons by EPA Method 418.1

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-07	SP-1	Soil	1.0	-
20600-08	SP-2	Soil	1.0	-
20600-09	SP-3	Soil	1.0	-
20600-10	SP-4	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-07 Conc. mg/kg	RL	20600-08 Conc. mg/kg	RL	20600-09 Conc. mg/kg	RL	20600-10 Conc. mg/kg	RL
Petroleum Hydrocarbons	ND	20	39	20	ND	20	ND	20

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Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 1995

Total Recoverable Hydrocarbons by EPA Method 418.1

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-11	SP-5	Soil	1.0	-
20600-12	SP-6	Soil	1.0	-
20600-13	SP-7	Soil	1.0	-
20600-14	SP-8	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-11 Conc. mg/kg	RL	20600-12 Conc. mg/kg	RL	20600-13 Conc. mg/kg	RL	20600-14 Conc. mg/kg	RL
Petroleum Hydrocarbons	ND	20	ND	20	ND	20	ND	20

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Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 1995

Total Recoverable Hydrocarbons by EPA Method 418.1

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-15	SP-9	Soil	1.0	-
20600-16	SP-10	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-15 Conc. mg/kg	RL	20600-16 Conc. mg/kg	RL
Petroleum Hydrocarbons	55	20	ND	20

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Total Recoverable Hydrocarbons by EPA Method 418.1

Quality Assurance and Control Data

Laboratory Number: 20600
Method Blank(s)

	BL142.13-01	
	Conc.	RL
	mg/kg	
Petroleum Hydrocarbons	ND	20

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Total Recoverable Hydrocarbons by EPA Method 418.1

Quality Assurance and Control Data

Laboratory Number: 20600

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
		For Soil Matrix (mg/kg)				
	BL142.13	02 / 03 - Laboratory Control Spikes				
Petroleum Hydrocarbons		100	91/86	91/86	75-125	6
		For Soil Matrix (mg/kg)				
	BL142.13	04 / 05 - Sample Spiked: 20600 - 16				
Petroleum Hydrocarbons	ND	100	83/83	83/83	75-125	0

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

Superior Analytical Laboratory

CERTIFICATE OF ANALYSIS

Laboratory No.: 20600
Client: COMPLIANCE & CLOSURE, INC.
Client Job No.: 12058-1

Date Received: December 7, 1995
Date Reported: December 15, 1995

Flashpoint by EPA Method 1010
60 degrees C = 140 degrees F

#	Sample ID	Date Sampled	Date Analyzed	Analyte	Results		Unit
08	SP-2	12/07/95	12/12/95	Flashpoint	ND	60	C
09	SP-3	12/07/95	12/13/95	Flashpoint	ND	60	C
10	SP-4	12/07/95	12/13/95	Flashpoint	ND	60	C
11	SP-5	12/07/95	12/14/95	Flashpoint	ND	60	C

Senior Chemist
Account Manager

Compliance & Closure, Inc. 20600

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

PROJECT NO.	PROJECT NAME/SITE	P.O. #:
12058-1	265 30th street, oakland, CA	

SAMPLERS (SIGN) Gary R. Mulkey (PRINT) Gary R. Mulkey

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION	DATE	TIME	COMP	GRAB	PRES. USED	ICED	NO. CONTAINERS	SAMPLE TYPE	BTEX (602/8020)	TPHg (8015)	TPHd (8015)	TOG (418.1/5520)	601/8010	624/8240	625/8270	R.C.I.	Lead Total	REMARKS
Sp-1	12/7/95	1:05		X	None	X	1	S.L.	X	X	X	X				X		
Sp-2	12/7/95	1:25		X		X	1		X	X	X	X				X		
Sp-3	12/7/95	1:07		X		X	1		X	X	X	X				X		
Sp-4	12/7/95	1:15		X		X	1		X	X	X	X				X		
Sp-5	12/7/95	1:21		X		X	1		X	X	X	X				X	X	
Sp-6	12/7/95	1:27		X		X	1		X	X	X	X				X		
Sp-7	12/7/95	1:32		X		X	1		X	X	X	X				X		
Sp-8	12/7/95	1:42		X		X	1		X	X	X	X				X		
Sp-9	12/7/95	1:45		X		X	1		X	X	X	X				X		
Sp-10	12/7/95	1:48		X		X	1		X	X	X	X				X		

samples kept @ 4°C

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Gary R Mulkey	12/7/95	3:30	
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
RELINQUISHED BY	DATE	TIME	RECEIVED BY:
RELINQUISHED BY	DATE	TIME	RECEIVED BY LABORATORY

LABORATORY: Superior Analytical Martinez, CA

REQUESTED TURNAROUND TIME: Normal

RECEIPT CONDITION:

PLEASE SEND RESULTS TO:

COMPLIANCE & CLOSURE
7020 KOLL CENTER
SUITE 134
PLEASANTON, CA 94566
(510) 426-5395

PROJECT MANAGER: GARY R. MULKEY

Superior Analytical Laboratory

MPLIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 1995

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Chronology

Laboratory Number 20600

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
S-1	12/07/95	12/07/95	12/15/95	12/15/95	BL141.37	01
S-2	12/07/95	12/07/95	12/14/95	12/14/95	BL141.37	02
S-3	12/07/95	12/07/95	12/15/95	12/15/95	BL141.37	03
S-4	12/07/95	12/07/95	12/14/95	12/14/95	BL131.05	04
S-5	12/07/95	12/07/95	12/14/95	12/14/95	BL131.05	05
S-6	12/07/95	12/07/95	12/14/95	12/14/95	BL131.05	06
SP-1	12/07/95	12/07/95	12/14/95	12/14/95	BL131.05	07
SP-2	12/07/95	12/07/95	12/14/95	12/14/95	BL131.05	08
SP-3	12/07/95	12/07/95	12/14/95	12/14/95	BL131.05	09
SP-4	12/07/95	12/07/95	12/14/95	12/14/95	BL141.37	10
SP-5	12/07/95	12/07/95	12/14/95	12/14/95	BL141.37	11
SP-6	12/07/95	12/07/95	12/14/95	12/14/95	BL141.37	12
SP-7	12/07/95	12/07/95	12/14/95	12/14/95	BL141.37	13
SP-8	12/07/95	12/07/95	12/14/95	12/14/95	BL141.37	14
SP-9	12/07/95	12/07/95	12/15/95	12/15/95	BL141.37	15
SP-10	12/07/95	12/07/95	12/14/95	12/14/95	BL141.37	16

QC Samples

QC Batch #	QC Sample ID	Type	Ref.	Matrix	Extract.	Analyzed
BL131.05-02	Laboratory Spike	LS		Soil	12/13/95	12/13/95
BL131.05-12	MW-1 @ 5'	MS	20595-01	Soil	12/13/95	12/13/95
BL131.05-13	MW-1 @ 5'	MSD	20595-01	Soil	12/13/95	12/13/95
BL141.37-03	Laboratory Spike	LS		Soil	12/14/95	12/14/95
BL141.37-07	S-2	MS	20600-02	Soil	12/14/95	12/14/95
BL141.37-08	S-2	MSD	20600-02	Soil	12/14/95	12/14/95
BL131.05-01	Method Blank	MB		Soil	12/13/95	12/13/95
BL141.37-02	Method Blank	MB		Soil	12/14/95	12/14/95
BL131.05-03	Laboratory Spike	LS		Soil	12/13/95	12/13/95
BL131.05-14	MW-1 @ 5'	MS	20595-01	Soil	12/13/95	12/13/95
BL131.05-15	MW-1 @ 5'	MSD	20595-01	Soil	12/13/95	12/13/95
BL141.37-04	Laboratory Spike	LS		Soil	12/14/95	12/14/95
BL141.37-09	S-2	MS	20600-02	Soil	12/14/95	12/14/95
BL141.37-10	S-2	MSD	20600-02	Soil	12/14/95	12/14/95

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[redacted]MPLIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 1995

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-01	S-1	Soil	10.0	-
20600-02	S-2	Soil	1.0	-
20600-03	S-3	Soil	250.0	-
20600-04	S-4	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-01 Conc. mg/kg	RL	20600-02 Conc. mg/kg	RL	20600-03 Conc. mg/kg	RL	20600-04 Conc. mg/kg	RL
Gasoline_Range	390	10	ND	1	6700	250	2	1
[redacted]nzene	ND	0.050	ND	0.005	ND	1.3	ND	0.005
[redacted]luene	2.0	0.050	ND	0.005	35	1.3	0.019	0.005
[redacted]yl Benzene	1.4	0.050	ND	0.005	25	1.3	0.016	0.005
Xylenes	5.1	0.050	ND	0.005	67	1.3	0.047	0.005
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (SS)	77		106		87		106	

Superior Analytical Laboratory

[redacted]MPLIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 199[redacted]

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-05	S-5	Soil	1.0	-
20600-06	S-6	Soil	1.0	-
20600-07	SP-1	Soil	1.0	-
20600-08	SP-2	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-05 Conc. mg/kg	RL	20600-06 Conc. mg/kg	RL	20600-07 Conc. mg/kg	RL	20600-08 Conc. mg/kg	RL
Gasoline_Range	ND	1	ND	1	1	1	ND	1
[redacted]enzene	ND	0.005	ND	0.005	ND	0.005	ND	0.005
[redacted]oluene	ND	0.005	ND	0.005	0.010	0.005	ND	0.005
[redacted]hyl Benzene	ND	0.005	ND	0.005	0.017	0.005	ND	0.005
Xylenes	ND	0.005	ND	0.005	0.041	0.005	ND	0.005
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (SS)	101		100		105		103	

Superior Analytical Laboratory

[redacted]MPLIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 199[redacted]

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-09	SP-3	Soil	1.0	-
20600-10	SP-4	Soil	1.0	-
20600-11	SP-5	Soil	1.0	-
20600-12	SP-6	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-09 Conc. mg/kg	RL	20600-10 Conc. mg/kg	RL	20600-11 Conc. mg/kg	RL	20600-12 Conc. mg/kg	RL
Gasoline_Range	ND	1	ND	1	ND	1	2	1
[redacted]enzene	ND	0.005	ND	0.005	ND	0.005	ND	0.005
[redacted]luene	ND	0.005	ND	0.005	ND	0.005	ND	0.005
[redacted]hyl Benzene	ND	0.005	ND	0.005	ND	0.005	ND	0.005
Xylenes	ND	0.005	ND	0.005	ND	0.005	0.011	0.005
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (SS)	102		102		118		105	

Superior Analytical Laboratory

[redacted]MPLIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 15, 199[redacted]

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-13	SP-7	Soil	1.0	-
20600-14	SP-8	Soil	1.0	-
20600-15	SP-9	Soil	5.0	-
20600-16	SP-10	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-13 Conc. mg/kg	RL	20600-14 Conc. mg/kg	RL	20600-15 Conc. mg/kg	RL	20600-16 Conc. mg/kg	RL
Gasoline_Range	ND	1	ND	1	270	5	3	1
[redacted]enzene	ND	0.005	ND	0.005	ND	0.025	ND	0.005
[redacted]oluene	ND	0.005	ND	0.005	1.6	0.025	ND	0.005
[redacted]hyl Benzene	ND	0.005	ND	0.005	0.80	0.025	0.012	0.005
[redacted]ylenes	ND	0.005	ND	0.005	1.5	0.025	0.022	0.005
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (SS)	103		98		88		108	

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Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 20600
Method Blank(s)

	BL131.05-01		BL141.37-02	
	Conc. mg/kg	RL	Conc. mg/kg	RL
Gasoline_Range	ND	1	ND	1
Benzene	ND	0.005	ND	0.005
Toluene	ND	0.005	ND	0.005
Ethyl Benzene	ND	0.005	ND	0.005
Xylenes	ND	0.005	ND	0.005
>> Surrogate Recoveries (%) <<				
[illegible]rifluorotoluene (SS)	100		104	

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Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 20600

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPI %
For Soil Matrix (mg/kg)						
BL131.05 02 / - Laboratory Control Spikes						
Benzene		0.200	0.21	105	65-125	
Toluene		0.200	0.22	110	65-125	
Ethyl Benzene		0.200	0.21	105	65-125	
Xylenes		0.600	0.64	107	65-125	
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				103	50-150	
For Soil Matrix (mg/kg)						
BL141.37 03 / - Laboratory Control Spikes						
Benzene		0.200	0.19	95	65-125	
Toluene		0.200	0.20	100	65-125	
Ethyl Benzene		0.200	0.20	100	65-125	
Xylenes		0.600	0.57	95	65-125	
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				105	50-150	
For Soil Matrix (mg/kg)						
BL131.05 03 / - Laboratory Control Spikes						
Gasoline_Range		20	20	100	65-135	
For Soil Matrix (mg/kg)						
BL141.37 04 / - Laboratory Control Spikes						
Gasoline_Range		20	19	95	65-135	

Superior
Analytical Laboratory

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 20600

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPI %
		For Soil Matrix (mg/kg)				
	BL131.05	12 / 13 - Sample Spiked: 20595 - 01				
Benzene	ND	0.200	0.18/0.19	90/95	65-125	5
Toluene	ND	0.200	0.19/0.21	95/105	65-125	10
Ethyl Benzene	ND	0.200	0.19/0.20	95/100	65-125	5
Xylenes	ND	0.600	0.58/0.61	97/102	65-125	5
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				98/98	50-150	
		For Soil Matrix (mg/kg)				
	BL141.37	07 / 08 - Sample Spiked: 20600 - 02				
Benzene	ND	0.200	0.18/0.19	90/95	65-125	5
Toluene	ND	0.200	0.19/0.20	95/100	65-125	5
Ethyl Benzene	ND	0.200	0.19/0.20	95/100	65-125	5
Xylenes	ND	0.600	0.54/0.56	90/93	65-125	3
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				105/104	50-150	
		For Soil Matrix (mg/kg)				
	BL131.05	14 / 15 - Sample Spiked: 20595 - 01				
Gasoline_Range	ND	20	19/19	95/95	65-135	0
		For Soil Matrix (mg/kg)				
	BL141.37	09 / 10 - Sample Spiked: 20600 - 02				
Gasoline_Range	ND	20	19/18	95/90	65-135	5

rative:

Definitions:

ND	=	Not Detected
RL	=	Reporting Limit
NA	=	Not Analysed
RPD	=	Relative Percent Difference
ug/L	=	parts per billion (ppb)
mg/L	=	parts per million (ppm)
ug/kg	=	parts per billion (ppb)
mg/kg	=	parts per million (ppm)

Superior Analytical Laboratory

CERTIFICATE OF ANALYSIS

Laboratory No.: 20600
Client: COMPLIANCE & CLOSURE, INC.
Client Job No.: 12058-1

Date Received: December 7, 1995
Date Reported: December 21, 1995

Analysis for pH by EPA Method 9045

#	Sample ID	Date Sampled	Date Analyzed	Analyte	Results	
07	SP-1	12/07/95	12/12/95	pH	8.35	0
08	SP-2	12/07/95	12/12/95	pH	8.07	0
09	SP-3	12/07/95	12/12/95	pH	7.85	0
10	SP-4	12/07/95	12/12/95	pH	8.09	0
11	SP-5	12/07/95	12/12/95	pH	7.58	0
12	SP-6	12/07/95	12/12/95	pH	7.88	0
[redacted]	SP-7	12/07/95	12/12/95	pH	8.78	0
[redacted]	SP-8	12/07/95	12/12/95	pH	8.19	0
15	SP-9	12/07/95	12/12/95	pH	8.18	0
16	SP-10	12/07/95	12/12/95	pH	7.75	0
QC	DUP - SP-9	Soil	12/15/95	pH	8.11/8.18	RPD= 1 (<25)
QC	DUP - SP-9	Soil	12/13/95			

Senior Chemist
Account Manager

Superior
Analytical Laboratory

[redacted]PLIANCE & CLOSURE, INC.
[redacted]n: GARY MULKEY

Project 12058-1
Reported on December 19, 1995

EPA SW-846 Method 6010 and/or 7000 Series Metals

Chronology

Laboratory Number 20600

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
SP-5	12/07/95	12/07/95	12/11/95	12/11/95	BL111.44	11

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
BL111.44-01	Method Blank	MB	Soil	12/11/95	12/11/95
BL111.44-02	Laboratory Spike	LS	Soil	12/11/95	12/11/95
BL111.44-03	Laboratory Spike Duplicate	LSD	Soil	12/11/95	12/11/95
BL111.44-04	NPD-WD-1	MS 20610-01	Soil	12/11/95	12/11/95
BL111.44-05	NPD-WD-1	MSD 20610-01	Soil	12/11/95	12/11/95

Superior
Analytical Laboratory

COMPLIANCE & CLOSURE, INC.
Attn: GARY MULKEY

Project 12058-1
Reported on December 19, 1995

EPA SW-846 Method 6010 and/or 7000 Series Metals

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
20600-11	SP-5	Soil	1.0	-

R E S U L T S O F A N A L Y S I S

Compound	20600-11 Conc.	RL mg/kg
Lead (SW-846 6010)	5.8	2.5

Superior Analytical Laboratory

EPA SW-846 Method 6010 and/or 7000 Series Metals

Quality Assurance and Control Data

Laboratory Number: 20600
Method Blank(s)

	BL111.44-01	
	Conc.	RL
	mg/kg	
Lead (SW-846 6010)	ND	2.5

Superior Analytical Laboratory

EPA SW-846 Method 6010 and/or 7000 Series Metals

Quality Assurance and Control Data

Laboratory Number: 20600

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
		For Soil Matrix (mg/kg)				
	BL111.44	02 / 03 - Laboratory Control Spikes				
Lead (SW-846 6010)		50	51.6/52	103/104	75-125	1
		For Soil Matrix (mg/kg)				
	BL111.44	04 / 05 - Sample Spiked: 20610 - 01				
Lead (SW-846 6010)	6	50	56.2/51.6	100/91	75-125	9

G - The variation in spike recoveries reflects the nonhomogeneity of the sample.
R - MS and/or MSD recoveries were out of control limits. LCS / LCSD recoveries were within acceptable limits.

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

Western Operations

1252 Quarry Lane
P.O. Box 9019
Pleasanton, CA 94566
(510) 426-2600
Fax (510) 426-0106

Clayton
ENVIRONMENTAL
CONSULTANTS

December 21, 1995

Ms. Sandra Cassina Kea
SUPERIOR ANALYTICAL LABORATORY
825 Arnold Drive, Suite 114
Martinez, CA 94553

Client Ref.: 12058-1/20600
Clayton Project No.: 95121.03

Dear Ms. Kea:

Attached is our analytical laboratory report for the samples received on December 8, 1995. Following the cover letter is the Quality Control Narrative detailing sample information/problems and a summary of the quality control issues. Also enclosed is a copy of the Chain-of-Custody record acknowledging receipt of these samples.

Please note that any unused portion of the samples will be discarded after January 20, 1996, unless you have requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact Suzanne Haus, Client Services Supervisor, at (510) 426-2657.

Sincerely,

Andrea Bradeen for
Harriotte A. Hurley, CIH
Director, Laboratory Services
San Francisco Regional Office

HAH/tjb

Attachments

QUALITY CONTROL NARRATIVE
for
Superior Analytical Laboratory
Client Reference: 12058-1/20600
Clayton Project No. 95121.03

Sample Information/Problems:

There were no problems with sample receipt.

Analytical Problems:

No problems were encountered with the sample analyses.

Quality Control:

The quality control data is summarized in the Quality Assurance Data Package, which follows the analytical report.

- MS/MSD: A matrix spike and matrix spike duplicate were analyzed where applicable, and all results were acceptable.
- ICV/CCV: Response for all analytes met Clayton acceptance criteria.

Clayton
ENVIRONMENTAL
CONSULTANTS

Quality Assurance Results Summary

Matrix Spike/Matrix Spike Duplicate Results

for

Clayton Project No. 95121.03

[redacted] Quality Assurance Results Summary – [redacted] Spike/Matrix Spike Duplicate [redacted]

for

Clayton Project No. 95121.03

Clayton Lab Number:	9512103-10A	Analytical Method:	EPA 7.3.3.2
Ext./Prep. Method:	EPA 7.3.3.2	Instrument ID:	07487
Date:	12/18/95	Date:	12/20/95
Analyst:	TT	Time:	12:45
Std. Source:	MALL 6881	Analyst:	HYW
Sample Matrix/Media:	SOIL	Units:	mg/Kg
		QC Batch No:	9512203H

Analyte	Sample Result	Spike Level	Matrix Spike Result	MS Recovery (%)	Matrix Spike Duplicate Result	MSD Recovery (%)	Average Recovery (% R)	LCL (% R)	UCL (% R)	RPD (%)	UCL (%RPD)
REACTIVE CYANIDE	ND	2.00	1.45	72	1.47	74	73	50	125	1.9	25

ND = Not detected at or above limit of detection
SOR = Spike out of range due to high sample concentration.

LCL = Lower Control Limit

UCL = Upper Control Limit

Quality Assurance Results Summary - [redacted] Spike/Matrix Spike Duplicate

for

Clayton Project No. 95121.03

Clayton Lab Number:	9512103-10A	Analytical Method:	EPA 7.3.4.2
Ext./Prep. Method:	EPA 7.3.4.2	Instrument ID:	00008
Date:	12/18/95	Date:	12/19/95
Analyst:	TT	Time:	11:10
Std. Source:	BAKER 611700	Analyst:	HYW
Sample Matrix/Media:	SOIL	Units:	mg/Kg
		QC Batch No:	9512191H

Analyte	Sample Result	Spike Level	Matrix Spike Result	MS Recovery (%)	Matrix Spike Duplicate Result	MSD Recovery (%)	Average Recovery (% R)	LCL (% R)	UCL (% R)	RPD (%)	UCL (%RPD)
REACTIVE SULFIDE	ND	272	272	100	264	97	99	50	125	3.0	30

ND = Not detected at or above limit of detection
SOR = Spike out of range due to high sample concentration.

LCL = Lower Control Limit

UCL = Upper Control Limit

951210

CHAIN OF CUSTODY AND ANALYSIS REQUEST

SALs Job Number: 20600

To: Paula -426-0172.. From: Sandra Kea

Superior Analytical Laboratory
825 Arnold Dr. Suite 114
Martinez, CA 94553
Fax/Tel.: 510-229-1526/510-313-0850
Contact: Sandra Cassina Kea

Bill to: Superior Analytical Laboratory
P.O. Box. 2648
Martinez, California 94553

Project: 12058-1
P.O.: 20600

Work Subcontracted to : Clayton Env. Consultants
1252 Quarry Lane
Pleasanton, CA 94566
Phone 510-4262657 Fax 510-.

Lab#	Client ID	Sampled	#Con	Pres.	Due	Analysis
07	SP-1	SO 12/07/95	1		12/14/95	REACT
08	SP-2	SO 12/07/95	1		12/14/95	REACT
09	SP-3	SO 12/07/95	1		12/14/95	REACT
10	SP-4	SO 12/07/95	1		12/14/95	REACT
11	SP-5	SO 12/07/95	1		12/14/95	REACT
12	SP-6	SO 12/07/95	1		12/14/95	REACT
13	SP-7	SO 12/07/95	1		12/14/95	REACT
14	SP-8	SO 12/07/95	1		12/14/95	REACT
15	SP-9	SO 12/07/95	1		12/14/95	REACT
16	SP-10	SO 12/07/95	1		12/14/95	REACT

22

Use client sample ID on C.O.A !

[ ] Fax invoice or quote ASAP [X] Fax results to SAL-Martinez
[ ] Fax results to our client

Samples stored in ice : ____ Appropriate Containers : ____ Samples preserved : ____ VOAs without headspace : ____

Relinquished By: _____ Date: / / Time : Received By: _____ Date: / / Time :
Relinquished By: _____ Date: / / Time : Received By: _____ Date: / / Time :

CHAIN OF CUSTODY AND ANALYSIS REQUEST

9512103

SALs Job Number: 20600

Superior Analytical Laboratory 825 Arnold Dr. Suite 114 Martinez, CA 94553 Fax/Tel.: 510-229-1526/510-313-0850 Contact: Sandra Cassina Kea	Bill to: Superior Analytical Laboratory P.O. Box. 2648 Martinez, California 94553 Project: 12058-1 P.O.: 20600

Work Subcontracted to : Clayton Env. Consultants
1252 Quarry Lane
Pleasanton, CA 94566
Phone 510-4262657 Fax 510-

Lab#	Client ID	Sampled	#Con	Pres.	Due	Analysis
07	SP-1	SO 12/07/95	1		12/14/95	REACT 01
08	SP-2	SO 12/07/95	1		12/14/95	REACT 02
09	SP-3	SO 12/07/95	1		12/14/95	REACT 03
10	SP-4	SO 12/07/95	1		12/14/95	REACT 04
11	SP-5	SO 12/07/95	1		12/14/95	REACT 05
12	SP-6	SO 12/07/95	1		12/14/95	REACT 06
13	SP-7	SO 12/07/95	1		12/14/95	REACT 07
14	SP-8	SO 12/07/95	1		12/14/95	REACT 08
15	SP-9	SO 12/07/95	1		12/14/95	REACT 09
16	SP-10	SO 12/07/95	1		12/14/95	REACT 10

Use client sample ID on C.O.A !

[ ] Fax invoice or quote ASAP [X] Fax results to SAL-Martinez
[ ] Fax results to our client

Samples stored on ice : ___ Appropriate Containers : ___ Samples preserved : ___ VOAs without headspace : ___

Relinquished By: _____ Date: 12/08/95 Time 1:55 Received By: _____ Date: 12/8/94 Time 1:55

Relinquished By: _____ Date: 12/8/95 Time 2:57 Received By: _____ Date: 12/8/95 Time 2:57pm

CHAIN OF CUSTODY AND ANALYSIS REQUEST

SALs Job Number: 20600 **9512253**

Superior Analytical Laboratory 525 Arnold Dr. Suite 114 Martinez, CA 94553 Fax/Tel.: 510-229-1526/510-313-0850 Contact: Sandra Cassina Kea	Bill to: Superior Analytical Laboratory P.O. Box. 2648 Martinez, California 94553 Project: 12058-1 P.O.: 20600

Work Subcontracted to : Clayton Env. Consultants
1252 Quarry Lane
Pleasanton, CA 94566
Phone 510-4262657 Fax 510-

Lab#	Client ID	Sampled	#Con	Pres.	Due	Analysis
12	SP-6	SO 12/07/95	1	NO	12/15/95	FLASHPT
13	SP-7	SO 12/07/95	1	NO	12/15/95	FLASHPT
14	SP-8	SO 12/07/95	1	NO	12/15/95	FLASHPT
15	SP-9	SO 12/07/95	1	NO	12/15/95	FLASHPT
16	SP-10	SO 12/07/95	1	NO	12/15/95	FLASHPT

Use client sample ID on C.O.A !

[ ] Fax invoice or quote ASAP [X] Fax results to SAL-Martinez
[ ] Fax results to our client

Samples stored in ice : ____ Appropriate Containers : ____ Samples preserved : ____ VOAs without headspace : ____

Relinquished By: [signature] Date: 12/20/95 Time: 10:05 Received By: [signature] Date: 12/20/95 Time: 10:05

Relinquished By: [signature] Date: 12/20/95 Time: 2:55 Received By: [signature] Date: 12/20/95 Time: 2:55

Analytical Results
for
Superior Analytical Laboratory
Client Reference: 12058-1/20600
Clayton Project No. 95122.53

Sample Identification: See Below
Lab Number: 9512253
Sample Matrix/Media: SOIL
Method Reference: EPA 1030

Date Received: 12/20/95
Date Analyzed: 12/20/95

Lab Number	Sample Identification	Date Sampled	Ignitability (Degrees F)	Method Detection Limit (Degrees F)
-01	SP-6	12/07/95	N.I.	--
-02	SP-7	12/07/95	N.I.	--
-03	SP-8	12/07/95	N.I.	--
-04	SP-9	12/07/95	N.I.	--
-05	SP-10	12/07/95	N.I.	--

ND: Not detected at or above limit of detection
--: Information not available or not applicable

NI = Not Ignitable

Analytical Results
for
Superior Analytical Laboratory
Client Reference: 12058-1 / 20600
Clayton Project No. 95121.03

Sample Identification: See Below
Lab Number: 9512103
Sample Matrix/Media: SOIL
Method Reference: SW 7.3.3.2

Date Received: 12/08/95
Date Analyzed: 12/20/95

Lab Number	Sample Identification	Date Sampled	Reactive Cyanide (mg/kg)	Method Detection Limit (mg/kg)
-01	SP-1	12/07/95	<1	1
-02	SP-2	12/07/95	<1	1
-03	SP-3	12/07/95	<1	1
-04	SP-4	12/07/95	<1	1
-05	SP-5	12/07/95	<1	1
-06	SP-6	12/07/95	<1	1
-07	SP-7	12/07/95	<1	1
-08	SP-8	12/07/95	<1	1
-09	SP-9	12/07/95	<1	1
-10	SP-10	12/07/95	<1	1
-11	METHOD BLANK	--	<1	1

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Superior Analytical Laboratory
Client Reference: 12058-1 / 20600
Clayton Project No. 95121.03

Sample Identification: See Below
Lab Number: 9512103
Sample Matrix/Media: SOIL
Method Reference: SW 7.3.4.2

Date Received: 12/08/95
Date Analyzed: 12/19/95

Lab Number	Sample Identification	Date Sampled	Reactive Sulfide (mg/kg)	Method Detection Limit (mg/kg)
-01	SP-1	12/07/95	<10	10
-02	SP-2	12/07/95	<10	10
-03	SP-3	12/07/95	<10	10
-04	SP-4	12/07/95	<10	10
-05	SP-5	12/07/95	<10	10
-06	SP-6	12/07/95	<10	10
-07	SP-7	12/07/95	<10	10
-08	SP-8	12/07/95	<10	10
-09	SP-9	12/07/95	<10	10
-10	SP-10	12/07/95	<10	10
-11	METHOD BLANK	--	<10	10

ND: Not detected at or above limit of detection
--: Information not available or not applicable

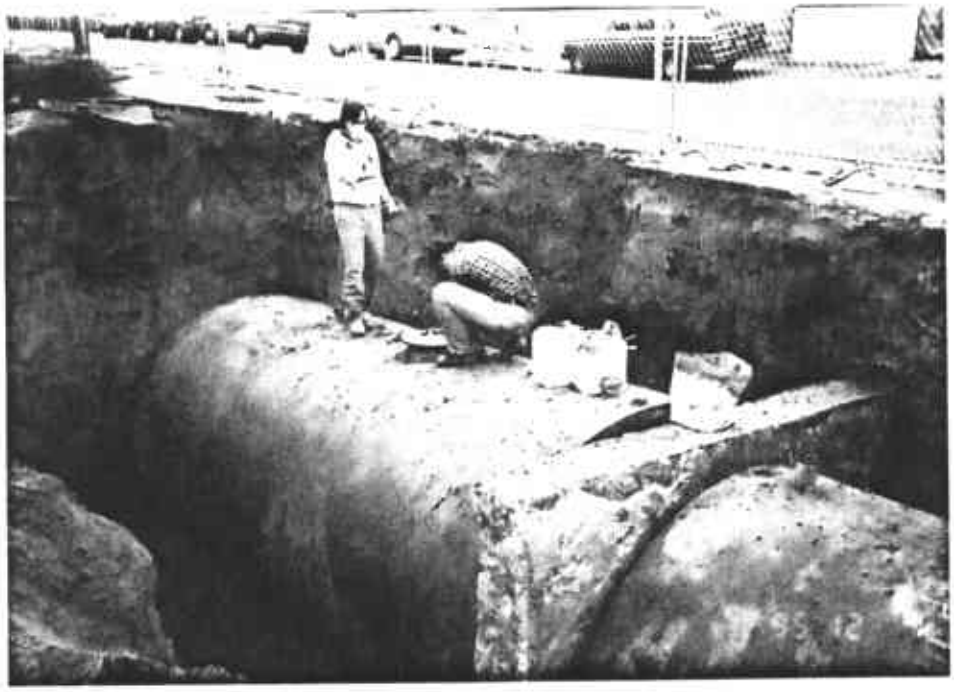
HAGSTROM PROPERTIES
265 30TH STREET, OAKLAND, CA

Uncovering top of fuel tanks under sidewalk adjacent to 30th Street.

Compliance & Closure, Inc.

HAGSTROM PROPERTIES
265 30TH STREET, OAKLAND, CA

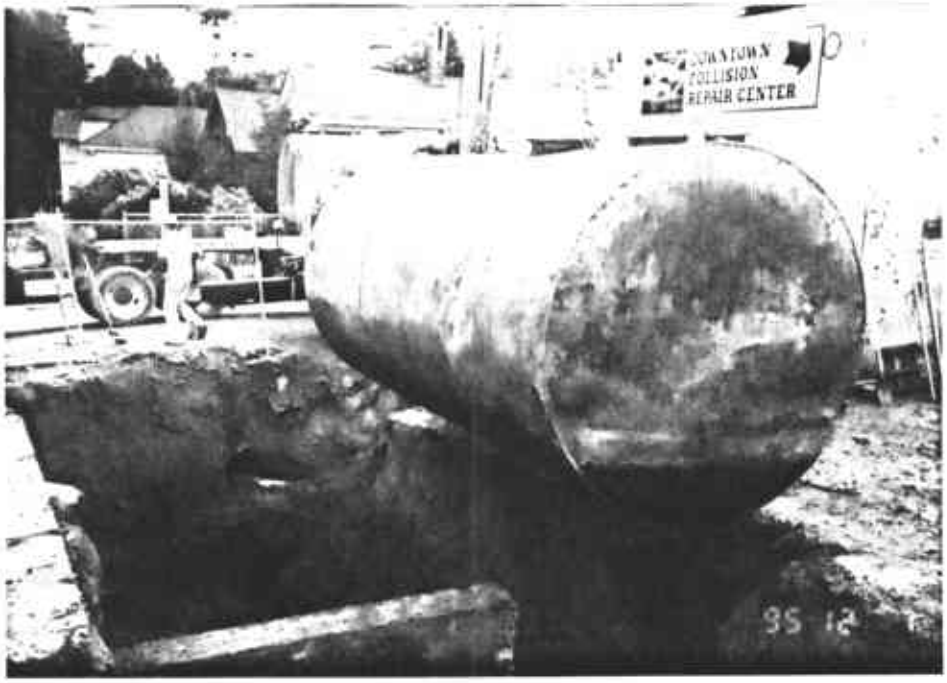
Adding dry ice to the fuel tanks prior to removal



Compliance & Closure, Inc.

HAGSTROM PROPERTIES
265 30TH STREET, OAKLAND, CA

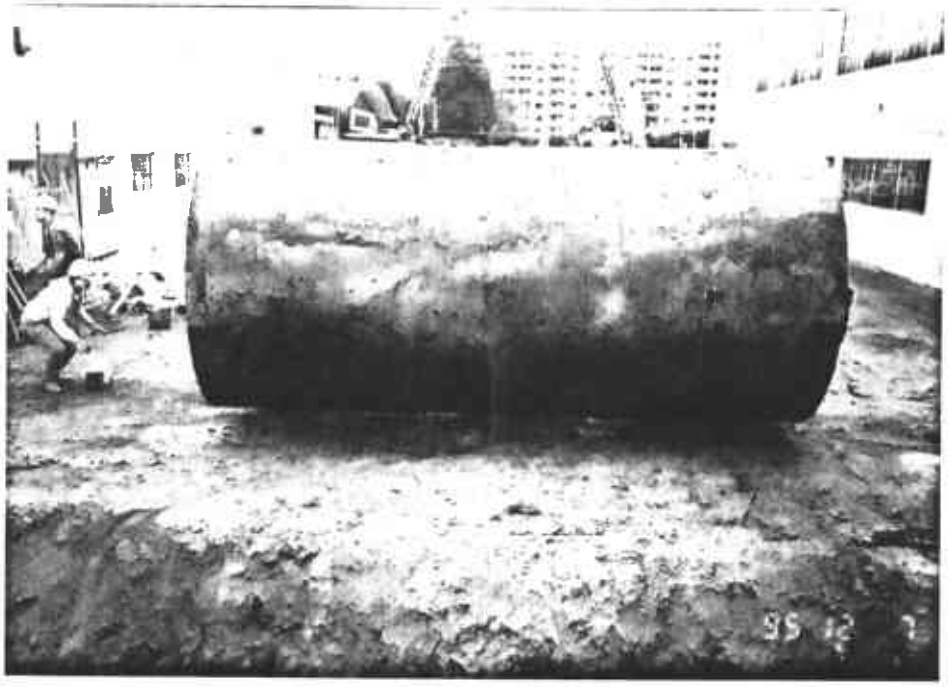
View of Tank No. 1 prior to being removed. Note the concrete separation wall between the two tanks. The separation wall was left in place.



Compliance & Closure, Inc.

HAGSTROM PROPERTIES
265 30TH STREET, OAKLAND, CA

View of removed fuel tank. Tank appeared to be in very good condition with minor corrosion.



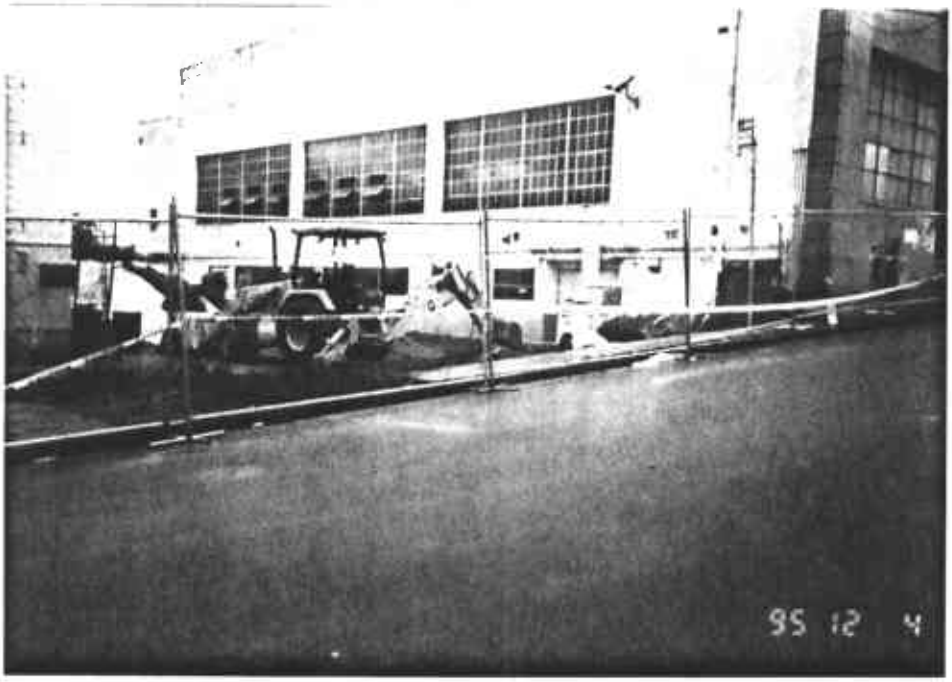
Compliance & Closure, Inc.

HAGSTROM PROPERTIES
265 30TH STREET, OAKLAND, CA

Views of soil contamination on the southwest and southeast sides of the excavation. There was approximately 6-inches of rain water at the bottom of the excavation.

Compliance & Closure, Inc.

HAGSTROM PROPERTIES
265 30TH STREET, OAKLAND, CA



(TOP) - View of the site excavation activity, (Bottom) - View of the stockpiled soil.

Compliance & Closure, Inc.