



Environmental
Science &
Engineering, Inc.

April 23, 1993

Project No. 6-93-5026

Mr. Jim de Vos
Buildings Manager
Alameda County General Services Agency
4400 MacArthur Boulevard
Oakland, California 94619

SUBJECT: Fairmont Hospital, 15400 Foothill Blvd., San Leandro, California

Dear Mr. de Vos:

Environmental Science & Engineering, Inc. (ESE) is pleased to provide this closure report for underground storage tank (UST) ~~number 55115~~ formerly located at the subject facility. This report serves to document the legal removal and disposal of this UST. ESE presents this report in accordance with Alameda County Health Care Services Agency (HCSA) UST Closure Permit requirements. The following information is submitted in report of this tank closure.

ESE was authorized by the Alameda County General Services Agency (GSA) to effect the removal of this UST located at the subject facility (see Figure 1 - "Location Map") under Purchase Order No. 141-0-7910-00.

TANK HISTORY

~~GSA owned and operated one 500 gallon~~ (4' diameter, 6' long) ~~regular leaded~~ gasoline storage tank located near the Power Plant building (see Figure 2 - "Site Plan"). The regular leaded gasoline tank was of single wall carbon steel construction. This tank supplied a dispenser located on the sidewalk southwest of the tank. The tank is believed to have been installed in the 1940's.

TANK CLOSURE ACTIVITIES

1. Permits for this tank removal were procured by ESE from HCSA and Eden Consolidated Fire Protection District (ECFPD). Notification was made to the Bay Area Air Quality Management District (BAAQMD). A copy of the cover sheet of the HCSA permit, the ECFPD fire permit, and the BAAQMD notification form is attached.

Mr. Jim de Vos
April 23, 1993
Page 2

2. On Friday, March 26, 1993, approximately 350 gallons of regular leaded gasoline was evacuated from the tank by Erickson Environmental of Richmond, California. This waste fuel was transported to the Gibson Oil/Pilot Petroleum facility located at 475 Sea Port Boulevard, Redwood City, California, 94604, a state-licensed treatment, storage and disposal facility (TSDF). A copy of the disposal manifest is attached.
3. On Tuesday, March 30, 1993, a portion of the concrete pad over the tank was removed to facilitate excavation. Approximately 6 cubic yards of fill material was removed during the excavation of the tank. The soil was stockpiled on the concrete next to the excavation pit. The dispenser, and suction and vent piping were removed.
4. The tank internal atmosphere was rendered inert by the addition of 250 pounds of dry ice. In the presence of Rob Weston of HCSA and Inspector Doug Johnson of the ECFPD, the regular leaded gasoline tank was lifted from the excavation and loaded onto a flatbed truck. The tank was inspected and found to be intact with no visible holes observed. The tank was manifested as a hazardous waste and transported to Erickson Environmental of Richmond, California. A copy of the tank manifest and certificate of destruction indicating final acceptance and disposal, is attached.
5. The dimensions of the excavation pit from the tank were 6 feet by 11 feet by 5.5 feet in depth. The tank top was located 1.5 feet below ground surface. Soil within the excavation pit walls consisted of a poorly-graded crushed aggregate material.
6. One soil sample, sample identification (ID) S-1, was collected by ESE personnel from the center of the excavation pit as directed by HCSA representative (see Figure 3 - "Tank Plan"). This sample was collected at a depth of 6.4 feet below ground surface (approximately 1 foot below tank invert). Soil sample was collected utilizing a slide hammer fitted with a two-inch diameter brass ring. The sampler was driven into native soil until filled with soil. The brass sampling ring ends were covered with Teflon tape, plastic end caps and sealed with duct tape. An additional sample, ID S-2-SP, was taken from the soil stockpile as directed by the HCSA representative, with the sample being sealed in the same manner. These samples were placed in a cooler with ice and transported to McCampbell Analytical, a California Department of Health Services certified analytical laboratory, and analyzed by the following methods:
 - EPA Method 8015M for Total Petroleum Hydrocarbons (TPH) as Gasoline with Benzene, Toluene, Ethylbenzene, and Xylene (BTEX); and
 - EPA Method 7420 for Total Lead.

Mr. Jim de Vos
April 23, 1993
Page 3

Table 1 summarizes sample ID's, analytical methods, and analytical results. Copies of laboratory results and chain of custody documentation are attached.

8. On Wednesday, April 7, 1993, the excavation was backfilled and compacted with 6 cubic yards of imported aggregate base select fill and 6 cubic yards of clean native fill material obtained from other areas on the site.
9. Approximately 6 cubic yards of soil excavated from the tank pit remain stockpiled near the excavation.
10. It is our understanding that GSA will contact HCSA regarding the final disposition of the stockpiled soil.

ESE appreciates the opportunity to perform this scope of work. Please contact Steve Willcutts or Patrick Galvin at (510) 685-4053 with any questions regarding this project.

Sincerely,

ENVIRONMENTAL SCIENCE & ENGINEERING, INC.

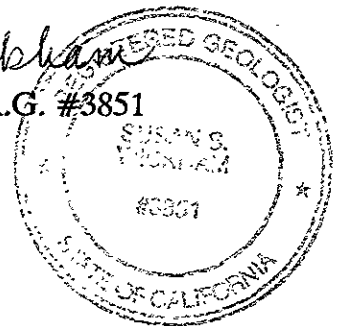
R. Stephen Willcutts

R. Stephen Willcutts
Senior Staff Engineer

RSW/SSW:cv

Figures (3)
Tables (1)
Attachments (4)

Susan Wickham
Susan Wickham, R.G. #3851
Senior Geologist



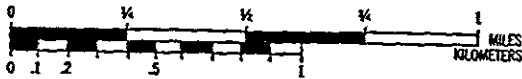
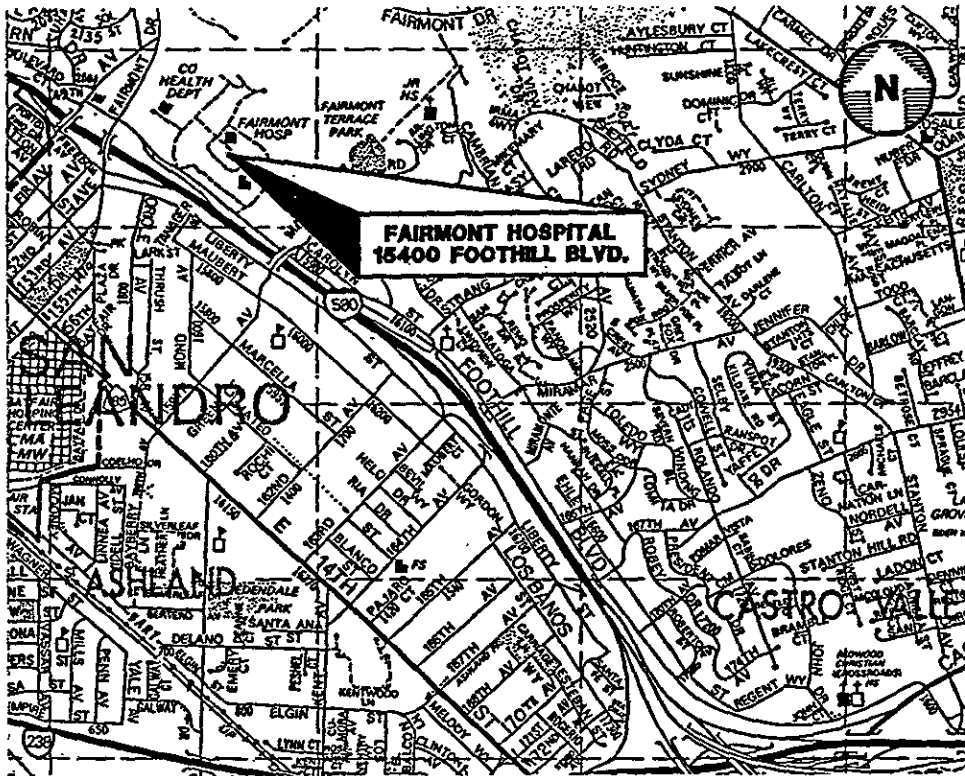
F:\... \6935026\closure.rpt

FIGURES

Figure 1 - Location Map

Figure 2 - Site Map

Figure 3 - Tank Plan



SCALE OF SINGLE MAP PAGES
1 INCH TO 2200 FEET



Environmental
Science &
Engineering, Inc.

4090 NELSON AVENUE, SUITE J
CONCORD, CA 94520

DATE
4/93

DRAWN BY
DWR

APPROVED BY

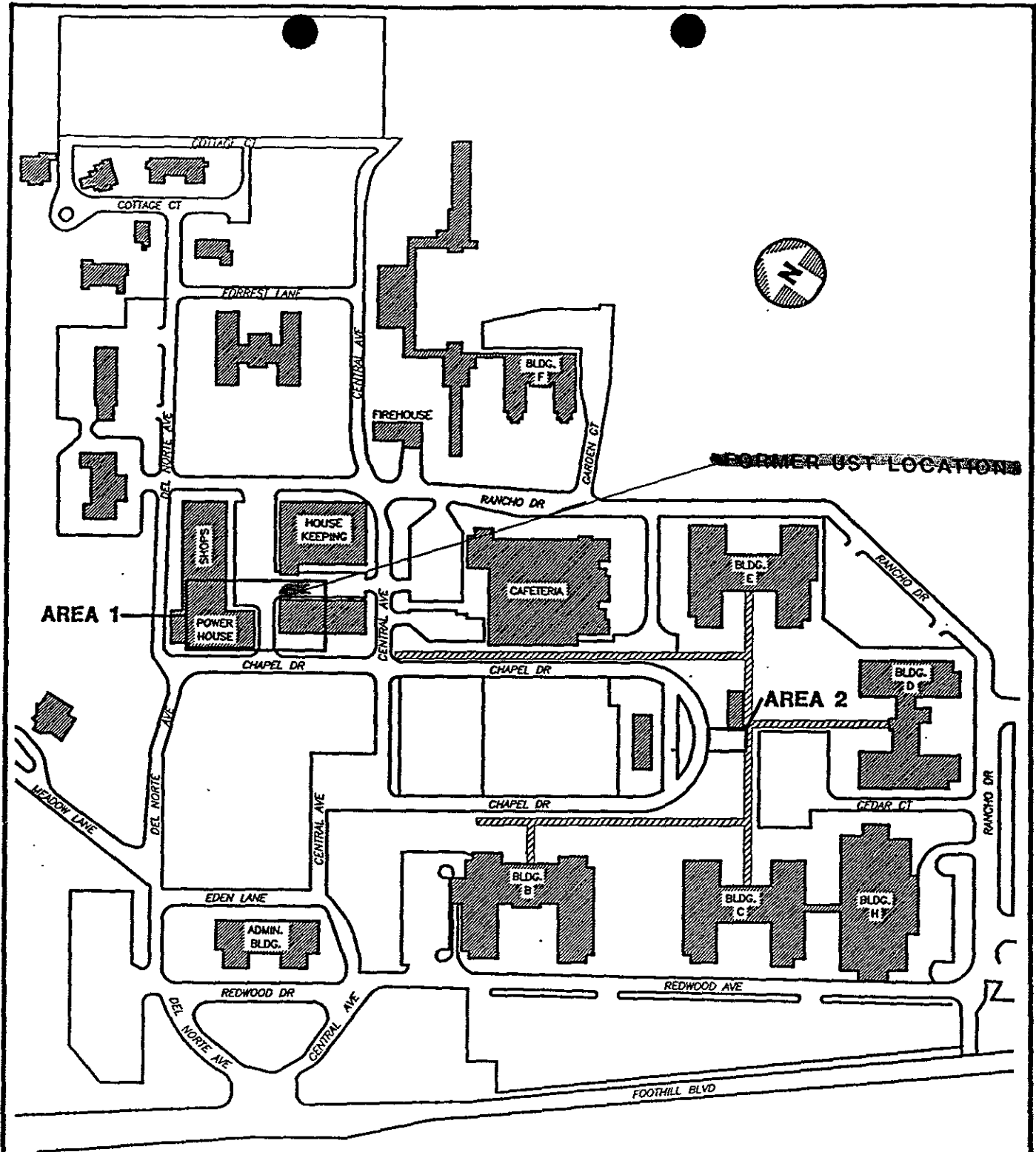
PROJ. NO.
6-93-5026

CAD FILE
50261001

REVISED

ALAMEDA COUNTY GSA
FAIRMONT HOSPITAL
SAN LEANDRO, CALIFORNIA

FIGURE 1
LOCATION MAP



SCALE: 1" = 200'



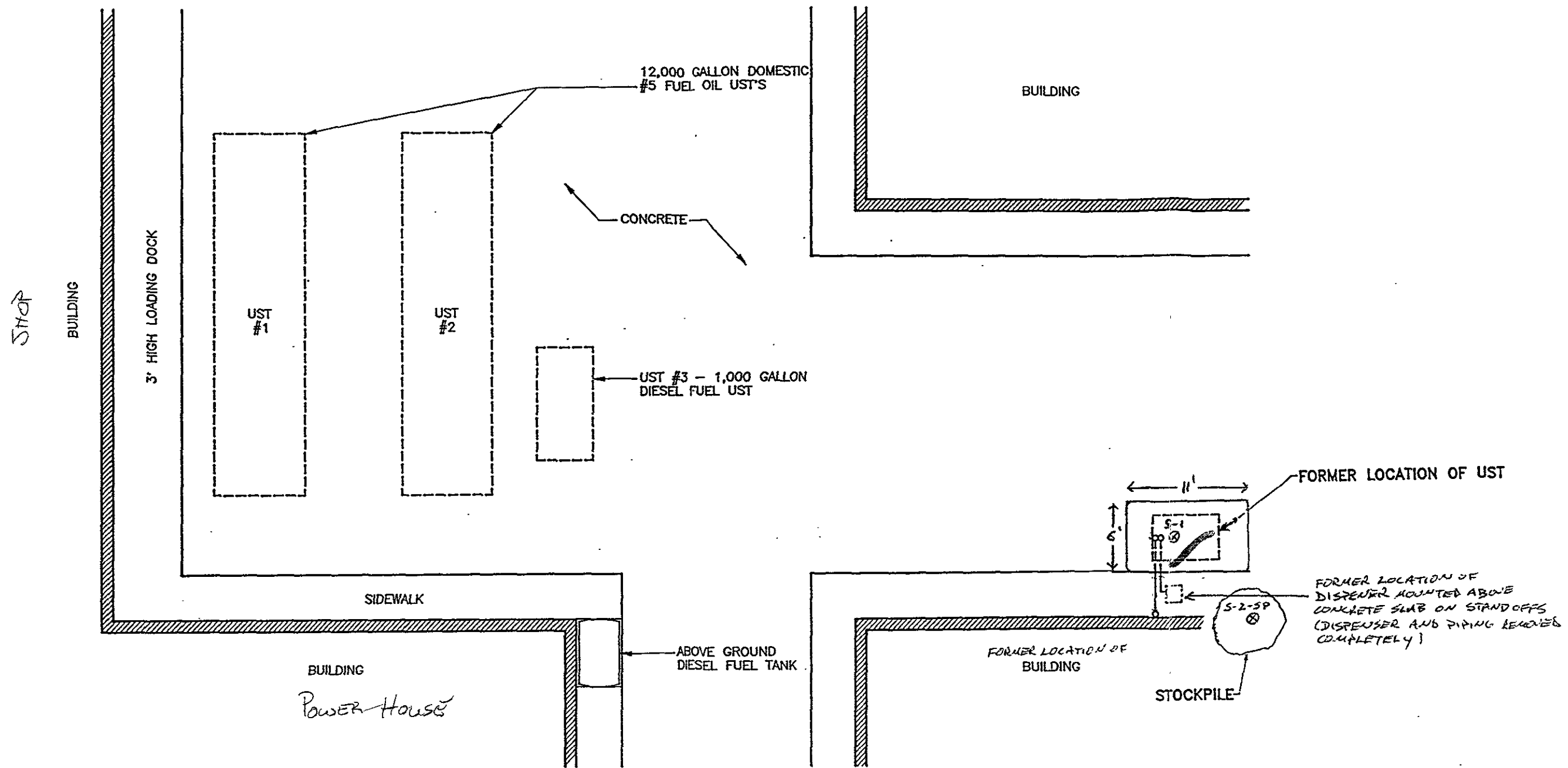
Environmental
Science &
Engineering, Inc.

4090 NELSON AVENUE, SUITE J
CONCORD, CA 94520

DATE 4/93	PROJ. NO. 6-93-5026
DRAWN BY DWR	CAD FILE 50261002
APPROVED BY	REVISED

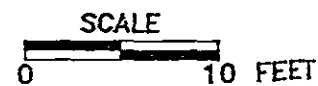
ALAMEDA COUNTY GSA
FAIRMONT HOSPITAL
SAN LEANDRO, CALIFORNIA


FIGURE 2
SITE MAP



LEGEND

- UST UNDERGROUND STORAGE TANK
- S-1 SOIL SAMPLE



	DATE 1/93	PROJ. NO. 93-C-036	ALAMEDA CTY. GSA - FAIRMONT HOSPITAL 15401 FOOTHILL BOULEVARD SAN LEANDRO, CALIFORNIA
	DRAWN BY CVS	CAD FILE C0361001	
4090 NELSON AVENUE, SUITE J CONCORD, CA 94520	APPROVED BY	REVISED	FIGURE 3 TANK PLAN

TABLE

Table 1 - Analytical Results: Soil Samples from Excavation Pit and Stockpile

TABLE 1
ANALYTICAL RESULTS
SOIL SAMPLES FROM EXCAVATION PIT AND STOCKPILE

SAMPLE ID	TVH AS GASOLINE (mg/Kg)	BENZENE ($\mu\text{g/Kg}$)	TOLUENE ($\mu\text{g/Kg}$)	ETHYL BENZENE ($\mu\text{g/Kg}$)	TOTAL XYLENES ($\mu\text{g/Kg}$)	TOTAL LEAD (mg/Kg)
S-1	ND	ND	ND	ND	ND	8.8
S-2-SP	ND	ND	0.009	ND	0.023	24

ATTACHMENTS

- **Permits**
- **Hazardous Waste Manifests/Certificates of Destruction**
- **Laboratory Reports**
- **Chain-of-Custody Documentation**

Project Specialist (print) ROBERT WESTON

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

ACCEPTED

Underground Storage Tank Closure Permit Application

Alameda County Division of Hazardous Materials

80 Swan Way, Suite 200,

Oakland, CA 94621

Telephone: (510) 271-4320

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to ensure compliance with State and Local laws. The project proposed herein is subject to the issuance of any required building permit.

One copy of the accepted plans shall be submitted to all contractors and trades involved with the project. Any changes or additions to the plans must be submitted to this Department and Building Inspections Department to determine if such changes meet the requirements of State and local laws.

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

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

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

*THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS

Contact Specialist

COMPLETE AND RETURN ENCLOSED
FORMS A + B, TO DOCUMENT
FOR STATE RECORDS
2/26/93

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

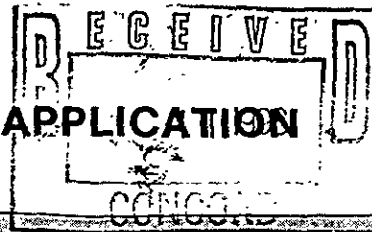
1. Business Name Fairmont Hospital
Business Owner Alameda County General Services Agency
2. Site Address 15400 Foothill Boulevard
City San Leandro Zip 94578 Phone (510) 667-4473
3. Mailing Address 15400 Foothill Boulevard
City San Leandro Zip 94578 Phone (510) 667-4473
4. Land Owner Alameda County General Services Agency
Address 4400 MacArthur Boulevard City, State Oakland, CA Zip 94619
5. Generator name under which tank will be manifested Alameda County General Services Agency
EPA I.D. No. under which tank will be manifested CAD 981429533



EDEN CONSOLIDATED

FIRE PROTECTION DISTRICT

427 PASEO GRANDE • SAN LORENZO, CALIFORNIA 94580
(415) 670-5853



FIRE PERMIT APPLICATION

INSTRUCTIONS

The Fire Code of Alameda County requires a Permit from the Fire Prevention Bureau be obtained by individuals or businesses engaged in operations listed on the reverse side of this application. Please complete this application as required and submit it to above address.

BUSINESS NAME Fairmont Hospital		BUSINESS PHONE NO. (510) 667-7473
BUSINESS ADDRESS 15400 Foothill Boulevard, San Leandro, CA		ZIP CODE 94578
MAILING ADDRESS 15400 Foothill Boulevard, San Leandro, CA		ZIP CODE 94578
OWNER OR AUTHORIZED REPRESENTATIVE Paul Hiller		

The above named Business/Individual hereby makes application for a Permit in accordance with applicable Codes and Ordinances for the following type of operation (refer to reverse side for appropriate category).

ENTER ITEM NUMBER - DESCRIPTION - FIRE CODE ARTICLE NO.

ITEM	DESCRIPTION	FIRE CODE ARTICLE NO.
	Flammable or combustible liquids and tanks	79

NOTE

Once issued, this Permit must be kept on the premises, and shall not take the place of any License required by law. Permits must be renewed on or before the expiration date, and shall not be transferable and any change in use, occupancy, operation, or ownership shall require a new Permit. Upon acceptance of a Permit, the Permittee agrees to comply with all Ordinance provisions now adopted or that may be hereafter adopted.

SIGNATURE OF APPLICANT <i>Subodh Chowdhry</i>	DATE 2/22/93
--	------------------------

Subodh Chowdhry, Facilities Manager, Hospital

DO NOT FILL IN BELOW - FOR FIRE DEPARTMENT USE ONLY

PERMIT NUMBER 93-512	EXPIRATION DATE 5-10-93	PERMIT APPROVED <input checked="" type="checkbox"/>	PERMIT DENIED <input type="checkbox"/>
COMMENTS: HE MP. NOTICE REQUIRED PRIOR TO RENEWAL FOLLOW UNDERGROUND TANK RENEWAL GUIDELINE			
PERMIT ISSUED BY <i>[Signature]</i>		DATE 2/22/93	

BAAQMD
Bay Area Air Quality
Management District

Acknowledgment

RECEIVED

MAR 17 1993

CONCORD

Bay Area Air Quality Management District
acknowledges receipt of your Tank
Removal/Contaminated Soil Excavation
Notification Form received on

3/15/93 Bly

A. Len



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-8000

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

NOTIFICATION FORM
 Removal or Replacement of Tanks
 Excavation of Contaminated Soil

SITE INFORMATION

SITE ADDRESS Fairmont Hospital, 15400 Foothill Blvd.
 CITY, STATE San Leandro CA ZIP 94578
 OWNER NAME Alameda County General Services Agency, Mr. Jim de Vos
 SPECIFIC LOCATION OF PROJECT See attached site map for tank location.

TANK REMOVAL

CONTAMINATED SOIL EXCAVATION

SCHEDULED STARTUP DATE 3/17/93
 VAPORS REMOVED BY:
 WATER WASH
 VAPOR FREEING (CO₂)
 VENTILATION

SCHEDULED STARTUP DATE _____
 STOCKPILES WILL BE COVERED? YES _____ NO _____
 ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):

 (MAY REQUIRE PERMIT)

CONTRACTOR INFORMATION

NAME Environmental Services Engineering, Inc. CONTACT R. Stephen Williams
 ADDRESS 4090 Nelson Ave. PHONE (510) 685-4053
 CITY, STATE, ZIP Concord, CA 94520

CONSULTANT INFORMATION (IF APPLICABLE)

NAME _____ CONTACT _____
 ADDRESS _____ PHONE () _____
 CITY, STATE, ZIP _____

FOR OFFICE USE ONLY

DATE RECEIVED FAX 3/15/93 BY RJ (init.)
 DATE POSTMARKED _____ BY _____ (init.)
 CC: INSPECTOR NO. 553 DATE 3/16/93 BY RJ (init.)
 UPDATE: CONTACT NAME _____ DATE _____ BY _____ (init.)
 BAAQMD N # _____ DATA ENTRY 3/16/93 (init.)

92284002
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550
 GENERATOR
 TRANSPORTER
 FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA1D918114291533	Manifest Document No. 81410012	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.								
3. Generator's Name and Mailing Address FAIRMONT HOSPITAL 15400 FOOTHILL BLVD			A. State Manifest Document Number 92284002										
4. Generator's Phone (510) 667-7975		5. Generator's Address SAN LEANDRO CA 94578		B. State Generator's ID HAH1913601265916									
5. Transporter 1 Company Name Erickson, Inc.		6. US EPA ID Number CA1D1010914616131912		C. State Transporter's ID 309152									
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (510) 235-1393									
9. Designated Facility Name and Site Address Gibson Oil/Pilot Petroleum 475 Sea Port Blvd. Redwood City, Ca. 94604			10. US EPA ID Number CA1D101431261071012		E. State Facility's ID (415) 368-5511								
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity		14. Unit Wt/Vol							
		No.		Type									
		a. RQ Hazardous Waste Liquids NOS ORM E NA9189 D018		01011		717		0103510 G					
		b.											
		c.											
d.													
Additional Descriptions for Waste (as used above) Hydrocarbon Wastewater With Water (99% Water, 1% Hydrocarbons)						F. Handling Codes (as Wastewater Above)							
15. Special Handling Instructions and Additional Information Gibson Oil Waste Stream Profile # ERG 31 24 Hr. Contact JAY CARPENTER 24 Hr. Phone# (510) 685-4053													
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 JAY CARPENTER		Signature <i>Jay Carpenter</i>		Month 13		Day 26		Year 1913					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Norwood Richmond		Signature <i>Norwood Richmond</i>		Month 03		Day 26		Year 1913					
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	

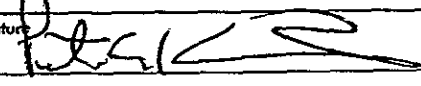
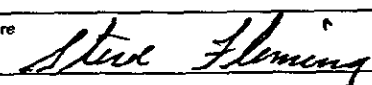
DO NOT WRITE BELOW THIS LINE.

80952

See Instructions on back of page 6.

80952

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAD9811429533	Manifest Document No. 840811	2. Page 1 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Alameda County General Services 4400 MacArthur Blvd Oakland CA 94619		92881071			
4. Generator's Phone () (510) 535 6280		HWAR 36-022396			
5. Transporter 1 Company Name Erickson, Inc.		307113			
6. US EPA ID Number CAD009466392		510-735-1393			
7. Transporter 2 Company Name					
8. US EPA ID Number					
9. Designated Facility Name and Site Address Erickson, Inc. 255 Parr Blvd Richmond, Ca 94801		CAD009466392			
10. US EPA ID Number		CA 1010191416131912			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity	14. Unit Wt/Vol
		No.	Type		
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid:		001	T P	500	P
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information Keep away from sources of ignition: Always wear hardhats when working around UoS-T's 24 Hr Contact Name Peter Kinney & Phone 477-2722 Facility = Fairmont Hospital, 15400 Foothill, S. Leandro		Empty Storage Tank (S) 10772 Tank (S) have been treated with 15 lbs Dry Ice per 1000 Gal Capacity			
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 Peter Kinney		Signature 		Month Day Year 03 30 93	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Steve Fleming		Signature 		Month Day Year 03 30 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 DAVID SATO		Signature DAVE SATO		Month Day Year 03 30 93	

DO NOT WRITE BELOW THIS LINE.

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE
CERTIFIED SERVICES COMPANY
255 Parr Boulevard • Richmond, California 94801

NO: 09830

CUSTOMER	ENVIRO SCI
JOB NO.	80952

Erickson, Inc. 10719

FOR: _____ TANK NO. _____

Richmond 01/02/93 14:23:56

LOCATION: _____ DATE: _____ TIME: _____

Visual Gastech/1314 SMPN UG

TEST METHOD _____ LAST PRODUCT _____

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.

500 Gallon Tank SAFE FOR FIRE

TANK SIZE _____ CONDITION _____

OXYGEN 20.9%

REMARKS: 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 permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

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

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

REPRESENTATIVE K. Aita TITLE _____ INSPECTOR B

McCAMPBELL ANALYTICAL INC.

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

03/31/93

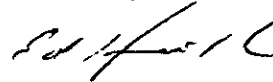
Dear Steve:

Enclosed are:

- 1). the results of 2 samples from your Alameda Co. GSA; Fairmora Hospital, San Leandro; #6935026 project,
- 2). a QC report for the above samples, and
- 3). a copy of the chain of custody.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,



Edward Hamilton

Lab Director of McCampbell Analytical

QC REPORT

Date: 03/25-03/30/93

Matrix: Soil

Analyte	Concentration (mg/kg)			Amount Spiked	% Recovery		
	Sample	MS	MSD		MS	MSD	RPD
TPH (gas)	0.000	2.190	2.147	2.03	108	106	2.0
Benzene	0.000	0.196	0.198	0.2	98	99	1.0
Toluene	0.000	0.200	0.204	0.2	100	102	2.0
Ethyl Benzene	0.000	0.198	0.202	0.2	99	101	2.0
Xylenes	0.000	0.584	0.600	0.6	97	100	2.7
TPH (diesel)	0	349	352	300	116	117	0.9
TRPH (oil & grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

April 2, 1993

ChromaLab File No.: 0393388

MCCAMPBELL ANALYTICAL, INC.

Attn: Ed Hamilton

RE: Two soil samples for Lead analysis

Project Name: AC/FH

Date Sampled: March 30, 1993

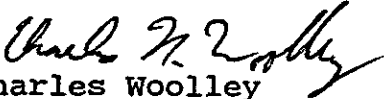
Date Submitted: March 31, 1993


Date Analyzed: April 1, 1993

RESULTS:

<u>Sample I.D.</u>	<u>Lead (mg/Kg)</u>
S-1	8.8
S-2-SP	24
BLANK	N.D.
DETECTION LIMIT	2.5
METHOD OF ANALYSIS	3050/7420

ChromaLab, Inc.


Charles Woolley
Analytical Chemist


Refaat Mankarious
Inorganics Supervisor


cc

DATE 3/30/93 PAGE 1 OF 1

CHAIN OF CUSTODY RECORD

PROJECT NAME Fairmont Hospital second unit
 ADDRESS 15400 Foothill Blvd.
San Leandro CA
 PROJECT NO. 6935C26
 SAMPLED BY Steve Wilkatts
 LAB NAME Mc Campbell Analytical

ANALYSES TO BE PERFORMED										MATRIX		
SAMPLE #	DATE	TIME	LOCATION	PH-G (6015A)	PbEX (9020)	Total Lead (-H)					MATRIX	CONTAINER NUMBER OF
S-2-SF	3/30/93	1440	Fairmont Hosp.	X	X	X					Soil	1



Environmental Science & Engineering, Inc.
 4090 Nelson Avenue Suite J Concord, CA 94520
 Phone (510) 685-4053 Fax (510) 685-5323

REMARKS (CONTAINER, SIZE, ETC.)

Brass Ring
 Brass Ring

No. 21975
 No. 21976

RELINQUISHED BY: (signature) 1. <u>[Signature]</u>	RECEIVED BY: (signature) <u>[Signature]</u>	date time 3-30-93 4:15	2	TOTAL NUMBER OF CONTAINERS
2.			REPORT RESULTS TO: <u>Steve Wilkatts</u>	SPECIAL SHIPMENT REQUIREMENTS <u>keep cool</u>
3.				
4.				
5.				

INSTRUCTIONS TO LABORATORY (handling, analyses, storage, etc.): <u>4/8/93 TAT</u>	ICE/° <input checked="" type="checkbox"/> GOOD CONDITION <input checked="" type="checkbox"/> HEAD SPACE ABSENT <input checked="" type="checkbox"/>	WAS <input checked="" type="checkbox"/> O & G MEMBER <input checked="" type="checkbox"/>	CHAIN OF CUSTODY SEALS REC'D GOOD CONDTN/COLD CONFORMS TO RECORD
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