aqua science engineers inc.

May 10, 1993

Alameda County Health Care Services Agency
80 Swan Way, Room 350
Oakland, CA 94621

ATTENTION: Ms. Juliet Shin

SUBJECT: Final Report - Underground Storage Tank Removal
Former Alameda Max's Property
1357 High Street
Alameda, CA 94501

Dear Ms. Shin:

Please find attached a copy of Aqua Science Engineers, Inc's. (ASE) Final Report regarding the subject property. The property owner, Mr. James A. Phillipsen, has reviewed the report and has asked ASE to send you this courtesy copy. This report details the tank removal and disposal operations of 5 underground storage tanks, and the sampling and analysis of the excavation pits and excavated soil.

If you have any questions or comments, please feel free to give us a call at (510) 820-9391.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

David Allen
Project Manager

Attachment: Final Report

cc: Mr. James A. Phillipsen, Property Owner
Mr. Rich Hiett, RWQCB - San Francisco Bay Region

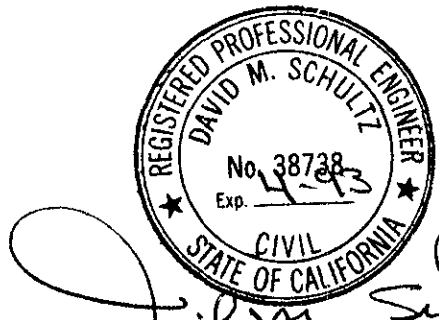
aqua science engineers inc.

April 26, 1993

FINAL REPORT
UNDERGROUND STORAGE TANKS REMOVAL

at

Former Alameda Max's
1357 High Street
Alameda, California



Submitted by:

Aqua Science Engineers
2411 Old Crow Canyon Road, #4
San Ramon, California 94583
(510) 820-9391

TABLE OF CONTENTS

1.0 INTRODUCTION

This report documents the removal, disposal and related activities of the underground storage tanks (UST) closure performed at the James A. Phillipsen Property at 1357 High Street in Alameda, California (see Figure 1, Location Map). The following tanks were removed from the site:

TYPE AND SIZE UST	FORMER CONTENTS	TANK NO.
one (1) steel, 4,000 gallon	Gasoline	10790
one (1) steel, 5,000 gallon	Gasoline	10793
one (1) steel, 6,000 gallon	Gasoline	10792
one (1) steel, 550 gallon	Gasoline	10789
one (1) steel, 150 gallon	Waste Oil	10788

For locations of these former tanks see Figure 2, Site Plan. The scope of services provided by Aqua Science Engineers, Inc. (ASE) was in accordance with ASE proposal No. 92-084 and included the following tasks:

- o Obtain necessary permits from appropriate agencies.
- o Remove and dispose of liquids from the tanks.
- o Remove and dispose of the UST's.
- o Sample and analyze the soil beneath the tanks.
- o Sample and analyze the excavation sidewalls.
- o Backfill excavation to grade.
- o Prepare a report of methods and findings.

During tank removal operations, an additional 2,000 gallon, steel UST was encountered that appeared to have been abandoned in place (filled with concrete) during previous on-site activities (not performed by ASE). The afore-mentioned tank remains on site per the approval of Ms. Juliet Shin, Alameda County Health Care Services Agency (ACHCSA), in the attached letter dated April 14, 1993 (see Appendix E).

2.0 PERMITS

The approvals/permits to remove the underground storage tanks were obtained from the City of Alameda Fire Department (CAFD), the Alameda County Health Care Services Agency (ACHCSA), the City of Alameda Building Department, CAL-OSHA, and the Bay Area Air Quality Management District (BAAQMD). Copies of the permits, applications, forms and notification documents are contained in Appendix C.

3.0 LIQUID REMOVAL

The various on-site tanks contained approximately 895 gallons total of residual product along with rinseate water used to clean the tanks. The liquid was pumped out and transported to the Demenno Kerdoon Facility in Compton, California under a hazardous waste manifest (#91041994) by Waste Oil Recovery (WORS), a licensed hazardous waste hauler (D.O.H.S. #843). A copy of the manifest is attached in Appendix B.

4.0 MOBILIZATION

ASE first mobilized for on-site work on March 25, 1993. Tank removal and transporting operations occurred the next day on March 26, 1993. Project personnel included: David Allen - Project Manager, Steve DeHope - Construction Manager, and Field Personnel- Steve LaBare and John Sabia. Field operations were conducted by trained technicians who are certified per the mandatory 40-hour safety program as specified in the OSHA Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120).

5.0 EXCAVATION

On March 25, ASE personnel began tank pulling exercises by removing the concrete/asphalt cover material overlying the underground tanks. The material was stockpiled on site then later disposed of, and excavation activities began. As depicted on Figure 2, the site had three (3) distinct excavations which were the former resting places of the UST's. Native material was comprised of a sandy, silty material from the ground surface to approximately 5-6 feet below ground surface. Below that, a firm, dense clay was encountered. As the tank excavation activities continued, the associated piping and vent lines were removed. Air sampling was conducted throughout excavation activities at the edge of the excavation by use of a hand-held organic vapor monitor (OVM 580A); no action levels were encountered, work proceeded. Excavated soils were stockpiled on site next to their respective excavation pits and covered with plastic. Groundwater was encountered at approximately 5-6 feet below ground surface in each of the excavations.

6.0 TANKS REMOVAL

Prior to tank removal on March 26, 1993, ASE inerted the tanks by adding dry ice at the rate of at least 1.5 pounds per 100 gallons of tank volume. The tank removal operations were witnessed by Ms. Juliet Shin of the

Alameda County Health Care Services Agency (ACHCSA) and Mr. Steve McKinley of the City of Alameda Fire Department (CAFD). After verifying a safe Lower Explosive Limit (LEL) of each of the the tank's atmosphere, by use of an excavator, the tanks were lifted from the excavation, placed on plastic, hand cleaned, and inspected prior to being loaded onto the transport vehicle.

6.1 550 Gallon Gasoline Tank (#10788)

Upon inspection of this tank, a hole was identified. The excavation had a petroleum odor emanating from it; groundwater was measured at approximately 5-6 feet below ground surface. Due to the hole in the tank, what appeared to be residual tank contents was found floating on the groundwater in this excavation. An Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report was completed and appropriately distributed (see Appendix F).

6.2 150 Gallon Waste Oil Tank (#10789)

Upon inspection of this tank, no apparent holes or cracks were found on the vessel. A strong petroleum odor was emanating from this excavation pit; groundwater was measured at approximately 5-6 feet below ground surface. An unidentified substance was found floating on the groundwater in this excavation.

6.3 4K, 5K, and 6K Gal. Gas Tanks (#10790, #10793, #10792)

All of these tanks rested in the same excavation pit. Upon inspection of these tanks, no apparent holes or cracks were identified. The excavation pit did not have an apparent petroleum odor as did the other two excavation pits. Groundwater was measured at approximately 5-6 feet below ground surface. An unidentified substance was found floating on the groundwater in this excavation.

6.4 150 Gallon Oil and Water Separator, see Figure 2, Site Plan

A 150-gallon oil and water separator that contained stormwater runoff from the site was pumped dry (disposed of under manifest #91041994), steam-cleaned, and inspected; the residual sludge was drummed and is stored on site. No cracks or faults with the integrity of the sump were found. The sump was then excavated and properly disposed.

The tanks were transported to the Erickson Facility in Richmond, CA (a licensed recycling facility, No. CAD009466392) by Erickson, Inc. (State Transporters' Numbers 309174 and 309176), where they were properly disposed. See Appendix B for copies of the Manifests, and see Appendix D for Tank Recycling Certificates.

7.0 SAMPLING AND ANALYSIS

Twelve (12) soil and one (1) excavation pit water samples were collected from the former tanks excavation and stockpiled soil as depicted on Figure 3, Sampling Plan:

TABLE ONE
SAMPLE LOCATIONS - EXCAVATION PIT and STOCKPILE

Sample Identification	Location	Depth
1	Sidewall near Tank No. 10788	5-6'
2	Sidewall near Tank No. 10788	5-6'
3	Sidewall near Tank No. 10789	5-6'
4	Sidewall near Tank No. 10793	5-6'
5	Sidewall near Tank No. 10790	5-6'
6	Sidewall near Tank No. 10792	5-6'
7	Sidewall near Tank No. 10792	5-6'
8	Sidewall near Tank No. 10792	5-6'
S-1	Tank #10788 Stockpile	Composite
S-2	Tank #10789 Stockpile	Composite
S-3	Tank #10790, '92, '93 Stockpile	Composite
S-4	Tank #10790, '92, '93 Stockpile	Composite
W-1	Excavation Pit Water Sample	

The soil samples listed above were collected by use of the backhoe bucket, then a 2" x 6" brass sample tube was inserted to collect a sample. The soil samples were secured using aluminum foil, capped, sealed with tape, labeled, placed on ice, and transported directly to the analyzing laboratory under proper chain of custody procedures. The stockpile samples (S-1 thru S-4) were composited by the laboratory. The water sample was collected by using a sterile, disposable bailer and stored in sterile 40 ml VOA sample containers. Samples were submitted for analysis to the state certified laboratory, Priority Environmental Labs in Milpitas, California (DHS No. 1708). The above-referenced samples were analyzed for all or a combination of the following constituents: Total Petroleum Hydrocarbons (TPH) as Gasoline (EPA 5030/8015), TPH as Diesel (EPA 3550/8015), the fractions BTEX (EPA 8020), Purgeable Halocarbons (EPA 8010), Acid Base/Neutral Extractables (EPA 8270), CAM 17 Metals (EPA 6000 & 7000), and Total Extractable Lead (EPA 7420). Analysis results are shown below (Tables Two thru Four) and copies can be found in Appendix A.

TABLE TWO
EXCAVATION PIT SOIL SAMPLE RESULTS

Sample ID.	TPH Gasoline (ppm)	TPH Diesel (ppm)	Benzene (ppb)	Toluene (ppb)	Ethyl Benzene (ppb)	Total Xylenes (ppb)	Oil & Grease (ppm)
1	N.D.	---	N.D.	N.D.	N.D.	N.D.	35
2	N.D.	---	N.D.	N.D.	N.D.	N.D.	31
3	N.D.	2200	N.D.	N.D.	N.D.	N.D.	12000 ← waste oil tank
4	N.D.	---	N.D.	N.D.	N.D.	N.D.	25
5	N.D.	---	N.D.	N.D.	N.D.	N.D.	38
6	140	---	120	130	160	300	37 → gas tank pit area 6 K
7	1.0	---	5.2	6.3	8.0	17	15
8	5.5	---	14	16	24	65	---
S-1*	940	---	370	560	1100	3200	150 → stockpile from 550 gal gas tk
S-2*	N.D.	360	N.D.	N.D.	N.D.	N.D.	2600 → stockpile from waste oil tank
S-3*	N.D.	---	N.D.	N.D.	N.D.	N.D.	18
S-4*	1.4	---	5.3	7.0	9.6	28	14
W-1	11	---	24	35	39	88	---
EPA METHOD	5030/ 8015	3550/ 8015	8020	8020	8020	8020	5520 D&F

ND Non Detectable at analytical method limits
ppm parts per million
ppb parts per billion
* Composited sample (performed at the lab)

TABLE THREE
Summary of Chemical Analysis of **SOIL and WATER** Samples
Total Lead
EPA Method 7420

SAMPLE I.D.	Total Lead (ppm)
1	9.2
2	6.6
4	3.6
5	6.3
6	6.1
7	6.7
8	7.5
S-1*	10
S-3*	5.9
S-4*	6.8
W-1	N.D.
EPA METHOD	7420

ND Non Detectable at analytical method limits
ppm parts per million
* Composited sample (performed at the lab)

TABLE 4
Summary of Chemical Analysis of **SOIL** Samples
Purgeable Halocarbons
EPA Method 8010

SAMPLE I.D.	ALL 8010 CONSTITUENTS (ppb)
3	N.D.
S2	N.D.
EPA METHOD	8010

ppb parts per billion
N.D. Non Detectable at analytical method limits

TABLE FIVE
Summary of Chemical Analysis of SOIL Samples
Acid & Base/Neutral Extractables EPA Method 8270

CONSTITUENT	SAMPLE #3 (ppm)	SAMPLE S-2* (ppm)
Napthalene	1.0	0.30
2-Methyl Napthalene	1.7	0.50
Acenaphthylene	0.30	0.04
EPA METHOD	8270	8270

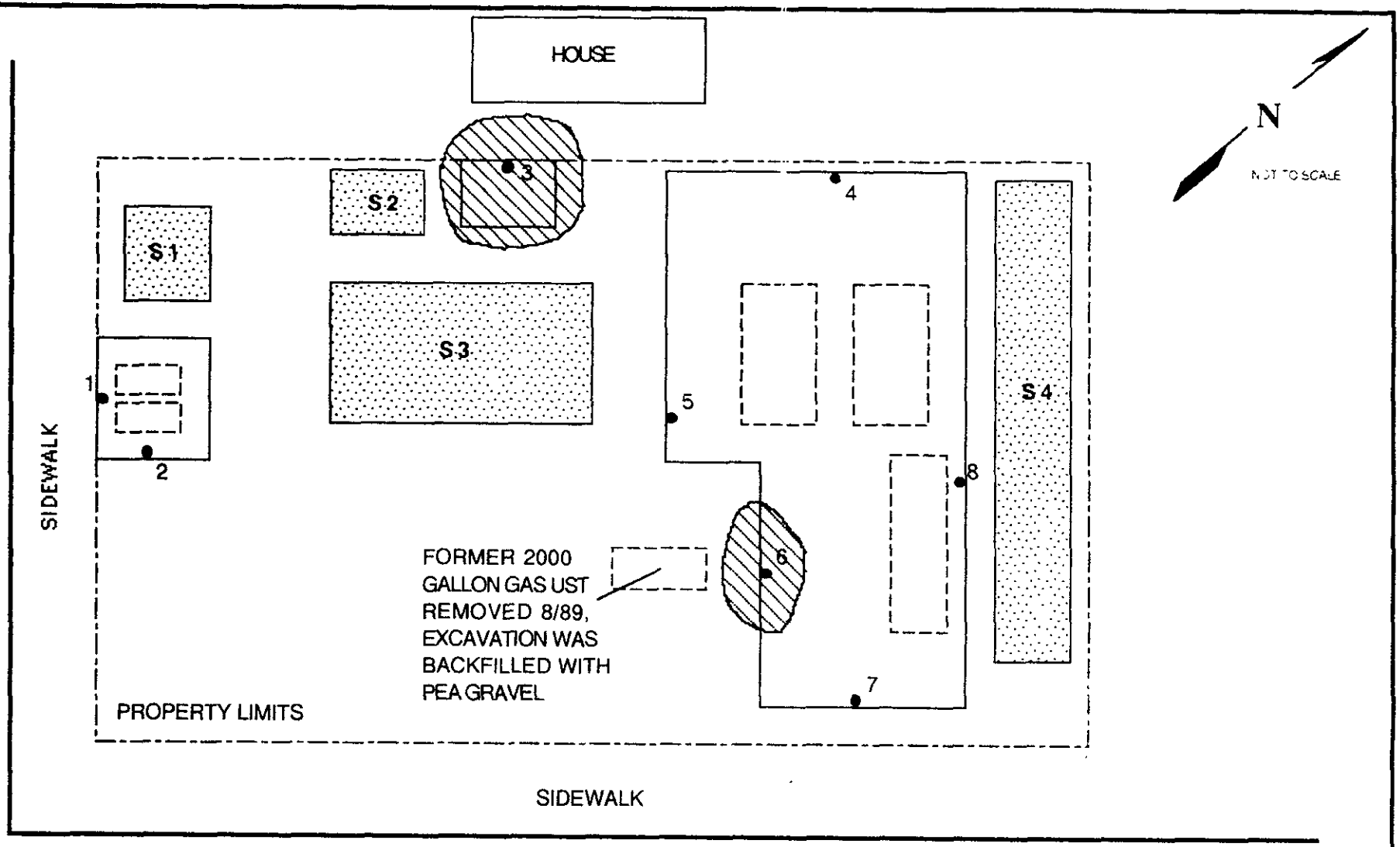
ND Non Detectable at analytical method limits
ppm parts per million
* Composited sample (performed at the lab)

All other constituents tested for as part of these methods were found to be N.D. See Appendix B for copies of sample results.

TABLE SIX
Summary of Chemical Analysis of SOIL Samples
CAM 17 Metals EPA Method 6000 & 7000 Series

CONSTITUENT	SAMPLE #3 (ppm)	SAMPLE S-2* (ppm)
Antimony	N.D.	N.D.
Arsenic	1.0	N.D.
Barium	65	32
Beryllium	N.D.	N.D.
Cadmium	N.D.	N.D.
Chromium	45	22
Cobalt	N.D.	N.D.
Copper	N.D.	N.D.
Lead	N.D.	5
Mercury	N.D.	N.D.
Molybdenum	N.D.	N.D.
Nickel	30	11
Selenium	N.D.	N.D.
Silver	N.D.	N.D.
Thallium	N.D.	N.D.
Vanadium	26	15
Zinc	N.D.	N.D.
EPA METHOD	Series 6K & 7K	Series 6K & 7K

ND Non Detectable at analytical method limits
ppm parts per million
*Composited sample (performed at the lab)



LEGEND

- 8 — DISCRETE, SIDEWALL SOIL SAMPLE
- S1 — STOCKPILED SOIL
- PROPOSED AREA TO BE OVEREXCAVATED

SAMPLING PLAN

Former Alameda Max's
1357 High Street
Alameda, California

Aqua Science Engineers | Figure 3

8.0 BACKFILLING

The excavations were backfilled immediately (with the excavated, stockpiled material that corresponded with its appropriate excavation) to reduce the risk of undermining of the street and a nearby residence (see Figure 2, Site Plan). This procedure was discussed on site with Ms. Shin from the ACHCSA prior to initiation.

9.0 STOCKPILED SOIL

The material that was previously stockpiled on site has been used as backfill material as detailed in the previous section of this report. Stockpiles S-1 and S-2 will be re-excavated at a later date when proposed overexcavation activities are conducted. At that time, the afore-mentioned stockpiles will be removed from the site and properly disposed of at a local, licensed disposal facility.

10.0 DISCUSSION AND CONCLUSIONS

A total of 5 UST's were removed and properly disposed of from the property at 1357 High Street. Soil samples were collected from the sidewalls of the former tank excavations; subsequent chemical analysis indicated detectable levels of petroleum hydrocarbons in several discrete areas within the excavation pits (see Figure 3, Sampling Plan). Of the remaining soil samples, chemical analysis detected only minor levels of petroleum hydrocarbons. In areas where significant soil contamination was detected, it is the recommendation of ASE that overexcavation of those areas be performed. The excavated material should be stockpiled on site and covered, to be later profiled for either off-site disposal or on-site remediation.

Groundwater was encountered in each of the excavations on site. A grab water sample indicated detectable levels of petroleum hydrocarbons as gasoline (11 parts per million). It was obvious during tank removal operations that groundwater had been impacted by petroleum hydrocarbons; further investigative activities regarding the groundwater issue will be required by the Regional Water Quality Control Board and the ACHCSA.

11.0 REPORT LIMITATIONS

The results of this investigation represent conditions at the time and specific location at which soil samples were collected, and for the specific parameters analyzed for by the laboratory. It does not fully characterize the site for contamination resulting from sources other than the former underground storage tanks at the site, or for parameters not analyzed for by the laboratory. All of the laboratory work cited in this report was prepared under the direction of independent CSDHS certified laboratory. The independent laboratory is solely responsible for the contents and conclusions of the chemical analysis data.

ASE appreciates having the opportunity to provide our services to you. If you have any questions or comments, please feel free to give us a call at (510) 820-9391.

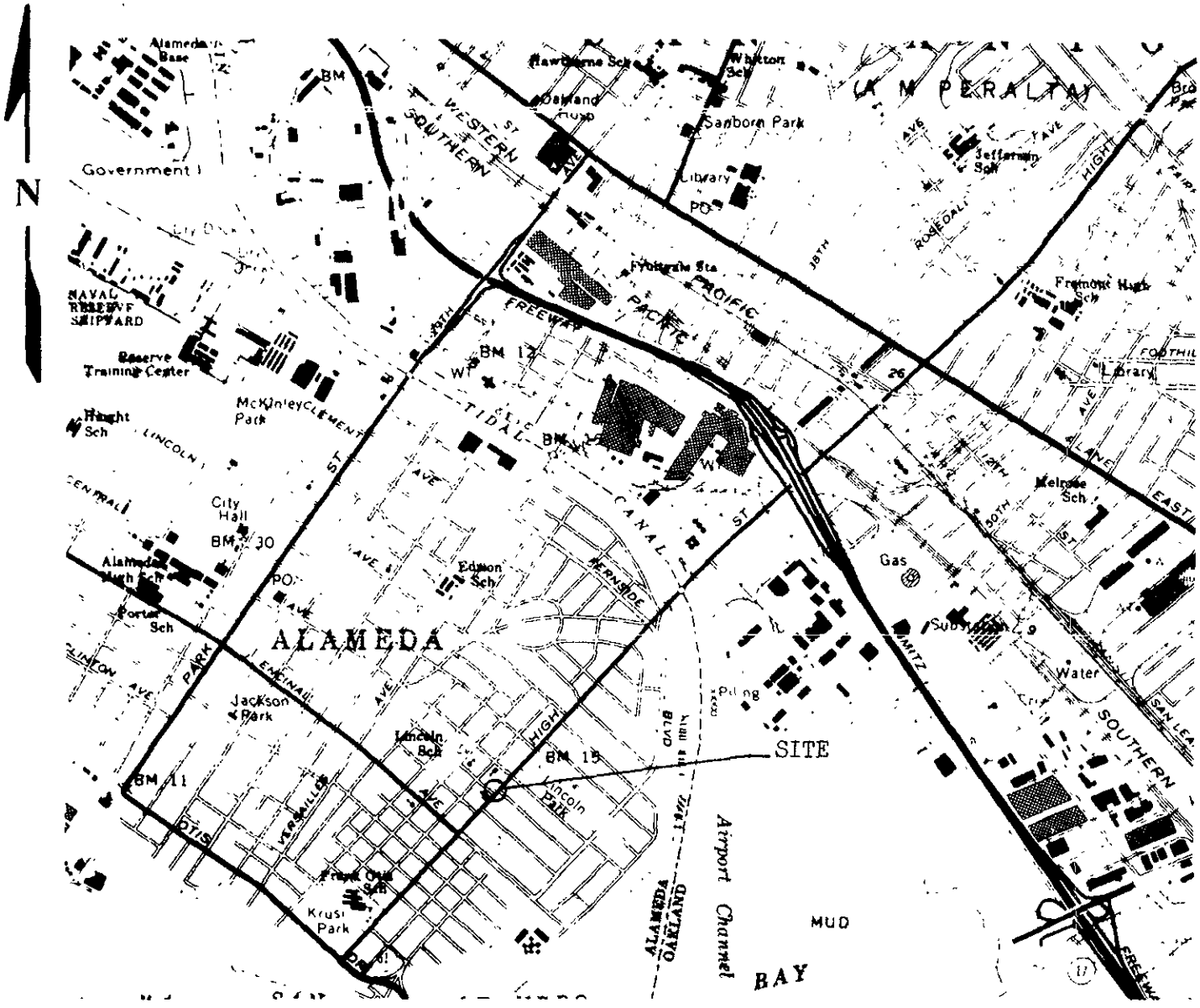
Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

David Allen
Project Manager

Enclosures: Figure 1 - Location Map
Figure 2 - Site Plan
Figure 3 - Sampling Plan
Appendices A - E

cc: Mr. James A. Phillipsen, Property Owner
ACHCSA, Ms. Juliet Shin
RWQCB, San Francisco Bay Region, Mr. Rich Hiett

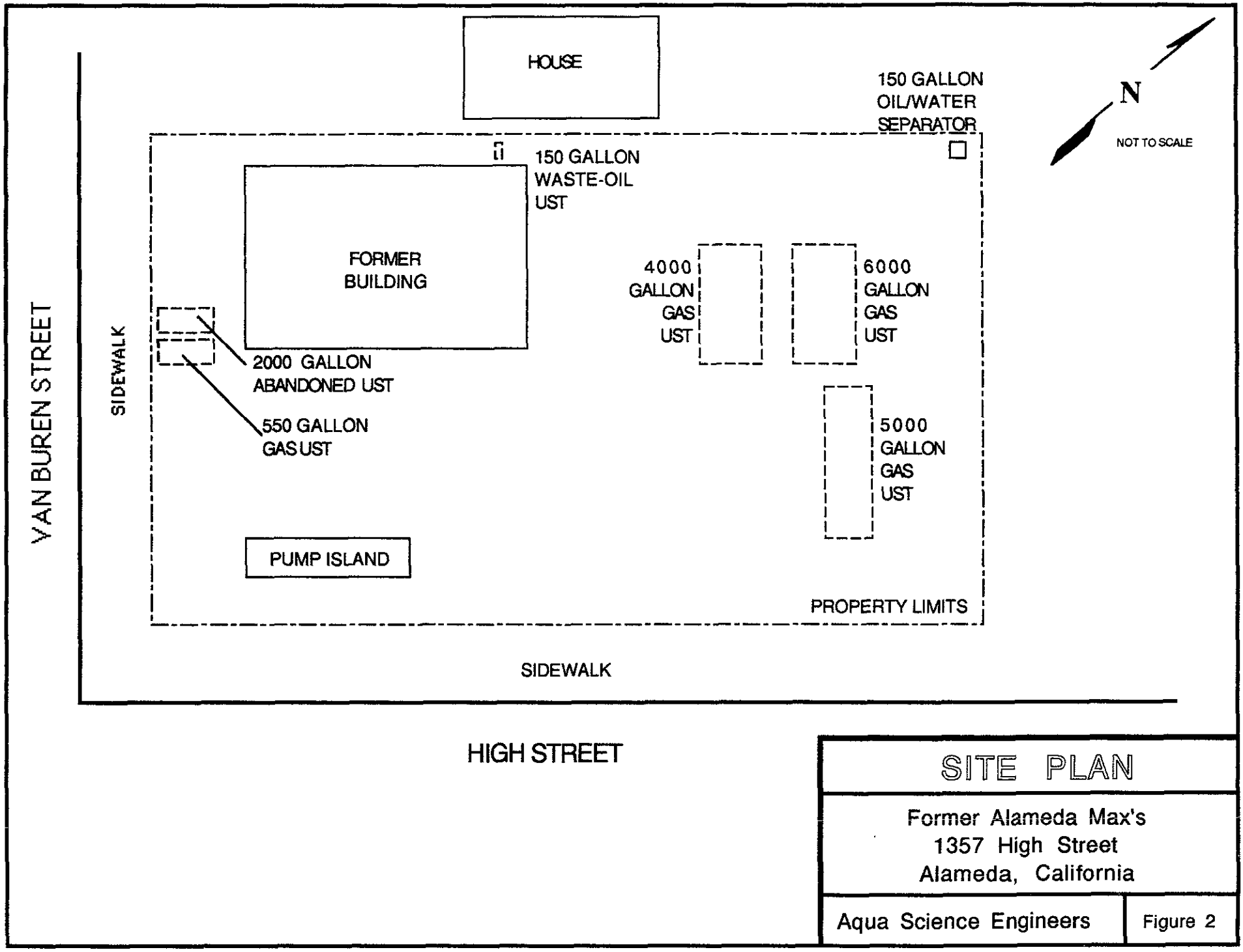


BASE: Oakland East and Oakland West 7.5 minute quadrangle topographic map, dated 1980, scale 1:24,000.

SITE LOCATION MAP

Alameda Max's
1357 High Street
Alameda, California

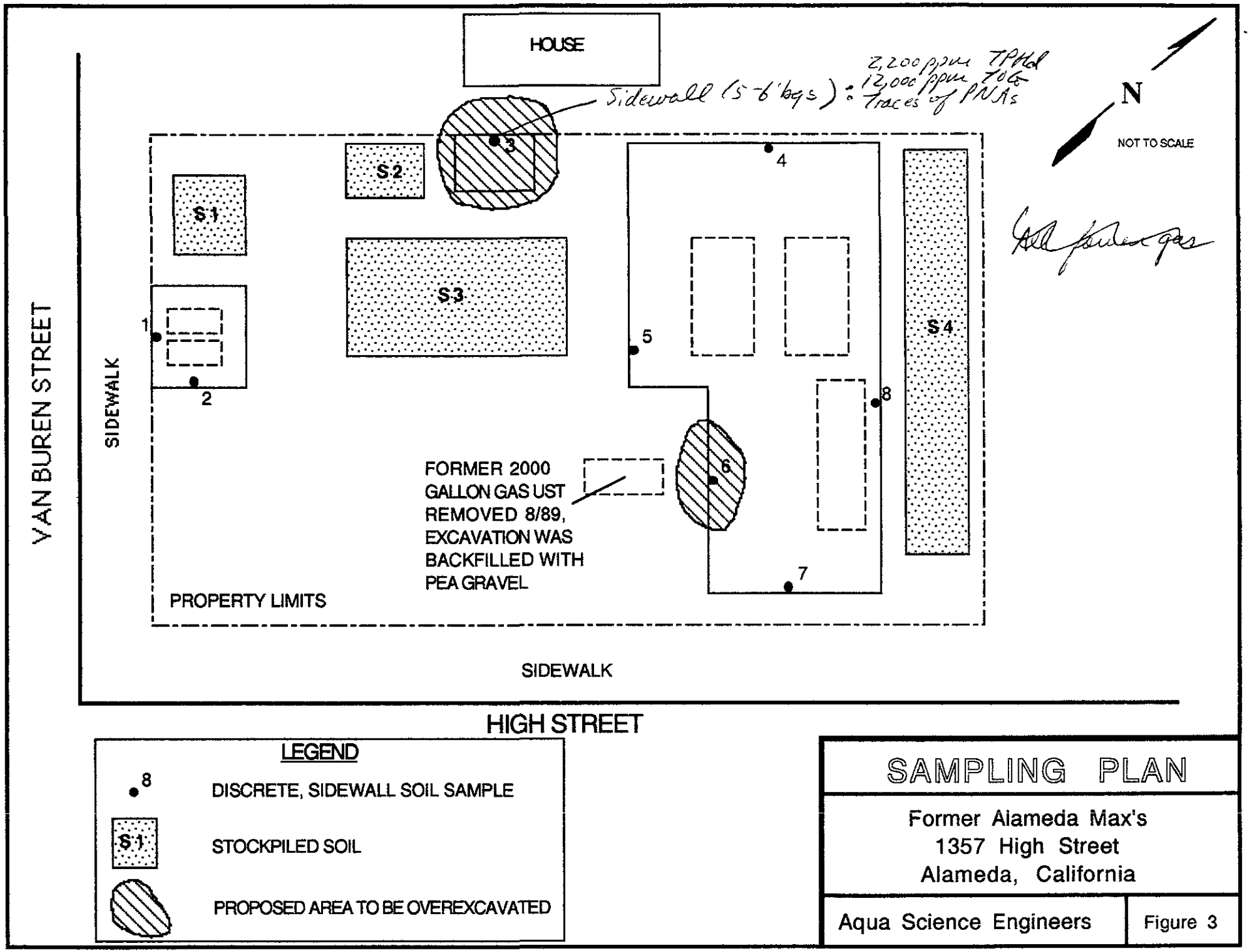
Aqua Science Engineers | Figure 1



SITE PLAN

Former Alameda Max's
1357 High Street
Alameda, California

Aqua Science Engineers | Figure 2



SAMPLING PLAN

Former Alameda Max's
1357 High Street
Alameda, California

Aqua Science Engineers | Figure 3

APPENDIX A

LABORATORY ANALYSIS
and
CHAIN OF CUSTODY SHEETS

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

April 01, 1993 PEL # 9303071

AQUA SCIENCE ENGINEERS, INC. Attn: David Allen

Re: One water and twelve soil samples for Gasoline/BTEX, Diesel, and Oil & Grease analyses.

Project name: Alameda Max's Project number: 2607
Project location: 1357 High St., - Alameda

Date sampled: Mar 26, 1993 Date submitted: Mar 30, 1993
Date extracted: Mar 30-31, 1993 Date analyzed: Mar 30-31, 1993

RESULTS:

SAMPLE I.D.	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
W 1	11000	24	35	39	88
Detection Limit	50	0.5	0.5	0.5	0.5
Method of Analysis	5020 / 8015	602	602	602	602

SAMPLE I.D.	Gasoline (mg/Kg)	Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)	Oil & Grease (mg/Kg)
1	N.D.	---	N.D.	N.D.	N.D.	N.D.	---
2	N.D.	---	N.D.	N.D.	N.D.	N.D.	---
3	N.D.	2200	N.D.	N.D.	N.D.	N.D.	12000
4	N.D.	---	N.D.	N.D.	N.D.	N.D.	---
5	N.D.	---	N.D.	N.D.	N.D.	N.D.	---
6	140	---	120	130	160	300	---
7	1.0	---	5.2	6.3	8.0	17	---
8	5.5	---	14	16	24	65	---
S 1	940	---	370	560	1100	3200	---
S 2	N.D.	360	N.D.	N.D.	N.D.	N.D.	2600
S 3	N.D.	---	N.D.	N.D.	N.D.	N.D.	---
S 4	1.4	---	5.3	7.0	9.6	28	---
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	101.2%	91.5%	102.0%	97.6%	103.7%	107.1%	---
Duplicate Spiked Recovery	89.4%	94.6%	82.1%	88.5%	90.4%	94.0%	---
Detection limit	1.0	1.0	5.0	5.0	5.0	5.0	10
Method of Analysis	5030 / 8015	3550 / 8015	8020	8020	8020	8020	5520 D & F

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

April 01,1993 PEL # 9303071

AQUA SCIENCE ENGINEERS, INC. Attn: David Allen

Project name: Alamede Max's Project number: 2607
Project location: 1357 High St., - Alameda

Sample I.D.: 3

Date Sampled: Mar 26, 1993 Date Submitted: Mar 30, 1993
Date Analyzed: Mar 30, 1993

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	83.7
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	86.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	90.5
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	97.1
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	100.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

April 01,1993 PEL # 9303071

AQUA SCIENCE ENGINEERS, INC. Attn: David Allen

Project name: Alamede Max's Project number: 2607
Project location: 1357 High St., - Alameda

Sample I.D.: S2

Date Sampled: Mar 26, 1993 Date Submitted: Mar 30, 1993
Date Analyzed: Mar 30, 1993

Method of Analysis: EPA 8010 Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	83.7
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	86.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	90.5
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	97.1
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	100.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

April 05, 1993 PEL # 9303071

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen
Re: Six soil samples for Oil & Grease analysis.

Project name: Alameda Max's
Project number: 2607
Project location: 1357 High St., - Alameda

Date sampled: Mar 26, 1993 Date submitted: Mar 30, 1993
Date extracted: Apr 02-03, 1993 Date analyzed: Apr 02-03, 1993

RESULTS:

SAMPLE I.D.	Oil & Grease (mg/Kg)
1	35
2	31
4	25
5	38
6	37
7	15
Blank	N.D.
Detection limit	10
Method of Analysis	5520 D & F

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

April 06, 1993 PEL # 9303071

AQUA SIENCE ENGINEERS, INC.

Attn: Steve DeHope
Re: Three soil samples for Oil & Grease analysis.

Project name: Alameda Max's
Project location: 1357 High St., - Alameda
Project number: 2607

Date sampled: Mar 26, 1993
Date extracted: Apr 05-06, 1993
Date submitted: Mar 30, 1993
Date analyzed: Apr 05-06, 1993

RESULTS:

SAMPLE I.D.	Oil & Grease (mg/Kg)
S 1	150
S 3	18
S 4	14
Blank	N.D.
Detection limit	10
Method of Analysis	5520 D & F

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

April 01, 1993 PEL # 9303071

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen
Re: One water and ten soil samples for Lead analysis.

Project name: Alameda Max's
Project location: 1357 High St., - Alameda
Project number: 2607

Date sampled: Mar 26, 1993 Date submitted: Mar 30, 1993
Date extracted: Mar 30-31, 1993 Date analyzed: Apr 01, 1993

RESULTS:

SAMPLE I.D.	Lead (mg/L)
W 1	N.D.
Detection limit	0.5

SAMPLE I.D.	Lead (mg/Kg)
1	9.2
2	6.6
4	3.6
5	6.3
6	6.1
7	6.7
8	7.5
S1	10
S3	5.9
S4	6.8
Blank	N.D.
Detection limit	1.0
Method of Analysis	7420

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

Precision Analytical Laboratory, Inc.
4136 LAKESIDE DRIVE, RICHMOND, CA 94806 PHONE (510) 222-3002 FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

Date Received: 03/31/93
Date Reported: 04/07/93
Job #: 74540

Attn: David Duong
Priority Environmental Labs
1764 Houret Court
Milpitas, CA 95035

Project: #9303071
Matrix: Soil

EPA Method 8270
Acid & Base/Neutral Extractables
mg/Kg

Lab I.D.: 74540-2
Client I.D.: S2

ACID COMPOUNDS	CONCENTRATION	LIMIT OF DETECTION
Phenol	ND<0.08	0.08
2-chlorophenol	ND<0.06	0.06
2-methyl phenol	ND<0.09	0.09
4-methyl phenol	ND<0.10	0.10
2-nitrophenol	ND<0.06	0.06
2,4-dimethylphenol	ND<0.10	0.10
2,4-dichlorophenol	ND<0.10	0.10
4-chloro-3-methylphenol	ND<0.10	0.10
2,4,5-trichlorophenol	ND<0.07	0.07
2,4,6-trichlorophenol	ND<0.08	0.08
2,4-dinitrophenol	ND<0.40	0.40
4-nitrophenol	ND<0.10	0.10
2-methyl-4,6-dinitrophenol	ND<0.10	0.10
Pentachlorophenol	ND<0.30	0.30
BASE/NEUTRAL COMPOUNDS		
N-nitrosodimethylamine	ND<0.10	0.10
Bis(2-chloroethyl)ether	ND<0.04	0.04
1,3-dichlorobenzene	ND<0.50	0.50
1,4-dichlorobenzene	ND<0.50	0.50
1,2-dichlorobenzene	ND<0.40	0.40
Bis-(2-chloroisopropyl)ether	ND<0.20	0.20

ND = Not Detected

Jaime Chow
Laboratory Director

JC/td

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mg/Kg

Lab I.D.: 74540-2
Client I.D.: S2

BASE/NEUTRAL COMPOUNDS	CONCENTRATION	LIMIT OF DETECTION
N-nitrosodi-n-propylamine	ND<0.10	0.10
Hexachloroethane	ND<0.50	0.50
Nitrobenzene	ND<0.06	0.06
Isophorone	ND<0.09	0.09
Bis-(2-chloroethoxy)methane	ND<0.10	0.10
1,2,4-trichlorobenzene	ND<0.30	0.30
Napthalene	0.30	0.20
Hexachlorobutadiene	ND<0.50	0.50
2-chloronaphthalene	ND<0.05	0.05
2-methyl naphthalene	0.50	0.20
4-chloroaniline	ND<0.10	0.10
2-nitroaniline	ND<0.10	0.10
3-nitroaniline	ND<0.10	0.10
4-nitroaniline	ND<0.10	0.10
Hexachlorocyclopentadiene	ND<0.20	0.20
Dimethyl phthalate	ND<0.04	0.04
Acenaphthylene	0.04	0.04
Acenaphthene	ND<0.04	0.04
2,4-dinitrotoluene	ND<0.10	0.10
2,6-dinitrotoluene	ND<0.06	0.06
Diethyl phthalate	ND<0.10	0.10
4-chlorophenylphenylether	ND<0.05	0.05
Fluorene	ND<0.20	0.20
N-nitrosodiphenylamine	ND<0.09	0.09
4-bromophenylphenylether	ND<0.07	0.07
Hexachlorobenzene	ND<0.20	0.20

ND = Not Detected

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Priority Environmental Labs

Project: #9303071
Matrix: Soil

EPA Method 8270
Acid & Base/Neutral Extractables
mg/Kg

Lab I.D.: 74540-2
Client I.D.: S2

BASE/NEUTRAL COMPOUNDS	CONCENTRATION	LIMIT OF DETECTION
Phenanthrene	ND<0.10	0.10
Anthracene	ND<0.20	0.20
Di-n-butylphthalate	ND<0.20	0.20
Fluoranthene	ND<0.50	0.50
Benzidine	ND<1.0	1.0
Pyrene	ND<0.60	0.60
Benzylbutylphthalate	ND<0.10	0.10
3,3'-dichlorobenzidine	ND<0.30	0.30
Benzo(a)anthracene	ND<0.30	0.30
Bis-(2-ethylhexyl)phthalate	ND<0.10	0.10
Chrysene	ND<0.30	0.30
Di-n-octylphthalate	ND<0.13	0.13
Benzo(b)fluoranthene	ND<0.20	0.20
Benzo(k)fluoranthene	ND<0.40	0.40
Benzo(a)pyrene	ND<0.09	0.09
Indeno(1,2,3-cd)pyrene	ND<0.20	0.20
Dibenzo(a,h)anthracene	ND<0.20	0.20
Benzo(ghi)perylene	ND<0.20	0.20

ND = Not Detected

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CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

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Date Reported: 04/07/93
Job #: 74540

Attn: David Duong
Priority Environmental Labs
1764 Houret Court
Milpitas, CA 95035

Project: #9303071
Matrix: Soil

EPA Method 8270
Acid & Base/Neutral Extractables
mg/Kg

Lab I.D.: 74540-1
Client I.D.: 3

ACID COMPOUNDS	CONCENTRATION	LIMIT OF DETECTION
Phenol	ND<0.08	0.08
2-chlorophenol	ND<0.06	0.06
2-methyl phenol	ND<0.09	0.09
4-methyl phenol	ND<0.10	0.10
2-nitrophenol	ND<0.06	0.06
2,4-dimethylphenol	ND<0.10	0.10
2,4-dichlorophenol	ND<0.10	0.10
4-chloro-3-methylphenol	ND<0.10	0.10
2,4,5-trichlorophenol	ND<0.07	0.07
2,4,6-trichlorophenol	ND<0.08	0.08
2,4-dinitrophenol	ND<0.40	0.40
4-nitrophenol	ND<0.10	0.10
2-methyl-4,6-dinitrophenol	ND<0.10	0.10
Pentachlorophenol	ND<0.30	0.30
BASE/NEUTRAL COMPOUNDS		
N-nitrosodimethylamine	ND<0.10	0.10
Bis(2-chloroethyl)ether	ND<0.04	0.04
1,3-dichlorobenzene	ND<0.50	0.50
1,4-dichlorobenzene	ND<0.50	0.50
1,2-dichlorobenzene	ND<0.40	0.40
Bis-(2-chloroisopropyl)ether	ND<0.20	0.20

ND = Not Detected

Jaime Chow
Laboratory Director

JC/td

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mg/Kg

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Client I.D.: 3

BASE/NEUTRAL COMPOUNDS	CONCENTRATION	LIMIT OF DETECTION
N-nitrosodi-n-propylamine	ND<0.10	0.10
Hexachloroethane	ND<0.50	0.50
Nitrobenzene	ND<0.06	0.06
Isophorone	ND<0.09	0.09
Bis-(2-chloroethoxy)methane	ND<0.10	0.10
1,2,4-trichlorobenzene	ND<0.30	0.30
Napthalene	1.0	0.20
Hexachlorobutadiene	ND<0.50	0.50
2-chloronaphthalene	ND<0.05	0.05
2-methyl naphthalene	1.7	0.20
4-chloroaniline	ND<0.10	0.10
2-nitroaniline	ND<0.10	0.10
3-nitroaniline	ND<0.10	0.10
4-nitroaniline	ND<0.10	0.10
Hexachlorocyclopentadiene	ND<0.20	0.20
Dimethyl phthalate	ND<0.04	0.04
Acenaphthylene	0.30	0.04
Acenaphthene	ND<0.04	0.04
2,4-dinitrotoluene	ND<0.10	0.10
2,6-dinitrotoluene	ND<0.06	0.06
Diethyl phthalate	ND<0.10	0.10
4-chlorophenylphenylether	ND<0.05	0.05
Fluorene	ND<0.20	0.20
N-nitrosodiphenylamine	ND<0.09	0.09
4-bromophenylphenylether	ND<0.07	0.07
Hexachlorobenzene	ND<0.20	0.20

ND = Not Detected

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STATE LICENSE NO. 1150

Date Received: 03/31/93
Date Reported: 04/07/93
Job #: 74540

Attn: David Duong
Priority Environmental Labs

Project: #9303071
Matrix: Soil

EPA Method 8270
Acid & Base/Neutral Extractables
mg/Kg

Lab I.D.: 74540-1
Client I.D.: 3

BASE/NEUTRAL COMPOUNDS	CONCENTRATION	LIMIT OF DETECTION
Phenanthrene	ND<0.10	0.10
Anthracene	ND<0.20	0.20
Di-n-butylphthalate	ND<0.20	0.20
Fluoranthene	ND<0.50	0.50
Benzidine	ND<1.0	1.0
Pyrene	ND<0.60	0.60
Benzylbutylphthalate	ND<0.10	0.10
3,3'-dichlorobenzidine	ND<0.30	0.30
Benzo(a)anthracene	ND<0.30	0.30
Bis-(2-ethylhexyl)phthalate	ND<0.10	0.10
Chrysene	ND<0.30	0.30
Di-n-octylphthalate	ND<0.13	0.13
Benzo(b)fluoranthene	ND<0.20	0.20
Benzo(k)fluoranthene	ND<0.40	0.40
Benzo(a)pyrene	ND<0.09	0.09
Indeno(1,2,3-cd)pyrene	ND<0.20	0.20
Dibenzo(a,h)anthracene	ND<0.20	0.20
Benzo(ghi)perylene	ND<0.20	0.20

ND = Not Detected

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 88189-2
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9303071

DATE RECEIVED: 03/30/93
DATE REPORTED: 04/06/93
CLIENT SAMPLE ID: S2

CAM 17 METALS
Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Compound		Results (mg/Kg)	Detection Limit (mg/Kg)
Antimony	(Sb)	ND	5
Arsenic	(As)	ND	1
Barium	(Ba)	32	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	ND	1
Chromium	(Cr)	22	5
Cobalt	(Co)	ND	10
Copper	(Cu)	ND	10
Lead	(Pb)	5	5
Mercury	(Hg)	ND	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	11	10
Selenium	(Se)	ND	1
Silver	(Ag)	ND	5
Thallium	(Tl)	ND	5
Vanadium	(V)	15	10
Zinc	(Zn)	ND	20

mg/Kg = part per million (ppm)
QAQC Summary: Spike Recovery Range: 82%-107%
Duplicate RPD = < 9%

Richard Srna, Ph.D.

Laboratory Manager

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 88189-1
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9303071

DATE RECEIVED: 03/30/93
DATE REPORTED: 04/06/93
CLIENT SAMPLE ID: 3

CAM 17 METALS
Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Compound		Results (mg/Kg)	Detection Limit (mg/Kg)
Antimony	(Sb)	ND	5
Arsenic	(As)	1	1
Barium	(Ba)	65	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	ND	1
Chromium	(Cr)	45	5
Cobalt	(Co)	ND	10
Copper	(Cu)	ND	10
Lead	(Pb)	ND	5
Mercury	(Hg)	ND	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	30	10
Selenium	(Se)	ND	1
Silver	(Ag)	ND	5
Thallium	(Tl)	ND	5
Vanadium	(V)	26	10
Zinc	(Zn)	ND	20

mg/Kg = part per million (ppm)
QAQC Summary: Spike Recovery Range: 82%-107%
Duplicate RPD = < 9%

Richard Srna, Ph.D.

Laboratory Manager

Aqua Science Engineers, Inc.
2411 Old Crow Canyon Road #4,
San Ramon, CA 94583
(510) 820-9391 - FAX (510) 837-4853

Chain of Custody

PEL # 9303071 (1 of 2)
INV # 23487
DATE 3/26/93 PAGE 1 OF 2

SAMPLERS (SIGNATURE) (PHONE NO.) 820-9391

PROJECT NAME ALAMEDA MAX'S NO. 2607

ADDRESS 1357 HIGH STREET, ALAMEDA

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH: GASOLINE (EPA 5030/8015)	TPH: GASOLINE/BTEX (EPA 5030/8015-8020)	TPH: DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8020)	PURGABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NUETRALS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 E&F or B&F)	LUFT METALS (5) (EPA 6010+7000)	TITLE 22 (CAM 17) (EPA 6010+7000)	TCLP (EPA 1311/1310)	STLC- CAM WET (EPA 1311/1310)	REACTIVITY CORROSIVITY IGNITABILITY	Total Lead	8270
1	3/26	2pm	SOIL	1		X						X						X	
2		"		1		X						X						X	
3		"		1		X	X		X			X		X					X
4		"		1		X						X						X	
5		"		1		X						X						X	
6		"		1		X						X			per Steve			X	
7		"		1		X						X			Dethope			X	
S1		3pm		2		X						X			on 04/02/93			X	
S2		"		4		X	X		X			X		X	at 1:30 PM				X
S3		"		3		X			Per Mr.			X						X	
S4		"		3		X			Steve 4/5/93			X						X	

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY: 10:30 PM	RECEIVED BY LABORATORY:	COMMENTS:
(signature) 8am (time)	(signature) (time)	(signature) (time)	(signature) 8:00 Am (time)	S1, S2, S3 and S4 samples are to be composited. Please report data as labeled.
DAVE ALLEN 3/29 (printed name) (date)	(printed name) (date)	(printed name) (date)	DAVID DUONG 3/30/93 (printed name) (date)	
Company- ASE	Company-	Company-	Company- PEL	

Aqua Science Engineers, Inc.
2411 Old Crow Canyon Road, #4,
San Ramon, CA 94583
(510) 820-9391 - FAX (510) 837-4853

Chain of Cus

PEL # 9303071 (2 of 2)
INV # 23487
DATE 3/24/93 PAGE 2 OF 2

SAMPLERS (SIGNATURE) D. Allen (PHONE NO.) 820-9391

PROJECT NAME ALAMEDA MAX'S NO. 2607
ADDRESS 1357 HIGH STREET

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH- GASOLINE (EPA 5030/8015)	TPH- GASOLINE/BTEX (EPA 5030/8015-8020)	TPH- DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8020)	PURGABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NUETRALS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 E&F or B&F)	LUFT METALS (5) (EPA 6010+7000)	TITLE 22 (CAM 17) (EPA 6010+7000)	TCLP (EPA 1311/1310)	STLC- CAM WET (EPA 1311/1310)	REACTIVITY CORROSIVITY IGNITABILITY	LEAD				
W-1	3/24	3pm	H_2O	2		X												X				
S	"	"	SOIL	1		X												X				

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY LABORATORY:	COMMENTS:
D. Allen 8 am			David Duong 8:00 AM	
(signature) (time)	(signature) (time)	(signature) (time)	(signature) (time)	
DAVID ALLEN 3/24			DAVID DUONG 3/30/93	
(printed name) (date)	(printed name) (date)	(printed name) (date)	(printed name) (date)	
Company- ASE	Company-	Company-	Company- PEL	

APPENDIX B

HAZARDOUS WASTE MANIFESTS

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 Control
Sacramento, California

92284060

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

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000837024 | Manifest Document No. 84060 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
JIM PHILLIPSEN
1357 HIGH ST ALAMEDA CA 94501

State Manifest Document Number 92284060

4. Generator's Phone 510 523-8964

State Generator's ID

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

State Transporter's ID 3176

Transporter's Phone 510-223-1613

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

State Transporter's ID

Transporter's Phone

9. Designated Facility Name and Site Address
Erickson, Inc.
255 Parr Blvd.
Richmond, Ca. 94801
10. US EPA ID Number: CAD009466392

State Facility's ID

Facility's Phone (510) 235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste Number
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.	002	TP	10000	P	State 332 EPA/Other NONE
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
Qty. 2 Empty Storage Tank(s) 10794 - 10793
Tank(s) have been inerted with 15 lbs.
Dry Ice Per 1000 Gallon Capacity.

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

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.G.S.T.'s 24 Hr. Contact Name JIM PHILLIPSEN & Phone 510-523-8964

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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
STEVE Jeffre Agent for JIM PHILLIPSEN		03	26	93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY E. BROWN		03	26	93

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.

DTSC 8022A (12/91)
EPA 8700—22

Yellow: GENERATOR RETAINS

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 Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD000857024 | Manifest Document No. 84025 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

92284025

3. Generator's Name and Mailing Address: Jim Phillipson, 1357 High St. Alameda, CA 94501

4. Generator's Phone (510) 523-8964

5. Transporter 1 Company Name: Erickson Inc | 6. US EPA ID Number: CAD009466592 | State Transporter's ID: 307.174 | Transporter's Phone: (510) 235-1393

7. Transporter 2 Company Name | 8. US EPA ID Number | State Transporter's ID | Transporter's Phone

9. Designated Facility Name and Site Address: Erickson, Inc. 255 Parr Blvd. Richmond, Ca. 94801 | 10. US EPA ID Number: CAD009466392 | State Facility's ID | Facility's Phone: (510) 235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste Number
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.	003	T	6000	P	312
b.					
c.					
d.					

Dry. Ice Empty Storage Tank(s) 6000 Gallon Capacity. Tank(s) have been inerted with 1 lb. Dry Ice Per 1000 Gallon Capacity.

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.G.S.T.'s 24 Hr. Contact Name Jim Phillips, Phone (510) 523-8964

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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Printed/Typed Name	Signature	Month	Day	Year
Jim Phillipson		02	16	93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
PAUL C ROTE		02	26	93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR — TRANSPORTER — FACILITY

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

DTSC 8022A (12/91)
EPA 8700—22

Yellow: GENERATOR RETAINS

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. Form designed for use on elite (12-pitch typewriter).

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. / Manifest Document No.: [illegible]
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: Jim Phillipsen, 1357 High St, Alameda California 94501
4. Generator's Phone (510) 523-2064

A. State Manifest Document Number: 91041994
B. State Generator's ID: [illegible]

5. Transporter 1 Company Name: Waste Oil Recovery
6. US EPA ID Number: [illegible]
C. State Transporter's ID: 361033
D. Transporter's Phone: 510 5330750

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: Demeno Kerdoon, 2000 N Alameda, Compton Calif
10. US EPA ID Number: [illegible]
G. State Facility's ID:
H. Facility's Phone: (310) 537 7100

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Petroleum Oil N.O.S (Waste oils) Combustible Liquid NA 1270	[illegible]	TT	[illegible]	G	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: A.) Waste Oil + H2O (water)

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

15. Special Handling Instructions and Additional Information: ERG # 27; [illegible]; [illegible] 510 5330750

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: [illegible] for Jim Phillipsen | Signature: [signature] | Month Day Year: 03 25 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] | Signature: [signature] | Month Day Year: 03 25 93

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

19. Discrepancy Indication Space

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

GENERATOR / TRANSPORTER / FACILITY

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

91041994

DHS 8022 A
EPA 8700—22
(Rev. 6-89) Previous editions are obsolete.

Do Not Write Below This Line

YELLOW: GENERATOR RETAINS

APPENDIX C

PERMITS

HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 510/271-4320

3/17/93

Please refer to additions/changes in red ink

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 27th Street, Third Floor
Oakland, CA 94612
Telephone: (415) 874-7237

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your 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.

One copy of these 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 Inspection Department to determine if such changes meet the requirements of State and local laws.

Notify this Department at least 48 hours prior to the following required inspections:

_______ Removal of Tank and Piping

_______ Sampling

_______ Final Inspection

[illegible] dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE [illegible]

Fire Department [illegible] ground tanks, [illegible] must be met.

By 3-23-93 Date [signature]

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

1. Business Name ALAMEDA MAX'S

   Business Owner JIM PHILLIPSEN

2. Site Address 1357 HIGH STREET

   City ALAMEDA Zip 94501 Phone N/A

3. Mailing Address James A. Phillipsen Jr. ~~JIM PHILLIPSEN~~ 3111 MARINA DRIVE

   City ALAMEDA Zip 94501 Phone 523-8964

4. Land Owner JIM PHILLIPSEN

   Address 3111 MARINA DR. City, State ALAMEDA Zip 94501

5. Generator name under which tank will be manifested

   JIM PHILLIPSEN

   EPA I.D. No. under which tank will be manifested CAC 000 837024

rev 3/92

THIS CARD MUST BE POSTED ON THE PREMISES AND PLACED SO AS TO BE SEEN FROM THE STREET

City of Alameda

ELEC. PERMIT # ____
MECH. PERMIT # ____
PLBG. PERMIT # ____

DATE 3-23-93 VALUATION $ 6000 — BLDG. PERMIT # 93-0484

JOB 4 Underground tank removals
ADDRESS 1357 High St.
OWNER Philipson
CONTRACTOR Aqua Science
ROBERT L. WARNICK BY John Perry
BUILDING OFFICIAL

FORMS ____
REQUIRED BEFORE POURING CONCRETE

VAULT TOILET ____

PRELIMINARY GROUND PLUMBING ____

FINAL GROUND PLUMBING ____

ROUGH ELECTRIC ____

ROUGH PLUMBING ____

ROUGH HEATING & VENTILATING ____

SUB FLOOR ____

FRAME ____

INSULATION ____

INTERIOR LATH ____
REQUIRED BEFORE PLASTERING OR TAPING

EXTERIOR LATH ____
REQUIRED BEFORE STUCCO

DESIGN REVIEW ____

INSULATION CERTIFICATE ____

TRACT CONDITIONS ____

P.U.D. CONDITIONS ____

FINAL ELECTRIC ____

FINAL - FIRE DEPT. OK 3-26-93
Capt [illegible] McK[illegible]

FINAL PLUMBING ____

FINAL HEATING & VENTILATING ____

FINAL BUILDING ____

ABOVE APPROVALS REQUIRED BEFORE INTERIOR LATHING OR COVERING

DO NOT CALL FOR FINAL INSPECTION UNTIL OTHER ITEMS HAVE BEEN ISSUED

DO NOT OCCUPY STRUCTURE UNTIL CERTIFICATION OF OCCUPANCY HAS BEEN ISSUED.
FOR CERTIFICATE OF OCCUPANCY TO BE ISSUED, A COPY OF HARD CARD WITH ALL FINALS NEEDS TO BE FILED WITH THE CENTRAL PERMIT OFFICE.

REMARKS ____

FOR INSPECTIONS CALL 24 HOURS IN ADVANCE:
ELECTRICAL — 348-3995 OR 748-3996 (8:00-10:00 A.M.)
PLUMBING & MECHANICAL — 748-4563 (8:30-10:00 A.M.)

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

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

~~NOTIFICATION FORM~~
X Removal or Replacement of Tanks
___ Excavation of Contaminated Soil

SITE INFORMATION

SITE ADDRESS 1357 High St.
CITY, STATE Alameda Ca ZIP 94501
OWNER NAME Jim Phillipsen
SPECIFIC LOCATION OF PROJECT Corner lot

TANK REMOVAL
SCHEDULED STARTUP DATE 3-23-93
VAPORS REMOVED BY:
[✓] WATER WASH
[✓] ~~VAPOR~~ FREEING (CO^2)
[✓] VENTILATION

CONTAMINATED SOIL EXCAVATION
SCHEDULED STARTUP DATE ___
STOCKPILES WILL BE COVERED? YES ___ NO ___
ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):
___
(MAY REQUIRE PERMIT)

CONTRACTOR INFORMATION

NAME Aqua Science Engineers, Inc. CONTACT Steve De Hope
ADDRESS 2411 Old Crow Canyon Rd. PHONE (510) 820-9391
CITY, STATE, ZIP San Ramon Ca. 94583

CONSULTANT INFORMATION
(IF APPLICABLE)

NAME SAME AS ABOVE CONTACT ___
ADDRESS ___ PHONE ( ) ___
CITY, STATE, ZIP ___

FOR OFFICE USE ONLY

DATE RECEIVED FAX 3/18/93 BY Bly (init.)
DATE POSTMARKED ___ BY ___ (init.)
CC: INSPECTOR NO. 555 DATE 3/19/93 BY Bly (init.)
UPDATE: CONTACT NAME ___ DATE ___ BY ___ (init.)
BAAQMD N # ___ DATA ENTRY 3/19/93

1 91

• See reverse for instructions

Permit Application and Job Notification Form (Continued)

JOB NOTIFICATION

Specific jobsite location 1357 High ST
Alameda CA 94501
Nearest major cross street Van Buren St
City Alameda
County Alameda
Name and title of jobsite supervisor STEVE DeHope Construction Supervisor

Field phone (510) ~~510~~ 409-3526
Office phone (510) 820-9291
No. of employees 3
Starting date 3-24-93
Anticipated completion date 4-5-93
High Voltage Lines in Proximity: No X Yes ___

TYPE OF JOB

INSTRUCTIONS: THE APPROPRIATE ITEM(S) must be completed and signed by a person knowledgeable about the project and/or jobsite to be covered by a permit. Please fill in or check off blanks where appropriate.

Construction of: Building___ Structure___ Height ___ Basement ___ No. Stories ___
Type: Steel Frame__ Tiered__ Concrete__ Tilt-up __ Wood Frame __ Liftslab __ Precast __ Slip Form __
Job Description:___ [See 8CCR1709-30,38;Appendix, A Plate A-2-a&b]

Demolition of: Building ___ Structure ___ Height ___ No. of Stories ___
Steel Frame ___ Wood Frame ___ Concrete ___ Asbestos Involved: Yes ___ No ___
Method Used: Demolition Ball ___ Clam ___ Explosives ___ Loader/Tractors ___ Other___ [See 8CCR1734-37]

Scaffolding-Falsework-Vertical Shoring: Maximum Height ___ Maximum Span ___ Material ___
Job Description:___
(Metal > 125' or Wood > 60' requires design by California Civil Engineer, plans at site.) [See 8CCR1644(c)(7)]
Job Description:___

Tower Crane Erection/Dismantling: Make and model___
Capacity ___ Height ___ Date of Erection __/__/__ OverHead High Voltage? [Y/N]
Foundation and/or Support(s) for Crane Designed/Constructed by ___
Will crane be stepped or jumped? Yes ___ No ___ Estimated Date__/__/__ [See 8CCR4966]
Name of crane certifier___
Other ___

Trench/Excavation: Dimensions: Depth 10' Width 12' Length 20' Utilities? [Y/N]
Soil Analysis will be done Y ✓ N ___ Slope Excavation 1 1/2 to 1 Y ___ N ___
Name of Competent Person(s): STEVE DeHope
Protective System: Shoring ___ Sloping ✓ Trench Shield ___ Alternate ___
Job Description: Tank Removal

[Alternate Plan or excavation greater than 20 feet deep must be designed by Reg. Professional Engineer] [See 8CCR1540-47]

Fee ___
Paid ___
Approved ___
Conference ___
Other ___

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

Signature: [signature]
Title: Construction Supervisor
Date: 3/18/93

TO: STEVE

Permit Application and Job Notification Form

Construction Demolition Trenches Excavation Buildings Structures Falsework Scaffolding

State of California
Department of Industrial Relations
Division of Occupational Safety & Health

Concord District Office
Date: 3/18/93
PERMIT No. _____

Sections 6500, 6501 and 6502 of the California Labor Code require that certain activities which by their nature involve substantial risk of injury may not be performed without a permit issued by DOSH. The Labor Code requires that the applicant supply, and that the Division review, information necessary to evaluate the safety of the worksite subject to permit requirements. A permit will not be issued until evidence has been demonstrated that the place of employment will be safe and healthful.

"Applicant" refers to the employer applying for the Permit

Employer: Adva Science Engineers
Address: 2411 Old Crow Canyon Rd.
San Ramon, Ca 94583
Phone: (510) 820-9391

Project Safety Contact: David Allen
Employer's Representative: Steve DeHope
Title & Phone No: Supervisor (510) 820-9391
Employer's State Contractor's License No. 487000

Check Applicable Items:

"Applicant" refers to a knowledgeable person in a position of authority and responsibility for the activity to be covered by this permit.

Applicant is:
___ General Building Contractor
X General Engineering Contractor
___ Specialty Contractor
Specialty Contractor Type: Haz
___ Other: _____

___ General Contractor Option
Initial this blank if applicant elects to assume responsibility for obtaining a single permit to cover one multi-employer project, e.g., a high-rise construction project. The duties of employers at the site to obey safety and health laws are not changed by this section. A list of employers on site will be attached by the Division to this application and the list will be updated as necessary.

Type of Permit Sought:

___ Annual
___ Single Project
X Job Start Notification Only
___ Provisional Permit [PLAN CHECK ONLY]

___ Multiple Project. (If Projects to be covered are similar in all important aspects; work is performed by the same employer; and information concerning each project covered is provided.)

For:
___ Construction of: ___ Building ___ Structure
___ Demolition of: ___ Building ___ Structure
___ Scaffolding and/or Falsework and/or Vertical Shoring
___ Tower Crane Erection
X Trench and/or Excavation

Underground Services Alert # will call

(DIGALERT 1-800-642-2444) Northern CA
(DIGALERT 1-800-422-4133) Southern CA

Any permit based on this application is issued with the understanding that the applicant has knowledge of occupational safety and health orders applicable to the projects(s) described in this application and attachments, and that the applicant and supervising personnel will take special care to insure compliance with safety orders reviewed with the applicant by the Division in the application process.

Issuance of the permit is also conditional upon the following:

1) Upon initiation of any new project not described in this application, the holder of an annual permit will provide the Division with a completed Project Description Form describing the new project prior to the start of work, preferably at least one week in advance of start-up date. A phone call may be used to meet the deadline but will not be considered valid notice unless followed in writing by mailing a completed Project Description Form.

2) The applicant has implemented a written accident prevention program and Code of Safe Practices which meet the requirements of 8 California Administrative Code, 1509.

3) The Division will be notified of significant changes in information provided with this application if such changes might affect the safety of the activity.

4) The applicant understands that under the permit program, DOSH schedules routine inspections by authorized personnel for the purpose of verifying that holders of permits are meeting their obligation to provide a safe work place for their employees. The Division reserves the right to revoke a permit if it is unable to promptly verify compliance with the terms and conditions of the permit and its issuance.

5) The applicant understands that failure to comply with any of the above listed conditions for obtaining a permit could result in denial, suspension or revocation of the permit. Employers may appeal these actions to the Director of the Department of Industrial Relations (California Labor Code, Section 6500 et. seq., and 8 California Administrative Code, Section 341).

Is the applicant conducting any activities to be covered by this permit application in partnership or joint venture with any other persons or corporations conducting activities requiring permits? Yes ___ No ___
If "yes" give details: _____

Have any permits for any project to be covered by the permit application previously been applied for or obtained? Yes ___ No ___ If "yes," when _____ from what district office _____ in whose name _____

APPENDIX D

TANK RECYCLING CERTIFICATES

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 09701

CUSTOMER AQUA SCI

JOB NO. 81017

FOR: Erickson, Inc. TANK NO. 10788

LOCATION: Richmond DATE: 04/06/93 TIME: 10:06:03

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT LG

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."

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.

K Arita — DS

REPRESENTATIVE TITLE INSPECTOR

CP59

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 09702

CUSTOMER AQUA SCI

JOB NO. 81017

FOR: Erickson, Inc. TANK NO. 10789

LOCATION: Richmond DATE: 04/06/93 TIME: 10:06:03

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 100 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."

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.

K Alder — DS

REPRESENTATIVE TITLE INSPECTOR

CP599

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 09703

CUSTOMER	AQUA SCI
JOB NO.	81017

FOR: Erickson, Inc. TANK NO. 10790

LOCATION: Richmond DATE: 04/06/93 TIME: 10:06:03

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT UG

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

TANK SIZE 4000 Gallon Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9%

LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY."

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.

K Aida — RS

REPRESENTATIVE TITLE INSPECTOR

CP589

DAY OR NIGHT
TELEPHONE
•(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 09704

CUSTOMER AQUA SCI

JOB NO. 81017

FOR: Erickson, Inc. TANK NO. 10792

LOCATION: Richmond DATE: 04/06/93 TIME: 10:06:03

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT UG

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 6000 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."

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.

REPRESENTATIVE TITLE INSPECTOR

CP598

DAY OR NIGHT
• TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 09705

CUSTOMER	AQUA SCI
JOB NO.	81017

FOR: Erickson, Inc. TANK NO. 10793

LOCATION: Richmond DATE: 04/06/93 TIME: 10:06:03

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT UG

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 5000 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."

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.

K Avila — REPRESENTATIVE

TITLE

DS — INSPECTOR

CP5995

APPENDIX E

ACHCSA LETTER

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

April 14, 1993

Mr. James Phillipsen
3111 Marina Dr.
Alameda, CA 94501

STID 1702

Re: The concrete-filled underground storage tank at 1357 High St., Alameda, California

Dear Mr. Phillipsen,

Per a conversation between Mr. Steve DeHope, Aqua Sciences, and myself on April 13, 1993, it is acceptable to this office to leave the concrete-filled underground storage tank at the site, as it appears to have been properly closed in place.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

Juliet Shin
Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Steve DeHope
Aqua Science Engineers, Inc.
2411 Old Crow Canyon Rd., #4
San Ramon, CA 94583

Edgar Howell-File(JS)

APPENDIX F

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

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

EMERGENCY ☐ YES ☒ NO

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

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

SIGNED _____ DATE _____

REPORT DATE: 04 26 93 | CASE #:

REPORTED BY
NAME OF INDIVIDUAL FILING REPORT: STEVE DEHOPE | PHONE: (510) 820-9391 | SIGNATURE:
REPRESENTING ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____
COMPANY OR AGENCY NAME: AQUA SCIENCE ENGINEERS, INC.
ADDRESS: 2411 OLD CROW CANYON ROAD, #4 (STREET) | SAN RAMON (CITY) | CA (STATE) | 94583 (ZIP)

RESPONSIBLE PARTY
NAME: JAMES A. PHILLIPSEN ☐ UNKNOWN | CONTACT PERSON: JAMES A. PHILLIPSEN | PHONE: (510) 523-8964
ADDRESS: 3111 MARINA DRIVE (STREET) | ALAMEDA (CITY) | CA (STATE) | 94501 (ZIP)

SITE LOCATION
FACILITY NAME (IF APPLICABLE): FORMER ALAMEDA MAX"S | OPERATOR: JAMES A. PHILLIPSEN | PHONE: (510) 523-8964
ADDRESS: 1357 HIGH STREET (STREET) | ALAMEDA (CITY) | ALAMEDA (COUNTY) | 94501 (ZIP)
CROSS STREET: VAN BUREN

IMPLEMENTING AGENCIES
LOCAL AGENCY / AGENCY NAME: ALAMEDA COUNTY HEALTH CARE SERVICES | CONTACT PERSON: MS. JULIET SHIN | PHONE: (510) 271-4530
REGIONAL BOARD: RWQCB, SAN FRANCISCO BAY REGION | MR. RICHARD HIETT | PHONE: (510) 286-4359

SUBSTANCES INVOLVED
(1) NAME: ~~GASOLINE~~ GASOLINE | QUANTITY LOST (GALLONS): _____ ☒ UNKNOWN
(2) _____ ☐ UNKNOWN

DISCOVERY/ABATEMENT
DATE DISCOVERED: 03 26 93 | HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER _____
DATE DISCHARGE BEGAN: ☒ UNKNOWN
HAS DISCHARGE BEEN STOPPED ? ☒ YES ☐ NO IF YES, DATE 03 26 93
METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): ☒ REMOVE CONTENTS ☒ CLOSE TANK & REMOVE ☐ REPAIR PIPING ☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE ☐ REPLACE TANK ☐ OTHER _____

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

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

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

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

COMMENTS

HSC 05 (8/90)