1240 Powell ST. LLC
5835 Doyle St. #101
Emeryville, CA 94608

Alameda County

SEP 15 2005

Environmental Health

September 13, 2005

Donna Drogos
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway Suite 250
Alameda, California 94502-6577

Regarding: Documents Related to 1240 Powell Street, Emeryville, CA 94608

Dear Ms. Drogos:

Pursuant to your request, enclosed are the documents related to the referenced address that are in my files. They are:

- AEI. 2001a. Letter Summary of Phase I Environmental Site Assessment. Letter report from Holly Gannaway, REA to Mr. William Rauch, Wells Fargo Bank RETECHS dated December 20, 2001.
- AEI. 2001b. Phase I, Environmental Site Assessment, 1240 Powell Street, Emeryville, California 94608. December 20.
- AEI. 2002a. Phase II, Subsurface Investigation, 1240 Powell Street, Emeryville, California 94608. February 15.
- AEI. 2002b. Groundwater Monitoring Well Installation & Initial Monitoring Report, 1240 Powell Street, Emeryville, California 94608. September 5.
- Environmental Sampling Services. 2004. October 2004 Groundwater Monitoring Event Sampling for 1240 Powell Street, Emeryville, California. November 3.
- McCampbell Analytical, Inc. 2004. Laboratory certificates from the October 27, 2004 sampling event.

If you have any questions, please feel free to call me at 510-547-7177.

Regards,

Ronald J. Siberman

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

80 Swan Way, #200
Oakland, CA 94621
(415) 271-4320

II,III

Site ID # ____ Site Name GARZA & ASSOC. Today's Date 11/22/91

Site Address 1240 Powell St.

City Emeryville Zip 94608 Phone ____

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

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

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

II.A BUSINESS PLANS (Title 19)

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

II.B ACUTELY HAZ. MAT'LS

___	10. Registration Form Filed	25533(a)
___	11. Form Complete	25533(b)
___	12. RMPP Contents	25534(c)
___	13. Implement Sch. Req'd? (Y/N)	___
___	14. OffSite Conseq. Assess.	25524(c)
___	15. Probable Risk Assessment	25534(d)
___	16. Persons Responsible	25534(g)
___	17. Certification	25534(i)
___	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 tstng
8) Annual Tank Testing
Daily Inventory
9) Other ____

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

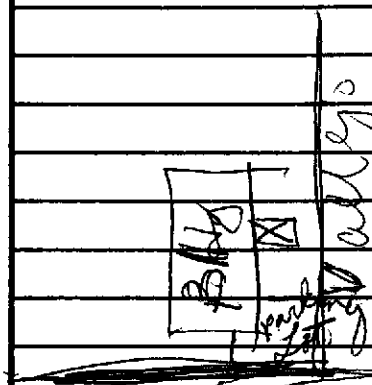
New Tanks

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

Rev 6/88

Comments:

LEL % → 8%
O2 % → 1%
GASOLINE TANK
1-UGT removal - 1-4000 GAL ~~[illegible]~~
Manifest - # 9079 6557
Tank appears no obvious holes (George Warren Inspector).
Excavation pit - accessible to Public.
Fine excavation with plastic liner in bottom pit before putting the stockpiled soil back into pit. If stockpiled soils showed detectable levels of TPHg, BTXGE & total Pb backfill must be removed out of the ground.



2 soil samples collected at 8½ ft incl of tank.

II, III

Contact: AES

Title: Construction Supervisor Inspector: ____

Signature: [signature] Signature: [signature]

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yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

80 Swan Way, #200
Oakland, CA 94621
(415) 271-4320

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City Emeryville Zip 94608 Phone ____

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Annual tank testing
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Vadose/gndwater mon.
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Cont pipe leak det
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Annual tank tstng
8) Annual Tank Testing
Daily Inventory
9) Other ____

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___	10. Ground Water.	2647

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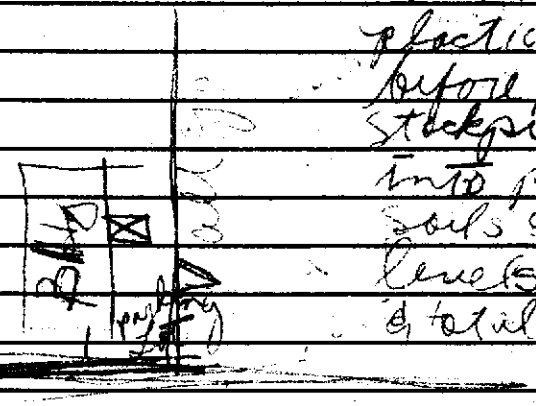
___	13. Plans Submit Date: ____	2711
___	14. As Built Date: ____	2635

Rev 6/88

Comments:

LEL → 6%.
O2 → 17%.
GASOLINE
1-UGT removal - 1-4000 GAL
Manifest - # 9079 6557
Talk again to above Luke / George Warren (Inspector).
Excavation pit - responsible to Public.
Line excavation pit with plastic liner before putting the stockpiled soil back into pit. If stockpiled soils showed detectable levels of TPHg, BTX&E & total Pb, should be removed out of the ground.
Powell
2 soil samples collected from stockpile,



II, III

Contact: AES

Title: ____ Inspector: ____

Signature: ____ Signature: ____

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 415/271-4320

...t (print) SUSAN L. HUGO

ACCEPTED

...ENT OF ENVIRONMENTAL HEALTH
80 - 27th Street, Third Floor
Oakland, CA 94612

Removal of Tank and Piping
Sampling
Final Inspection

Please note change made on page 4&5
Susan L. Hugo 11/8/91

ase environmental
Craig H. Hertz
Project Engineer
P.O. Box 535, San Ramon, CA 94583-0535, 510-820-9391
FAX 510-837-4853

...ROUND TANK CLOSURE PLAN
...ling to attached instructions * * *

1. Business Name Garza and Associates
   Business Owner Frank Garza
2. Site Address 1240 Powell St.
   City Emeryville Zip 94608 Phone 655-6155
3. Mailing Address 1240 Powell St.
   City Emeryville Zip 94608 Phone 655-6155
4. Land Owner Garza & Associates
   Address 1240 Powell st. City, State Emeryville, CA Zip 94608
5. Generator name under which tank will be manifested
   Frank Garza
   EPA I.D. No. under which tank will be manifested CAC000644424

rev 12/90

6. Contractor Aqua Science Engineers, Inc.

Address 1041 Shary Circle

City Concord Phone (510) 685-6700

License Type A ID# 487000

7. Consultant Aqua Science Engineers, Inc.

Address 1041 Shary Circle

City Concord Phone (510) 685-6700

8. Contact Person for Investigation

Name Craig Hertz Title Project Engineer

Phone (510) 685-6700

9. Number of tanks being closed under this plan 1

Length of piping being removed under this plan < 10'

Total number of tanks at facility 1

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

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

a) Product/Residual Sludge/Rinsate Transporter

Name Waste Oil Recovery EPA I.D. No. CAD000626515
DOHS - 843

Hauler License No. CAL AD. - 10639 License Exp. Date 4/92

Address 6401 Leona Street

City OAKland. State Ca. Zip 94605

b) Product/Residual Sludge/Rinsate Disposal Site

Name DEMENNO Kerdoon EPA I.D. No. CAT080013352

Address 2000 N. Alameda

City COMPTON State CA. Zip 90221

rev 12/90

c) Tank and Piping Transporter

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

Hauler License No. 0019 License Exp. Date 5-92

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

Name Erickson Inc EPA I.D. No. CAD009466392

Address 255 Parr Blvd.

City Richmond State Ca. Zip 94801

11. Experienced Sample Collector

Name Craig Hertz

Company Aqua Science Engineers, Inc.

Address 1041 Shary Circle

City Concord State Ca Zip 94518 Phone (510)685-6700

12. Laboratory

Name Chromalab, Inc.

Address 2239 Omega Rd #1

City San Ramon State Ca. Zip 94583

State Certification No. E-694

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

If yes, describe. _____

14. Describe method to be used for rendering tank inert

Tank will be inerted by introducing Dry Ice into the tank at a rate of at least 1.5 lbs Dry Ice per 100 Gal. of Tank Volume. LEL of Tank will be checked Prior to actual Pull.

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

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

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
4000 Gal.	Gasoline	Soil and groundwater if present.	2 feet below the bottom of the Tank One Sample must be collected from each end of the tank, no deeper than 2 feet at the backfill/native soil interface

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

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated) 24 yards	Sampling Plan Drive 6"x2" Brass Tubes into soil at each end of Tank, Seal Ends with Aluminum Foil & Plastic Caps. Chill in cooler with "Blue Ice". Transport to Laboratory under chain of custody Procedures Sample For TPH-G & BTEX

Stockpiled soil must be characterized depending on disposal method.

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

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

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

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
TPH-Gasoline	GC/FID 5030		1.0 PPM
BTEX	8020 or 8240	~~EPA 5030~~ 8240	.005 PPM
Total Lead	AA		

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer Ohio Casualty Group

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

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

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

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

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

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

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

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

Signature of Contractor

Name (please type) AQUA Science Engineers, Inc.

Signature Craig Hart

Date October 8 1991

Signature of Site Owner or Operator

Name (please type) FRANK GARZA, JR.

Signature

Date 11/8/91

rev 12/90

ACORD CERTIFICATE OF INSURANCE

ISSUE DATE 06/04/91

PRODUCER
CAL-BAY INSURANCE SERVICES
103 Town & Country Drive
Suite M
Danville, Calif. 94526

CODE SUB-CODE

INSURED
Aqua Science Engineers,Inc
P.O. Box 535
San Ramon, CA
94583

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

COMPANIES AFFORDING COVERAGE

COMPANY LETTER A: TransAtlantic Insurance Co.
COMPANY LETTER B: Ohio Casualty Group
COMPANY LETTER C:
COMPANY LETTER D:
COMPANY LETTER E:

=== COVERAGES ===

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

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFF. DATE	POLICY EXP. DATE	ALL LIMITS IN THOUSANDS	
	GENERAL LIABILITY				GENERAL AGGREGATE	$ 1,000,
	[X] Commercial General Liability				PRODUCTS-COMP/OPS AGGREGATE	$ 1,000,
A	[ ] Claims Made [X] Occur.	TCGL 5691 6211	06/01/91	06/01/92	PERSONAL & ADVERTISING INJURY	$ 1,000,
	[ ] Owner's & Contractor's Prot.				EACH OCCURRENCE	$ 1,000,
	[ ]				FIRE DAMAGE (Any one fire)	$ 50,
	[ ]				MEDICAL EXPENSE (Any one person)	$
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT	$ 1,000,
	[ ] Any Auto					
	[ ] All Owned Autos				BODILY INJURY (Per person)	$
B	[X] Scheduled Autos	BAW 50 39 90 15	06/01/91	06/01/92		
	[X] Hired Autos				BODILY INJURY (Per accident)	$
	[X] Non-Owned Autos					
	[ ] Garage Liability				PROPERTY DAMAGE	$
	[ ]					
	EXCESS LIABILITY				EACH OCCURRENCE $	AGGREGATE $
	[ ]					
	[ ] Other Than Umbrella Form					
	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY				STATUTORY	
					$ (EACH ACCIDENT)	
					$ (DISEASES-POLICY LIMIT)	
					$ (DISEASES-EACH EMPLOYEE)	
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

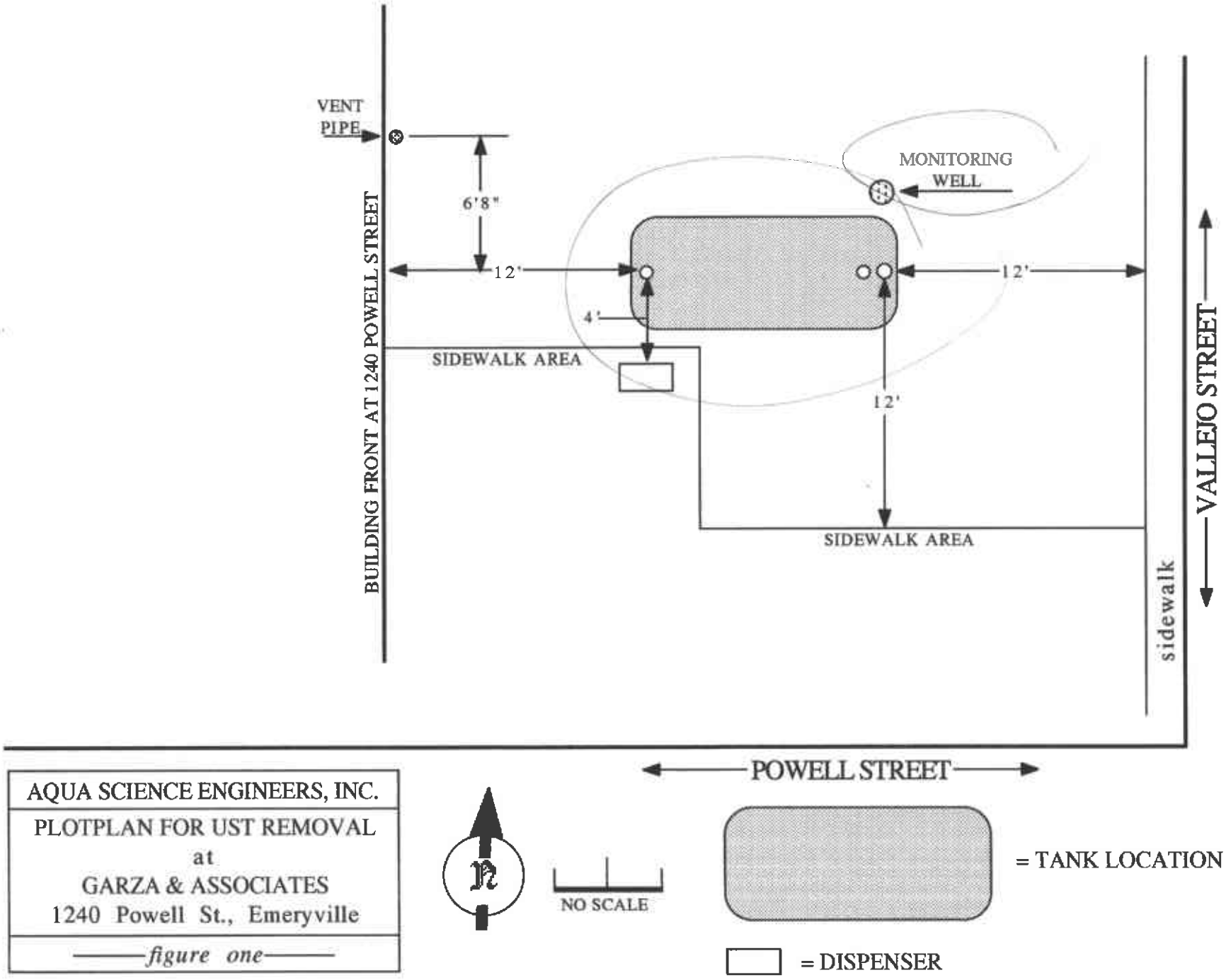
=== CERTIFICATE HOLDER ===

City of Long Beach
Bureau of Fire Prevention
211 E. Ocean Blvd. #500
Long Beach, CA 90802

=== CANCELLATION ===

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

AUTHORIZED REPRESENTATIVE



AQUA SCIENCE ENGINEERS, INC.

PLOTPLAN FOR UST REMOVAL
at
GARZA & ASSOCIATES
1240 Powell St., Emeryville

figure one

HEALTH & SAFETY PLAN

for the

GARZA & ASSOCIATES JOBSITE
1240 POWELL STREET
EMERYVILLE, CA

prepared by

Aqua Science Engineers, Inc.
1041 Shary Circle
Concord, CA 94518
1 (800) 678-9391

AQUA SCIENCE ENGINEERS, INC.
HEALTH & SAFETY PLAN
for the
GARZA & ASSOCIATES JOBSITE

A. GENERAL DESCRIPTION

Site: 1240 POWELL STREET, EMERYVILLE CALIFORNIA

Work Scope: AQUA SCIENCE ENGINEERS WILL REMOVE ONE 4,000 GALLON GASOLINE TANK, HAVE THE TANK DISPOSED OF ACCORDING THE STATE AND LOCAL REGULATIONS. BACKFILL THE EXCAVATION USING CLEAN IMPORTED SOIL AND CLEAN OVERBURDEN FROM THE EXCAVATION. RESURFACE THE EXCAVATION WITH CONCRETE AS PER CONTRACT.

SAFETY POLICY:

This Health and Safety Plan is written specifically for the Garza & Associates jobsite, located at 1240 Powell Street, Emeryville California. All persons on site will follow OSHA safe operating practices as outlined in 29 CFR 1910 and 1926, as well as established guidelines from their respective companies or organizations.

Plan Prepared by: Michael D. Dirk Date: 10/8/91

Plan Approved by: David Prull Date: 10/8/91

Proposed Start Date: TO BE DETERMINED

Background Review Done? Complete: XXXXX
Preliminary:

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

Project Organization:

Site Manager for A.S.E.: David Prull
A.S.E. Safety Officer: Michael Dirk
Other A.S.E Personnel: Steve DeHope, Craig Hertz

B. SITE/WASTE CHARACTERISTICS

Waste Type(s): Solid: XXXX Sludge:
Liquid: Gas:

Characteristics: GASOLINE RESIDUALS, COMBUSTIBLE, TOXIC

Site Parameter: THE EXCAVATION PIT AS WELL AS ANY STOCKPILED MATERIAL ARE IDENTIFIED AS EXCLUSION ZONES. A MINIMUM BOUNDARY OF THREE FEET SURROUNDING BOTH IS TO BE MAINTAINED IN AS MUCH AS IS POSSIBLE.

C. HAZARD EVALUATION

CHEMICAL HAZARDS

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 in gasoline. (excerpted from NIOSH Pocket Guide to Chemical Hazards, June 1990).

1. BENZENE
a. Colorless, clear, highly flammable liquid with characteristic odor.
b. High exposure levels may cause acute restlessness, convulsions, depression, respiratory failure. *BENZENE IS A SUSPECTED CARCINOGEN.*
c. 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 benzene-like odor.
b. High exposure levels may cause fatigue, euphoria, confusion, dizziness. *TOLUENE IS LESS TOXIC THEN BENZENE.*
c. PEL for a ten hour TWA is 100 ppm.

3. XYLENE
a. Colorless, flammable liquid with aromatic odors.
b. high exposure levels may case dizziness, drowsiness, narcosis.
c. PEL for a ten hour TWA is 100 ppm.

4. ETHYLBENZENE
a. Clear, colorless, highly flammable liquid with characteristic odor.
b. High exposure levels may cause irritation to skin, nose and throat, constriction in chest, loss of consciousness, respiratory failure.
c. PEL for an eight hour TWA is 100 ppm.

5. LEAD
(Lead Arsenate)

a. Odorless, colorless solid with properties that vary depending upon specific compounds.
b. High exposure levels may cause nausea, diarrhea, inflamed mucous membranes, abdominal pains, weakness. *LEAD IS A SUSPECTED CARCINOGEN.*
c. PEL for an eight hour TWA is .05 milligrams per cubic meter (airborne).

ALL SUBSTANCES AS THEY EXIST ON SITE ARE EXPECTED TO BE STABLE.

Site Status: ACTIVE: XXX INACTIVE:

Site History: THE SITE IS CURRENTLY A COMMERCIAL OFFICE BUILDING.

PHYSICAL HAZARDS

Under no circumstances will anyone enter the excavation pit or climb on any excavated material piles. Personnel shall otherwise maintain the maximum distance possible from the pit while performing their activities. On-site hazards include physical injuries due to the proximity of workers to engine-driven heavy equipment and tools. Equipment used during excavation may include a backhoe or other excavator, and a mechanical tamper or other equipment as part of the subsequent backfilling operations. Only trained personnel will operate machines, tools and equipment; all equipment will be kept clean and in good repair. Minimum safety apparel required around heavy equipment will include a hardhat and steel-toed boots. The parameter of the excavation will be sloped to create acceptable stable walls for personnel entry if needed. ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH OSHA GUIDELINES.

Daily inspections of the excavation, the adjacent areas, and protective systems are to be made by a qualified person while personnel are on site. Attention will be made to note if any evidence of potential cave-in exists.

1. USE SAFETY EQUIPMENT, MASK RESPIRATORS WITH NIOSH APPROVED C-21 CARTRIDGES FOR ORGANIC VAPORS, AS NECESSARY.

2. HAVE AT LEAST ONE DRY CHEMICAL MODEL PA-200 A-B-C FIRE EXTINGUISHER PRESENT.

3. HAVE 100 LBS GRANULAR SORBENT MATERIAL AVAILABLE FOR POTENTIAL SPILLAGE.

LEVEL OF PROTECTION

A contamination Reduction Zone (CRZ) will be maintained and adjusted as work proceeds and moves around the site. The workers on site will wear level 'D' protective clothing. (This protection level may be upgraded after on-site conclusions of data are completed). THE LEVEL OF PROTECTION FOR PERSONNEL WORKING IN THE AREA WILL BE UPGRADED IF; the organic vapor levels in the equipment operator's breathing zone exceeds 5 ppm above background levels continuously for more then five minutes. In this event, personnel protective equipment will include full face respirators with double-cartridge filters for organic vapors and particulates, in addition to hardhat, steel-toed boots and coveralls. Excavation will cease, equipment shutdown, and personnel will withdraw from the area if either 1.) the organic concentration in the operator's breathing zone exceeds 200 ppm for 5 minutes or 2.) the organic vapor concentration two feet above the excavation exceeds 2,000 ppm or 25% of the lower explosive limit. If work proceeds in an environment where organic vapor concentrations exceed 200 ppm, a self contained breathing apparatus or airline respirator will be utilized by the personnel.

Levels of Protective Clothing are defined on the following pages as described in the "EPA Standard Operating Safety Guidelines":

LEVEL A PROTECTION

Components:

1.) Pressure-demand, supplied air respirator that is MSHA and NIOSH approved. Respirators may be pressure demand, self contained breathing apparatus (SCBA), or pressure demand, airline respirator with an escape bottle for atmospheres with an extreme IDLH.

2.) Fully encapsulating chemical resistant suit.

3.) Inner, chemical resistant gloves.

4.) Disposable gloves and boot covers, worn over the fully encapsulating suit.

5.) 2-way radio communications is highly recommended.

LEVEL B PROTECTION
Components:

1.) Pressure-demand, supplied air respirator that is MSHA and NIOSH approved. Respirators may be pressure demand, self contained breathing apparatus (SCBA), or pressure demand, airline respirator with an escape bottle for atmospheres with an extreme IDLH.

2.) Chemical resistant clothing which includes overalls and long sleeved jacket or, hooded one or two piece chemical splash suit or disposable chemical resistant one piece suit..

3.) Outer chemical resistant gloves.

4.) Inner chemical resistant gloves.

5.) Chemical resistant, steel toed and shank boots.

6.) Disposable chemical resistant boot covers.

7.) Hardhat.

8.) 2-way radio communications is highly recommended.

LEVEL C PROTECTION
Components:

1.) Air purifying respirator, full face, with twin cartridge or cannister equipped filters, that are MSHA and NIOSH approved.

2.) Chemical resistant clothing which includes coveralls or, hooded one-piece or two-piece chemical splash suit or chemical resistant hood and apron; disposable chemical resistant coveralls.

3.) Outer chemical resistant gloves.

4.) Inner chemical resistant gloves.

5.) Chemical resistant, steel toed and shank boots.

6.) Disposable chemical resistant boot covers.

7.) Hardhat.

8.) 2-way radio communications is recommended.

LEVEL D PROTECTION
Components:

1.) Coveralls.

2.) Gloves.

3.) Leather boots, shoes or chemical resistant, with steel toe and shank.

4.) Safety glasses or chemical splash goggles.

5.) Hardhat or face shield.

COMBUSTIBLE GAS AND ORGANIC VAPOR MONITORING

Site personnel will monitor ambient levels of combustible gas vapors using a Thermo Environmental Instruments model 580A or a Gastech model GX-88 OVM. Volatile organic vapor levels greater then 5 ppm above background levels in the hot zone are not anticipated. If the OVM measurements do not decrease below 5 ppm, level 'C' protection will be required. The site Project Manager will be notified if organic vapor levels in the air samples exceed ambient concentrations.

A wetting agent or some form of dust control is recommended to reduce the airborne dust level and subsequent particulate hazard. HEPA respirator cartridges are also recommended as needed.

SITE ENTRY PROCEDURES

Any personnel entering the site will observe all conditions set forth by the owner of the property, including vehicle travel speeds, restricted areas and conduct.

Eating, drinking, smoking and other practices which increase the probability of hand-to-mouth transfer of contamination is prohibited in the work zone. All field personnel will be instructed to thoroughly wash their hands and face upon leaving the work area for breaks or cessation of day's activities. A first aid kit and at least one 20 pound A-B-C fire extinguisher will be available at the site.

DECONTAMINATION PROCEDURES

If required, equipment and personnel decontamination areas will be designated by the Project Manager at the start of the project. To prevent the transfer of contamination from the work site into clean areas, all tools will be cleaned adequately prior to final removal from the work zone. Protective clothing such as Tyvek coveralls, latex gloves, boot covers, etc. will be changed on a daily basis or at the discretion of the Project Manager on site. All disposable protective clothing will be put into plastic bags and disposed of in a proper manner. All respirator cartridges will be discarded and replaced with fresh units on a daily basis, disposal will be in the same manner as the protective clothing. Excavated soils will be stockpiled in an area designated by the Project Manager, until chemical analysis has been performed on representative samples.

In the event of a medical emergency, the injured party will be taken through decontamination procedures, if possible. However, the procedures may be omitted when it may aggravate or cause further harm to the injured party. Member of the work team will accompany the injured party to the medical facility to advise on matters concerning chemical exposure.

Personnel Protection Level will be Level 'D'. Protective clothing levels may be upgraded in the event that on site conclusions determine a greater then anticipated danger to personnel.

SPECIAL CONDITIONS

Site Entry: NORMAL, NO SPECIAL CONDITIONS

Decontamination-

Personnel and Equipment: IF REQUIRED, PERSONNEL AND EQUIPMENT WILL BE DECONTAMINATED A PER USEPA STANDARD OPERATING SAFETY GUIDELINES. A SMALLER MODIFIED DECONTAMINATION LINE MAY BE USED DUE TO SPACE RESTRICTIONS.

Work Limitations (ti[redacted] weather):

NONE ARE ANTICIPATED, HOWEVER, PERSONNEL WORKING ON SITE MAY EXPERIENCE ELEVATED TEMPERATURES DURING THE WORK DAY. IN THE EVENT THAT AMBIENT TEMPERATURES REACH OR EXCEED 80 DEGREES FAHRENHEIT, THE FOLLOWING GUIDELINES ARE RECOMMENDED.

1. Periods of work should be reduced to no less then one hour time frames and separated by breaks intended to reduce personnel stress due to reduced natural ventilation from wearing protective clothing.

2. All personnel wearing level C protective clothing or greater, will be subject to medical monitoring of body temperature after work periods, by the following guidelines;

a. Heart Rate (HR) should be measured by counting the radial pulse rate for 30 seconds and doubling count for the correct pulse rate. This should be done as early as possible in the resting period. The HR at the beginning of the rest period should not exceed 110 beats per minute. If the HR is higher, the next work period should be shortened by 10 minutes, while the length of the rest period remains the same. If the HR is 100 beats per minute at the beginning of the next rest period, the following work period should be shortened by an additional 10 minutes.

b. Body temperatures should be measured orally with a clinical thermometer as soon as possible in each resting period. Oral Temperatures (OT) should not exceed 99 degrees Fahrenheit. If it does, the next work period should be reduced by 10 minutes while the length of the resting period remains the same. If the OT exceeds 99 degrees Fahrenheit at the beginning of the next work period, the following work period should be reduced by an additional 10 minutes. OT should be measured at the end of each rest period to ensure that the body's temperature has dropped below 99 degrees Fahrenheit.

Body Water Loss (BWL) from sweating, could result in dehydration and further complications and stress on personnel working in protective clothing under adverse weather conditions. It is strongly recommended that plenty of stress relief beverages be available on site to replace body fluids. Commercial drink mixes that provide electrolyte balancing solutions or water are adequate for replacing body fluids.

Alternate methods of heat stress reduction can be made available such as,

Portable showers or hose-down facilities,
Shelter cover to protect against direct sunlight,
Rotating teams of personnel wearing protective clothing,
Performing extremely arduous tasks early in the workday.

EMERGENCY INFORMATION

In the event of an injury or suspected chemical exposure, the first responsibility of the Project Manager will be to prevent any further injury. This objective will normally require an immediate stop to work until the situation is remedied. The Project Manager may order the evacuation of the work party. Other primary responsibilities in the event of an accident will be the first aid and decontamination of the injured team member(s). The injured party will be moved to a designated safe area and initial first aid will be rendered.

Employees are asked to make every effort and take personnel responsibility to prevent accidents involving machinery or any other aspect of the job, either by individual action or by notifying the Project Manager immediately of any unsafe condition that may exist.

In the event of an unexpected hazardous material discovery on site, the following actions will be taken by any employee involved;

1. The person having uncovered the unexpected material will notify the Project Manager and other workers of the danger. The site will be cleared of personnel if deemed necessary by the Project Manager. If site evacuation is required, appropriate local agencies such as the Fire Department or Health Department will be notified as well.

2. Immediate action will be taken to contain the hazardous material, provided the workers involved are properly attired with adequate protective clothing to avoid exposure.

3. Proper containment procedures will be determined for the hazardous material encountered prior to cleanup commencing. All personnel involved in the containment effort will be properly protected to prevent exposure. Backup personnel will be similarly protected while monitoring the work being done for any additional dangers.

4. The container(s) will be staged on site, away from the major activity areas and in such a way that if loss of containment occurs, the material will be withheld from further spread by a secondary containment berm or vessel.

5. The owner or agent controller of the property will be notified promptly of the incident and will be apprised as to the options available for proper disposal.

ACUTE EXPOSURE SYMPTOMS AND FIRST AID

EXPOSURE ROUTE	SYMPTOMS	FIRST AID
Skin	Dermatitis, itching redness, swelling	Wash immediately with soap and water contact ambulance if evacuation is needed.
Eyes	Irritation, watering	Flush with water, transport directly to emergency room, if necessary.
Inhalation	Vertigo, tremors	Move person to fresh air, cover source of exposure.
Ingestion	Nausea, vomiting	Call Poison Control Center, DO NOT INDUCE VOMITING, transport to medical facility.

Local Resources:

HEALTH AND SAFETY CONTACT FOR ASE:

Michael D. Dirk
Office: (415) 820-9391

Ambulance
Police : **911**
Fire

POISON CONTROL: SF (415) 476-6600

Emergency Route to nearest Medical Facility:

Exit site, Travel south on Vallejo Street
RIGHT on Powell Street
BEAR LEFT onto Stanford Avenue
BEAR LEFT onto Adeline Street
RIGHT on Ashby Avenue (Hwy. 13)
RIGHT on Colby Plaza

HOSPITAL IS NEAR THE CORNER OF ASHBY AY COLBY PLAZA

Hospital: - ALTA BATES HOSPITAL
3001 COLBY PLAZA, BERKELEY 540-0337 ext 6

Garcia-La Grille, Roseanna, Env. Health

To: nozaki@somacorporation.com
Subject: 1240 Powell Street, Emeryville

Hello,
I am working on entering information on the above site into our computer database and need some additional information that I hope you can help me with.

I have that the RP at the time of the UST removal was Garza & Associates. Do they still exist? If so, do you have any contact information for them?

I also have that the current property owner for this site is 1240 Powell Streett LLC. Do you have a contact person for them?

Are there any additional RP's that we should know about?

Finally, if you have any additional reports, letters, etc, can you please forward a copy on to me.

Thank you for your time.

Roseanna

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Roseanna E. Garcia-La Grille
Hazardous Materials Technician
Alameda County Dept. of Environmental Health
1131 Harbor Bay Pkwy., Room 250
Alameda, CA 94502-6577
(510) 777-2149
Fax (510) 337-9335
Roseanna.Garcia-LaGrille@acgov.org

FILE OR PER NO. S.H. | ENVELOPE No. ____ of ____

☐ OWNER Garza & Assoc.
Address 1240 Powell st.
Emeryville 94608 Phone
☐ Contractor Aqua Science Engr.
Address P.O. Box 535/2500 Old Orchard Canyon Rd San Ramon 94583
Phone 820-9391
David Krull
☐ OTHER (Specify)
Address
Phone
☒ CONTACT FOR INVESTIGATION

PLAN REVIEW	By	Date
$ 432.00 Rec'd.	TS	11/7/91
No. 612146 Plans Rec'd.		
Plans Approved		
Layout Made		
Rejected		
Applicant Notified		
Plans Returned		
Permit Issued		
CONSTRUCTION PROGRESS ACCEPTANCE		
FOOD Pre-Plaster/drywall		
Pre-Final		
Final		

		By	Date
POOL	Pre-Concrete/Gunite		
	Pre-Plaster		
	Final		
EXCAVATION	Septic Tank		
	Absorption Field		
	Absorption Bed		
FINAL	House Sewer		
	Septic Tank		
	Absorption Field		
	Absorption Bed		
OTHER			

	By	Date
Pre-Covering		
Final		

STID 6360

XR

REMARKS

Date	By	
11/8/91	SH	Tank closure plan reviewed, approved.
11/22/91	SH	1-4000 G gasoline Tank removed. Excavation pit accessible to public, no apparent holes in the tank, Excavation pit lined with plastic, Stockpiled soil used to backfilled the pit for safty reason. 4 stockpiled soils showed detectable amounts of TPHg, BTX&E Total Pb, Stockpiled soil

REMARKS

Date	By	
		Cont'd. Must be re-excavated. 2 Soil samples collected from each end of the tank.
11/25/91	SH	Received faxed copy of lab results 2 bottom soil samples, stockpiled soil samples were N.D. for both TPH gasoline & BTX&E.

LOCATION

Vicinity Map

DEBITED 9/10/97 DMR

Project # 612146
Fee Paid 432.00
Date 11/7/91