

**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PARKWAY, RM 250
ALAMEDA, CA 94502-6577
PHONE # 510/567-6700
FAX # 510/337-9335**

Barney Chan
Project Specialist

*Note additions in red
OK, B Chan
4/26/96*

ACCEPTED

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

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

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

Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspectors Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 72 hours prior to the following required inspections:

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

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

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS:

Contact Specialist: 96 APR 25 PM 2:00

ENVIRONMENTAL PROTECTION

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

1. Name of Business Alita Brand
Business Owner or Contact Person (PRINT) Richard Merlino
2. Site Address 968 81st ~~Avenue~~ Street
City Oakland Zip 94621 Phone (510) 568-2151
3. Mailing Address 1001 83rd Avenue
City Oakland Zip 94621 Phone (510) 568-2151
4. Property Owner Richard Merlino
Business Name (if applicable) Alita Brand
Address 1001 83rd Avenue
City, State Oakland Zip 94621
5. Generator name under which tank will be manifested
Alita Brand

EPA ID# under which tank will be manifested CAC001127848

6. Contractor Tank Protect Engineering of Northern California, Inc.
Address 2821 Whipple Rd.
City Union City, CA 94587 Phone 510/429-8088
License Type* A HAZ ID# 575837

*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) SAME AS CONTRACTOR
Address _____
City, State _____ Phone _____

8. Main Contact Person for Investigation (if applicable)
Name N/A Title _____
Company _____
Phone _____

9. Number of underground tanks being closed with this plan 2
Length of piping being removed under this plan _____
Total number of underground tanks at this facility (**confirmed with owner or operator) 2

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 H & H Environmental Service EPA I.D. No. CAC004771168
Hauler License No. 0334 License Exp. Date 1/31/97
Address 220 China Basin
City San Francisco State CA Zip 94107

b) Product/Residual Sludge/Rinsate Disposal Site

Name H & H Environmental Service EPA ID# _____
Address 220 China Basin
City San Francisco State CA Zip 94107

c) Tank and Piping Transporter

ERICKSON, INC.

Name ~~H&H Environmental Service~~ EPA I.D. No. CAD004771168

Hauler License No. 0334 License Exp. Date 1/31/97

Address 220 China Basin

City San Francisco State CA Zip 94107

d) Tank and Piping Disposal Site

ERICKSON, INC.

Name ~~H&H Environmental Service~~ EPA I.D. No. CAD004771168

Address 220 China Basin

City San Francisco State CA Zip 94107

11. Sample Collector

Name Louis Travis III

Company Tank Protect Engineering of Northern California, Inc

Address 2821 Whipple Rd.

City Union City State CA Zip 94587 Phone 510 429-8088

12. Laboratory

Name Trace Analysis Lab.

Address 3423 Investment Blvd. #8

City Hayward State CA Zip 94545

State Certification No. 1199

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

If yes, describe. _____

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

Use 25lbs. of dry ice per each 1,000 gallon capacity for each. Verify with on site IEL meter

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)		
1,000 gallon	gasoline	Soil	One sample at each end of tank; max 2ft. below the tank pit.
1,000 gallon	diesel	Soil	One sample at each end of tank; max 2ft. below the tank pit.
	piping	Soil	One sample every 20 linear feet, and under swing joint dispenser
If groundwater is present in the excavation		soil	one sample will be collected from the side wall at soil/water interface at each end of tank

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

Excavated/Stockpiled Soil

<p>Stockpiled Soil Volume (estimated)</p> <p>20 cubic yards</p>	<p>Sampling Plan</p> <p>One composite sample consisting of at least 4 discrete samples for every 50 cubic yards minimum or one sample for every 20 cubic yards maximum</p>
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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 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
Gasoline TPH G BTEX Total lead	GC FID 5030 8020 AA or ICAP	DHS EPA	1 ppm .005 ppm
Diesel TPH D BTEX	GC FID (BSSC) 8020	DHS EPA	1 ppm .005 ppm
→ MTBE If groundwater encountered TPH G TPH D	See above		

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Compensation Insurance Fund

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 Tank Protect Engineering of Northern California, Inc.

Name of Individual Jafar Farhoomand

Signature Jafar Farhoomand Date 4/1/96

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business D. Merlino & Sons - Richard and Enrico Merlino

Name of Individual _____

Signature RC Merlino Date 4-23-96

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)

Alita Brand

Name of Site

968 81st Avenue

Street Address

Oakland, CA 94621

City, State & Zip Code

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

Tank Protect Engineering of Northern California, Inc.
Name

2821 Whipple Rd.
Street Address

Union City, CA 94587
City, State & Zip Code

Jeff Farhood
Signature of Payor

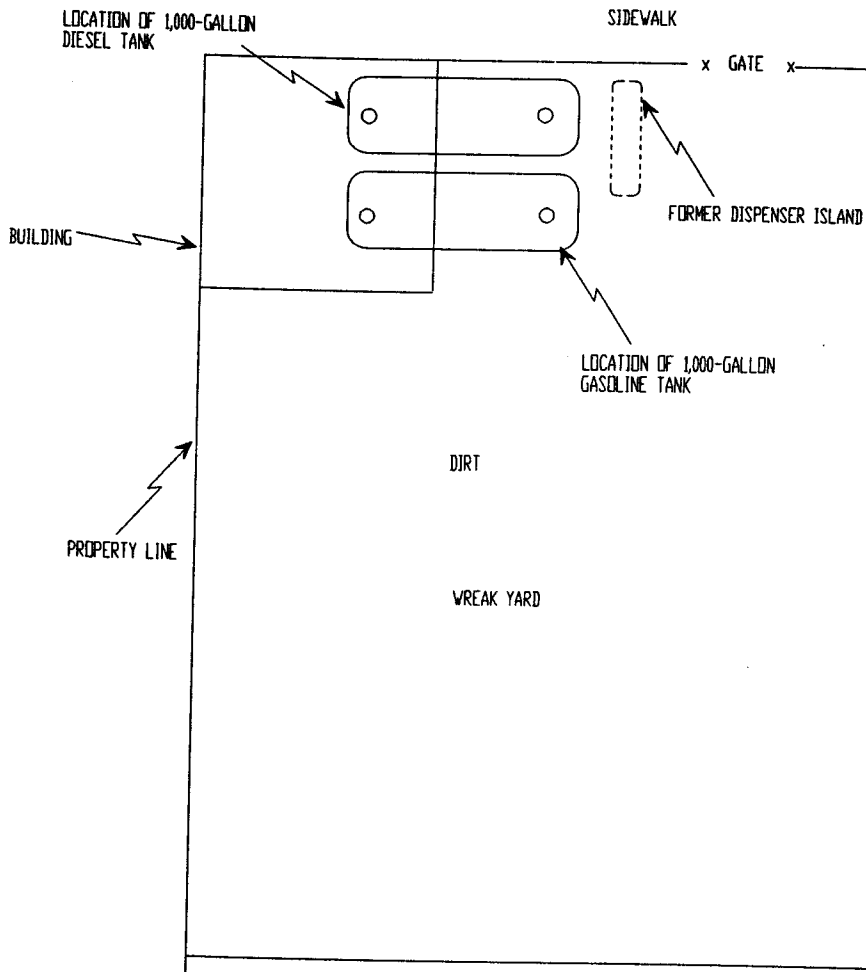
4/1/96
Date

Jeff Farhood
Name of Payor
(PLEASE PRINT CLEARLY)

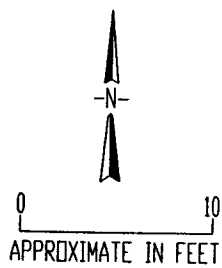
Tank Protect Engineering
Company Name of Payor

RETURN FORM TO:

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



LEGEND



TANK PROTECT ENGINEERING

SITE PLAN

ALITA BRAND
968 - 81st AVENUE
OAKLAND, CA 94621

DATE	4/22/96
FIGURE	1
FILE #	383-N
DRAWN BY	VK
CHECKED BY	

SITE SAFETY PLAN
TANK PROTECT ENGINEERING OF NORTHERN CALIFORNIA, INC.

Site: Alita Brand
968 81st Avenue
Oakland, CA 94621

Project Number: 383

Original Site Safety Plan: Yes (X) No ()
Plan Prepared By: Tank Protect Engineering
Plan Approved By: Louis Travis III

Revision Number:
Date: 04/22/96
Date: 04/23/96

Please respond to each item as completely as possible. Where an item is not applicable, please mark "N/A".

1. KEY PERSONNEL AND RESPONSIBILITIES

(Include name, telephone number and health and safety responsibilities; i.e., project manager - Joe Smith - responsible for supervision of all site activities.)

Project Manager:	Louis Travis III,	(510) 429-8088
Site Safety Manager:	Mark Varney,	(510) 429-8088
Alternate Site Safety Manager:		
Field Team Members:	Mark Varney,	(510) 429-8088
	James Bender,	(510) 429-8088
	Michael Jordan,	(510) 429-8088
	Raymond Friend,	(510) 429-8088

Agency Reps: [Please specify by one of the following symbols: Federal: (F), State: (S), Local: (L), Contractor(s): (C)]

(L) Alameda County Health Care Services Agency:	(510) 567-6700
(L) City of Oakland Fire Department:	(510) 238-3851

2. JOB HAZARD ANALYSIS

2.1 OVERALL HAZARD EVALUATION

Hazard Level: High () Moderate (X) Low () Unknown ()
Hazard Type: Liquid () Solid () Sludge () Vapor/Gas (X)

Known or suspected hazardous materials present on site

See below: 1 - Gasoline vapors contain benzene, toluene, xylenes, ethylbenzene; 2 - Diesel; 3 - Waste oil

Characteristics of hazardous materials included above (complete for each chemical presents):

MATERIAL #1

Corrosive ()	Ignitable (X)	Toxic (X)	Reactive ()
Volatile (X)	Radioactive ()	Biological Agent ()	
Exposure Routes:	Inhalation (X)	Ingestion ()	Contact (X)
		Skin & Mucous Membrane	

MATERIAL #2

Corrosive ()	Ignitable (X)	Toxic (X)	Reactive ()
Semi-Volatile (X)	Radioactive ()	Biological Agent ()	
Exposure Routes:	Inhalation (X)	Ingestion ()	Contact (X)

MATERIAL #3

Corrosive ()	Ignitable (X)	Toxic (X)	Reactive ()
Volatile ()	Radioactive ()	Biological Agent ()	
Exposure Routes:	Inhalation ()	Ingestion ()	Contact (X)

MATERIAL #4

Corrosive ()	Ignitable ()	Toxic ()	Reactive ()
Volatile ()	Radioactive ()	Biological Agent ()	
Exposure Routes:	Inhalation ()	Ingestion ()	Contact ()

2.2 JOB-SPECIFIC HAZARDS

For each labor category specify the possible hazards based on information available (i.e., Task-driller, Hazards-trauma from drill rig accidents, etc.) For each hazard, indicate steps to be taken to minimize the hazard.

Task - Tank Removal; Hazard - Gasoline Vapor Explosion: To minimize - use 25 lbs. of dry ice per each 1,000 gallon capacity to inert vapor present in tank.

The following additional hazards are expected on site (i.e., snake infested area, extreme heat, etc.):

N/A

Measures to minimize the effects of the additional hazards are:

N/A

3. MONITORING PLAN

3.1 (a) Air Monitoring Plan

Action levels for implementation of air monitoring. Action levels should be based on published data available on contaminants of concern. Action levels should be set by persons experienced in industrial hygiene.

Level (i.e., .5 ppm)	Action Taken (i.e., commence perimeter monitoring)
5 ppm	Cease work and commence perimeter monitoring until contamination disperses.

(b) Air Monitoring Equipment

Outline the specific equipment to be used, calibration method, frequency of monitoring, locations to be monitored, and analysis of samples (if applicable).

Air monitoring will be done by using Gastech Model 1314. Hexane will be used for calibration of Gastech.

If air monitoring is not to be implemented for this site, explain why: N/A

3.2 Personnel Monitoring

(Include hierarchy of responsibilities decision making on the site)

Safety officer advises field manager who delegates responsibilities to individual team workers.

3.3 Sampling Monitoring

- (a) Techniques used for sampling: **Insert a probe inside the tank to determine LEL and oxygen levels.**
- (b) Equipment used for sampling: **Gastech Model 1314
1 - Hydrocarbon Super Surveyor**
- (c) Maintenance and calibration of equipment: **Use hexane for calibration. Equipment will be calibrated prior to operation.**

4. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Equipment used by employees for the site tasks and operations being conducted. Be Specific (i.e., hard hat, impact resistance goggles, other protective glove, etc.).

Hard hat, protective gloves (petroleum resistant), safety glasses or goggles, respirator (with organic vapor filter) for site emergency personnel.

5. SITE CONTROL AND SECURITY MEASURES

The following general work zone security guidelines should be implemented:

- Work zone shall be barricaded and caution tape used.
- Visitors will not enter the work zone unless they have attended a project safety briefing.
- Persons will not leave the work zone without first passing through the decontamination zone.

6. DECONTAMINATION PROCEDURE

List the procedures and specific steps to be taken to decontaminate equipment and PPE. Wash with tri-sodium phosphate solution and rinse with clean potable water.

7. TRAINING REQUIREMENTS

Prior to mobilization at the job site, employees will attend a safety briefing. The briefing will include the nature of the wastes and the site, donning personal protection equipment, decontamination procedures and emergency procedures.

8. MEDICAL SURVEILLANCE REQUIREMENTS

If any task requires a very high personnel protection level, personnel shall provide assurances that they have received a physical examination and they are fit to do the task. Also personnel will be instructed to look for any symptom of heat stress, heat stroke, heat exhaustion or any other unusual symptom. If there is any report of that kind it will be immediately followed through, and appropriate action will be taken.

9. STANDARD OPERATION PROCEDURES

Tank Protect Engineering of Northern California, Inc. (TPE) is responsible for the safety of all TPE employees on site. Each contractor shall provide all the equipment necessary to meet safe operation practices and procedures for their personnel on site and be responsible for the safety of their workers.

A "Three Warning" system is utilized to enforce compliance with Health and Safety procedures practices which will be implemented at the site for worker safety:

- * Eating, drinking, chewing gum or tobacco, and smoking will be allowed only in designated areas.
- * Wash facilities will be utilized by workers in the work areas before eating, drinking, or use of the toilet facilities.
- * Containers will be labeled identifying them as waste, debris or contaminated clothing.
- * All site personnel will be required to wear hard hats and advised to take adequate measures for self protection.
- * Any other action which is determined to be unsafe by the site safety officer.

10. CONFINED SPACE ENTRY PROCEDURES

No one is allowed to enter any confined space operation without proper safety measures.

11. EMERGENCY RESPONSE PLAN

Fire extinguisher(s) will be on site prior to excavation. Relevant phone numbers:

Person	Title	Phone No.
<u>Louis Travis III</u>	Project Manager	(510) 429-8088
_____	Fire	911 or _____
_____	Police	911 or _____
_____	Ambulance	911 or _____
_____	Poison Control Center	(800) 523-2222
_____	Nearest off-site no.	_____
<u>Alameda Hospital</u>	Medical Advisor	(510) 523-4357
<u>Mr. Richard Merlino</u>	Client Contact	(510) 568-2151
U.S EPA - ERT _____		(201) 321-6660
Chemtrec _____		(800) 424-9300
Centers for Disease Control _____	Day	(404) 329-3311
	Night	(404) 329-2888
National Response Center _____		(800) 424-8802
Superfund/RCRA Hotline _____		(800) 424-8802
TSCA Hotline _____		(800) 424-9065
National Pesticide Information Services _____		(800) 845-7633
Bureau of Alcohol, Tobacco, and Firearms _____		(800) 424-9555

HEALTH AND SAFETY COMPLIANCE STATEMENT

I, _____ have received and read a copy of the project Health and Safety Plan.

I understand that I am required to have read the aforementioned document and have received proper training under the occupational Safety and Health Act (29 CFR, Part 1910.120) prior to conducting site activities at the site.

Signature

Date

Signature

Date

Signature

Date

Signature

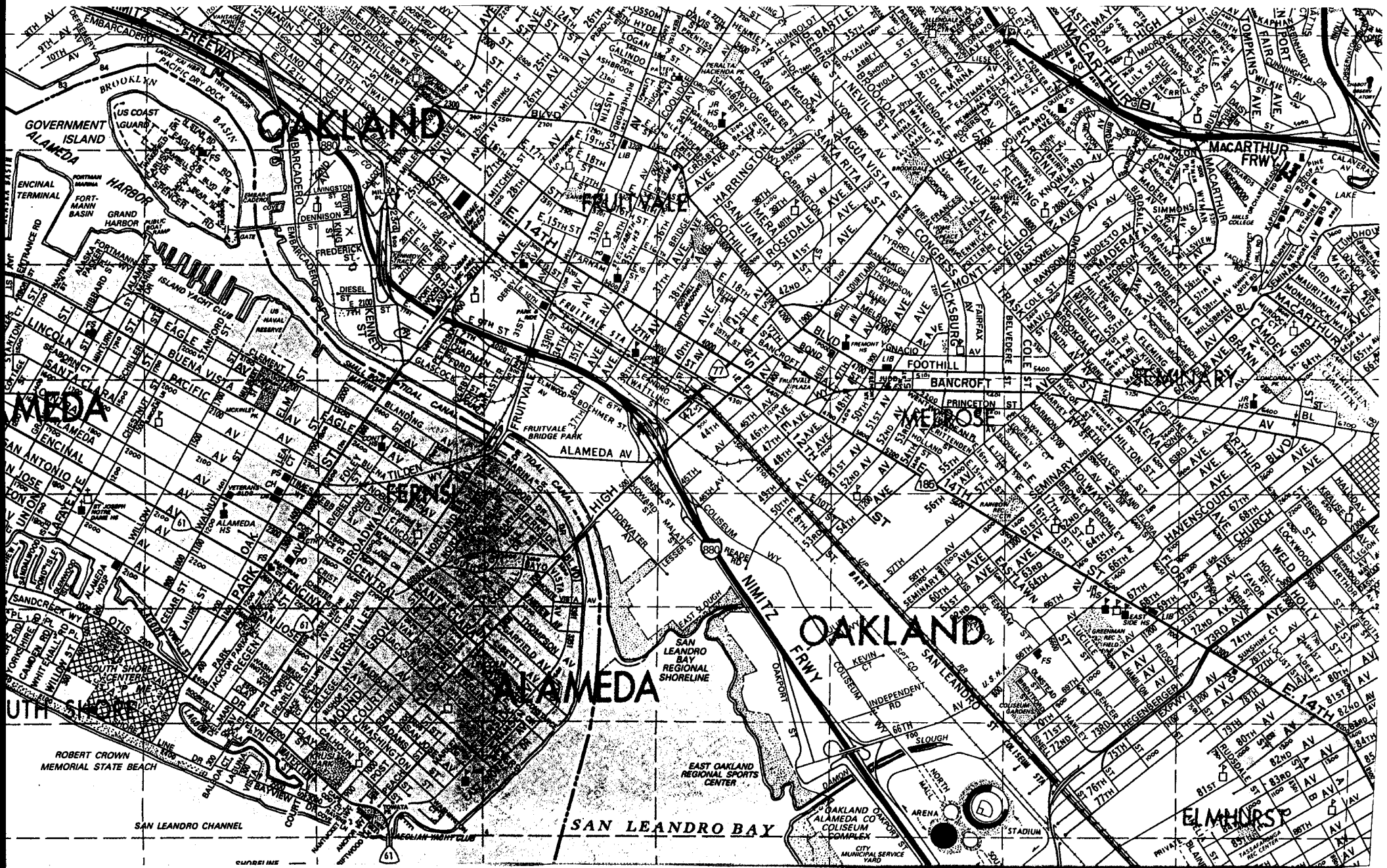
Date

Nearest Hospital:

Alameda Hospital
2070 Clinto Avenue
Alameda, CA 94501
Gen. Info. (510) 523-4357
Emergency. (510) 522-3700

Directions From Site:

Drive northeast on 81st Avenue to E. 14th Street. Turn left (northwest) onto E. 14th Street. Proceed on E. 14th Street to 29th Avenue. Turn left (southwest) onto 29th Avenue. Proceed on 29th Avenue, it will become Park Street. Proceed on Park Street to Clinton Avenue. Turn right (northwest) onto Clinton Avenue, look for the hospital on the left side.



OAKLAND

ALAMEDA

OAKLAND

SAN LEANDRO BAY

EL AMNORS

GOVERNMENT ISLAND

ALAMEDA

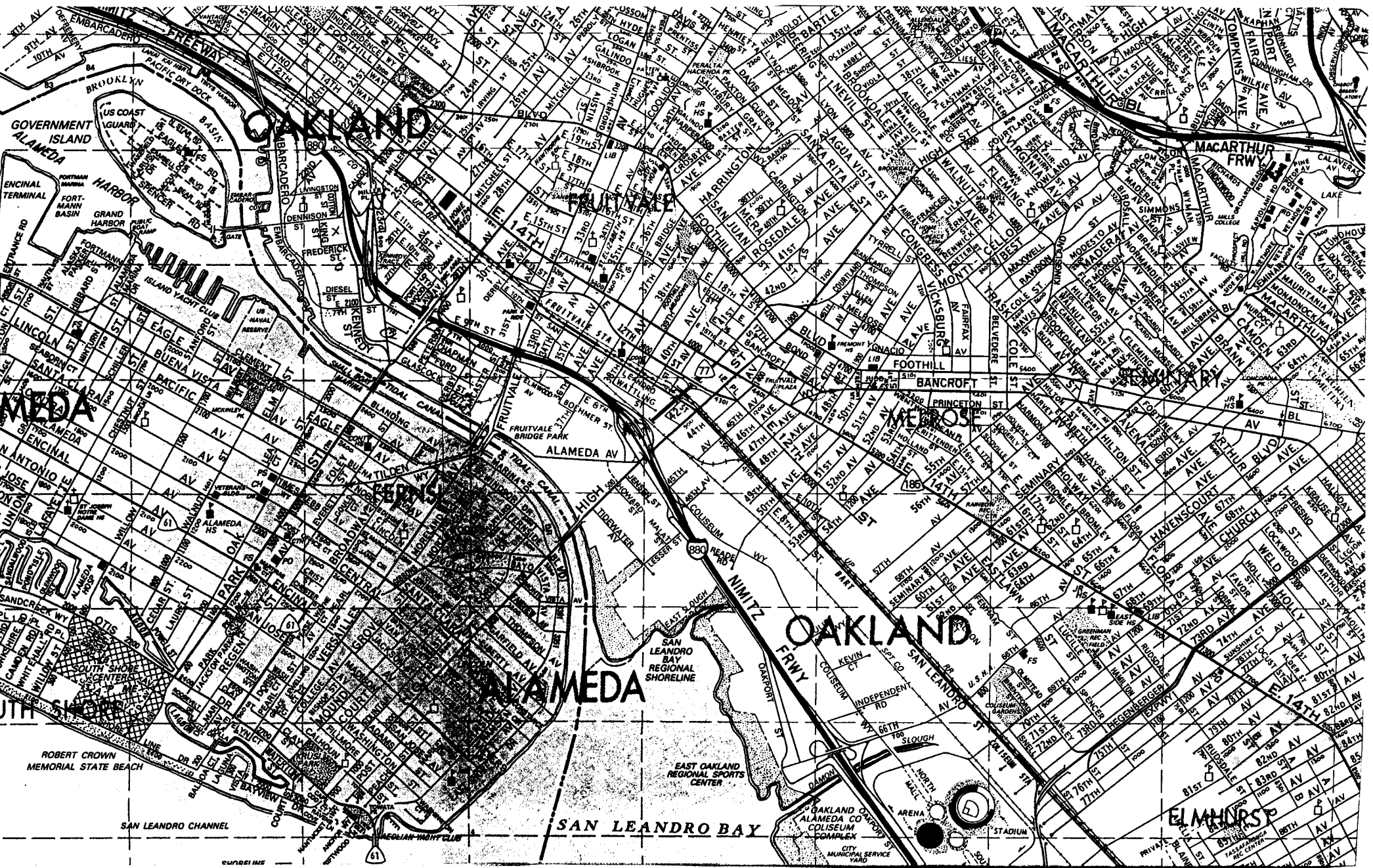
ROBERT CROWN MEMORIAL STATE BEACH

SAN LEANDRO CHANNEL

SAN LEANDRO BAY REGIONAL SHORELINE

EAST OAKLAND REGIONAL SPORTS CENTER

OAKLAND COLISEUM
OAKLAND ARENA
STADIUM
CITY MUNICIPAL SERVICE YARD



ENVIRONMENTAL
PROTECTION
96 NOV 21 PM 2:59

TANK CLOSURE REPORT

ALITA BRAND
968 81ST AVENUE
OAKLAND, CA 94621

Prepared For:
MR. RICHARD E. MERLINO
ALITA BRAND
1001 83RD AVENUE
OAKLAND, CA 94621

Submitted by:
TANK PROTECT ENGINEERING
of Northern California, Inc.
2821 WHIPPLE ROAD
UNION CITY, CA 94587
(510) 429-8088

November 8, 1996

Project Number 383

Lee Huckins

Lee N. Huckins
Geologist

TANK CLOSURE REPORT

ALITA BRAND
968 81ST AVENUE
OAKLAND, CA 94621

Prepared For:
MR. RICHARD E. MERLINO
ALITA BRAND
1001 83RD AVENUE
OAKLAND, CA 94621

November 8, 1996

This report has been prepared by the staff of **Tank Protect Engineering of Northern California, Inc.** under direction of an Engineer and/or Geologist whose seal(s) and/or signature(s) appear hereon.

The findings, recommendations, specifications or professional opinions are presented, within the limits prescribed by the client, after being prepared in accordance with generally accepted professional engineering and geologic practice. We make no other warranty, either expressed or implied.

Jeff J. Farhoomand

Jeff J. Farhoomand, M.S.
Principal Engineer

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7.0 DISPOSITION OF EXCAVATION	5

FIGURES

1. SITE PLAN: TANK REMOVAL (08/16/96)

TABLE

1. SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
2. SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

APPENDICES

- A. . ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY,
DEPARTMENT OF ENVIRONMENTAL HEALTH, UNDERGROUND
TANK CLOSURE PLAN
 - . CITY OF OAKLAND, PERMIT TO EXCAVATE AND INSTALL, REPAIR,
OR REMOVE INFLAMMABLE LIQUID TANKS
 - . BAY AREA AIR QUALITY MANAGEMENT DISTRICT, NOTIFICATION
FORM
 - . UNIFORM HAZARDOUS WASTE MANIFEST
 - . NON-HAZARDOUS WASTE MANIFEST
 - . ERICKSON INC. CERTIFICATE OF DESTRUCTION
 - . ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH,
HAZARDOUS MATERIALS INSPECTION FORM
 - . VASCO ROAD SANITARY LANDFILL LOAD TICKETS
 - . UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE
(LEAK)/CONTAMINATION SITE REPORT
- B. SAMPLE HANDLING PROCEDURES
- C. CERTIFIED ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY
DOCUMENTATION

1.0 INTRODUCTION

The subject site is Alita Brand located at 968 81st Avenue in the city of Oakland in Alameda County, California. The contact person is Mr. Richard E. Merlino, telephone number (510) 568-2151.

Alita Brand contracted with Tank Protect Engineering of Northern California, Inc. (TPE) to remove one 1,000-gallon gasoline and one 1,000-gallon diesel, single-walled, steel, underground, storage tanks from the subject site. This Tank Closure Report documents tank removal, soil sampling, and results of chemical analyses.

2.0 TANK REMOVALS

Prior to removal of the tanks, TPE obtained approval of an Underground Tank Closure Plan from the Alameda County Health Care Services Agency, Department of Environmental Health (ACHCSA) and a Permit to Excavate and Install, Repair, or Remove Inflammable Liquid Tanks (Tank Permit No. 20-96) from the City of Oakland; and notified the Bay Area Air Quality Management District (see Appendix A).

On August 16, 1996 about 1250 gallons and on November 3, 1996 about 300 gallons of contaminated groundwater were removed from the tanks and the tank excavation by Clearwater Environmental Management (Clearwater). Clearwater transported the contaminated groundwater under nonhazardous waste manifest # 43042 & 43078 (see Appendix A) to McKittrick Waste Treatment in McKittrick California. Questions regarding the disposition of the remove of groundwater should be directed to Alita Brand.

Tank removal activities began on August 16, 1996. About 55 cubic yards (cyds) of soil were excavated from the top and around the 1,000-gallon diesel tank and 55 cyds from the top and around the 1,000-gallon gasoline tank and stockpiled on site separately on top of and covered with plastic sheeting (see Figure 1).

The excavation was square shaped having sides approximately 16 feet in length.

The excavation reached a maximum depth of about 8.0 feet. The lithology of the sidewalls primarily consisted of a black, stiff, silty clay (ML/CL). Apparent contamination, as evidenced by stains and odor, was present in the floor and sidewalls of the excavation and both stockpiles.

Groundwater was present in the excavation containing both tanks; sheen, floating product and hydrocarbon odors were observed.

Prior to hoisting from the excavation, the tanks were purged of flammable vapors by displacement with dry ice as indicated by a combustible gas indicator (Gastech model 1314). After being hoisted from the excavation, the tanks were visually examined for holes and evidence of leakage. Both tanks appeared rusty. Holes were observed in both tanks along the sides and tops of the tank. In the diesel tank, 3 holes up to 1.5 inch in diameter were observed on the bottom of the tank.

The tanks were removed from the excavation and transported off site by Erickson Inc. as hazardous waste under Uniform Hazardous Waste Manifest, State Manifest Document Number 95784553 (see Appendix A) to their facility located at 255 Parr Boulevard, Richmond, California. After rendering the tanks harmless, Erickson Inc. disposed of the tanks at their facility located in Richmond, California (see Appendix A for Certificate of Destruction).

Tank removal and subsequent soil sampling was conducted in accordance with the California Regional Water Quality Control Board-San Francisco Bay Region's (CRWQCB) "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites", dated 10 August, 1990, and under the supervision of the ACHCSA inspector (see Appendix A for ACHCSA Hazardous Materials Inspection Form).

2.1 Soil Sampling

After removal of the tank, 4 discrete verification soil samples from the excavation sidewalls were collected for chemical analysis at the locations shown in Figure 1. Soil samples SG-W, SG-E, SD-W and SD-E were collected from the sidewalls at depths of

about 7.5 to 8.0 feet. The samples were collected in native soil by excavating a coherent block of soil with a backhoe bucket and collecting a sample by driving a clean 2-inch diameter by 6-inch long brass tube into the soil in the bucket with a slide-hammer corer.

Four discrete verification soil samples (SP1-A through SP1-D) were collected for laboratory compositing and chemical analysis from the stockpiled soil at the locations shown in Figure 1. Stockpile soil samples, SP1-A through SP1-D were collected such that 4 discrete soil samples were composited into 1 sample (SP1,A,B,C,D). The stockpile samples were collected directly into brass tubes driven by a slide-hammer corer at depths of about 1 foot below the stockpile surface.

After collecting each sample, the brass tube ends were quickly covered with Teflon sheeting and capped with plastic end-caps. Each tube was labeled to show site address, project number, sample name and depth, date and time collected, and sampler name and stored in an individual plastic bag in an iced-cooler.

The samples were delivered to California Department of Health Services (DHS) certified Entech Analytical Labs, Inc. located in Sunnyvale, California accompanied by chain-of-custody documentation (see Appendix B for TPE's protocol relative to sample handling procedures).

All soil samples were analyzed for total petroleum hydrocarbons as diesel (TPHD) and as gasoline (TPHG) by the United States Environmental Protection Agency (EPA) Method 8015M; for methyl t-butyl ether, benzene, toluene, ethylbenzene, and xylenes (MBTEX) by the EPA Method 8020, and for lead by EPA Method 7420.

3.0 ANALYTICAL RESULTS

Samples SD-E, SG-W and SG-E collected from sidewalls of the excavation detected TPHD at concentration of 50 parts per million (ppm), 21 ppm and 66 ppm respectively. SD-W, collected from west sidewall of 1,000-gallon gasoline tank, was nondetectable for TPHD. Total lead was detected in all discrete soil samples (see Table 1 for a summary of lead concentrations).

Samples SP1-A,B,C,D detected TPHD, TPHG, and total lead at concentration of 340 ppm, 46 ppm, and 13 ppm respectively.

Analytical results are summarized in Table 1 and documented with certified analytical reports and chain-of-custodies in Appendix C.

4.0 GROUNDWATER SAMPLING

Groundwater sample WS-1 was collected from the excavation on August 28 1996, for chemical analysis under the supervision of the ACHCSA inspector (see Appendix A for the ACHCSA Hazardous Materials Inspection Form)

The groundwater sample was collected in a disposal polyethylene bailer; stored in laboratory provided, sterilized, 40-milliliter glass vials and 1-liter bottles having Teflon-lined screw caps; and handled as discussed in Section 2.0 Soil Sampling and Chemical Analyses.

Sample WS-1 was analyzed for TPHD and TPHG by EPA Method 8015M and for MBTEX, and total lead by Modified EPA Methods 8020 and 239.2, respectively.

4.1 Analytical Results

WS-1 detected TPHD TPHG and benzene in concentrations of 8,300 parts per billion (ppb), 130 ppb, and 1 ppb, respectively.

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

Because of the above analytical results, an Underground Storage Tank Unauthorized Release(Leak)/Contamination Site Report was prepared for the ACHCSA (see Appendix A).

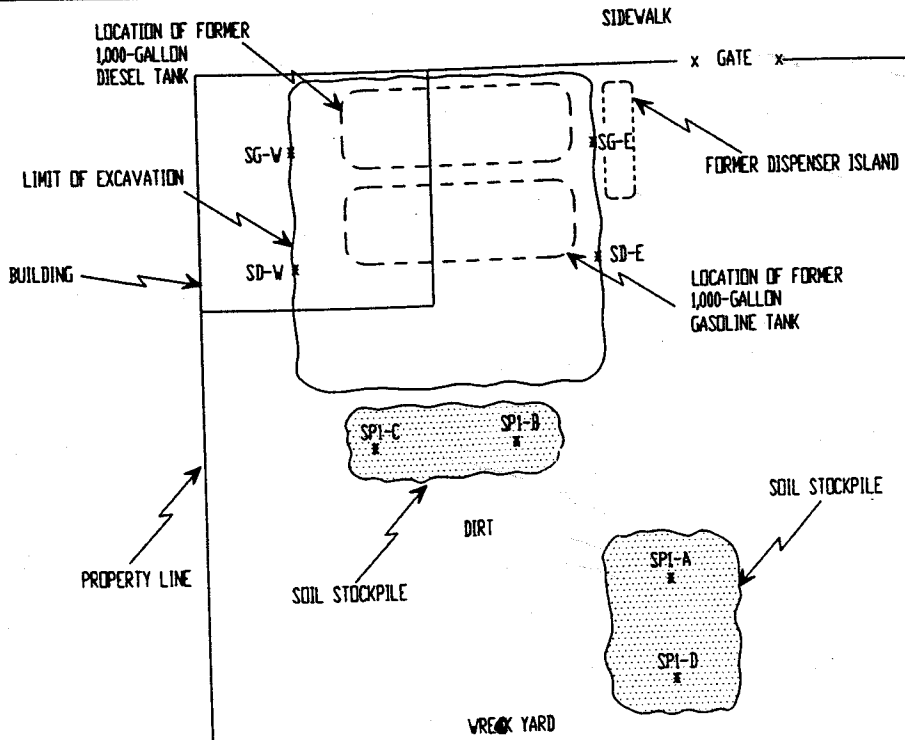
6.0 DISPOSAL OF STOCKPILED SOIL

On October 4, 1996 89.36 tons of stockpile soil were disposed of at Vasco Road Sanitary landfill, located in Livermore, California (see Appendix A for Vasco Road Sanitary landfill, load tickets).

7.0 DISPOSITION OF EXCAVATION

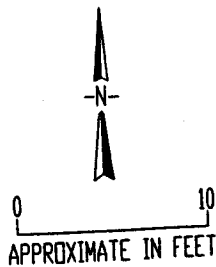
On October 4, 1996, TPE backfilled the excavation with clean imported pea gravel to about 3 feet below the ground surface. The remainder of the excavation was filled with imported class II aggregate base material.

81st Ave



LEGEND

SD-W * NAME AND LOCATION OF SOIL SAMPLE



TANK PROTECT ENGINEERING

SITE PLAN:
TANK REMOVAL (8/16/96)

ALITA BRAND
968 - 81st AVENUE
OAKLAND, CA 94621

DATE	10/4/96
FIGURE	1
FILE #	383-IN
DRAWN BY	VK
CHECKED BY	

FIGURES

TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
(ppm¹)

Sample ID Name	Date	Depth (Feet)	TPHD	TPHG	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	Total lead
SD-E	08/16/96	7.5	50	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	7.5
SD-W	08/16/96	7.5	<1.0	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	5.0
SG-E	08/16/96	7.5	66	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	5.2
SG-W	08/16/96	8.0	21	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	9.1
SP1-A,B,C,D	08/16/96	1.0	340	46 ²	<0.05	<0.005	<0.005	<0.005	<0.005	13

¹ PARTS PER MILLION

² TPH-GAS CHROMATOGRAM LAB #HC1520, ALTHOUGH WITHIN THE REPORTING RANGE, DOES NOT MATCH THE TYPICAL GAS PATTERN

TABLE 2
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
(ppb)¹

Sample ID Name	Date	Depth (Feet)	TPHD	TPHG	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	Total lead
WS-1	08/28/96	8.0	8,300	130	<5.0	1.0	<0.5	<0.5	<0.5	<0.005

¹ PARTS PER BILLION



TABLES



APPENDICES

APPENDIX A

- . ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY,
DEPARTMENT OF ENVIRONMENTAL HEALTH, UNDERGROUND
TANK CLOSURE PLAN
- . CITY OF OAKLAND, PERMIT TO EXCAVATE AND INSTALL, REPAIR,
OR REMOVE INFLAMMABLE LIQUID TANKS
- . BAY AREA AIR QUALITY MANAGEMENT DISTRICT, NOTIFICATION
FORM
- . UNIFORM HAZARDOUS WASTE MANIFEST
- . NON-HAZARDOUS WASTE MANIFEST
- . ERICKSON, INC., CERTIFICATE OF DESTRUCTION
- . ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH,
HAZARDOUS MATERIALS INSPECTION FORM
- . VASCO ROAD SANITARY LANDFILL LOAD TICKETS
- . UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE
(LEAK)/CONTAMIANION SITE REPORT

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 ENVIRONMENTAL PROTECTION DIVISION
 1131 HARBOR BAY PARKWAY, RM 250
 ALAMEDA, CA 94502-6577
 PHONE # 510/567-6700
 FAX # 510/337-9335

Barney Chan
 ENVIRONMENTAL Project Specialist
 PROTECTION

96 APR 25 PM 2:00

Note additions in red.
Ch., 4/26/96
Bcho

ACCEPTED

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

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is to be released for issuance of any required building permits for construction/demolition.
 One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.
 Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws.
 Notify this Department at least 72 hours prior to the following required inspections:

- ____ Removal of Tank(s) and Piping
 - ____ Sampling
 - ____ Final Inspection
- Issuance of a permit to operate, by permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Contact Specialist:

UNDERGROUND TANK CLOSURE PLAN

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

1. Name of Business Alita Brand
 Business Owner or Contact Person (PRINT) Richard Merlino
2. Site Address 968 81st Avenue
 City Oakland Zip 94621 Phone (510) 568-2151
3. Mailing Address 1001 83rd Avenue
 City Oakland Zip 94621 Phone (510) 568-2151
4. Property Owner Richard Merlino
 Business Name (if applicable) Alita Brand
 Address 1001 83rd Avenue
 City, State Oakland Zip 94621
5. Generator name under which tank will be manifested
Alita Brand

EPA ID# under which tank will be manifested CAC001137848

Excavation Permit Granted _____ No. _____

CITY OF OAKLAND

Permit to Excavate and Install, Repair, or Remove Inflammable Liquid Tanks. No. 20-96

Oakland, California, April 30 19 96

PERMISSION IS HEREBY GRANTED TO XXXX remove XXXX Gasoline tank and excavate commencing _____ feet inside property line

on the _____ side of 81st Ave. Street Avenue _____ feet of _____ Street Avenue

House No. 968 81st Ave. Street Avenue _____ Present Storage _____

Owner Alita Brand Address 1001 83rd Ave. Phone 568-2151

Applicant Tank Protect Engineering of Nor. CA Address 2821 Whipple Rd., Union City 94587 Phone 429-8088

Dimensions of street (sidewalk) surface to be disturbed _____ X _____ Number of Tanks 2 Capacity 1000 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.

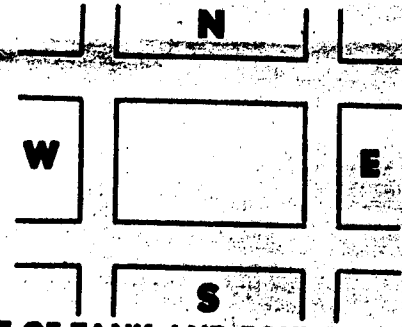
Inspection Fee Paid _____ \$ 200.00

Received by ck#5909 Rec#737851 S. Smith

FIRE PREVENTION BUREAU

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

538-08 (6-67)



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, 278-3851



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

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

NOTIFICATION FORM

- Removal or Replacement of Tanks
- Excavation of Contaminated Soil

SITE INFORMATION

SITE ADDRESS 968 - 81ST AVENUE
 CITY, STATE, ZIP OAKLAND, CA 94621
 OWNER NAME RICHARD MERLINO
 SPECIFIC LOCATION OF PROJECT _____

<p style="text-align: center;"><u>TANK REMOVAL</u></p> <p>SCHEDULED STARTUP DATE <u>8/15/96</u></p> <p>VAPORS REMOVED BY:</p> <p>[] WATER WASH</p> <p><input checked="" type="checkbox"/> VAPOR FREEING (CO²)</p> <p>[] VENTILATION</p>	<p style="text-align: center;"><u>CONTAMINATED SOIL EXCAVATION</u></p> <p>SCHEDULED STARTUP DATE _____</p> <p>STOCKPILES WILL BE COVERED? YES _____ NO _____</p> <p>ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):</p> <p>_____</p> <p style="text-align: center;">(MAY REQUIRE PERMIT)</p>
---	--

CONTRACTOR INFORMATION

NAME TANK PROTECT ENGINEERING CONTACT LOUIS G TRAVIS
 ADDRESS 2821 WHIPPLE ROAD PHONE (510) 429-8088
 CITY, STATE, ZIP UNION CITY, CA 94587

CONSULTANT INFORMATION (IF APPLICABLE)

NAME M/A CONTACT _____
 ADDRESS _____ PHONE () _____
 CITY, STATE, ZIP _____

FOR OFFICE USE ONLY

DATE RECEIVED _____ BY _____ (INIT.)
 CC: INSPECTOR NO. _____ DATE _____ BY _____ (INIT.)
 TELEPHONE UPDATE: CALLER _____ CHANGE MADE _____
 BAAQMD N # _____

968955

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CA1C1010111317181418** Manifest Document No. **8141553** 2. Page 1 of 1

3. Generator's Name and Mailing Address
ALISA ~~DAVID~~ D. Merlino & Sons
OAKLAND CA 94621
 4. Generator's Phone **(510) 568-2151 976-81st ave**

5. Transporter 1 Company Name **ERICKSON INC.** 6. US EPA ID Number **CA1D1009146613192**

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

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

10. US EPA ID Number **CA1D1009146613192**

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

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. NON-RCRA Hazardous Waste Solid Waste Empty Storage Tank.	002	T	42000	2
b.				
c.				
d.				

State	
EPA/Other	
State	
EPA/Other	
State	
EPA/Other	

Additional Descriptions (if not listed above):
1500 Gallon Capacity
1576 1857
have been inerted with 15

K. Handling Codes for Wastes Listed Above
 a. **01**
 b.
 c.
 d.
 e.
 f.
 g.
 h.
 i.
 j.
 k.
 l.
 m.
 n.
 o.
 p.
 q.
 r.
 s.
 t.
 u.
 v.
 w.
 x.
 y.
 z.

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear protective gear when working around U.G.S.T.'s 24 Hr. Contact Name **Ronald Merlino Phone **510-568-2151****

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 **R.E. Merlino** Signature **R.E. Merlino** Month **08** Day **16** Year **96**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **CHRIS OWEN** Signature **Chris Owen** Month **08** Day **16** Year **96**

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 **DAVID SATO** Signature **DAVE SATO** Month **08** Day **16** Year **96**

DO NOT WRITE BELOW THIS LINE.

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

4 26782

1. Generator's US EPA ID No.

2. Page 1 of

3. Document Number

NH- No 43078

4. Generator's Name and Mailing Address

D. MeeLIND
936 81st AVE
OAKLAND, CA
Generator's Phone 510-429-8088

Profile #
896-888 P5

5. Transporter Company Name

6. US EPA ID Number

7. Transporter Phone

Cleanwater Env Mgt, CA2000007013

510-797-8511

8. Designated Facility Name and Site Address

9. US EPA ID Number

10. Facility's Phone

MCK, Thick Waste Treatment Site
56533 Hwy 58, WEST
McKittucky CA 93257, CA0980636831

805-762-7366

11. Waste Shipping Name and Description

12. Containers
No. Type

13. Total Quantity

14. Unit Wt/Vol

a. NON HAZARDOUS WASTE LIQUID

001 TT 300 G

b.

15. Special Handling Instructions and Additional Information

wear Protective Gear
Emergency contact
510-797-8511
ATTN Kirk Hayward

Handling Codes for Wastes Listed Above

11a.

11b.

Printed/Typed Name

Signature

CARL DAVID COLLINS

Carl David Collins

Month Day Year
10 3 96

Printed/Typed Name

Signature

STEVEN R. STONE

Steven R Stone

Month Day Year
10 3 96

18. Discrepancy Indication Space

Tom 604 Pn7

Printed/Typed Name

Signature

BATHY MAJ

Bathy Maj

Month Day Year
10 3 96

① 25665

NONHAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

2. Page 1 of 1

3. Document Number
NH- No 43042

4. Generator's Name and Mailing Address
D. Merlino & Sons
1001-83rd Ave.
Oakland, Ca. 94621
Generator's Phone 568-2151

896-888 P.S.

5. Transporter Company Name
CLEARWATER ENVIRONMENTAL
MANAGEMENT, INC
6. US EPA ID Number
CA2000007013

7. Transporter Phone
(510) 797-8511

8. Designated Facility Name and Site Address
MCKITTRICK WASTE TREATMENT
56533 HWY 58 WEST
MCKITTRICK CA
9. US EPA ID Number
CA0980636851

10. Facility's Phone
(805) 762-7366

11. Waste Shipping Name and Description

12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	
			Type
a. 001	1250	G	Non Hazardous Waste Liquid
b.			

15. Special Handling Instructions and Additional Information
WEAR PROTECTIVE CLOTHING

EMERGENCY CONTACT: KIRK HAYWARD
Phone: (510) 797-8511

Handling Codes for Wastes Listed Above	
11a.	11b.

16. GENERATOR'S
Printed/Typed Name
R. E. Merlino

Signature
R. E. Merlino
Month Day Year
8 16 96

17. TRANSPORTER'S
Printed/Typed Name
KIRK D. HAYWARD

Signature
Kirk Hayward
Month Day Year
8 16 96

18. Discrepancy Indication Space

PH 6 TONS 4.91

19. FACILITY'S
Printed/Typed Name
BOB FOSTER

Signature
Bob Foster
Month Day Year
8 19 96

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 1585

CUSTOMER

TANK PROTECT E
JOB NO.

968955

FOR: ERICKSON, INC. TANK NO. 18576

LOCATION: RICHMOND DATE: 96/08/20 TIME: 09:22

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT IG

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

TANK SIZE 1000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%
ERICKSON, INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN
CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS
WASTE FACILITY.
ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK
SHIPPED TO US FOR PROCESSING.

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

STANDARD SAFETY DESIGNATION

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

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

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

Francis Chego
REPRESENTATIVE

TITLE

Dave Sato
INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 1585

CUSTOMER
~~TANK PROTECT E~~
JOB NO.
968955

FOR: ~~ERICKSON, INC.~~ TANK NO. ~~18577~~

LOCATION: ~~RICHMOND~~ DATE: ~~96/08/20~~ TIME: ~~09:22~~

TEST METHOD ~~VISUAL GASTECH/1314 SMPN~~ LAST PRODUCT ~~D~~

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

TANK SIZE ~~1000~~ GALLON TANK CONDITION ~~SAFE FOR FIRE~~

REMARKS: ~~OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%~~
~~ERICKSON, INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN~~
~~CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS~~
~~WASTE FACILITY.~~
~~ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK~~
~~SHIPPED TO US FOR PROCESSING.~~

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

STANDARD SAFETY DESIGNATION

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

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

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


REPRESENTATIVE

TITLE


INSPECTOR

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

II, III

Site ID # _____ Site Name Alita Brand Today's Date 8/16/96

Site Address 968 - 81st St Ave

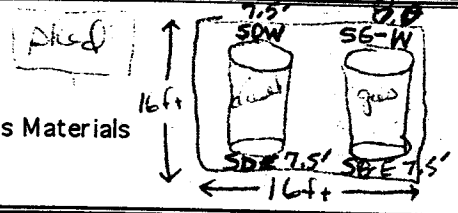
City Oakland Zip 94621 Phone _____

shed

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

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- III. Under ground Storage Tanks Removal



81st St Ave

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

* NOTE: You are required to submit the original A & B FORMS.

Comments:

On-site to witness the removal of Manifest # 95789

1-1000 gallon diesel UST ~~used~~ - single walled steel

1-1000 gallon gasoline UST

Groundwater present in UST excavation at ~8 ft bgs. Floating product noted on surface of gas.

Approx. 70 cu yd soil stockpiled on site. Based on visual & odor observ., stockpile appears to contain contamination.

2 Composite Samples (?) were collected.

→ 1000-gallon diesel UST was rusted w/ multiple holes on bottom and all sides.

→ 1000-gallon gasoline UST w/ rust & holes metal on top & sides.

2 sidewall samples collected at each end & soil/H₂O interface of former diesel UST location. (SDW + SD-E @ 7.5')

2 sidewall samples collected @ each end & soil/H₂O interface of former gasoline UST location. (SG-E + SG-W @ 7.5' @ 8.0')

Approx. ≤ 1,200 gallons of groundwater pumped from UST pit. Clearwater Environ. Management. Groundwater to be sampled once leachate has occurred. Please call 567-6700 to schedule an appt.

All samples to be analyzed for TPH-D, TPH-G, BTEX, MTBE and Total Lead.

Yyl Source w/ TPE was sampled

Contact T.P.E. [Signature]

Title Environmental [Signature]

Signature [Signature]

Inspector AL Leech

Signature [Signature]

II, III

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Alita Brand Today's Date 8/28/96
Site Address 968 - 81st Ave
City Oak Zip 94621 Phone _____

- MAX AMT stored > 500 lbs, 55 gal., 200 cft.?
- Inspection Categories:**
- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 - II. Hazardous Materials Business Plan, Acutely Hazardous Materials
 - III. Under ground Storage Tanks

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

Comments:

- Onsite to witness GW sampling from former gasoline/diesel excavator pit. Approx 2' water in pit. Gate to property opened. Pit secured by orange netting only + open to public.
- 5 - open topped 55 gallon drums located on the front east side of property.
- You must:
- 1) Be sure site to prevent public access, either install a temporary wire fence or CAUTION TAPE or lock the gate except when entering + leaving site.
 - 2) One drum is 1/2 full of apparent automotive fluid. Please label, put lid on drum + have oil recycled no greater than once / yr by a licensed oil recycler.
 - 3) Pls run GW sample for TPH, d, BTEX, MTBE + volatiles. Pls provide copy of analytical results per internet link provided w/i 14 days or by 9/12/96

Contact Louis Travis III
Title Project Engineer
Signature [Signature]

Inspector BCHIAN
Signature [Signature]

II, III

VASCO ROAD SANITARY LANDFILL No: 870271

A DIVISION OF **BFI** BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 10-04-96 Time In: 11:16:44 Time Out: 11:43:25
 Ticket # : A73619 CMS # : 1000002 LMS # : 0000002
 Customer : TANK PROTECT ENGINEERING
 Vehicle # : 000065 Lic Plate:
 SPECIAL
 Manifest # : 530730 PO #: 4826 Transporter: D
 Source Cd : Generator : ALB ALITA BRAND
 Comment : Operator: NOEL
 Capacity : 18.00 yd Scale In # : 1 Scale Out #: 2
 Gross Wt : 35.08 Tare Wt: 15.19 Net Wt: 19.89 tn

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
00203	SOIL	15.00	19.89 TN		

All children must remain in vehicles. Absolutely no salvaging allowed.

Niños deben de permanecer en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

DRIVER

DRIVER

VASCO ROAD SANITARY LANDFILL No: 870377

A DIVISION OF **BFI** BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 10-04-96 Time In: 14:43:27 Time Out: 14:43:27
 Ticket # : A73746 CMS # : 1000002 LMS # : 0000002
 Customer : TANK PROTECT ENGINEERING
 Vehicle # : 000065 Lic Plate:
 SPECIAL
 Manifest # : 530729 PO #: 4826 Transporter: D
 Source Cd : Generator : ALB ALITA BRAND
 Comment : Operator: MARK
 Capacity : 18.00 yd Scale In # : 3 Scale Out #: Stored
 Gross Wt : 37.66 Tare Wt: 15.19 Net Wt: 22.47 tn

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
00203	SOIL	17.00	22.47 TN		

All children must remain in vehicles. Absolutely no salvaging allowed.

Niños deben de permanecer en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

DRIVER

DRIVER

VASCO ROAD SANITARY LANDFILL No: 870356

A DIVISION OF **BFI** BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 10-04-96 Time In: 13:06:02 Time Out: 13:06:02
Ticket # : A73693 CMS # : 1000002 LMS # : 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000091 Lic Plate:

SPECIAL
Manifest # : 530731 PD # : Transporter: D
Source Cd : Generator : ALB ALITA BRAND
Comment : Operator: NOEL
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 40.10 Tare Wt: 15.06 Net Wt: 25.04 tn

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
0203	SOIL	20.00	25.04 TN		

All children must remain in vehicles. Absolutely no salvaging allowed.

Niños deben de permanecer en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!



DRIVER

VASCO ROAD SANITARY LANDFILL No: 870356

A DIVISION OF **BFI** BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 10-04-96 Time In: 13:59:13 Time Out: 13:59:13
Ticket # : A73725 CMS # : 1000002 LMS # : 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000063 Lic Plate:

SPECIAL
Manifest # : 530732 PD # : 4026 Transporter: D
Source Cd : Generator : ALB ALITA BRAND
Comment : Operator: NOEL
Capacity : 18.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 36.65 Tare Wt: 14.69 Net Wt: 21.96 tn

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

Item	Descr	Actual	Bill Qty	\$/Unit	Extended
0203	SOIL	18.00	21.96 TN		

All children must remain in vehicles. Absolutely no salvaging allowed.

Niños deben de permanecer en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!



DRIVER

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input type="checkbox"/> NO		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.	
REPORT DATE 08/16/96		CASE #		SIGNED _____ DATE _____	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Louis Travis III			PHONE (510) 429-8088	
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER			COMPANY OR AGENCY NAME Tank Protect Engineering of Northern California	
	ADDRESS 2821 Whipple Road Union City CA 94587-				
RESPONSIBLE PARTY	NAME Alita Brand			CONTACT PERSON Richard Merlino	
	ADDRESS 968 81st Avenue Oakland CA 94621			PHONE (510) 568-2151	
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Alita Brand			OPERATOR Richard Merlino	
	ADDRESS 968 81st Avenue Oakland Alameda 94621			PHONE (510) 568-2151	
	CROSS STREET Rudsdale Street				
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME Alameda County Health Care Services Agency			CONTACT PERSON Barney Chan	
	REGIONAL BOARD BAAQMD- San Francisco			PHONE (510) 567-6700 (415) 771-6000	
SUBSTANCES INVOLVED	(1) NAME Petroleum Hydrocarbons- see below				QUANTITY LOST (GALLONS) <input type="checkbox"/> UNKNOWN
	(2) <input type="checkbox"/> UNKNOWN				
DISCOVERY/ABATEMENT	DATE DISCOVERED 08/16/96		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITION <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN <input type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE _____				
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY				
	CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT) _____				
	COMMENTS Removed one (1) 1,000-gallon gasoline underground storage tank Removed one (1) 1,000-gallon diesel underground storage tank				

APPENDIX B

SAMPLE HANDLING PROCEDURES

APPENDIX B

SAMPLE HANDLING PROCEDURES

Soil and groundwater samples will be packaged carefully to avoid breakage or contamination and will be delivered to the laboratory in an iced-cooler. The following sample packaging requirements will be followed.

- Sample bottle/sleeve lids will not be mixed. All sample lids will stay with the original containers and have custody seals affixed to them.
- Samples will be secured in coolers to maintain custody, control temperature and prevent breakage during transportation to the laboratory.
- A chain-of-custody form will be completed for all samples and accompany the sample cooler to the laboratory.
- Ice, blue ice or dry ice (dry ice will be used for preserving soil samples collected for the Alameda County Water District) will be used to cool samples during transport to the laboratory.
- Water samples will be cooled with crushed ice. In the Alameda County Water District, water samples will be buried in the crushed ice with a thermometer, and the laboratory will be requested to record thermometer temperature at the time of receipt.
- Each sample will be identified by affixing a pressure sensitive, gummed label or standardized tag on the container(s). This label will contain the site identification, sample identification number, date and time of sample collection and the collector's initials.
- Soil samples collected in brass tubes will be preserved by covering the ends with Teflon tape and capping with plastic end-caps. The tubes will

be labeled, sealed in quart size bags and placed in an iced-cooler for transport to the laboratory.

All groundwater sample containers will be precleaned and will be obtained from a State Department of Health Services certified analytical laboratory.

Sample Control/Chain-of-Custody: All field personnel will refer to this workplan to verify the methods to be employed during sample collection. All sample gathering activities will be recorded in the site file; all sample transfers will be documented in the chain-of-custody; samples will be identified with labels; all sample bottles will be custody-sealed. All information is to be recorded in waterproof ink. All TPE field personnel are personally responsible for sample collection and the care and custody of collected samples until the samples are transferred or properly dispatched.

The custody record will be completed by the field technician or professional who has been designated by the TPE project manager as being responsible for sample shipment to the appropriate laboratory. The custody record will include, among other things, the following information: site identification, name of person collecting the samples, date and time samples were collected, type of sampling conducted (composite/grab), location of sampling station, number and type of containers used and signature of the TPE person relinquishing samples to a non-TPE person with the date and time of transfer noted. The relinquishing individual will also put all the specific shipping data on the custody record.

Records will be maintained by a designated TPE field employee for each sample: site identification, sampling location, station number, date, time, sampler's name, designation of the sample as a grab or composite, notation of the type of sample (e.g., groundwater, soil boring, etc.), preservatives used, onsite measurement data and other observations or remarks.

APPENDIX C

CERTIFIED ANALYTICAL REPORTS AND
CHAIN-OF-CUSTODY DOCUMENTATION

Entech Analytical Labs, Inc.

CA ELAP# 136

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Tank Protect Engineering
2821 Whipple Road
Union City, CA 94587
Attn: Lyle Travis

Date:	8/26/96
Date Received:	8/19/96
Date Analyzed:	8/20-8/22/96
Project #:	383-081696
P.O. #:	1328
Sampled By:	Client

Certified Analytical Report

Soil Sample Analysis:

Test	SD-E	SD-W	SG-E	SG-W	Units	PQL	EPA Method #
Sample Matrix	Soil	Soil	Soil	Soil			
Sample Date	8/16/96	8/16/96	8/16/96	8/16/96			
Sample Time	3:30	3:20	3:40	3:50			
Lab #	HC1516	HC1517	HC1518	HC1519			
Total Lead	7.5	5.0	5.2	9.1	mg/kg	0.50 mg/kg	7420
DF-Diesel	1	1	1	1			
TPH-Diesel	50	ND	66	21	mg/kg	1.0 mg/kg	8015M
DF-Gas/BTEX	1	1	1	1			
TPH-Gas	ND	ND	ND	ND	mg/kg	1.0 mg/kg	8015M
MTBE	ND	ND	ND	ND	mg/kg	0.05 mg/kg	8020
Benzene	ND	ND	ND	ND	mg/kg	0.005 mg/kg	8020
Toluene	ND	ND	ND	ND	mg/kg	0.005 mg/kg	8020
Ethyl Benzene	ND	ND	ND	ND	mg/kg	0.005 mg/kg	8020
Xylenes	ND	ND	ND	ND	mg/kg	0.005 mg/kg	8020

1. DLR=DF x PQL

2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #1369)


Michael N. Golden, Lab DirectorDF=Dilution Factor
DLR=Detection Reporting LimitPQL=Practical Quantitation Limit
ND=None Detected at or above DLR

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 136

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Tank Protect Engineering
2821 Whipple Road
Union City, CA 94587
Attn: Lyle Travis


Date:	8/26/96
Date Received:	8/19/96
Date Analyzed:	8/20-8/22/96
Project #:	383-081696
P.O. #:	1328
Sampled By:	Client

Certified Analytical Report

Soil Sample Analysis:

Test	SPI- A,B,C,D	Units	PQL	EPA Method #
Sample Matrix	Soil			
Sample Date	8/16/96			
Sample Time	1:55-2:10			
Lab #	HC1520			
Total Lead	13	mg/kg	0.50 mg/kg	7420
DF-Diesel	10			
TPH-Diesel	340	mg/kg	1.0 mg/kg	8015M
DF-Gas/BTEX	1			
TPH-Gas	46 ²	mg/kg	1.0 mg/kg	8015M
MTBE	ND	mg/kg	0.05 mg/kg	8020
Benzene	ND	mg/kg	0.005 mg/kg	8020
Toluene	ND	mg/kg	0.005 mg/kg	8020
Ethyl Benzene	ND	mg/kg	0.005 mg/kg	8020
Xylenes	ND	mg/kg	0.005 mg/kg	8020

1. DLR=DF x PQL
2. TPH-Gas chromatogram for Lab #HC1520, although within the reporting range, does not match the typical Gas pattern
3. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #1369)


Michael N. Golden, Lab Director

DF=Dilution Factor
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit
ND=None Detected at or above DLR

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Flame Atomic Absorption

QC Batch #: SM960803

Matrix: Soil/Sand

Units: mg/Kg

Date Analyzed: 08/20/96
Extraction Method: EPA 3050

PARAMETER	Method #	SA mg/Kg	SR mg/Kg	SP mg/Kg	SP %R	SPD mg/Kg	SPD %R	RPD	QC LIMITS %R
Cadmium	7130	na	na	na	na	na	na	na	50-150
Chromium	7190	na	na	na	na	na	na	na	50-150
Copper	7210	na	na	na	na	na	na	na	50-150
Lead	7420	25.	5.	27.	86	27.	86	0.3	50-150
Nickel	7520	25.	15.	38.	90	38.	89	0.8	50-150
Zinc	7950	na	na	na	na	na	na	na	50-150

Definition of Terms:

- na: Not Analyzed in QC batch
- SA: Spike Added
- SR: Sample Result
- SP: Spike Result
- SP (%R): Spike % Recovery
- SPD: Spike Duplicate Result
- SPD (%R): Spike Duplicate % Recovery

QA/QC OFFICER Nick J. Gaone
N. Gaone

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

QC Batch #: DS089605

Matrix: Soil

Units: mg/Kg

Date analyzed:

08/21/96

Date extracted:

08/21/96

PARAMETER	Method #	SA	SR	SP	SP	SPD	SPD	RPD	QC LIMITS	
		mg/Kg	mg/Kg	mg/Kg	%R	mg/Kg	%R		RPD	%R
Diesel	8015M	25	ND	23.1	92%	25.7	103%	10.7	25	50-150

Definition of Terms:

na: Not Analyzed in QC batch

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

NC: Not Calculated

QA/QC Officer: Nick J. Gaone
N. Gaone

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: GBG4082196

Matrix: Water/Soil

Units: $\mu\text{g/L}$

Date Analyzed: 08/21/96

PARAMETER	Method #	SA $\mu\text{g/L}$	SR $\mu\text{g/L}$	SP $\mu\text{g/L}$	SP % R	SPD $\mu\text{g/L}$	SPD %R	RPD	QC LIMITS (ADVISORY)	
									RPD	%R
Gasoline	8015M	210	ND	222	106%	213	101%	4.1	25	50-150
Benzene	8020	20	ND	20.0	100%	20.0	100%	0.0	25	50-150
Toluene	8020	20	ND	21.0	105%	22.0	110%	4.7	25	50-150

Definition of Terms:

na: Not Analyzed in QC batch

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike % Recovery

NC: Not Calculated

QA/QC Officer: Nick J. Gaone
N. Gaone



TANK PROTECT ENGINEERING
of Northern California, Inc.
2821 Whipple Rd., Union City, CA 94587-1233

(510) 429-8088 ■ (800) 523 8088 ■ Fax (510) 429 8089

LAB: ~~XXXXXXXX~~ Entech.
TURNAROUND: ~~XXXXXXXX~~ 10 DAYS
P.O. #: 1328

PAGE 1 OF 1

CHAIN OF CUSTODY

PROJECT NO.		SITE NAME & ADDRESS				(1) TYPE OF CON- TAINER	ANALYTES REQUESTED							REMARKS				
383-081696		ALITA BRAND 908 81st AVENUE OAKLAND, CA 94621					TOTAL LIGHT HC	AROMATIC HC	TOTAL HC (BTEX)	OIL & GREASE	PIC SCAN (24" x)	OTHER MTBE	TOTAL (LPTD)					
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER						ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION							
CYLIE TRAVIS TANK PROTECT ENGINEERING 2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088																		
✓	SD-E	8/19/96	3:30	✓		SD-E @ 7.5'	BRASS TUBE		✓	✓	✓	✓	✓	✓	✓			
✓	SD-W		3:20			SD-W @ 7.5'												
✓	SG-E		3:40			SG-E @ 7.5'												
✓	SG-W		3:50			SG-W @ 8.0'												
✓	SPI-A		1:55			SPI-A @ 1.0'												
✓	SPI-B		2:00			SPI-B @ 1.0'											} COMPOSITE INTO ONE SAMPLE	
✓	SPI-C		2:05			SPI-C @ 1.0'												
✓	SPI-D		2:10			SPI-D @ 1.0'												
Relinquished by : (Signature)		Date / Time		Received by : (Signature)		Relinquished by : (Signature)		Date / Time		Received by : (Signature)								
<i>Cylie Travis</i>		8/19/96 10:50AM																
Relinquished by : (Signature)		Date / Time		Received by : (Signature)		Relinquished by : (Signature)		Date / Time		Received by : (Signature)								
Relinquished by : (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks										
				<i>Flav. Rivera</i>		8/19/96 10:50AM												

DATE: _____



TANK PROTECT ENGINEERING
of Northern California, Inc.
2821 Whipple Rd., Union City, CA 94587-1233

(510) 429-8088 ■ (800) 523-8088 ■ Fax (510) 429-8089

LAB: Entech
TURNAROUND: 10 DAYS
P.O. #: 1328

PAGE 1 OF 1

CHAIN OF CUSTODY

PROJECT NO.		SITE NAME & ADDRESS				(1) TYPE OF CONTAINER	ANALYTES REQUESTED							REMARKS										
383-081696		ALITA BRAND 908 81 ST AVENUE OAKLAND, CA 94621					TOTAL LIGHT HC	AROMATIC HC	TOTAL HEAVY HC	OIL & GREASE	VOC SCAN (24's)	OTHER MT B/E	TOTAL (CPTD)											
SAMPLER NAME		ADDRESS AND TELEPHONE NUMBER				ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION													
CYCLE TRAVIS TANK PROTECT ENGINEERING		2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088																						
HC-1516	SD-E	8/19/96	3:30	✓		SD-E @ 7.5'	BRASS TUBE																	
HC-1517	SD-W		3:20			SD-W @ 7.5'																		
HC-1518	SG-E		3:40			SG-E @ 7.5'																		
HC-1519	SG-W		3:50			SG-W @ 8.0'																		
HC-1520	SPI-A		1:55			SPI-A @ 1.0'																		} COMPOSITE INTO ONE SAMPLE (HC-1520)
HC-1521	SPI-B		2:00			SPI-B @ 1.0'																		
HC-1522	SPI-C		2:05			SPI-C @ 1.0'																		
HC-1523	SPI-D		2:10			SPI-D @ 1.0'																		
Relinquished by : (Signature)		Date / Time		Received by : (Signature)		Relinquished by : (Signature)		Date / Time		Received by : (Signature)														
<i>Lyla Travis</i>		8/19/96 10:30M																						
Relinquished by : (Signature)		Date / Time		Received by : (Signature)		Relinquished by : (Signature)		Date / Time		Received by : (Signature)														
Relinquished by : (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks																
				<i>Flav. Rivera</i>		8/19/96 10:50AM																		

DATE: _____

Entech Analytical Labs, Inc.

CA ELAP# 136

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Tank Protect Engineering
2821 Whipple Road
Union City, CA 94587
Attn: Louis Travis III

Date:	9/3/96
Date Received:	8/29/96
Date Analyzed:	8/29-8/30/96
Project #:	383-082896
P.O. #:	1334
Sampled By:	Client

Certified Analytical Report

Water Sample Analysis:

<i>Test</i>	<i>WS-1</i>	<i>Units</i>	<i>PQL</i>	<i>EPA Method #</i>
Sample Matrix	Water			
Sample Date	8/28/96			
Sample Time	2:45			
Lab #	C11464			
Total Lead	ND	mg/liter	0.005 mg/l	239.2
DF-Diesel	1			
TPH-Diesel	8,300	µg/liter	50.0 µg/l	8015M
DF-Gas/BTEX	1			
TPH-Gas	130	µg/liter	50.0 µg/l	8015M
MTBE	ND	µg/liter	5.0 µg/l	8020
Benzene	1.0	µg/liter	0.5 µg/l	8020
Toluene	ND	µg/liter	0.5 µg/l	8020
Ethyl Benzene	ND	µg/liter	0.5 µg/l	8020
Xylenes	ND	µg/liter	0.5 µg/l	8020

1. DLR=DF x PQL
2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #1369)

Michael N. Golden (for)
Michael N. Golden, Lab Director

DF=Dilution Factor
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit
ND=None Detected at or above DLR

Environmental Analysis Since 1983



TANK PROTECT ENGINEERING
of Northern California, Inc.

2821 Whipple Rd., Union City, CA 94587-1233

(510) 429-8088 ■ (800) 523-8088 ■ Fax (510) 429-8089

LAB: INTEC

TURNAROUND: 48 hrs

P.O. #: 1334

PAGE 1 OF 1

CHAIN OF CUSTODY

PROJECT NO.		SITE NAME & ADDRESS				(1) TYPE OF CON- TAINER	ANALYTES REQUESTED							REMARKS					
393-086096		Alta Brand 980 61st Ave., Oakland					TOTAL LIQHT HC	AROMATIC HC	TOTAL HC (HT)	OIL & GREASE	PCB SCAL (220's)	OTHER (NY/PC)	Lead (AA)						
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER						ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION								
Louis Travis 2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088																			
						WS-1	8/28/96	2:45		✓	WS-1 from tank pit @ 2.0' bgs	1-1lb						C11464	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)									
<i>[Signature]</i>		8/29/96 8:00		<i>[Signature]</i>															
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)									
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks											

DATE: _____

09/03/1996 11:24 4087351554 PAGE 03

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: DW089605

Matrix: Water

Units: $\mu\text{g/L}$

Date analyzed: 08/30/96

Date extracted: 08/30/96

PARAMETER	Method #	SA	SR	SP	SP	SPD	SPD	RPD	QC LIMITS	
		$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	%R	$\mu\text{g/L}$	%R	RPD	%R	
Diesel	8015M	950	ND	1006	106%	964	101%	4.3	25	50-150

Definition of Terms:

na: Not Analyzed in QC batch

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R) Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R) Spike Duplicate % Recovery

NC: Not Calculated

QA/QC Officer: Nick J. Gaone

N. Gaone

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: GBG4082996

Date Analyzed: 08/29/96

Matrix: Water/Soil

Units: $\mu\text{g/L}$

PARAMETER	Method #	SA $\mu\text{g/L}$	SR $\mu\text{g/L}$	SP $\mu\text{g/L}$	SP % R	SPD $\mu\text{g/L}$	SPD %R	RPD	QC LIMITS (ADVISORY)	
									RPD	%R
Gasoline	8015M	223	ND	249	112%	197	88%	23.3	25	50-150
Benzene	8020	20	ND	21.0	105%	19.0	95%	10.0	25	50-150
Toluene	8020	20	ND	21.0	105%	17.0	85%	21.1	25	50-150

Definition of Terms:

na: Not Analyzed in QC batch

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike % Recovery

NC: Not Calculated

QA/QC Officer: Nick J. Gaone
N. Gaone

QUALITY CONTROL RESULTS SUMMARY

METHOD: Graphite Furnace Atomic Absorption

QC Batch #: WN-0048
Matrix: Water
Units: mg/L

Date Analyzed: 08/28/96

PARAMETER	Method #	SA	SR	SP	SP	SPD	SPD	RPD	QC LIMITS	
		mg/L	mg/L	mg/L	%R	mg/L	%R		%R	RPD
Antimony	204.2	0.50	0.00	0.53	106	0.55	111	4.1	80- 120	25
Arsenic	206.2	0.50	0.00	0.49	97	0.46	91	6.2	80- 120	25
Barium	208.2	na	na	na	na	na	na	na	80- 120	25
Beryllium	210.2	na	na	na	na	na	na	na	80- 120	25
Cadmium	213.2	0.50	0.00	0.51	102	0.53	106	3.5	80- 120	25
Chromium	218.2	0.50	0.00	0.51	103	0.51	101	1.4	80- 120	25
Cobalt	219.2	na	na	na	na	na	na	na	80- 120	25
Copper	220.2	na	na	na	na	na	na	na	80- 120	25
Lead	239.2	0.50	0.00	0.57	115	0.55	110	4.1	80- 120	25
Molybdenum	246.2	na	na	na	na	na	na	na	80- 120	25
Nickel	249.2	0.50	0.00	0.50	99	0.48	96	3.3	80- 120	25
Selenium	270.2	0.50	0.00	0.43	87	0.43	85	1.9	80- 120	25
Silver	272.2	na	na	na	na	na	na	na	80- 120	25
Thallium	279.2	0.50	0.00	0.37	74	0.39	79	6.3	50- 150	25
Vanadium	286.2	na	na	na	na	na	na	na	80- 120	25
Zinc	289.2	na	na	na	na	na	na	na	80- 120	25

Definition of Terms:

- na: Not Analyzed in QC batch
- SA: Spike Added
- SR: Sample Result
- RPD: Relative Percent Difference (between duplicate analyses)
- SP: Matrix Spike Result
- SP (%R): Matrix Spike % Recovery
- SPD: Matrix Spike Duplicate Result
- SPD (%R): Matrix Spike Duplicate % Recovery

QA/QC Officer: Nick F. Gaone
N. Gaone



TANK PROTECT ENGINEERING
of Northern California, Inc.
2821 Whipple Rd., Union City, CA 94587-1233

(510) 429-8088 ■ (800) 523-8088 ■ Fax (510) 429-8089

LAB: ENTECH

TURNAROUND: 48 hr.

P.O. #: 1355

CHAIN OF CUSTODY

PAGE 1 OF 1

PROJECT NO. 100496383		SITE NAME & ADDRESS ALITA BRAND 968 81st AVE OAKLAND				(1) TYPE OF CON- TAINER	ANALYTES REQUESTED						REMARKS
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER MARK R. VARNBY 2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088							TOTAL LIGHT HC	AROMATIC HC	TOTAL HEAVY HC	OIL & GREASE	POC SCAN (624's)	OTHER	
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION								
GW-1	10/4/96	8:15		X		1-40ml VOA	XX						
Relinquished by: (Signature) <i>[Signature]</i>		Date / Time 1435 10-4-96		Received by: (Signature) <i>[Signature]</i>		Relinquished by: (Signature) <i>[Signature]</i>		Date / Time 10-4-96 11436		Received by: (Signature) <i>[Signature]</i>			
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)			
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks					

DATE: 10/4/96