



Environmental
Science &
Engineering, Inc.

93 AUG 13 PM 2:02

TO: Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

DATE: August 11, 1993

ATTN: Mr. Robert Weston

JOB NUMBER: 6-93-5061

SUBJECT: Alameda County Juvenile Hall, 2200 Fairmont Drive, San Leandro, California

WE ARE TRANSMITTING THE FOLLOWING:

On behalf of Alameda County GSA, we are pleased to transmit one copy of the tank closure report for the subject facility for you review.

325 gallon diesel

CC: Peter Kinney (transmittal only)

DIST:
LB
FILE
ORIGINATOR

ENVIRONMENTAL SCIENCE & ENGINEERING, INC.

BY Michael K. Foget
Michael K. Foget
Staff Engineer



Environmental
Science &
Engineering, Inc.

August 10, 1993

Project No. 6-93-5061

Mr. Peter Kinney
Building Management Division
Alameda County General Services Agency
4400 MacArthur Boulevard
Oakland, California 94619

SUBJECT: Juvenile Hall, 2200 Fairmont Drive, San Leandro, California.

Dear Mr. Kinney:

Environmental Science and Engineering, Inc. (ESE) is pleased to provide this closure report for underground storage tank (UST) number 9072-3, 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 support 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. 141-0-5848-00

TANK HISTORY

GSA owned and operated one 325 gallon (3-foot, 9-inch diameter, 4-foot long) diesel fuel storage tank located west of the generator room. The generator room is located in the basement of the Administration building (see Figure 2 - "Site Plan"). The single-wall, carbon steel tank fueled an emergency generator located in the generator room. Reportedly, the tank was installed in 1950.

TANK CLOSURE ACTIVITIES

1. Permits for this tank removal were procured by ESE from HCSA, Bay Area Air Quality Management District (AQMD), and Alameda County Fire Department (ACFD). Also, the State of California State Water Resources Control Board (WRCB) forms A and B were completed and submitted. A copy of the cover sheet for the HCSA permit, WRCB UST permit application forms A and B, AQMD

permit, and ACFD permit are attached.

2. On Friday, March 26, 1993, approximately 62 gallons of waste fuel was removed from the diesel tank by Erickson Environmental of Richmond, California. This volume can be confirmed by the 10-inches of waste fuel in the tank measured by ESE personnel prior to evacuation. Erickson Environmental erroneously reported 600 gallons of waste fuel being removed from the tank. This may have occurred when the driver, after completing the evacuation of the diesel fuel tank, misread the float gauge on the tanker truck. 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 Uniform Hazardous Waste Manifest is attached.
3. On Monday, July 19, 1993, approximately 37 cubic yards of soil was excavated to free the tank from the excavation (see Figure 3 "Tank Plan"). This soil was temporarily stockpiled near the excavation. Fill piping was completely removed from site. Product supply, return and vent piping were cut at the edge of the excavation. ESE observed that the product supply and return piping had been previously flushed and capped where they enter the generator room.
4. Upon completion of tank excavation, the tank internal atmosphere was rendered inert by the addition of 50 pounds of dry ice. In the presence of Mr. Rob Weston of HCSA and Inspector Nick Chimento of the ACFD, the diesel tank was lifted from the excavation and loaded onto a flatbed truck. The tank was inspected and found to have some corrosion and pitting at the north lower end of the tank. Several holes were also observed in the tank, with the average size being approximately 0.25-inches in diameter. The largest hole was 3-inches by 2-inches located on top of the south end of the tank. The tank was manifested as a hazardous waste, and transported to Erickson Environmental of Richmond, California, a state-licensed TSDF. A copy of the tank manifest and certificate of destruction indicating final acceptance and disposal, is attached.
5. The dimensions of the excavation were 8.5 feet by 9 feet by 13.5 feet in depth. The tank top was located 9.5 feet below ground surface. Soil within the excavation from the surface to 12 feet below grade consisted of a backfill material which was a light brown sandy silt with some gravel. Soil from 12 feet to 13.5 feet below grade consisted of a black highly plastic silty clay; soil underneath the tank invert at 13.5 feet below grade consisted of a blue gray silty sand. These sandy soils found at the bottom of the excavation had a strong diesel odor.
6. On completion of the tank removal, one soil sample, S-1, was collected by ESE personnel from the floor of the excavation as directed by the HCSA representative

(see Figure 3 for sampling location) at a depth of 15 feet below grade (approximately 1.5 feet below the center of the tank invert). The soil sample was collected from the hoe bucket with a 2-inch diameter brass ring. The ring was driven into native blue-grey silty sand until filled. The brass sampling ring ends were covered with Teflon tape, plastic end caps and sealed with duct tape. A field composite sample of three locations, designated S-2, was collected from the soil stockpile (approximately 37 cubic yards). All samples were collected under the direction of the HCSA representative with the samples being sealed in the same manner as stated above. These samples were placed in a cooler with ice and transported to McCampbell Analytical, Inc. a California Department of Health Services certified analytical laboratory. The samples were analyzed by the following methods:

- EPA Method 8015M for total petroleum hydrocarbons as diesel (TPH-d); and
 - EPA Method 8020 for benzene, toluene, ethylbenzene, and xylenes (BTEX).
7. Analysis of the soil sample, S-1, collected from the excavation indicated concentrations of TPH-d at 750 mg/Kg and BTEX as non-detectable (non-detection limit <0.025 mg/Kg). The analysis of the composite sample, S-2, from the soil stockpile indicated concentrations of TPH-d at 1,500 mg/Kg, and xylenes at 0.008 mg/Kg. Benzene, toluene and ethylbenzene were non-detectable. Copies of laboratory reports and chain of custody documentation are attached.
 8. After all soil samples were collected, the pit was excavated to a depth of 16-feet below grade in order to assess the extent of the diesel-impacted sandy soils. Due to the limitations of the excavation equipment the maximum depth of the excavation was limited to 16 feet. ESE personnel observed that the blue-gray silty sands at the bottom of the excavation had a diesel odor. Approximately 7 cubic yards of diesel-impacted sandy soils were excavated from the pit following soil sample collection. Diesel impacted sandy soils from the bottom of the excavation were segregated from the main stockpile, moved to the north-east end of the facility, and then covered with plastic sheeting. 7 cu yd
 9. For safety purposes, the excavation was then backfilled with the initial 37 cubic yards of soil excavated from the pit. Only the top five feet of backfill was compacted.

No further action has been taken at the subject facility. ESE recommends that a subsurface site investigation be conducted in order to determine the extent of diesel impacted soil.

Mr. Peter Kinney
August 10, 1993
Page 4

ESE appreciates the opportunity to perform this scope of work. Please contact Mike Foget at (510) 685-4053 with any questions regarding this project.

Sincerely,

ENVIRONMENTAL SCIENCE & ENGINEERING, INC.



Michael K. Foget
Staff Engineer



Susan S. Wickham, RG 3851
Senior Geologist

MKF:sf

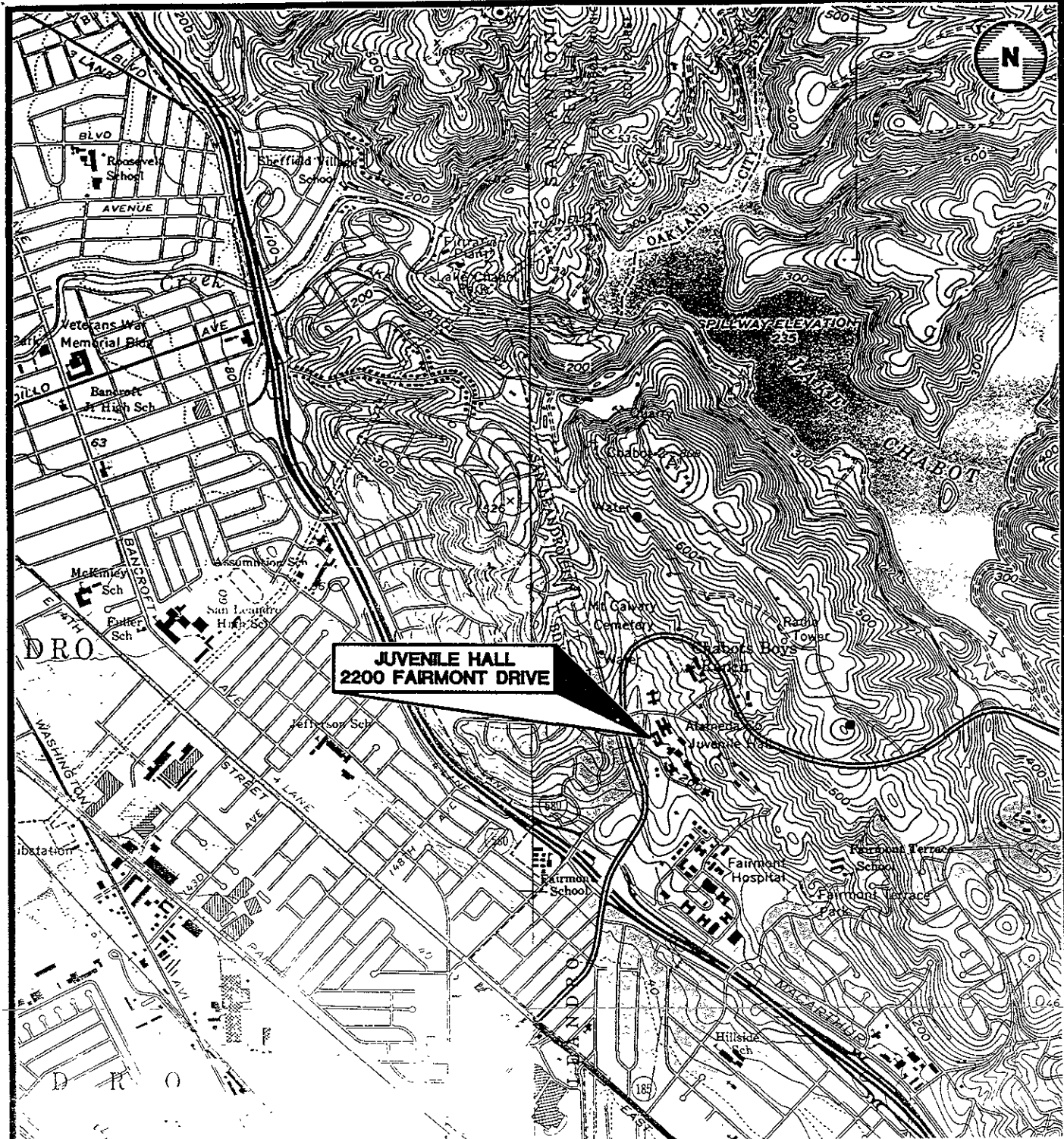
Attachments

F:\...\935061\CLS.RPT



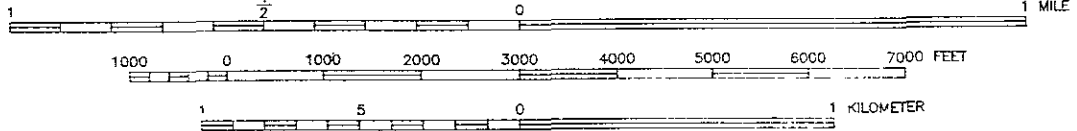
FIGURES

- Figure 1 - Location Map**
- Figure 2 - Site Map**
- Figure 3 - Tank Plan**



**JUVENILE HALL
2200 FAIRMONT DRIVE**

SCALE 1:24,000



ADAPTED FROM USGS HAYWARD AND SAN LEANDRO 7.5 MINUTE TOPOGRAPHIC QUADRANGLES, 1980.



**Environmental
Science &
Engineering, Inc.**

DATE
7/93

REVISED

CAD FILE
30011001

LOCATION MAP

FIGURE NO.

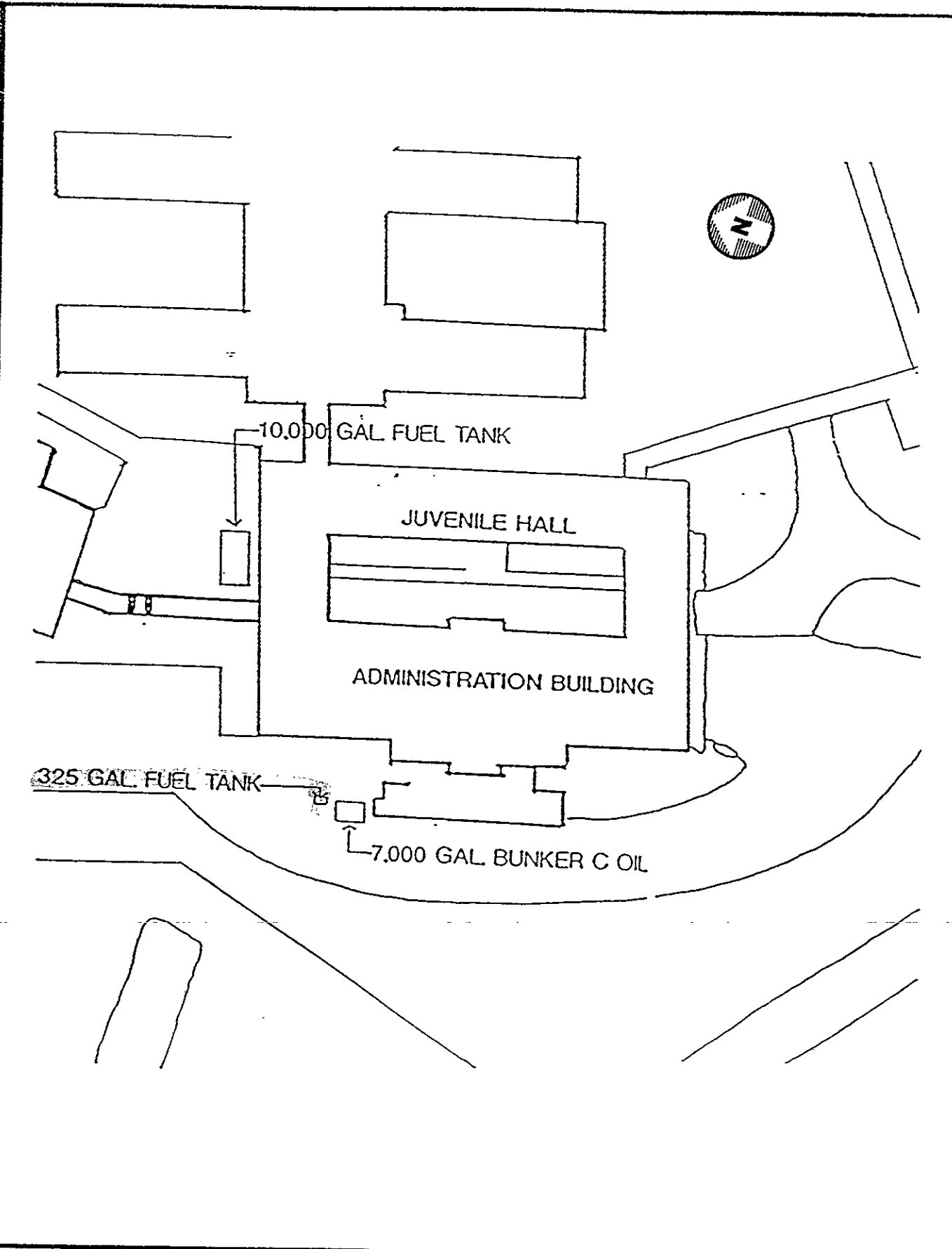
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4090 NELSON AVENUE, SUITE J
CONCORD, CA 94520

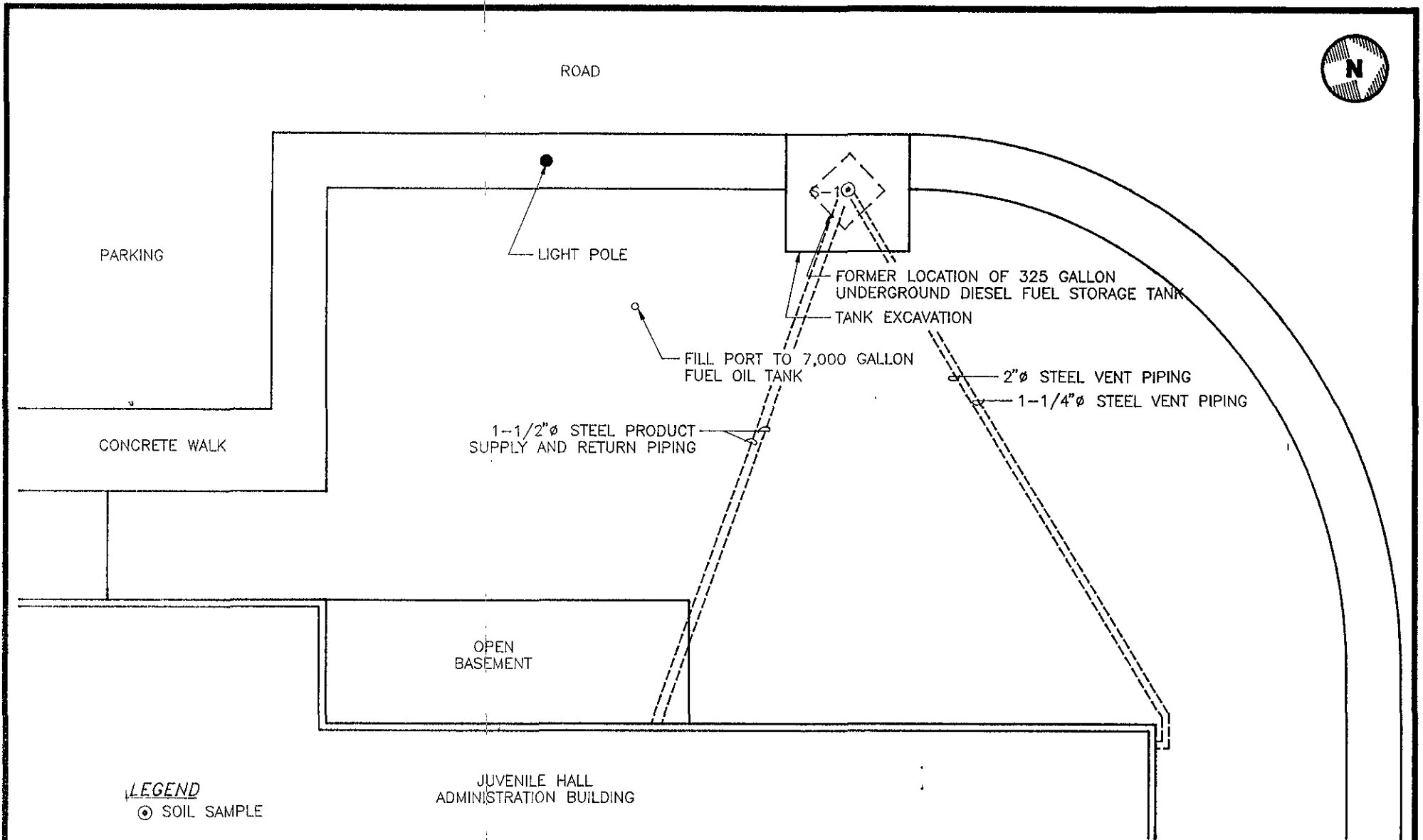
ALAMEDA COUNTY GENERAL SERVICES AGENCY
ALAMEDA COUNTY JUVENILE HALL

PROJ. NO.

6-50-17



 Environmental Science & Engineering, Inc. <small>A CILCORP Company</small>	DATE 7/93	SITE MAP	FIGURE NO. 2
	REVISED		PROJ NO. 6-93-5061
4090 NELSON AVENUE, SUITE J CONCORD, CA 94520	CAD FILE 50611002	ALAMEDA COUNTY GENERAL SERVICES AGENCY ALAMEDA COUNTY JUVENILE HALL SAN LEANDRO, CALIFORNIA	



LEGEND

⊙ SOIL SAMPLE

SCALE

0 10 FEET

JUVENILE HALL
ADMINISTRATION BUILDING



**Environmental
Science &
Engineering, Inc.**

4090 NELSON AVENUE, SUITE J
CONCORD, CA 94520

DATE
7/93

REVISED

CAD FILE
50611003

TANK PLAN

ALAMEDA COUNTY GENERAL SERVICES AGENCY
ALAMEDA COUNTY JUVENILE HALL
SAN LEANDRO, CALIFORNIA

FIGURE NO.

3

PROJ. NO.
6-93-5061

ATTACHMENTS

Permits

Hazardous Waste Manifests/Certificates of Destruction

Laboratory Results

Chain of Custody Documentation

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

Project Specialist (print) ROBERT WESTON

ACCEPTED

Underground Storage Tank Closure Permit Application

Alameda County Division of Hazardous Materials

80 Swan Way, Suite 200,

Oakland, CA 94621

Telephone: (510) 271-4820

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

One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal. Any change or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspectors Department to determine if such changes meet the requirements of State and local laws.

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

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

Issuance of a permit to operate, by permittee after 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 Specialists

INDICATE PERMITS

UNDERGROUND TANK CLOSURE PLAN

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

1. Business Name Juvenile Hall
 Business Owner Alameda County General Services Agency
 2. Site Address 2200 Fairmont Drive
 City San Leandro, CA Zip 94578 Phone (510) 535-6280
 3. Mailing Address 4400 MacArthur Boulevard
 City Oakland, CA Zip 94619 Phone (510) 535-6280
 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 CAC 000660272
 State No HYHQ 36-023057

6122001, 203

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A



COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input checked="" type="checkbox"/> 7 PERMANENTLY-CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

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

DBA OR FACILITY NAME ALAMEDA COUNTY GSA - JUVENILE HALL		NAME OF OPERATOR PHIL SMITH		
ADDRESS 2200 FAIRMONT DRIVE		NEAREST CROSS STREET	PARCEL # (OPTIONAL)	
CITY NAME SAN LEANDRO		STATE CA	ZIP CODE 94578	SITE PHONE # WITH AREA CODE (510) 667-4499
<input checked="" type="checkbox"/> BOX TO INDICATE <input type="checkbox"/> CORPORATION <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> LOCAL AGENCY DISTRICTS* <input checked="" type="checkbox"/> COUNTY AGENCY* <input type="checkbox"/> STATE AGENCY* <input type="checkbox"/> FEDERAL AGENCY*				
* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST _____				
TYPE OF BUSINESS		<input type="checkbox"/> 1 GAS STATION	<input type="checkbox"/> 2 DISTRIBUTOR	<input type="checkbox"/> 3 FARM
		<input type="checkbox"/> 4 PROCESSOR	<input checked="" type="checkbox"/> 5 OTHER	
		<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE 3	E. P. A. I. D. # (optional) CAC 000660272

EMERGENCY CONTACT PERSON (PRIMARY)

EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYS: NAME (LAST, FIRST) KINNEY, PETE	PHONE # WITH AREA CODE (510) 535-6280	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME ALAMEDA COUNTY GENERAL SERVICES AGENCY		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS 4400 MACARTHUR BLVD		<input checked="" type="checkbox"/> box to indicate <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> STATE AGENCY <input type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP <input checked="" type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> FEDERAL AGENCY		
CITY NAME OAKLAND		STATE CA	ZIP CODE 94619	PHONE # WITH AREA CODE (510) 535-6280

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER SAME AS PROPERTY OWNER		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS		<input checked="" type="checkbox"/> box to indicate <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> STATE AGENCY <input type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> FEDERAL AGENCY		
CITY NAME		STATE	ZIP CODE	PHONE # WITH AREA CODE

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

TY (TK) HQ **44-000324**

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

<input checked="" type="checkbox"/> box to indicate	<input checked="" type="checkbox"/> 1 SELF-INSURED	<input type="checkbox"/> 2 GUARANTEE	<input type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND
	<input type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 99 OTHER	

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

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

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

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

OWNER'S NAME (PRINTED & SIGNED) Peter Kinney	OWNER'S TITLE Env. Prog. Mgr	DATE MONTH/DAY/YEAR 6-16-93
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LOCAL AGENCY USE ONLY

COUNTY # <input type="text"/>	JURISDICTION # <input type="text"/>	FACILITY # <input type="text"/>
LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.
OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

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

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: ALAMEDA COUNTY GSA - JUVENILE HALL

I. TANK DESCRIPTION COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.# <u>9072-3</u>	B. MANUFACTURED BY: <u>UNKNOWN</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>1950</u>	D. TANK CAPACITY IN GALLONS: <u>325</u>

II. TANK CONTENTS FA-1 IS MARKED, COMPLETE ITEM C.

A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL <input type="checkbox"/> 4 OIL <input checked="" type="checkbox"/> 2 PETROLEUM <input type="checkbox"/> 80 EMPTY <input type="checkbox"/> 3 CHEMICAL PRODUCT <input type="checkbox"/> 95 UNKNOWN	B. <input checked="" type="checkbox"/> 1 PRODUCT <input type="checkbox"/> 2 WASTE	C. <input type="checkbox"/> 1a REGULAR UNLEADED <input type="checkbox"/> 1b PREMIUM UNLEADED <input type="checkbox"/> 2 LEADED <input checked="" type="checkbox"/> 3 DIESEL <input type="checkbox"/> 4 GASAHOL <input type="checkbox"/> 5 JET FUEL <input type="checkbox"/> 6 AVIATION GAS <input type="checkbox"/> 7 METHANOL <input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)
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D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED _____ C. A. S. #: _____

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

A. TYPE OF SYSTEM <input type="checkbox"/> 1 DOUBLE WALL <input checked="" type="checkbox"/> 2 SINGLE WALL <input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER <input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK) <input type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER	B. TANK MATERIAL (Primary Tank) <input checked="" type="checkbox"/> 1 BARE STEEL <input type="checkbox"/> 2 STAINLESS STEEL <input type="checkbox"/> 3 FIBERGLASS <input type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> 5 CONCRETE <input type="checkbox"/> 6 POLYVINYL CHLORIDE <input type="checkbox"/> 7 ALUMINUM <input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP <input type="checkbox"/> 9 BRONZE <input type="checkbox"/> 10 GALVANIZED STEEL <input type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER	C. INTERIOR LINING <input type="checkbox"/> 1 RUBBER LINED <input type="checkbox"/> 2 ALKYD LINING <input type="checkbox"/> 3 EPOXY LINING <input type="checkbox"/> 4 PHENOLIC LINING <input type="checkbox"/> 5 GLASS LINING <input type="checkbox"/> 6 UNLINED <input checked="" type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___
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D. CORROSION PROTECTION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC
 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER

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

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A <u>U</u> 1 SUCTION	A <u>U</u> 2 PRESSURE	A <u>U</u> 3 GRAVITY	A <u>U</u> 99 OTHER
B. CONSTRUCTION	A <u>U</u> 1 SINGLE WALL	A <u>U</u> 2 DOUBLE WALL	A <u>U</u> 3 LINED TRENCH	A <u>U</u> 95 UNKNOWN A <u>U</u> 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A <u>U</u> 1 BARE STEEL	A <u>U</u> 2 STAINLESS STEEL	A <u>U</u> 3 POLYVINYL CHLORIDE (PVC)	A <u>U</u> 4 FIBERGLASS PIPE
	A <u>U</u> 5 ALUMINUM	A <u>U</u> 6 CONCRETE	A <u>U</u> 7 STEEL W/ COATING	A <u>U</u> 8 100% METHANOL COMPATIBLE W/FRP
	A <u>U</u> 9 GALVANIZED STEEL	A <u>U</u> 10 CATHODIC PROTECTION	A <u>U</u> 95 UNKNOWN	A <u>U</u> 99 OTHER

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

V. TANK LEAK DETECTION

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

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>UNKNOWN</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>0</u> GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
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THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>Peter Kinney Peter K</u>	DATE <u>6-16-93</u>
--------------------------------------------------------------------	---------------------

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

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

PERMIT NUMBER _____ PERMIT APPROVED BY/DATE _____ PERMIT EXPIRATION DATE _____

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



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

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

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

NOTIFICATION FORM

Removal or Replacement of Tanks
 Excavation of Contaminated Soil

SITE INFORMATION

SITE ADDRESS <u>JUVENILE HALL 2200 FAIRMONT DRIVE</u>	
CITY, STATE <u>SAN LEANDRO, CA</u>	ZIP <u>94578</u>
OWNER NAME <u>ALAMEDA COUNTY GENERAL SERVICES AGENCY</u>	
SPECIFIC LOCATION OF PROJECT <u>JUVENILE HALL</u>	
<u>TANK REMOVAL</u>	<u>CONTAMINATED SOIL EXCAVATION</u>
SCHEDULED STARTUP DATE <u>7/19/93</u>	SCHEDULED STARTUP DATE _____
VAPORS REMOVED BY:	STOCKPILES WILL BE COVERED? YES ___ NO ___
<input type="checkbox"/> WATER WASH	ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):
<input checked="" type="checkbox"/> VAPOR FREEING (CO ²)	_____
<input type="checkbox"/> VENTILATION	(MAY REQUIRE PERMIT)

CONTRACTOR INFORMATION

NAME <u>ENVIRONMENTAL SCIENCE & ENGINEERING</u>	CONTACT <u>JAY CARPENTER</u>
ADDRESS <u>4090 NELSON AVE. STE J</u>	PHONE <u>(510) 685-4053</u>
CITY, STATE, ZIP <u>CONCORD, CA 94520</u>	

CONSULTANT INFORMATION

(IF APPLICABLE)

NAME <u>ENVIRONMENTAL SCIENCE & ENGINEERING</u>	CONTACT MIKE FOGEL <u>MIKE FOGEL</u>
ADDRESS <u>4090 NELSON AVE. STE J</u>	PHONE <u>(510) 685-4053</u>
CITY, STATE, ZIP <u>CONCORD, CA 94520</u>	

FOR OFFICE USE ONLY

DATE RECEIVED FAX _____	BY _____	(init.)
DATE POSTMARKED _____	BY _____	(init.)
CC: INSPECTOR NO. _____	DATE _____	BY _____
UPDATE: CONTACT NAME _____	DATE _____	BY _____
BAAQMD N # _____	DATA ENTRY _____	(init.)

ALAMEDA COUNTY FIRE DEPARTMENT

APPLICATION # E930712-41

FIRE DEPARTMENT/PLANS APPLICATION

FIRE MARSHAL'S OFFICE
1426 164th Avenue
San Leandro, CA 94578
510-670-5853 • FAX 510-276-5915

APPLICATION TYPE: Permit DATE REC'D: 7-12-93 BY: [Signature]
CATEGORY: 8 UST Renewal

► PROJECT INFORMATION

PROJECT ADDRESS: 2200 FAIRMONT DRIVE CROSS STREET: FOOTHILL BLVD
CITY: SAN LEANDRO ZIP: 94578 JOB PHONE: (510) 535-6280
APN #: _____ SDR #: _____ PM/TRACT MAP #: _____

DESCRIPTION OF WORK/ACTIVITY:
REMOVAL OF 325 GALLON UST BUILDING PERMIT #: _____

► APPLICANT

NAME: JAY CARPENTER PHONE # (H): (510) 676-5131 (W): (510) 685-4053
ADDRESS: 3219 ESPERANZA DR, CONCORD, CA 94519 ZIP: 94519

► OWNER

NAME: ALAMEDA CO. GENERAL SERVICE AGENCY PHONE # (H): _____ (W): (510) 535-6280
ADDRESS: 4400 MAC ARTHUR BLVD, OAKLAND, CA ZIP: 94619

► CONTRACTOR

NAME: ENVIRONMENTAL SERVICE & INC, INC. PHONE # (H): _____ (W): (510) 685-4053
ADDRESS: 4090 ALBERNI AVE STE J, CONCORD, CA ZIP: 94520
CONTRACTOR'S LICENSE TYPE & NUMBER: 658022 GENERAL A 11A7

► = APPLICANT TO FILL IN THESE SECTIONS

APPLICANT'S SIGNATURE: [Signature] DATE: 7/12/93

FOR OFFICE ONLY

FEES

Fees are due and payable by check or money order, made out to Alameda County Fire Department, upon submittal of plans and application. If additional fees are required, such shall be paid prior to issuance of a Certificate of Occupancy, project final, or a Fire Permit.

BASE FEE REQUIRED: \$ REC'D BY: [Signature] DATE: 7 12 93
CONSULTANT'S FEE: \$ _____ REC'D BY: _____ DATE: _____
ADDITIONAL FEES: \$ _____ REC'D BY: _____ DATE: _____

APPROVALS

FIRE PERMIT #: _____ ISSUED DATE: _____ EXPIRATION DATE: _____
PERMIT ISSUED BY: _____ DATE: _____ FEE: _____
APPLICATION/PLANS APPROVAL: _____ BY: _____ DATE: _____

**UNIFORM HAZARDOUS
 WASTE MANIFEST**

Generator's US EPA ID No. 01034 Manifest Document No. 286671

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

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

3. Generator's Name and Mailing Address

JUVENILE HELL

4. Generator's Phone

(510) 467-1111

5. Transporter 1 Company Name

Erickson, Inc.

7. Transporter 2 Company Name

9. Designated Facility Name and Site Address

Gibson Oil/Pilot Petroleum
 475 Sea Port Blvd.
 Redwood City, Ca. 94064

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

RQ Hazardous Waste Liquids NOS ORM E
 NA9189 D018

12. Containers

No. 9 Type 11

13. Total Quantity

60610 LBS

14. Unit Wt/Vol

Q

15. Special Handling Instructions and Additional Information

Gibson Oil Waste Stream Profile # ERG 31
 24 Hr. Contact [Signature] 24 Hr. Phone # [Number]

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]

Signature

[Signature]

Month Day Year

03 26 93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

[Signature]

Signature

[Signature]

Month Day Year

03 26 93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

03 26 93

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

JIM VERWEYST

Signature

[Signature]

Month Day Year

03 26 93

DO NOT WRITE BELOW THIS LINE.

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

93231240

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

GENERATOR FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA101010616107712		Manifest Document No. 511 10 1910		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address						A. State Manifest Document Number 93231240					
4. Generator's Phone (916) 510-5000						B. State Generator's ID					
5. Transporter 1 Company Name Erickson Inc.			6. US EPA ID Number CA101010616107712			C. State Transporter's ID 402962					
7. Transporter 2 Company Name						D. Transporter's Phone (510) 255-1393					
9. Designated Facility Name and Site Address Erickson, Inc. 255 Parr Blvd. Richmond, Ca. 94801						E. State Transporter's ID					
10. US EPA ID Number 101010616107712						F. Facility's Phone					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol	
a. Waste Empty Storage Tank and associated Piping NON-RCRA Hazardous Waste Solid.						No. Type		Quantity		Waste Number	
						001 T/P		20 550		P	
b.											
c.											
d.											
15. Additional Descriptions for Materials Listed Above Qty 01 Empty Storage Tank(s) 11671 Tank(s) have been inerted with 15 lbs. Dry Ice Per 1000 Gallon Capacity						K. Handling Codes for Wastes Listed Above					
15. Special Handling Instructions and Additional Information Keep away from sources of ignition. Always wear hardhats when working around P.C.S.T.'s 24 Hr. Contact Name Paul Conroy Phone 510-535-6280											
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			
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature				Month Day Year			
Printed/Typed Name ALBERTO DAVID				Signature Alberto David				7/21/91			
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature				Month Day Year			
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				Signature				Month Day Year			
Printed/Typed Name				Signature				Month Day Year			

DO NOT WRITE BELOW THIS LINE.

255 Parr Blvd.
 Richmond, CA 94801
 (510) 235-1393
 Fax (510) 235-3709

ERICKSON

Contractor Lic. No. 168067

13738 Slover Ave.
 Fontana, CA 92335
 (909) 355-5601
 Fax (909) 355-5912

DRIVER/SUPERVISOR NAME: A. DAVIS		EMPLOYEE #: 20570	JOB #: 82161 DS
JOB TYPE: (BID, T & M, DEGAS, TANKS, ENVIRONMENTAL, OTHER)		JOB STATUS: (JOB START, JOB IN-PROGRESS, JOB CLOSED)	
DATE: 7/14/93	DAY (M, T, W, TH, F, SAT, SUN)	P.O./CONTRACT #	CONTRACT BEL #
CUSTOMER #	POWER # 1-922	TRAILER # 3521	
CUSTOMER NAME: ENVIRONMENTAL SCIENCE & ENGINEERING			
ON-SITE ADDRESS: Alameda County Juvenile Hall 2200 Fairmont Drive, San Leandro			
CONTACT: Jay Carpenter		PHONE: 1400 ONSITE	
JOB/DRIVER INSTRUCTIONS: Truck 1-325 Diesel Steel			
EQUIPMENT/MATERIAL USED			
WASTE MATERIAL		QUANTITY	HW MANIFEST #
DISPOSAL SITE		DATE & APPOINTMENT TIME	PROFILE # / W.S. #
COMMENTS (WORK PERFORMED, JOB DELAYS)			
LEFT YARD	ARRIVE JOBSITE 1:10	START LOADING 2:10	FINISH LOADING
ARRIVE DISPOSAL SITE	START UNLOAD	FINISH UNLOAD	LEAVE DISPOSAL SITE
CUSTOMER ACKNOWLEDGES WORK PERFORMED / CHANGE ORDER		LEAVE JOBSITE 3:10 RETURNED TO YARD	
CUSTOMER'S SIGNATURE X [Signature]	DATE 7/14/93	EMPLOYEE SIGNATURE X Alfred Davis	

ADDITIONAL INFORMATION				EXTRAS	
97200	SUBSTANCE	@ \$			
99152	WASHOUT	@ \$		VACTOR HOSE	FEET
99218	BRIDGE FEE	@ \$		DISCHARGE HOSE (VACUUM)	HOURS
99218	BRIDGE FEE	@ \$		WATER HOSE	
90090	DRY ICE	@ \$	LBS.		
2010	55 GALLON DRUMS	@ \$	EA.		
2012	OVERPACK DRUMS	@ \$	EA.		
2014	DRUM LINERS	@ \$	EA.		
2015	RIVET BUSTER	@ \$	EA.		
99260	NEUTRALIZATION CHARGE				
83010	PICK-UP		HOURS		
RESPIRATORY & PROTECTIVE GEAR				CREW NAMES	
83060	FRESH AIR GEAR		HOURS		
85110	HALF MASK CARTRIDGE RESPIRATOR		DAYS		
85115	FULL FACE CARTRIDGE RESPIRATOR		DAYS		
85132	SELF-CONT. STANDBY AIR PACK		DAYS		
NON-OPERATED EQUIPMENT				ADDITIONAL CHARGES/CHANGE ORDER	
2016	BOX LINER		EA.		
2008	VISQUEEN		EA.		
83100	MEDIUM DUTY RUBBER GEAR		SETS		
85010	TYVEK COVERALLS		SETS		
85104	COMBUSTIBLE FUME & OXY ANALYZER		DAYS		
28500	DEGASSER		HOURS		
79011	HOT WATER BLASTER		HOURS		
77110	AIR COMPRESSOR				
				RENTAL EQUIPMENT & MATERIALS	

DATE OF ISSUE
TELEPHONE
(510) 235-1393

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

NO. 17028

CUSTOMER
ENVIRO SCI
JOB NO. 82161

FOR: Erickson, Inc. TANK NO. 11677

LOCATION: Richmond DATE: 07/23/93 TIME: 09:13:25

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT D

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

TANK SIZE 330 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 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 than 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

McCAMPBELL ANALYTICAL INC.

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

Environmental Science & Eng. 4090 Nelson Avenue, Suite J Concord, CA 94520	Client Project ID: # 6935061; A.C. GSA Juvenile Hall, San Leandro	Date Sampled: 07/19/93
	Client Contact: Mike Foget	Date Received: 07/20/93
	Client P.O:	Date Extracted: 07/21/93
		Date Analyzed: 07/21/93

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

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

Lab ID	Client ID	Matrix	TPH(d) ⁺	% Recovery Surrogate
31369	S-1	S	750,a	99
31370	S-2	S	1500,a	98
Detection Limit unless otherwise stated: ND means Not Detected	W		50 ug/L	
	S		10 mg/kg	

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

cluttered chromatogram; surrogate and sample peaks co-elute or surrogate peak is on elevated baseline

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) modified diesel?; light(CL) or heavy(CH) diesel compounds are significant; d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel(?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible phase is present.

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

Environmental Science & Eng. 4090 Nelson Avenue, Suite J Concord, CA 94520	Client Project ID: # 6935061; A.C. GSA Juvenile Hall, San Leandro	Date Sampled: 07/19/93
	Client Contact: Mike Foget	Date Received: 07/20/93
	Client P.O:	Date Extracted: 07/20/93
		Date Analyzed: 07/20-07/21/93

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with BTEX*
EPA methods 8030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

*pit
stockpile*

Lab ID	Client ID	Matrix	TPH(g) ⁺	Benzene	Toluene	Ethylbenzene	Xylenes	% Rec. Surrogate
31369	S-1	S	--	ND< 0.025	ND< 0.025	ND< 0.025	ND< 0.025	100
31370	S-2	S	--	ND< 0.025	ND< 0.025	ND< 0.025	0.008	102
Detection Limit unless otherwise stated; ND means Not Detected	W	50 ug/L		0.5	0.5	0.5	0.5	
	S	1.0 mg/kg		0.005	0.005	0.005	0.005	

*water samples are reported in ug/L, soil samples in mg/kg, and all TCLP extracts in mg/L
 # cluttered chromatogram; sample peak co-elutes with surrogate peak
 † The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds are significant; no recognizable pattern; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible phase is present.

CHAIN OF CUSTODY RECORD

455519

DATE 7/20/93 PAGE 1 OF 1

PROJECT NAME A.C.G.S.A. Jvinick Mall

ADDRESS 2200 Fairmont dr
San Leandro

PROJECT NO. 6935061

SAMPLED BY M. Foyet

LAB NAME Mc Campbell Analytical



Environmental Science & Engineering, Inc.

841 Nelson Avenue
Suite 1
Concord, CA 94521

Phone (510) 685-4053
Fax (510) 685-5323

	ANALYSES TO BE PERFORMED										MATRIX	CONTAINERS	REMARKS (CONTAINER, SIZE, ETC.)
	TPH	Diesel									MATRIX		
S-1	X	X									Soil	1	6" Brass lined
S-2	X	X									Soil	1	6" Brass lined
31369													
31370													

RELINQUISHED BY: (signature)

1. M. Foyet

RECEIVED BY: (signature)

[Signature]

date time

7/20/93 8:43

7/20/93 9:45

TOTAL NUMBER OF CONTAINERS

REPORT RESULTS TO:

SPECIAL SHIPMENT REQUIREMENTS

6:11 to 6:58

SAMPLE RECEIPT

CHAIN OF CUSTODY SEALS

REC'D GOOD CONDTN/COLD

CONFORMS TO RECORD

INSTRUCTIONS TO LABORATORY (handling, analyses, storage, etc.):