June 18, 1996

UNDERGROUND STORAGE TANK REMOVAL REPORT

4045 Broadway
Oakland, California

Project No. 1258

Prepared For

Ms. C.J. Gong
637 Beacon Street
Oakland, CA 94610

Prepared By

All Environmental, Inc.
3364 Mt. Diablo Boulevard
Lafayette, CA 94549
(510) 283-6000

AEI

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1.0 INTRODUCTION

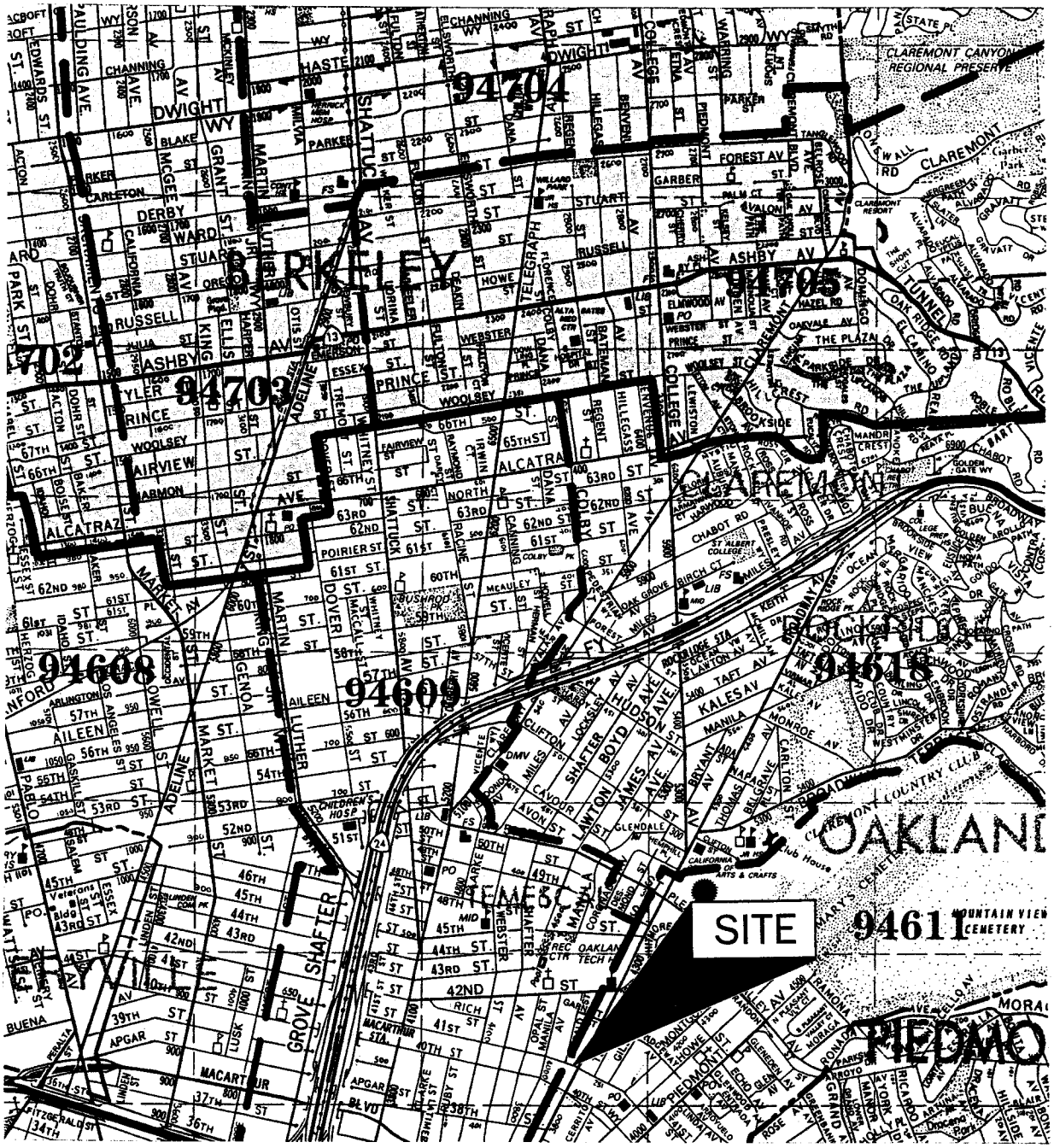
All Environmental, Inc. (AEI) has prepared this final report to document the underground storage tank (UST) removal performed at Accu-Tune and Brake, located at 4045 Broadway in San Francisco, California (Figure 1: Site Location Map). One 550-gallon waste oil UST was removed from the property. The tank was located behind and to the west of the property building, beneath the asphalt pavement (Figure 2: Site Plan).

AEI was contracted to obtain all necessary permits, excavate to expose the tank, remove and dispose of residual liquids from the tank, remove and dispose of the tank, perform soil sampling and analyses, and backfill and resurface the excavation.

2.0 PERMITS

On August 2, 1995, the Alameda County Health Care Services Agency (ACHCSA), Department of Environmental Health (DEH) accepted the underground storage tank closure permit application for the removal of the 550-gallon waste oil UST. In addition, the City of Oakland Fire Department issued Tank Permit #9960 on September 29, 1995. On December 15, 1995, the Bay Area Air Quality Management District (BAAQMD) and Cal OSHA were notified of the excavation plans. The property owner and operator were notified of the specific time plan.

Copies of the permits and notification documents are located in Appendix A: Permits and Notification Documents.



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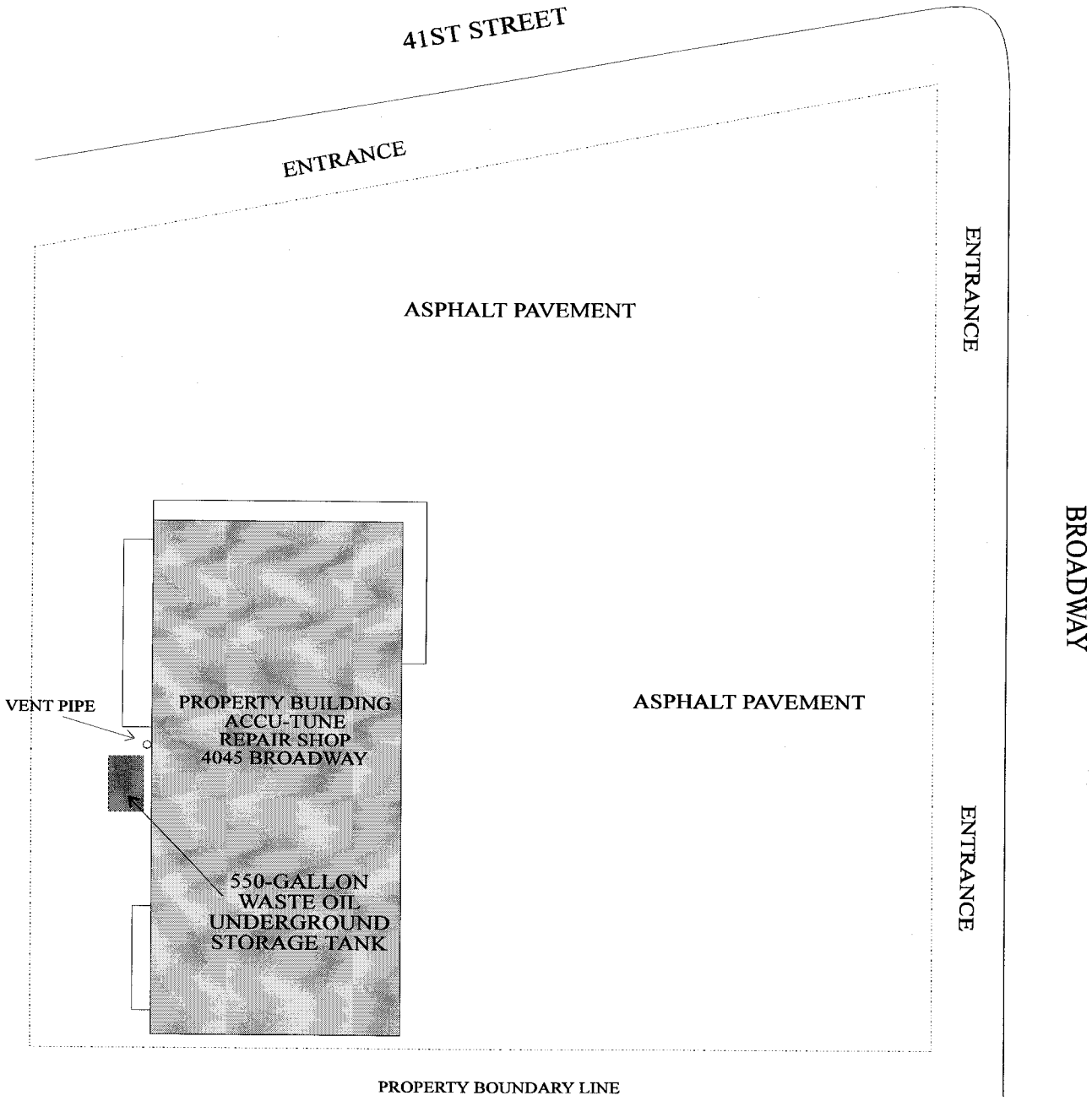
THOMAS BROS. MAPS
1994

ALL ENVIRONMENTAL, INC. 3364 MT. DIABLO BOULEVARD, LAFAYETTE		
SCALE: 1 IN = 2200 FT	APPROVED BY:	DRAWN BY:
DATE: 17 JUNE 96		REVISED:
SITE LOCATION MAP		
4045 BROADWAY OAKLAND		DRAWING NUMBER: FIGURE 1



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ALL ENVIRONMENTAL, INC.
3364 MT. DIABLO BOULEVARD, LAFAYETTE

SCALE: 1 IN = 20 FT	APPROVED BY:	DRAWN BY: C. SPARKS
DATE: 17 JUNE 96		REVISED: J.S. ANDERSON

SITE PLAN

4045 BROADWAY OAKLAND	DRAWING NUMBER: FIGURE 2

3.0 MOBILIZATION, EXCAVATION AND REMOVAL

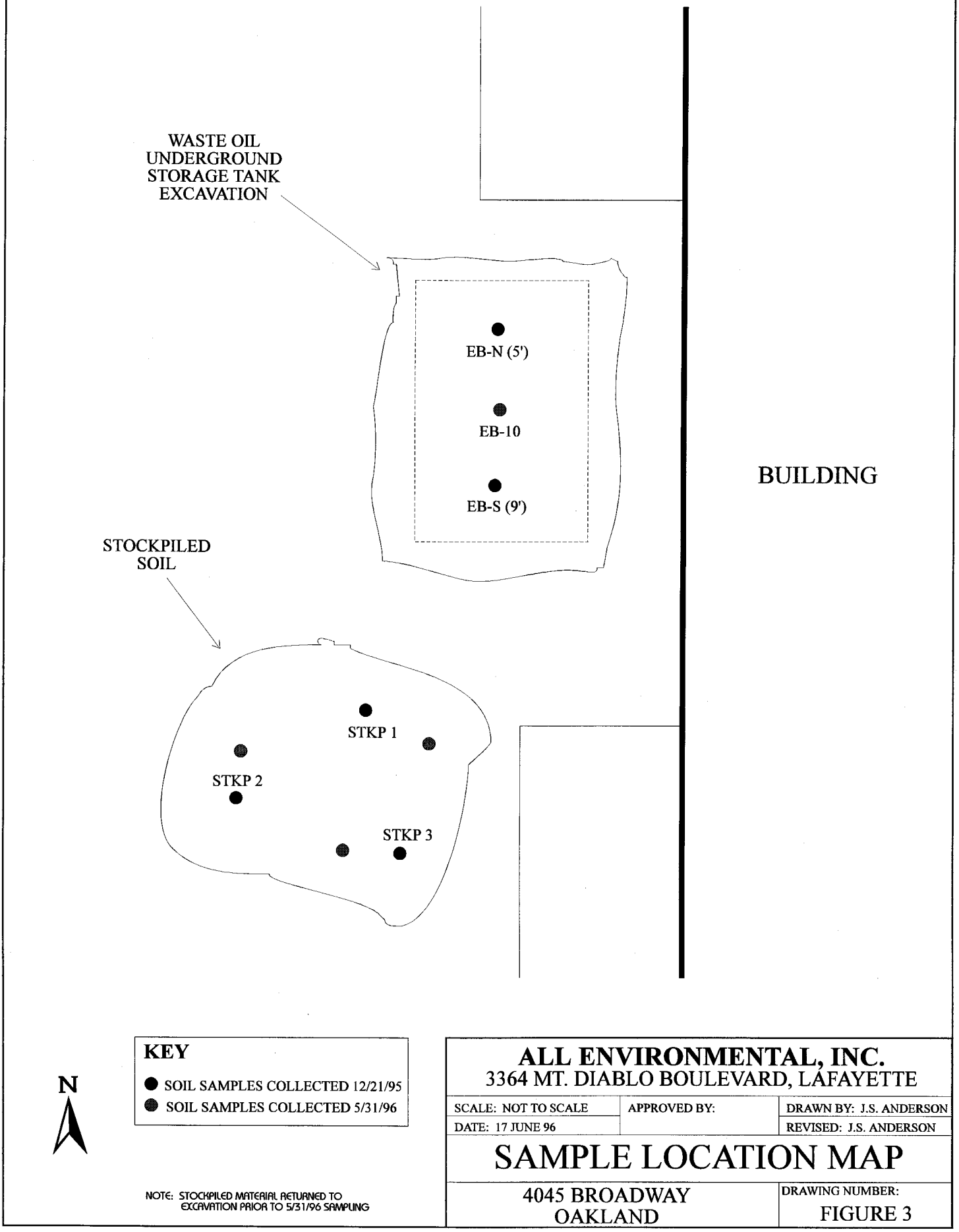
On December 21, 1995, the AEI field staff was briefed and the Site Health and Safety Plan reviewed prior to the initiation of work. The Site Health and Safety Plan is located in Appendix B: Site Health and Safety Plan. Ground cover was broken and the soil above the tank was excavated. All excavated soil was stockpiled adjacent to the excavation. One stockpile was created from the excavation, and designated STKP (Figure 2: Site Plan and Figure 3: Sample Location Plan).

Waste Oil Recovery Systems, Inc. removed the residual liquids from the tanks with a vacuum truck. The liquid was transported, under uniform hazardous waste manifest, to the Alviso Oil facility located at 5002 Archer Road in Alviso, California, for disposal. A total of 25 gallons was removed from the tank. The hazardous waste manifest for this liquid is located in Appendix C: Transport and Disposal Documents.

Fill piping and various lines were disassembled to be disposed of with the tank. Dry ice was introduced into the tank until the Lower Explosive Limit (LEL) and oxygen content reached acceptable levels.

The tank was removed at approximately 10:00 a.m. on December 21, 1995. The tank was visually inspected prior to loading for transport. Two holes were observed on the top and sides of the tank. Moderate soil staining and odor were noted during the tank removal.

The tank and various fill piping and lines were loaded onto a Dexanna, Ltd. truck and transported under hazardous waste manifest to the Erickson Disposal Facility at 255 Parr Boulevard in Richmond, California, where the tank was triple rinsed, cut, and scrapped. The hazardous waste manifest for the tank is located in Appendix C: Transport and Disposal Documents.



ALL ENVIRONMENTAL, INC.
3364 MT. DIABLO BOULEVARD, LAFAYETTE

SCALE: NOT TO SCALE	APPROVED BY:	DRAWN BY: J.S. ANDERSON
DATE: 17 JUNE 96		REVISED: J.S. ANDERSON

SAMPLE LOCATION MAP

4045 BROADWAY OAKLAND	DRAWING NUMBER: FIGURE 3

4.0 SAMPLING AND ANALYSES

A total of 5 samples were collected from the tank removal activities. All samples were collected under the direction of Hazardous Material Specialist, Madhulla Logan, of the ACHCSA-DEH. Two samples were obtained two feet beneath the tank from native soil, at approximately 9 and 5 feet below ground surface (bgs), respectively. The samples were collected from the north and south locations of the excavation bottom, and designated as EB-S-9 and EB-N-5. Three soil samples were collected from STKP. Please refer to Figure 3: Sample Location Plan for the sample locations. The laboratory compiled the three soil samples from the stockpiled soil, which was analyzed as one discrete composite sample.

The native soil beneath the tank primarily consisted of clayey sand. Moderate hydrocarbon staining and odor was noted in the excavation and associated stockpiled soil.

All soil samples were collected in brass tubes which were driven into the soil until completely full, then sealed with aluminum foil, plastic caps, and duct tape. The secured sample tubes were immediately placed into a cooler with ice. Chain of Custody documentation was initiated. The cooler and samples were brought to the AEI office and the samples were placed in a refrigerator. On December 26, 1995, the samples were picked up by McCampbell Analytical, Inc. personnel.

The samples were taken to McCampbell Analytical, Inc. (State Certification #1644) for chemical analyses. Samples associated with both tank removals were analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline (EPA Method 5030/8015), benzene, toluene, ethylbenzene, xylenes (BTEX) (EPA Method 8020/8240), TPH as diesel (EPA Method 3550/8015), volatile halocarbons (EPA Method 8010), and LUFT Metals (EPA Method 6010). The analyses are summarized in the following table.

Table 1: Soil Sample Analyses

Sample I.D.	TPH as gasoline (mg/kg)	TPH as diesel (mg/kg)	benzene (mg/kg)	toluene (mg/kg)	ethyl-benzene (mg/kg)	total xylenes (mg/kg)	volatile halo-carbons (mg/kg)
EB-S (9')	<1.0	3.4	<0.005	<0.005	<0.005	0.010	N.D.
EB-N (5')	<1.0	6.0	<0.005	<0.005	<0.005	0.012	N.D.
STKP (1-3)*	32	120	<0.005	<0.005	<0.005	0.31	N.D.

Table 1: Soil Sample Analyses (cont.)

Sample I.D.	cadmium (mg/Kg)	chromium (mg/Kg)	lead (mg/Kg)	nickel (mg/Kg)	zinc (mg/Kg)
EB-S (9')	<0.5	53	<3.0	65	53
EB-N (5')	<0.5	69	<3.0	86	67
STKP (1-3)*	<0.5	52	0.023	90	55

(mg/kg) = ppm (parts per million)
N.D. = Not detected above reporting limit
* Composite soil sample

At the request of ACHCSA-DEH, additional soil samples were collected from the stockpiled soil and excavation bottom on May 31, 1996. The samples were collected during a Phase II soil and groundwater investigation performed in the northeast corner of the property. One sample (EB-10) was collected from the bottom of the excavation at 10 feet bgs using a geoprobe drilling rig. Three discrete samples were collected from the stockpiled soil and analyzed as one composite sample. The soil samples collected were analyzed for total oil & grease (TOG) (EPA method

5520) and polynuclear aromatic hydrocarbons (PAHs) (EPA method 8270). The additional analyses are presented in the following table.

Table 2: Additional Soil Sample Analyses

Sample I.D.	TOG (mg/kg)	PAHs (mg/kg)
EB-10	470	N.D.
STKP (1-3)*	410	N.D.

(mg/kg) = ppm (parts per million)
N.D. = Not detected above reporting limit
* Composite soil sample

Copies of all analytical results and Chain of Custody documentation are located in Appendix D: Sample Analytical Documentation.

5.0 DISCUSSIONS AND CONCLUSIONS

On December 21, 1995, one 550-gallon waste oil underground storage tank was removed from behind the property building. The tank was transported as hazardous waste to the Erickson Disposal Facility in Richmond, California where the tank was cleaned and disposed of as scrap metal.

Soil samples collected from the bottom of the excavation were impacted with 470 ppm TOG and minor concentrations of TPH as diesel, xylenes and metals. TPH as gasoline, benzene, toluene, ethylbenzene, PAHs, volatile halocarbons were not present within the excavation bottom samples above the detection limits. Soil samples collected from the stockpiled material were impacted with 410 ppm TOG, 32 ppm TPH as gasoline, 120 ppm TPH as diesel and minor concentrations

of toluene, xylenes and metals. Benzene, ethylbenzene, volatile halocarbons, cadmium and PAHs were not found above the detection limits.

The soil sample analysis indicate that the previous storage of waste oil within the former tank has impacted the subsurface. AEI recommends the removal and off-site disposal of the stockpiled soil. Additional petroleum hydrocarbon impacted soil should be removed from the excavation and disposed of off-site. The collection and analysis of soil samples from the excavation should occur in order to confirm the removal of hydrocarbon impacted soil. Clean soil should be imported to replace the volume of the tank and the contaminated soil.

6.0 REPORT LIMITATIONS AND SIGNATURES

This report presents a summary of work completed by All Environmental, Inc. (AEI), including observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide required information, but it cannot be assumed that they are representative of areas not sampled. All conclusions and/or recommendations are based on these analyses and observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document.

All Environmental, Inc. (AEI) warrants that all services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work.

All Environmental, Inc.

Jennifer Anderson
Project Manager

Craig Hertz
Registered Environmental Assessor (REA)

APPENDIX A

PERMITS and NOTIFICATION DOCUMENTS

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

96 AUG -2 PM 2:47

ACCEPTED

Underground Storage Tank Closure Permit Application

Alameda County Division of Hazardous Materials
80 Swan Way, Suite 200,
Oakland, CA 94621
Telephone: (510) 271-4320

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

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

Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws.

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

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

Issuance of a) permit to operate, b) permanent site closure, is dependant 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 Accutune

   Business Owner or Contact Person **(PRINT)** C.J. Gong

2. Site Address 4045 Broadway

   City Oakland Zip 94611 Phone (510) 531-6094

3. Mailing Address 637 Beacon St.

   City Oakland Zip 94610 Phone (510) 531-6094

4. Property Owner C.J. Gong

   Business Name (if applicable) Gong Associates

   Address 637 Beacon St.

   City, State Oakland Zip 94610

5. Generator name under which tank will be manifested

   Gong Associates

   EPA ID# under which tank will be manifested C A C 0 0 1 0 3 0 4 0 8

6. Contractor All Environmental, Inc.

Address 2641 Crow Canyon Road, Suite 5

City San Ramon, CA Phone (510) 820-3224

License Type* A w/Haz ID# 654919

*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) All Environmental, Inc.

Address 2641 Crow Canyon Road, Suite 5

City, State San Ramon, CA Phone (510) 820-3224

94583

8. Main Contact Person for Investigation (if applicable)

Name Michael Killoran Title Project Geologist

Company All Environmental, Inc.

Phone (510) 820-3224

9. Number of underground tanks being closed with this plan (1) One

Length of piping being removed under this plan 10 feet

Total number of underground tanks at this facility (**confirmed with owner or operator) 1

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 Waste Oil Recovery EPA I.D. No. CAD000626515

Hauler License No. 843 License Exp. Date 07/31/95

Address 6401 Leona St.

City Oakland State CA Zip 94605

b) Product/Residual Sludge/Rinsate Disposal Site

Name Demeeno Kerdoon EPA ID# CAT080013352

Address 2000 North Alameda

City Compton State CA Zip 90221

c) Tank and Piping Transporter

Name Dexanna, Inc. EPA I.D. No. CAD982438566

Hauler License No. 2883 License Exp. Date 04/30/96

Address 3104 Athene Court

City Concord State CA Zip 94519

d) Tank and Piping Disposal Site

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

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

11. Sample Collector

Name Dusty Roy

Company All Environmental, Inc.

Address 2641 Crow Canyon Road, Suite 5

City San Ramon State CA Zip 94583 Phone (510) 820-3224

) Laboratory

Name Priority Environmental Labs

Address 1764 Houret Court

City Milpitas State CA Zip 95035

State Certification No. 1708

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:

Dry ice at a rate of at least 1.5 lbs. per 100 gallons tank volume.

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)		
1000 gal. waste oil	1995	Soil (and groundwater if encountered)	One soil from each end of the tank, 2' below tank bottom.

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) 6 cu. yards	Sampling Plan One composite of four soil samples taken by driving a brass tube into soil with mallet. Samples will be secured with aluminum foil, caps, and

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 [x] unknown

If yes, explain reasoning If soil is relatively uncontaminated, then "YES"

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

16. Chemical methods and associated detection limits to be used for analyzing samples:
The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed.
See attached Table 2.

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPH-diesel	EPA 3510/8015		1 ppm
TPH-gasoline	EPA 5030/8015		1 ppm
BTEX	EPA 5030/8020		5 ppb
O & G	EPA 5520 D & F		50 ppm
Chlorinated Hydrocarbons	EPA 8010		5 ppb
5 Metals (cadmium, chromium, lead, nickel, zinc).	EPA 7130, 7190, 7420, 7520, & 7950.		0.10 ppm

PNA - EPA 8270 5ppb
MTBE EPA 8020

18. Submit Worker's Compensation Certificate copy

Name of Insurer State 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 All Environmental, Inc.

Name of Individual Michael J. Killoran

Signature _____ Date _____

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business Accutune

Name of Individual Mrs. C. J. Gong

Signature _____ Date _____

6739

7.30

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

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

II,III

Site ID # ____ Site Name Accuvac Today's Date 12/1/95

Site Address 6045 BROADWAY

City OAKLAND Zip 94611 Phone ____

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

Inspection Categories:
____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Business Plans, Acute Hazardous Materials
X 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. MATLS

__	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(l)
__	18. Exemption Request? (Y/N)	25536(b)
__	19. Trade Secret Requested?	25538

III. UNDERGROUND TANKS (Title 23)

General

__	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 tsting
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

1550-gallon underground storage tank is to be removed. Used for storing waste oil. The instrument (LEL/Explosion) was calibrated by Dusty Roy of All Environment. LEL & O_2 less than 1%. Some water in pit which could be due to the rains. However, the pit was open upon today. Stained soil around the tank. Two holes on top & sides of tank was very corroded. The tank was transported by DEXANNA Ltd & is being disposed off at ERICKSON, INC. Two samples from each ends of the tank were collected. EBS-N at EBS-S → The stockpiled will be sampled & placed back in the backfill as inspected. 1 composite sample of the stockpiled sample will be collected

II, III

Contact: ____ Inspector: Madhulla Logan

Title: DUSTY ROY

Signature: Dusty Roy Signature: Madhulla Logan

Excavation Permit Granted _____ No. _____

CITY OF OAKLAND

Tank Permit No. 9960

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

Oakland, California, September29 19 95

PERMISSION IS HEREBY GRANTED TO ~~XXX~~ install ~~XXX~~ remove ~~XXX~~ repair ~~XXX~~ Gasoline tank and excavate commencing _____ feet inside property line

on the West side of Broadway Street Avenue 70 feet South of 41st St. Street Avenue

House No. 4045 Broadway Street Avenue Present Storage _____

Owner C.J. Gong Address 637 Beacon St. Phone 5316094

Applicant All Environmental, Inc. Address 2641 Crow Canyon Rd., Ste 5 Phone 830-3224
San Ramon, 94583

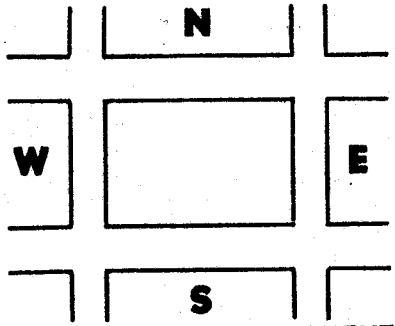
Dimensions of street (sidewalk) surface to be disturbed _____ X _____ Number of Tanks 1 Capacity 1000 Gallons, each.

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.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Inspected and passed on _____ 19____

By _____ Fire Marshal

Inspection Fee Paid - - - - - - - - $ 150.00

Received by S. Smith ck#4430 receipt#727421
FIRE PREVENTION BUREAU

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.

538-68 (6-67)

APPENDIX B

SITE HEALTH and SAFETY PLAN

HEALTH AND SAFETY PLAN

Prepared for:

Ms. Gong
4045 Broadway
Oakland, CA 94611

A. INTRODUCTION

This Site Specific Health and Safety Plan is written for the tank removal project located at the commercial property owned by Ms. C.J. Gong. All job site personnel will follow CAL OSHA safe operating practices as outlined in 29 CFR 1910 and 1926, as well as established guidelines set forth by All Environmental, Inc. or their respective companies.

B. WORK DESCRIPTION

Prepared by: Michael Killoran, Project Manager

Site Manager: Dusty Roy

Address: Accutune
4045 Broadway
Oakland, CA 94611

Scope of Work: All Environmental, Inc. (AEI) will remove 1-250 gallon underground waste oil tank at the property located at the above address. The tank will be emptied, removed and disposed of according to federal, state and local regulations. Soil samples will be taken from the native material, two feet below the center of the tank and from the stockpiled material. The excavation will be backfilled and resurfaced to match the surrounding conditions.

C. SITE/WASTE CHARACTERISTICS

Hazard Level: Serious: Low: XXX
Moderate: XXX Unknown:

Waste Type:		
	Solid:	Underground Storage Tank
	Sludge:	None
	Liquid:	Remaining Product Inside Tank
	Gas:	None

Hazard Characteristics: Combustible, Toxic

There will be a three feet boundary surrounding the excavation pit and the stockpiled material. The area within this boundary is considered an exclusion zone and only qualified personnel will

be allowed to enter. All personnel arriving or departing the site should log in before entering the exclusion zone. All activities on site must be cleared through the Site Manager.

D. HAZARD EVALUATION

Potential chemical hazards include skin and eye contact or inhalation exposure to potentially toxic concentrations of hydrocarbon vapors. The potential toxic compounds that may exist at the site are listed below with descriptions of specific health effects of each. The list includes the primary potential toxic constituents that may be found at sites which previously handled petroleum hydrocarbons, including home heating diesel fuel.

1. Benzene
   a. Colorless to light yellow, flammable liquid with an aromatic odor.
   b. Toxic hazard by **inhalation**, **adsorption**, **ingestion** and **skin and/or eye contact**.
   c. Exposure may irritate eyes, nose and respiratory system and may cause acute restlessness, convulsions, nausea, or depression. Benzene is carcinogenic.*
   d. Permissible exposure level (PEL) for a time weighted average (TWA) over an eight hour period is 1.0 ppm.

2. Toluene
   a. Colorless liquid with a sweet, pungent, benzene like odor.
   b. Toxic hazard by **inhalation**, **adsorption**, **ingestion** and **skin and/or eye contact**.
   c. Exposure may cause fatigue, weakness, confusion, euphoria, dizziness, headaches, dilated pupils, lacrimation, nervousness, insomnia, paresthesia, and dermatitis.
   d. Permissible exposure level for a time weighted average over an eight hour period is 100 ppm.

3. Xylene
   a. Colorless liquid with an aromatic odor.
   b. Toxic hazard by **inhalation**, **adsorption**, **ingestion** and **skin and/or eye contact**.
   c. Exposure may irritate eyes nose and throat and may cause dizziness, excitement, drowsiness, incoordination, corneal vacuolization, anorexia, nausea, vomiting, and dermatitis.
   d. Permissible exposure level for a time weighted average over an eight hour period is 100 ppm.

4. Ethylbenzene
   a. Colorless liquid with an aromatic odor.
   b. Toxic hazard by **inhalation**, **ingestion**, and **skin and/or eye contact**.
   Ethylbenzene is carcinogenic.*
   c. Exposure may irritate eyes and mucous membrane and may cause headaches, dermatitis, narcosis and loss of consciousness.

d. Permissible exposure level for a time weighted average over an eight hour period is 100 ppm.

*** Known to the State of California to cause cancer.**

5. Lead
   a. A heavy ductile soft gray metal.
   b. Toxic hazard by **inhalation**, **ingestion**, and **skin and/or eye contact**.
   c. Exposure may cause weakness, nausea, lassitude, diarrhea, insomnia, anorexia, inflamed mucous membranes and abdominal pains. Lead is carcinogenic.*
   d. Permissible exposure level for a time weighted average over an eight hour period is .05 ppb (in vapor).

6. Diesel
   a. Colorless to dark brown, combustible liquid with an aromatic odor
   b. Toxic hazard by **inhalation**, **ingestion**, **skin and/or eye contact**.
   c. Inhalation of vapors may depress the central nervous system, increasing reaction times, and decreasing pulse rate and blood pressure. Skin irritant.
   d. Occupational exposure limit 5.0 ppm (in vapor).

7. Gasoline
   a. Colorless liquid with a strong aromatic odor. Highly volatile and extremely flammable.
   b. Toxic hazard by **inhalation**, **adsorption**, **ingestion** and **skin and/or eye contact**.
   c. Inhalation of vapors can cause depression of the central nervous system with symptoms such as headache, dizziness, nausea and loss of coordination. Skin contact can cause defatting of the skin, skin irritation and dermatitis. Benzene is a major constituent of gasoline.
   d. Permissible exposure level for a time weighted average over an eight hour period is 300 ppm.

8. Waste Oil
   a. Toxic hazard by **ingestion** and possibly **inhalation.**
   b. Prolonged contact may cause skin irritation and dermatitis. Waste oil may be carcinogenic.*
   c. Waste oil may contain metals or toxic organics from thermal breakdown of the oil. In some cases, chlorinated solvents may be present.
   d. Permissible exposure level for a time weighted average over an eight hour period is 5 ppm (in vapor).

*** Known to the State of California to cause cancer.**

Dusty Roy has been designated to coordinate access control and security on site. All work will strictly follow OSHA guidelines. A safe perimeter has been established at a three feet radius surrounding the site. These boundaries are identified by yellow caution tape and orange safety cones. Personnel shall maintain the maximum distance from the pit while performing their duties. No one shall enter an excavation pit that is greater than five feet in depth unless the excavation is shored or sloped and no one shall climb on the stockpiled material except to cover it with plastic. Additional hazards on site include heavy equipment and overhead lifting equipment. Heavy equipment used for performing the tank removal project may include a backhoe, an excavator, or a crane for lifting the tank out of the excavation. Only 40 hour trained personnel will operate equipment or perform any duty associated with this project. A hard hat and steel toed boots are mandatory for all personnel associated with the tank removal.

A FIRST AID KIT AND A 40 POUND BC FIRE EXTINGUISHER WILL BE AVAILABLE ON SITE.

EMERGENCY SERVICES ARE AVAILABLE BY DIALING **911** ON THE TELEPHONE LOCATED IN THE SITE MANAGER'S VEHICLE. THIS VEHICLE WILL BE ON SITE AT ALL TIMES.

E. PERSONAL PROTECTIVE CLOTHING

Based on evaluation of potential hazards, level "D" protective clothing has been designated as the appropriate protection for this project. The level of protective clothing will be upgraded if the organic vapor levels in the operator's breathing zone exceeds 5 ppm above background levels continuously for more than five minutes, or if any single reading exceeds 25 ppm. If this occurs then level C protection will be used. If the organic concentration in the operator's breathing zone exceeds 200 ppm for 5 minutes and/or the organic vapor concentration two feet above the excavation exceeds 1,000 ppm or 10% of the lower explosive limit, then the equipment will be shut down and the site evacuated. If organic vapor concentrations exceed 200 ppm and work continues then level B protection will be required.

"EPA Standard Operating Safety Guidelines" defines the levels of protective clothing as follows:

LEVEL A:
Fully encapsulating suit / SCBA / Hard hat / Steel toe boots / Safety gloves.

LEVEL B:
Splash resistant suit / SCBA / Hard Hat / Steel toe boots / Safety gloves.

LEVEL C:
Half face respirator / Hard hat / Safety glasses / Steel toe boots / Coveralls / Gloves.

LEVEL D:

Coveralls / Hard hat / Safety Glasses / Steel toe boots / Gloves.

If air purifying respirators are authorized, organic vapor w-filter is the appropriate canister for use with the involved substances and concentrations. A competent individual has determined that all criteria for using this type of respiratory protection have been met.

NO CHANGES TO THE SPECIFIED LEVELS OF PROTECTION SHALL BE MADE WITHOUT THE APPROVAL OF THE COMPANY SAFETY OFFICER, G. W. ROY.

F. MONITORING INSTRUMENTS

The following environmental monitoring instruments shall be used on site at specified intervals.

Lower Explosive Limit (LEL) Meter that will also check the tank for Oxygen levels will be used to check the tank for removal and transportation.

G. EMERGENCY HOSPITAL

The closest hospital with an emergency room is:

PERALTA HOSPITAL **(510) 451-4900**

EMERGENCY **911**

DIRECTIONS FROM THE JOB SITE:

EXIT JOB SITE AND GO:

South on Broadway
Right on 30th St.
Hospital located on the right at 450 30th Street

APPENDIX C

TRANSPORT and DISPOSAL DOCUMENTS

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

See Instructions on back of page 6.

Department of Toxic Substances
Sacramento, California

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

93730769

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC00116301408	Manifest Document No. 30769	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address: MS. C.J. GONG, 637 BEACON STREET, OAKLAND CAL 94610

4. Generator's Phone ( ) (510) 531-6094

A. State Manifest Document Number: 9373076[illegible]

B. State Generator's ID:

5. Transporter 1 Company Name: WASTE OIL RECOVERY

6. US EPA ID Number: CAD000187592

C. State Transporter's ID: 616066

D. Transporter's Phone: 510 533075[illegible]

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: ALLUSO OIL, 5002 ARCHER, ALLUSO CAL

10. US EPA ID Number: CAD000048571

G. State Facility's ID: CAD000048571

H. Facility's Phone: 408 262 2715

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. USED OILS NON RCRA HAZARDOUS WASTE LIQUID	001	TT	00025	/	State 221; EPA/Other N/A
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above: HAZ WASTE OILS + H_2O

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

15. Special Handling Instructions and Additional Information:
ERG 27
24 HOUR 5105330750
WEAR P.P.E.
SITE: ACCU-TUNE, 41ST ST. @ BROADWAY, OAKLAND CAL

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
Dusty Ray (on behalf of Generator)	Dusty Ray	12	21	9[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
A. FAHAN	[signature]	12	21	9[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

2A (9/93)
-22

Yellow: GENERATOR RETAINS

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 23247

CUSTOMER ALL ENVIRONMEN

JOB NO. 967294

FOR: ERICKSON, INC. TANK NO. 17104

LOCATION: RICHMOND DATE: 96/01/08 TIME: 11:33

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UO

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

TANK SIZE 550 GALLON TANK CONDITION SAFE FOR FIRE

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

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

STANDARD SAFETY DESIGNATION

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

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

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

Francisco Chago — REPRESENTATIVE

TITLE

Dave Soto — INSPECTOR

CP5995

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

See Instructions on back of page 6. 967994

Department of Toxic Substances Control
Sacramento, California

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

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.
CAC001030408	00361		

GENERATOR

3. Generator's Name and Mailing Address: C. J. Gong Oakland Calif. 637 Beacon Street - 94610
4. Generator's Phone: 510 531-6094

A. State Manifest Document Number: 95101136
B. State Generator's ID:
C. State Transporter's ID: 602255
D. Transporter's Phone: (510) 687-1292
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID: CAD009466392
H. Facility's Phone: (510) 687-1292

5. Transporter 1 Company Name: Dexanna, Ltd.
6. US EPA ID Number: CAD982435553
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: Erickson, Inc. - 255 Parr Blvd. Richmond, California 94801
10. US EPA ID Number: CAD009463392

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. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.	001	TP	00550	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. 1 Empty Storage Tank # 17104. Tank has been inerted with 15 lbs. DRY ICE per 1000 gallons capacity.

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

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition.
Site Location: 4045 Broadway - Oakland California
24 Hr. Contact Name: C. J. Gong & phone # (510) 531-6094

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
DUSTY RUN ON BEHALF OF	DUSTY RUN	12	21	95

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James R. Cox		12	21	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
DAVID SATO	DAVE SATO	12	21	95

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (9/93)
EPA 8700—22

White TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To P.O. Box 3000, Sacramento, CA 95812

APPENDIX D

SAMPLE ANALYTICAL DOCUMENTATION

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

All Environmental, Inc. 2641 Crow Canyon Rd., # 5 San Ramon, CA94583	Client Project ID: # 1258; Gong	Date Sampled: 12/21/95
		Date Received: 12/26/95
	Client Contact: Michael Killoran	Date Extracted: 12/27/95
	Client P.O:	Date Analyzed: 12/27/95

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	Benzene	Toluene	Ethylbenzene	Xylenes	% Rec. Surrogate
59860	EBS9'	S	ND	ND	ND	ND	0.010	108
59861	EBN5'	S	ND	ND	ND	ND	0.012	95
59862	STKP-1-3	S	32,g,d	ND	0.023	ND	0.31	99
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, soil samples in mg/kg, and all TCLP extracts in mg/L

cluttered chromatogram; sample peak coelutes with surrogate peak

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

All Environmental, Inc. 2641 Crow Canyon Rd., # 5 San Ramon, CA94583	Client Project ID: # 1258; Gong	Date Sampled: 12/21/95
		Date Received: 12/26/95
	Client Contact: Michael Killoran	Date Extracted: 12/27/95
	Client P.O:	Date Analyzed: 12/27/95

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)+	% Recovery Surrogate
59860	EBS9'	S	3.4,g	100
59861	EBN5'	S	6.0,g	99
59862	STKP-1-3	S	120,g,d	104
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	
		S	1.0 mg/kg	

* water samples are reported in ug/L, soil samples in mg/kg, and all TCLP and STLC extracts in mg/L

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

All Environmental, Inc. 2641 Crow Canyon Rd., # 5 San Ramon, CA94583	Client Project ID: # 1258; Gong	Date Sampled: 12/21/95
		Date Received: 12/26/95
	Client Contact: Michael Killoran	Date Extracted: 12/27/95
	Client P.O:	Date Analyzed: 12/27/95

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	59860	59861	59862	
Client ID	EBS9'	EBN5'	STKP-1-3	
Matrix	S	S	S	
Compound	Concentration*			
Bromodichloromethane	ND	ND	ND	
Bromoform(b)	ND	ND	ND	
Bromomethane	ND	ND	ND	
Carbon Tetrachloride(c)	ND	ND	ND	
Chlorobenzene	ND	ND	ND	
Chloroethane	ND	ND	ND	
2-Chloroethyl Vinyl Ether(d)	ND	ND	ND	
Chloroform (e)	ND	ND	ND	
Chloromethane	ND	ND	ND	
Dibromochloromethane	ND	ND	ND	
1,2-Dichlorobenzene	ND	ND	ND	
1,3-Dichlorobenzene	ND	ND	ND	
1,4-Dichlorobenzene	ND	ND	ND	
Dichlorodifluoromethane	ND	ND	ND	
1,1-Dichloroethane	ND	ND	ND	
1,2-Dichloroethane	ND	ND	ND	
1,1-Dichloroethene	ND	ND	ND	
cis 1,2-Dichloroethene	ND	ND	ND	
trans 1,2-Dichloroethene	ND	ND	ND	
1,2-Dichloropropane	ND	ND	ND	
cis 1,3-Dichloropropene	ND	ND	ND	
trans 1,3-Dichloropropene	ND	ND	ND	
Methylene Chloride(f)	ND< 20	ND< 20	ND< 20	
1,1,2,2-Tetrachloroethane	ND	ND	ND	
Tetrachloroethene	ND< 10	ND< 10	ND< 10	
1,1,1-Trichloroethane	ND	ND	ND	
1,1,2-Trichloroethane	ND	ND	ND	
Trichloroethene	ND	ND	ND	
Trichlorofluoromethane	ND	ND	ND	
Vinyl Chloride(g)	ND	ND	ND	
% Recovery Surrogate	103	91	103	
Comments				

* water and vapor samples are reported in ug/L, soil samples in ug/kg and all TCLP extracts in ug/L.

Reporting limit unless otherwise stated: water/TCLP extracts, ND< 0.5ug/L; soil, ND< 5ug/kg

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~ 5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

All Environmental, Inc. 2641 Crow Canyon Rd., # 5 San Ramon, CA94583	Client Project ID: # 1258; Gong	Date Sampled: 12/21/95
		Date Received: 12/26/95
	Client Contact: Michael Killoran	Date Extracted: 12/27/95
	Client P.O:	Date Analyzed: 12/27/95

LUFT Metals*

EPA analytical methods 6010/200.7, 239.2+

Lab ID	Client ID	Matrix	Extraction°	Cadmium	Chromium	Lead	Nickel	Zinc	% Rec. Surrogate
59860	EBS9'	S	TTLC	ND	53	26	65	53	81
59861	EBN5'	S	TTLC	ND	69	25	86	67	90
59862	STKP-1-3	S	TTLC	ND	52	84	90	55	91
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		S	TTLC	0.5 mg/L	0.5	3.0	2.0	1.0	
		W	TTLC	0.01 mg/kg	0.005	0.005	0.02	0.01	
		---	STLC,TCLP	0.01 mg/L	0.05	0.2	0.05	0.05	

* soil samples are reported in mg/kg, and water samples and all STLC & TCLP extracts in mg/L

+ Lead is analysed using EPA method 6010 (ICP)for soils, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

o EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC from CA Title 22

surrogate diluted out of range; N/A means surrogate not applicable to this analysis

i) liquid sample that contains greater than ~ 2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 12/27/95 Matrix: Soil

Analyte	Concentration (mg/kg) Sample (#56725)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	1.796	1.793	2.03	88	88	0.2
Benzene	0.000	0.196	0.206	0.2	98	103	5.0
Toluene	0.000	0.202	0.218	0.2	101	109	7.6
Ethylbenzene	0.000	0.204	0.196	0.2	102	98	4.0
Xylenes	0.000	0.600	0.582	0.6	100	97	3.0
TPH (diesel)	0	308	310	300	103	103	0.6
TRPH (oil & grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR EPA 8010/8020/EDB

Date: 12/27/95 Matrix: Soil

Analyte	Concentration (ug/kg)				% Recovery		
	Sample	MS	MSD	Amount Spiked	MS	MSD	RPD
1,1-DCE	0	89	88	100	89	88	1.1
Trichloroethene	0	83	83	100	83	83	0.0
EDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0	87	87	100	87	87	0.0
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobz (PID)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR METALS

Date: 12/27/95 Matrix: Soil

Extraction: TTLC

Analyte	Concentration (mg/kg, mg/L) Sample	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
Arsenic	0.0	4.8	4.8	5.0	95	97	1.3
Selenium	0.0	4.7	4.8	5.0	94	96	1.8
Molybdenum	0.0	4.7	4.8	5.0	94	95	1.5
Silver	0.0	0.5	0.5	0.6	75	75	0.0
Thallium	0.0	29.3	29.5	30.0	98	98	0.7
Barium	0.0	4.4	4.4	5.0	89	88	0.8
Nickel	0.0	4.7	4.7	5.0	93	93	0.2
Chromium	0.0	4.7	4.6	5.0	93	93	0.1
Vanadium	0.0	4.5	4.5	5.0	90	90	0.7
Beryllium	0.0	4.8	4.8	5.0	95	95	0.1
Zinc	0.0	4.6	4.6	5.0	91	92	0.5
Copper	0.0	4.5	4.5	5.0	90	91	0.6
Antimony	0.0	4.6	4.6	5.0	92	93	0.4
Lead	0.0	4.6	4.6	5.0	92	93	0.4
Cadmium	0.0	5.0	5.0	5.0	100	100	0.0
Cobalt	0.0	4.6	4.6	5.0	92	92	0.1
Mercury	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

5516AALEX5

McCAMPBELL ANALYTICAL

110 2nd AVENUE, # D7
(510) 798-1620 PACHECO, CA 94553 FAX (510) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☒ RUSH ☐ 24 HOUR ☐ 48 HOUR ☐ 5 DAY

REPORT TO: BILL TO:

COMPANY: All Environmental Inc
San Ramon CA 94583

TELE: 510-820-3224 FAX #: 510-838-2687

PROJECT NUMBER: 1258 PROJECT NAME: CONG

PROJECT LOCATION: OAKLAND SAMPLER SIGNATURE: Dusty Roy

SAMPLE ID	LOCATION	SAMPLING DATE	SAMPLING TIME	# CONTAINERS	TYPE CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	METHOD PRESERVED: HCL	HNO_3	OTHER
~~EBS8~~		12/~~21~~/95		4			X						
EBS9'		12/21/95		1			X						
EBN5'		"		1			X						
STKP-1-3		"		3			X						

ANALYSIS REQUEST

BTEX & TPH as Gasoline (602/8020 & 8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/5520 B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601/8010	EPA 602/8020	EPA 608/8080	EPA 608/8080 - PCBs Only	EPA 624/8240/8260	EPA 625/8270	CAM - 17 Metals	EPA - Priority Pollutant Metals	LEAD (7240/7421/239.2/6010)	ORGANIC LEAD	RCI
X	X													
X	X													
X	X													

OTHER: LUFT METALS; Chlorinated Hydrocarbons

COMMENTS

59860
59861
59862

ICE/T° ✓ VOAS | O&G | METALS | OTHER
GOOD CONDITION ✓ PRESERVATIVE
HEAD SPACE ABSENT ✓ APPROPRIATE CONTAINERS ✓

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Dusty Roy	12/26/95		
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
RELINQUISHED BY:	DATE	TIME	RECEIVED BY LABORATORY:

REMARKS:

DUE 4PM WED

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Telc: 510-798-1620 Fax: 510-798-1622

All Environmental, Inc. 3364 Mt. Diablo Blvd. Lafayette, CA 94549	Client Project ID: # 1258; Gong	Date Sampled: 05/31/96
		Date Received: 06/03/96
	Client Contact: Jennifer Anderson	Date Extracted: 06/06/96
	Client P.O:	Date Analyzed: 06/06/96

Petroleum Oil & Grease (with Silica Gel Clean-up) *

EPA methods 413.1, 9070 or 9071; Standard Methods 5520 D/E&F or 503 D&E for solids and 5520 B&F or 503 A&E for liquids

Lab ID	Client ID	Matrix	Oil & Grease*
65608	STKP (1-3)	S	410
65609	EB-10	S	470
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	5 mg/L
		S	50 mg/kg

* water samples are reported in mg/L and soils in mg/kg

h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

CHROMALAB, INC.

Environmental Services (SDB)

June 11, 1996 *Submission #:* 9606547

MCCAMPBELL ANALYTICAL, INC.

Atten: Ed Hamilton

Project: AE-G/1258 *Project#:* 6505
Received: June 4, 1996

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.
Method: EPA 8270

Client Sample ID: STKP(1-3)
Spl#: 87207 *Matrix:* SOIL *Extracted:* June 10, 1996
Sampled: May 31, 1996 *Run#:* 1669 *Analyzed:* June 10, 1996

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	5.0	N.D.	--	50
ACENAPHTHYLENE	N.D.	5.0	N.D.	--	50
ACENAPHTHENE	N.D.	5.0	N.D.	66.9	50
FLUORENE	N.D.	5.0	N.D.	--	50
PHENANTHRENE	N.D.	5.0	N.D.	--	50
ANTHRACENE	N.D.	5.0	N.D.	--	50
FLUORANTHENE	7.8	5.0	N.D.	--	50
PYRENE	6.8	5.0	N.D.	63.1	50
BENZO(A)ANTHRACENE	N.D.	10	N.D.	--	50
CHRYSENE	N.D.	5.0	N.D.	--	50
BENZO(B)FLUORANTHENE	N.D.	10	N.D.	--	50
BENZO(K)FLUORANTHENE	N.D.	10	N.D.	--	50
BENZO(A)PYRENE	3.4	1.8	N.D.	--	50
INDENO(1,2,3-CD)PYRENE	N.D.	10	N.D.	--	50
DIBENZO(A,H)ANTHRACENE	N.D.	10	N.D.	--	50
BENZO(GHI)PERYLENE	N.D.	10	N.D.	--	50

Note: REPORTING LIMITS RAISED DUE TO MATRIX INTERFERENCES.

for Alex Tam
Chemist

Chip Poalinelli
Operations Manager

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

June 11, 1996

Submission #: 9606547

MCCAMPBELL ANALYTICAL, INC.

Atten: Ed Hamilton

Project: AE-G/1258
Received: June 4, 1996

Project#: 6505

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.
Method: *EPA 8270*

Client Sample ID: SB-10
Spl#: 87208
Sampled: May 31, 1996

Matrix: SOIL
Run#: 1669

Extracted: June 10, 1996
Analyzed: June 10, 1996

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	0.10	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	66.9	1
FLUORENE	N.D.	0.10	N.D.	--	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
FLUORANTHENE	0.15	0.10	N.D.	--	1
PYRENE	0.14	0.10	N.D.	63.1	1
BENZO(A)ANTHRACENE	N.D.	0.20	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	0.083	0.035	N.D.	--	1
INDENO(1,2,3-CD)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(GHI)PERYLENE	N.D.	0.20	N.D.	--	1

for Alex Tam
Chemist

Chip Poalinelli
Operations Manager

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096

ALL ENVIRONMENTAL, INC.
3364 Mt. Diablo Boulevard
Lafayette, CA 94549
(510) 283-6000 FAX: (510) 283-6121

Chain of Custody

DATE: 5/31/96 PAGE: 1 OF: 1

6505 AALEX46

AEI PROJECT MANAGER: Jennifer Anderson
PROJECT NAME: Gong
PROJECT NUMBER: 1258
SIGNATURE: [signature]
TOTAL # OF CONTAINERS: 26
RECD. GOOD COND./COLD: YES

ANALYSIS REQUEST

	SAMPLE I.D.	DATE	TIME	MATRIX	TPH-Gasoline (EPA 5030,8015)	TPH-Gasoline (EPA 5030,8015) w/ BTEX (EPA 602,8020) +MTBE	TPH-Diesel (EPA 3510/3550,8015)	PURGEABLE AROMATICS BTEX (EPA 602,8020)	TOTAL OIL & GREASE (EPA 5520 E&F)	TOTAL LEAD (AA) (EPA 7420)	[redacted]	PNAs	NUMBER OF CONTAINERS
	STKP(1-3) *	5/31/96		SOIL					X		[redacted]	X	3
	EB-90	5/31/96		↓					X			X	1
	BH-1, L-1, 6	↓	900	↓		Hold							1
	BH-2, L-2, 11	↓	945	↓		X	X			X			1
	BH-2, L-1, 6'	↓	1010	↓		Hold							1
	BH-3, L-2, 11'	↓	1025	↓		X	X			X			1
	BH-4, L-1, 6'	↓	1045	↓		Hold							1
	BH-4, L-2, 11'	↓	1050	↓		X	X			X			1
+5	W-1	5/31/96		WATER		Hold							8
5+	W-2	5/31/96		WATER		X	X			X			8

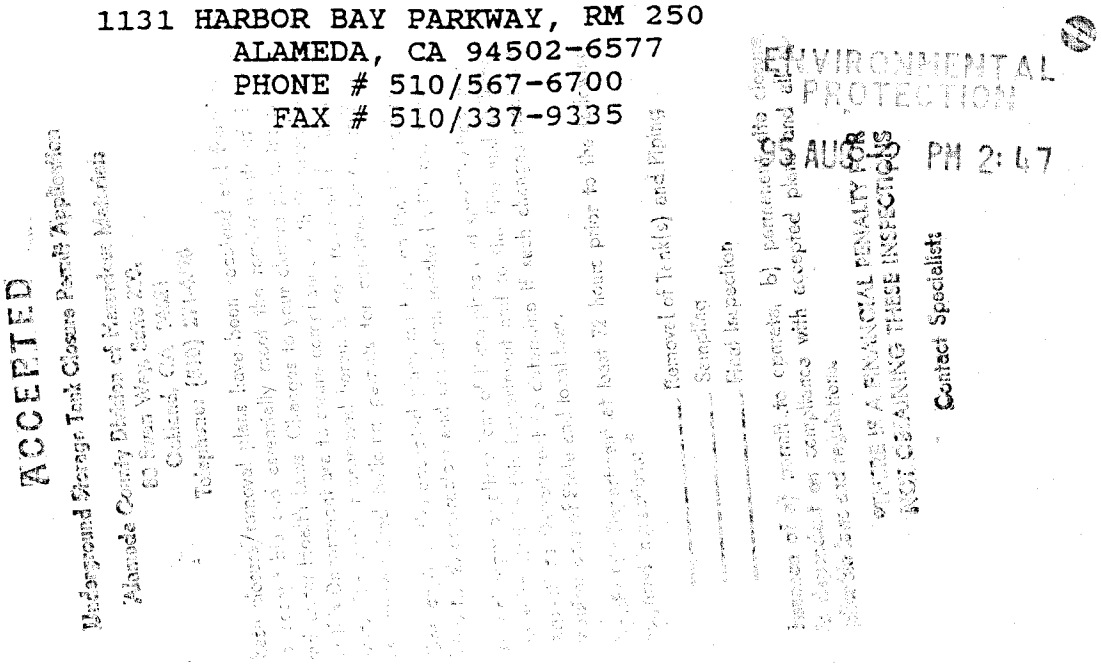
ICE ✓ GOOD CONDITION ✓ HEAD SPACE ABSENT ✓
PRESERVATIVE ✓ APPROPRIATE CONTAINERS ✓
VOAS ✓ O&G ✓ METALS OTHER

ANALYTICAL LAB: McCampbell Analytical
ADDRESS:
PHONE: (510) 798-1620 FAX: ( )
INSTRUCTIONS/COMMENTS:
* COMPOSITE

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
Signature: [signature]	Signature: [signature]	Signature	Signature
Printed Name: Jennifer Anderson	Printed Name: Heidi Ricca	Printed Name	Printed Name
Company: AEI	Company: MAI	Company	Company
Time 4:10 Date 6/3/96	Time 4:10 Date 6/3/96	Time Date	Time

Project Specialist

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



UNDERGROUND TANK CLOSURE PLAN
*** * * Complete according to attached instructions * * ***

1. Name of Business Accutune

   Business Owner or Contact Person **(PRINT)** C.J. Gong

2. Site Address 4045 Broadway

   City Oakland Zip 94611 Phone (510) 531-6094

3. Mailing Address 637 Beacon St.

   City Oakland Zip 94610 Phone (510) 531-6094

4. Property Owner C.J. Gong

   Business Name (if applicable) Gong Associates

   Address 637 Beacon St.

   City, State Oakland Zip 94610

5. Generator name under which tank will be manifested

   Gong Associates

   EPA ID# under which tank will be manifested C A C 0 0 1 0 3 0 4 0 8

6. Contractor All Environmental, Inc.

Address 2641 Crow Canyon Road, Suite 5

City San Ramon, CA Phone (510) 820-3224

License Type* A w/Haz ID# 654919

*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) All Environmental, Inc.

Address 2641 Crow Canyon Road, Suite 5

City, State San Ramon, CA Phone (510) 820-3224

94583

8. Main Contact Person for Investigation (if applicable)

Name Michael Killoran Title Project Geologist

Company All Environmental, Inc.

Phone (510) 820-3224

9. Number of underground tanks being closed with this plan (1) One

Length of piping being removed under this plan 10 feet

Total number of underground tanks at this facility (**confirmed with owner or operator) 1

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 Waste Oil Recovery EPA I.D. No. CAD000626515

Hauler License No. 843 License Exp. Date 07/31/95

Address 6401 Leona St.

City Oakland State CA Zip 94605

b) Product/Residual Sludge/Rinsate Disposal Site

Name Demeeno Kerdoon EPA ID# CAT080013352

Address 2000 North Alameda

City Compton State CA Zip 90221

c) Tank and Piping Transporter

Name Dexanna, Inc. EPA I.D. No. CAD982438566

Hauler License No. 2883 License Exp. Date 04/30/96

Address 3104 Athene Court

City Concord State CA Zip 94519

d) Tank and Piping Disposal Site

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

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

11. Sample Collector

Name Dusty Roy

Company All Environmental, Inc.

Address 2641 Crow Canyon Road, Suite 5

City San Ramon State CA Zip 94583 Phone (510) 820-3224

12. Laboratory

Name Priority Environmental Labs

Address 1764 Houret Court

City Milpitas State CA Zip 95035

State Certification No. 1708

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:

Dry ice at a rate of at least 1.5 lbs. per 100 gallons tank volume.

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)		
1000 gal. waste oil	1995	Soil (and groundwater if encountered)	One soil from each end of the tank, 2' below tank bottom.

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) 6 cu. yards	Sampling Plan One composite of four soil samples taken by driving a brass tube into soil with mallet. Samples will be secured with aluminum foil, caps, and

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 [X] unknown

If yes, explain reasoning If soil is relatively uncontaminated, then "yes."

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

16. Chemical methods and associated detection limits to be used for analyzing samples:
The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed.
See attached Table 2.

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPH-diesel	EPA 3510/8015		1 ppm
TPH-gasoline	EPA 5030/8015		1 ppm
BTEX	EPA 5030/8020		5 ppb
O & G	EPA 5520 D & F		50 ppm
Chlorinated Hydrocarbons	EPA 8010		5 ppb
5 Metals (cadmium, chromium, lead, nickel, zinc).	EPA 7130, 7190, 7420, 7520, & 7950. (PNA's) - 8270		0.10 ppm

MTBE - 8020

18. Submit Worker's Compensation Certificate copy

    Name of Insurer State 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 All Environmental, Inc.

Name of Individual Michael J. Killoran

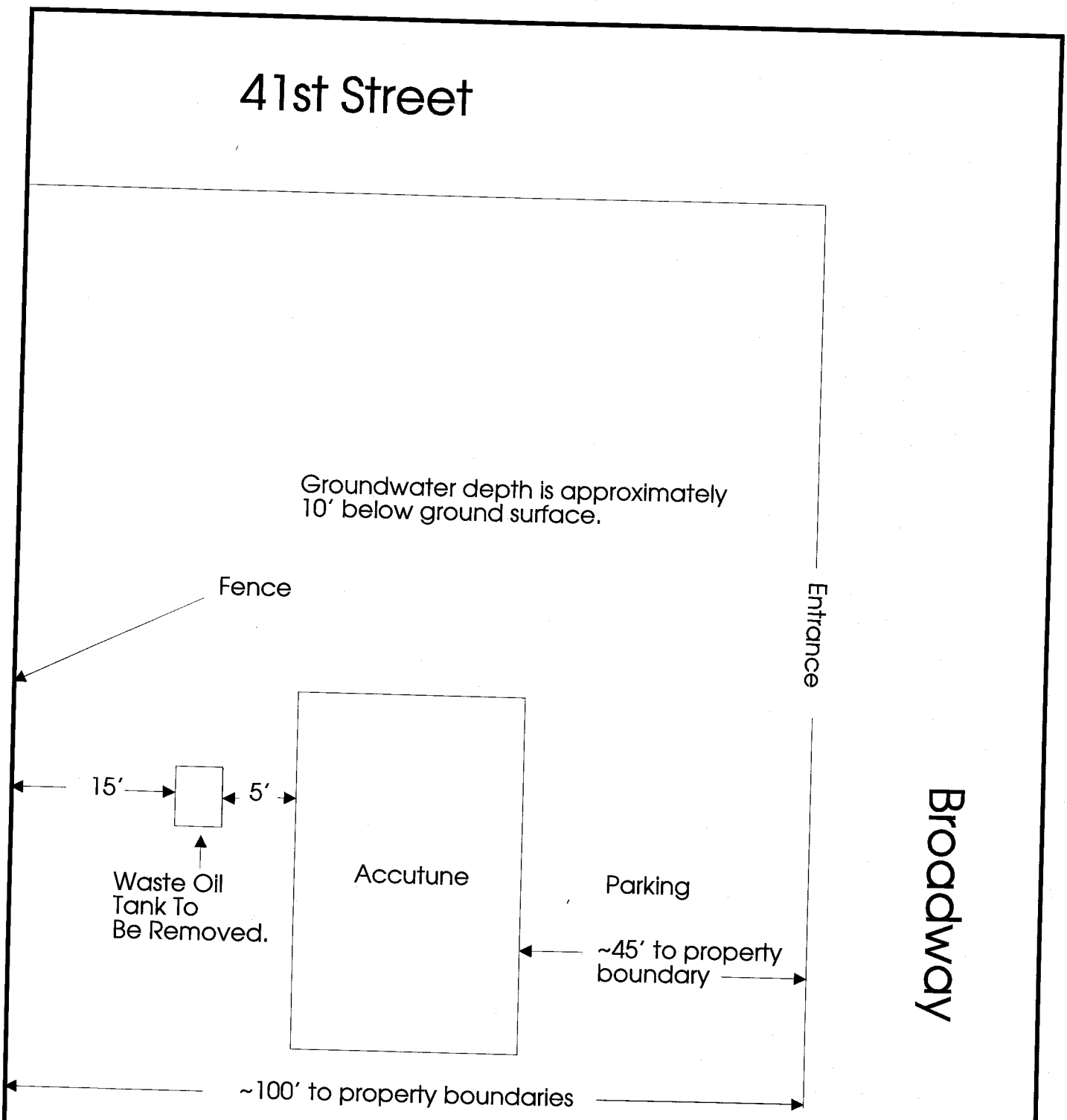
Signature _____ Date _____

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business Accutune

Name of Individual Mrs. C. J. Gong

Signature _____ Date _____



ALL ENVIRONMENTAL, INC. 2641 CROW CANYON ROAD, SAN RAMON, CA		
DRAWN BY: MK		REVISED BY:
DATE: July, 1995		APPROVED BY:
SITE PLAN		
Figure 2	4045 Broadway, Oakland	

HEALTH AND SAFETY PLAN

Prepared for:

Ms. Gong
4045 Broadway
Oakland, CA 94611

A. INTRODUCTION

This Site Specific Health and Safety Plan is written for the tank removal project located at the commercial property owned by Ms. C.J. Gong. All job site personnel will follow CAL OSHA safe operating practices as outlined in 29 CFR 1910 and 1926, as well as established guidelines set forth by All Environmental, Inc. or their respective companies.

B. WORK DESCRIPTION

Prepared by: Michael Killoran, Project Manager

Site Manager: Dusty Roy

Address: Accutune
4045 Broadway
Oakland, CA 94611

Scope of Work: All Environmental, Inc. (AEI) will remove 1-250 gallon underground waste oil tank at the property located at the above address. The tank will be emptied, removed and disposed of according to federal, state and local regulations. Soil samples will be taken from the native material, two feet below the center of the tank and from the stockpiled material. The excavation will be backfilled and resurfaced to match the surrounding conditions.

C. SITE/WASTE CHARACTERISTICS

Hazard Level: Serious: Low: XXX
Moderate: XXX Unknown:

Waste Type:

Solid:	Underground Storage Tank
Sludge:	None
Liquid:	Remaining Product Inside Tank
Gas:	None

Hazard Characteristics: Combustible, Toxic

There will be a three feet boundary surrounding the excavation pit and the stockpiled material. The area within this boundary is considered an exclusion zone and only qualified personnel will

be allowed to enter. All personnel arriving or departing the site should log in before entering the exclusion zone. All activities on site must be cleared through the Site Manager.

D. HAZARD EVALUATION

Potential chemical hazards include skin and eye contact or inhalation exposure to potentially toxic concentrations of hydrocarbon vapors. The potential toxic compounds that may exist at the site are listed below with descriptions of specific health effects of each. The list includes the primary potential toxic constituents that may be found at sites which previously handled petroleum hydrocarbons, including home heating diesel fuel.

1. Benzene
   a. Colorless to light yellow, flammable liquid with an aromatic odor.
   b. Toxic hazard by **inhalation**, **adsorption**, **ingestion** and **skin and/or eye contact**.
   c. Exposure may irritate eyes, nose and respiratory system and may cause acute restlessness, convulsions, nausea, or depression. Benzene is carcinogenic.*
   d. Permissible exposure level (PEL) for a time weighted average (TWA) over an eight hour period is 1.0 ppm.

2. Toluene
   a. Colorless liquid with a sweet, pungent, benzene like odor.
   b. Toxic hazard by **inhalation**, **adsorption**, **ingestion** and **skin and/or eye contact**.
   c. Exposure may cause fatigue, weakness, confusion, euphoria, dizziness, headaches, dilated pupils, lacrimation, nervousness, insomnia, paresthesia, and dermatitis.
   d. Permissible exposure level for a time weighted average over an eight hour period is 100 ppm.

3. Xylene
   a. Colorless liquid with an aromatic odor.
   b. Toxic hazard by **inhalation**, **adsorption**, **ingestion** and **skin and/or eye contact**.
   c. Exposure may irritate eyes nose and throat and may cause dizziness, excitement, drowsiness, incoordination, corneal vacuolization, anorexia, nausea, vomiting, and dermatitis.
   d. Permissible exposure level for a time weighted average over an eight hour period is 100 ppm.

4. Ethylbenzene
   a. Colorless liquid with an aromatic odor.
   b. Toxic hazard by **inhalation**, **ingestion**, and **skin and/or eye contact**.
   Ethylbenzene is carcinogenic.*
   c. Exposure may irritate eyes and mucous membrane and may cause headaches, dermatitis, narcosis and loss of consciousness.

d. Permissible exposure level for a time weighted average over an eight hour period is 100 ppm.

*** Known to the State of California to cause cancer.**

5. Lead
   a. A heavy ductile soft gray metal.
   b. Toxic hazard by **inhalation**, **ingestion**, and **skin and/or eye contact**.
   c. Exposure may cause weakness, nausea, lassitude, diarrhea, insomnia, anorexia, inflamed mucous membranes and abdominal pains. Lead is carcinogenic.*
   d. Permissible exposure level for a time weighted average over an eight hour period is .05 ppb (in vapor).

6. Diesel
   a. Colorless to dark brown, combustible liquid with an aromatic odor
   b. Toxic hazard by **inhalation**, **ingestion**, **skin and/or eye contact**.
   c. Inhalation of vapors may depress the central nervous system, increasing reaction times, and decreasing pulse rate and blood pressure. Skin irritant.
   d. Occupational exposure limit 5.0 ppm (in vapor).

7. Gasoline
   a. Colorless liquid with a strong aromatic odor. Highly volatile and extremely flammable.
   b. Toxic hazard by **inhalation**, **adsorption**, **ingestion** and **skin and/or eye contact**.
   c. Inhalation of vapors can cause depression of the central nervous system with symptoms such as headache, dizziness, nausea and loss of coordination. Skin contact can cause defatting of the skin, skin irritation and dermatitis. Benzene is a major constituent of gasoline.
   d. Permissible exposure level for a time weighted average over an eight hour period is 300 ppm.

8. Waste Oil
   a. Toxic hazard by **ingestion** and possibly **inhalation.**
   b. Prolonged contact may cause skin irritation and dermatitis. Waste oil may be carcinogenic.*
   c. Waste oil may contain metals or toxic organics from thermal breakdown of the oil. In some cases, chlorinated solvents may be present.
   d. Permissible exposure level for a time weighted average over an eight hour period is 5 ppm (in vapor).

*** Known to the State of California to cause cancer.**

Dusty Roy has been designated to coordinate access control and security on site. All work will strictly follow OSHA guidelines. A safe perimeter has been established at a three feet radius surrounding the site. These boundaries are identified by yellow caution tape and orange safety cones. Personnel shall maintain the maximum distance from the pit while performing their duties. No one shall enter an excavation pit that is greater than five feet in depth unless the excavation is shored or sloped and no one shall climb on the stockpiled material except to cover it with plastic. Additional hazards on site include heavy equipment and overhead lifting equipment. Heavy equipment used for performing the tank removal project may include a backhoe, an excavator, or a crane for lifting the tank out of the excavation. Only 40 hour trained personnel will operate equipment or perform any duty associated with this project. A hard hat and steel toed boots are mandatory for all personnel associated with the tank removal.

A FIRST AID KIT AND A 40 POUND BC FIRE EXTINGUISHER WILL BE AVAILABLE ON SITE.

EMERGENCY SERVICES ARE AVAILABLE BY DIALING **911** ON THE TELEPHONE LOCATED IN THE SITE MANAGER'S VEHICLE. THIS VEHICLE WILL BE ON SITE AT ALL TIMES.

E. PERSONAL PROTECTIVE CLOTHING

Based on evaluation of potential hazards, level "D" protective clothing has been designated as the appropriate protection for this project. The level of protective clothing will be upgraded if the organic vapor levels in the operator's breathing zone exceeds 5 ppm above background levels continuously for more than five minutes, or if any single reading exceeds 25 ppm. If this occurs then level C protection will be used. If the organic concentration in the operator's breathing zone exceeds 200 ppm for 5 minutes and/or the organic vapor concentration two feet above the excavation exceeds 1,000 ppm or 10% of the lower explosive limit, then the equipment will be shut down and the site evacuated. If organic vapor concentrations exceed 200 ppm and work continues then level B protection will be required.

"EPA Standard Operating Safety Guidelines" defines the levels of protective clothing as follows:

LEVEL A:
Fully encapsulating suit / SCBA / Hard hat / Steel toe boots / Safety gloves.

LEVEL B:
Splash resistant suit / SCBA / Hard Hat / Steel toe boots / Safety gloves.

LEVEL C:
Half face respirator / Hard hat / Safety glasses / Steel toe boots / Coveralls / Gloves.

LEVEL D:

Coveralls / Hard hat / Safety Glasses / Steel toe boots / Gloves.

If air purifying respirators are authorized, organic vapor w-filter is the appropriate canister for use with the involved substances and concentrations. A competent individual has determined that all criteria for using this type of respiratory protection have been met.

NO CHANGES TO THE SPECIFIED LEVELS OF PROTECTION SHALL BE MADE WITHOUT THE APPROVAL OF THE COMPANY SAFETY OFFICER, G. W. ROY.

F. MONITORING INSTRUMENTS

The following environmental monitoring instruments shall be used on site at specified intervals.

Lower Explosive Limit (LEL) Meter that will also check the tank for Oxygen levels will be used to check the tank for removal and transportation.

G. EMERGENCY HOSPITAL

The closest hospital with an emergency room is:

PERALTA HOSPITAL **(510) 451-4900**

EMERGENCY **911**

DIRECTIONS FROM THE JOB SITE:

EXIT JOB SITE AND GO:

South on Broadway
Right on 30th St.
Hospital located on the right at 450 30th Street

H. READ AND SIGN

The work party was briefed on the contents of this Health and Safety plan on _____ at the property located at 4045 Broadway, Oakland, California. All site personnel have read this plan and are familiar with its provisions.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

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

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

DBA OR FACILITY NAME: Gong Associates	NAME OF OPERATOR: C. J. Gong
ADDRESS: 41st & Broadway (4045 Broadway)	NEAREST CROSS STREET: 41st & Broadway / PARCEL # (OPTIONAL)
CITY NAME: Oakland / STATE: CA / ZIP CODE: 94611	SITE PHONE # WITH AREA CODE

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

* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST _____

TYPE OF BUSINESS	☐ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE	E. P. A. I. D. # (optional)
☐ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☒ 5 OTHER	☐	1	

EMERGENCY CONTACT PERSON (PRIMARY)	EMERGENCY CONTACT PERSON (SECONDARY) - optional
DAYS: NAME (LAST, FIRST): Gong, C. J. / PHONE # WITH AREA CODE: (510) 531-6094	DAYS: NAME (LAST, FIRST): Killoran, Michael / PHONE # WITH AREA CODE: (510) 820-3224
NIGHTS: NAME (LAST, FIRST) / PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST): Killoran, Michael / PHONE # WITH AREA CODE: (415) 665-5918

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: C. J. Gong	CARE OF ADDRESS INFORMATION
MAILING OR STREET ADDRESS: 637 Beacon St.	✓ box to indicate: ☒ INDIVIDUAL ☐ LOCAL-AGENCY ☐ STATE-AGENCY ☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: Oakland / STATE: CA / ZIP CODE: 94610	PHONE # WITH AREA CODE: (510) 531-6094

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER: C. J. Gong	CARE OF ADDRESS INFORMATION
MAILING OR STREET ADDRESS: 637 Beacon St.	✓ box to indicate: ☒ INDIVIDUAL ☐ LOCAL-AGENCY ☐ STATE-AGENCY ☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: Oakland, / STATE: CA / ZIP CODE: 94610	PHONE # WITH AREA CODE: (510) 531-6094

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ 44- [ ][ ][ ][ ][ ][ ] Unknown

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

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

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

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

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

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

OWNER'S NAME (PRINTED & SIGNED)	OWNER'S TITLE	DATE MONTH/DAY/YEAR
Michael J. Killoran (for C. J. Gong)	Owner	7/10/94

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #
[ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]

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

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

OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

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

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # Unknown
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR) Unknown
D. TANK CAPACITY IN GALLONS: Unknown (Probably 250)

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

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

B. ☒ 1 PRODUCT ☐ 2 WASTE

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

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

III. TANK CONSTRUCTION

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

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

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

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

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

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

IV. PIPING INFORMATION

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

A. SYSTEM TYPE: A (U) 1 SUCTION; A U 2 PRESSURE; A U 3 GRAVITY; A U 99 OTHER

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

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

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

V. TANK LEAK DETECTION

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

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING < 10 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL ? YES ☒ NO ☐

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

APPLICANT'S NAME (PRINTED & SIGNATURE) Michael J. Killoran
DATE 7/10/95

LOCAL AGENCY USE ONLY

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

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

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

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS