

**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
ENVIRONMENTAL PROTECTION DIVISION  
PH. (510) 567-6700**

**CONSOLIDATED UNDERGROUND TANK MANAGEMENT PLAN**

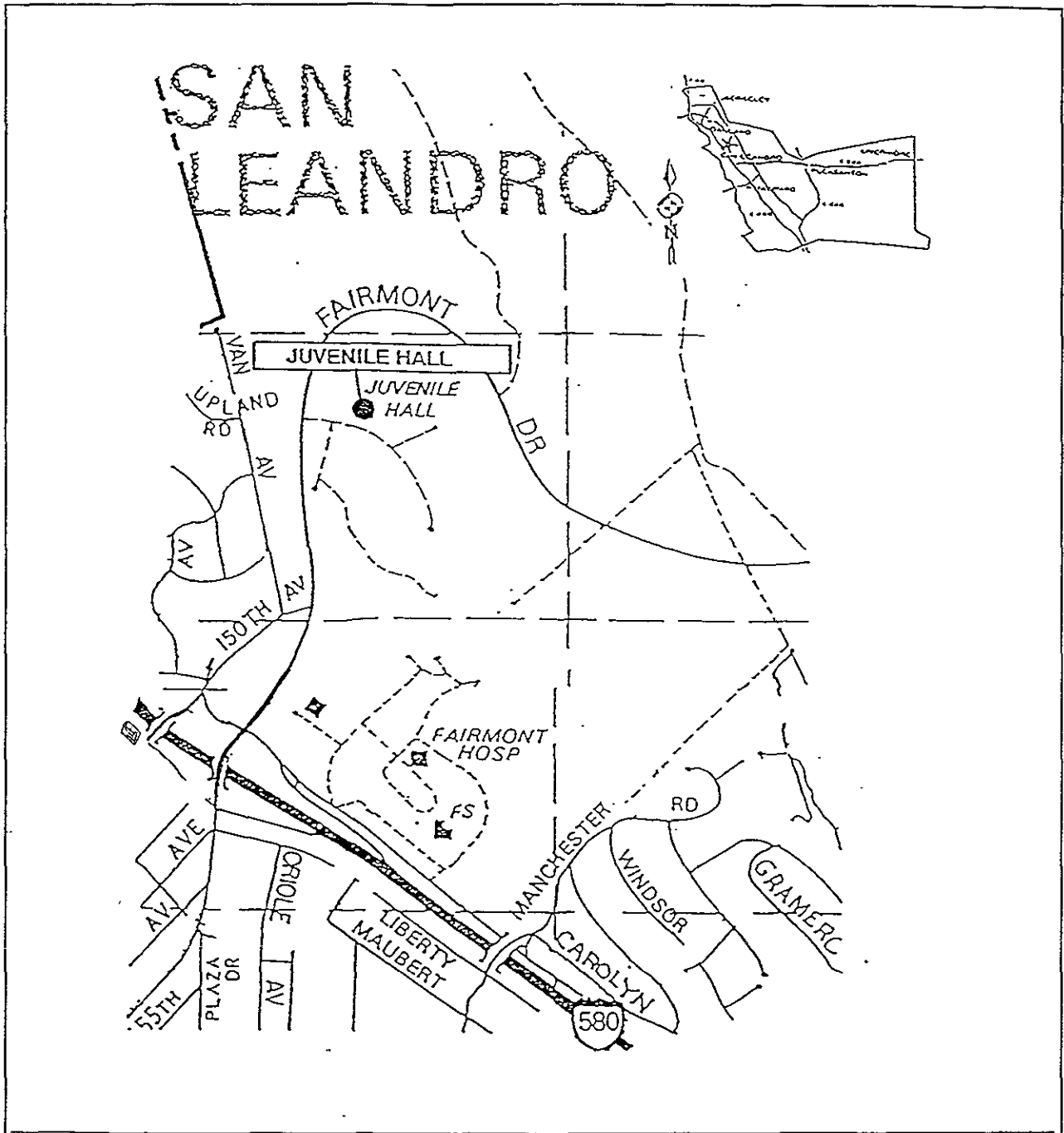
**Juvenile Hall  
Building No. 9072  
2200 Fairmont Drive  
San Leandro, CA 94578**

This questionnaire provides supplemental information for the underground tank application forms A and B as required by Article 10, Title 23 of the California Code of Regulations. In order to meet the requirements for issuance of a five year permit to operate a tank, you are required to submit the following information:

Check sections as completed

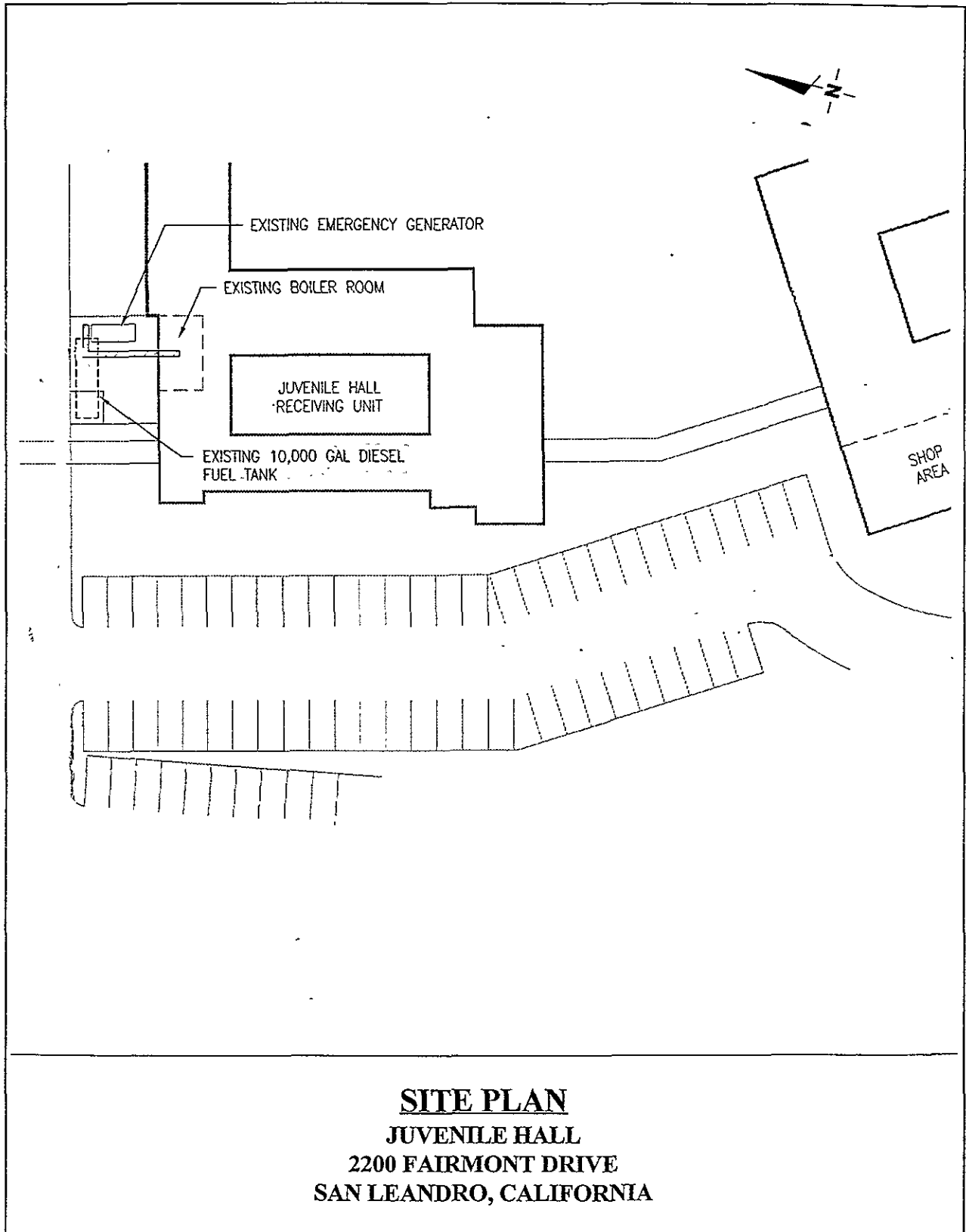
<input checked="" type="checkbox"/>	I. Vicinity Map/Site Plan
<input checked="" type="checkbox"/>	II. Monitoring Plan and Tank System Description
<input checked="" type="checkbox"/>	III. Record Keeping and Reporting
<input checked="" type="checkbox"/>	IV. Leak Response Plan
<input checked="" type="checkbox"/>	V. Emergency Equipment
<input checked="" type="checkbox"/>	Financial Responsibility Certification

SECTION I



**VICINITY MAP**  
**JUVENILE HALL**  
**2200 FAIRMONT DRIVE**  
**SAN LEANDRO, CALIFORNIA**

**SECTION I**



**SITE PLAN**  
**JUVENILE HALL**  
**2200 FAIRMONT DRIVE**  
**SAN LEANDRO, CALIFORNIA**

**SECTION II**  
**MONITORING PLAN**  
*(Existing Single-Walled Tanks)*

DESCRIPTION OF UNDERGROUND TANK

I.D. #	Tank Capacity	Contents	Construction /Material* (SW, DW, or L / S, FG or O)	
			Tank	Piping
9072-1	10,000	Diesel	SW/S	SW/S

\*DW=Double Walled \*SW=Single Walled \*L=Liner \*S=Steel \*FG=Fiberglass \*O=Other

Facility Owner/ Operator: <b>County of Alameda GSA</b>	Phone: <b>(510) 208-9525</b>
Address: <b>1401 Lakeside Drive, Oakland, California 94612</b>	
Tank Owner: <b>County of Alameda GSA</b>	Phone: <b>(510) 208-9525</b>
Address: <b>1401 Lakeside Drive, Oakland, California 94612</b>	
County Representative: <b>Jim de Vos</b>	
Land Owner: <b>County of Alameda GSA</b>	
Address: <b>1401 Lakeside Drive, Oakland, California 94612</b>	Phone: <b>(510) 208-9525</b>

### MONITORING PLAN (continued)

- Please check yes if any of the methods or equipment are used in your leak monitoring system.
- Write in the schedule or frequency in which equipment and/or well(s) are examined for proper operation and date of last service.

#### IDENTIFY BY TANK, LEAK MONITORING METHODS AND EQUIPMENT USED

Tank ID#	YES	NO	Monitoring Alternatives and Equipment	Frequency	Date
9072-1		X	Electronic Interstitial Space Tank Monitors	Cont'	
		X	Mechanical Piping Flow Restrictor, Annual Piping Pressure Test	Cont'	
	X		<del>Annual or</del> Triennial pipe testing (once in three years, for suction piping)		////////
		X	Cathodic Protection of Piping & Tank	/////	
	X		<del>Manual Inventory Reconciliation, Annual Tank Integrity Test</del>		////////
		X	Statistical Inventory Reconciliation, Biennial Tank Integrity Test (SIR)		////////
		X	Monthly Automatic Tank Gauging (test when tank is filled to 90% capacity once a month and accurate to 0.2 gph leak rate)		////////
		X	Fill Riser Flap Valve and Vent Pipe Ball Check Valve		////////
		X	Liquid Level Sensor Electronic or Mechanical with Inventory Reconciliation		
		X	Groundwater Monitoring Well(s) Electronic Sensor Required	Cont'	
		X	Vadose Monitoring Well(s) Electronic Sensor Required	Cont'	
			SECONDARY CONTAINMENT		
		X	Overfill prevention system or spillage containment basins or fill riser(s) above grade or automatic shut off valves	//////////	//////////
		X	Tank Vault below grade (visual monitoring)	/////	////////
		X	Manual Tank Gauging Annual Integrity Test	/////	////////
		X	Tank Liners	/////	////////
		X	Piping Trench	/////	////////

## MONITORING PLAN (Continued)

### Manual Inventory Reconciliation

1. Names of personnel who oversee daily inventory reconciliation, maintain daily inventory records and/or calculate daily variations.

**Dale Davis, Stationary Engineer, Ph. (510) 667-4498**

**Fred Stein, BEMW, Ph. (510) 667-4498**

**Gerald Bivings, Stationary Engineer, Ph. (510) 667-4498**

2. Describe training of personnel conducting inventory reconciliation.

**Each person responsible for conducting inventory reconciliation is given verbal instruction and provided a copy of EPA 510-B-93-004: *Doing Inventory Control Right for Underground Storage Tanks.***

- 3a. Are stick readings made with a calibrated stick (Stick markings must be 1/8")? **Yes**

- 3b. Is the person performing liquid level measurements trained? **Yes**

4. Name and title of person responsible for maintaining inventory reconciliation records and for annual reporting?

**Phil Smith, Lead Stationary Engineer, Ph. (510) 667-4498**

[Note: Alameda County GSA is required to submit an annual letter to Environmental Health certifying that all inventory reconciliation data are within allowable variations.]

5. Describe the steps taken when manual inventory reconciliation indicates greater than allowable discrepancies for two consecutive months.

**Gary Russell or Don Ciriello would immediately be notified. NDE Environmental (1-800-964-0180) or another qualified company would be contacted to provide same day service to test the tank for tightness. If the tank fails tightness testing: (1) product would be removed from the tank as necessary to prevent further release; (2) Alameda County Environmental Health would be notified of the leak within 24 hours; (3) an unauthorized release form would be submitted to Alameda County Environmental Health within 5 days; (4) the tank would be repaired or replaced, as necessary; and (5) an appropriate soil and ground water investigation would be performed to assess the release of fuel to the environment.**

**MONITORING PLAN (Continued)**

Integrity Testing

1. Name of company or certified person conducting tank and/or piping integrity testing.

**NDE Environmental Corporation**  
**342 St. Gertrude, Rio Vista, CA 94571**

**Contact: Mr. Jerry Belloli**  
**Phone: 1-800-964-0180**

2. Type of testing method. **Volumetric**

3. How often are integrity tests performed?

**Tank: Annually.**

**Piping: Triennially (every three years).**

4. When was the last integrity test conducted?

**Tank: Month June Year 1995**

**Piping: Month June Year 1995**

5. Name of person or designee who maintains tank/piping test records.

**Phil Smith, Lead Stationary Engineer, Ph. (510) 667-4498**

**SECTION THREE**  
**RECORD KEEPING AND REPORTING**

Notify Alameda County Environmental Health (Ph. 510-567-6700) within 24 hours of the following occurrences:

- (a) Any unauthorized release from overfills, spills and/or leaks which have not been cleaned up and are still under investigation 8 hours after detection.
- (b) Released hazardous substance at the site of the underground storage tank or in the surrounding area. This includes free product or vapors in soils, basements, sewer and utility lines, and nearby surface or drinking waters.
- (c) Unusual operating conditions including erratic behavior of product-dispensing equipment, sudden loss of product from the tank, unexplained presence of water in the tank, and system alarm incidences, unless it is determined that defective equipment is the cause, no leaks have actually occurred and the defective equipment is immediately repaired or replaced.
- (d) Monitoring system data indicate a release has occurred, unless the monitoring system is found to be defective, is immediately repaired, recalibrated or replaced, and subsequent monitoring fails to confirm the initial results.

**Records are maintained to document the aforementioned occurrences in accordance with Title 23, California Code of Regulations. Alameda County GSA also maintains: a log documenting monthly measurements for water in the tank; daily inventory worksheets; monthly inventory records; tank system maintenance/repair records; annual tank testing reports; and triennial pipe testing reports. Repair and upgrade records will be retained for the life of the tank; tank and pipe testing reports are retained for 5 years; and all other records are retained for at least 3 years. These records are available for inspection within 36 hours of request.**

**All unusual operating conditions and/or releases from overfills, spills and/or leaks, even if they are not reportable to Alameda County Environmental Health under the requirements of this section, should be reported to County of Alameda GSA - Engineering and Environmental Management, Ph. (510) 208-9525.**

\* \* \* \* \*

I hereby Certify, under penalty of perjury, that the information contained in this management plan is true and correct. I understand that I will be required to show proof of compliance by facility inspection from a representative of this office and submit all required records and reports pursuant to Article 5 of Title 23, California Code of Regulations

Don Ciriello  
Authorized Signature

Don Ciriello  
Print Name

Facilities Manager  
Title

12/26/95  
Date



**SECTION FOUR  
LEAK RESPONSE PLAN**

**Emergency Notifications**

Facility/Tank Owner: County of Alameda GSA Office Phone: (510) 208-9525

**Name of person(s) who may authorize cleanup work under response plan.**

Manager Don Ciriello Phone (510) 551-6572

Maintenance Supervisor Gary Russell Phone (510) 667-4499  
(510) 551-6660

Shift lead Electrician/Engineer Phone (510) 551-6675  
(510) 551-6660

24hr Emergency Contact Electrician/Engineer Phone (510) 551-6675

**Fire Department**

Address: Alameda County Fire Department

Phone: (510) 670-5850

Emergency phone: 911

**Ambulance**

Phone: 911

**Police Department**

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Emergency phone: 911

Local Hospital/Clinic Fairmont Hospital

Address 15400 Fairmont Blvd., San Leandro

Phone (510) 667-7800

## LEAK RESPONSE PLAN (continued)

### Emergency Response Procedures

Answer the following questions regarding how personnel are trained to respond in case of fuel spills, overfills and leaks.

- 1(a) Describe the steps taken when a fuel release is observed from tank filling operations.

**An Alameda County representative, trained in accordance with this Leak Response Plan to initiate Emergency Response Procedures, would be present during filling operations to monitor the delivery process. If a fuel release occurs, the Alameda County representative would implement small spill procedures as set forth in #7 of these Emergency Response Procedures. If the release cannot be controlled using small spill procedures, emergency notifications would be made in the priority set forth in #4 of these Emergency Response Procedures.**

- 1(b) Describe procedures to prevent overfilling of tanks during fuel deliveries.

**A trained Alameda County representative would be present during filling operations to monitor the delivery process. Prior to filling, the Alameda County representative would determine if there is adequate storage capacity available to accommodate the quantity of fuel being delivered. This would be accomplished by sticking the tank.**

2. Describe situations when Alameda County personnel should activate the emergency shut off.

**When leaks in aboveground piping and/or leaks in the day tank are observed, the fuel pump and/or valves would be shut off as necessary to prevent further fuel releases.**

3. How much fuel or hazardous substance is released or spilled to initiate emergency notifications?

**Emergency notifications would be initiated for any spill or release of 5 gallons or more.**

4. List by priority the persons and emergency services to contact when a fuel release/spill of 5 gallons or more occurs.

(a) Gary Russell/Don Ciriello

(b) 911

(c) Erickson, Inc. (if outside cleanup services are required)

(d) Alameda County Environmental Health

## LEAK RESPONSE PLAN (continued)

### Emergency Response Procedures

5. Describe procedures to prevent spilled or released hazardous substances from entering storm drains, wells, sewers or other confined spaces.

**Protective dikes of absorbent material would be placed around storm drains, sewers and other confined spaces as necessary to prevent entry of spilled or released fuel and other hazardous substances.**

6. Describe steps taken if there is potential danger to individuals on the property from a fuel release or spill and evacuation is necessary. Include at what stage your authorized person would activate emergency shut off of pumps and electrical power to facility.

**(1) Maintenance personnel would immediately shut off pumps to minimize further release of fuel and shut down power to electrical equipment as necessary to minimize the potential for ignition of the spilled or released fuel.**

**(2) Gary Russell or his designee would determine if there is a potential danger to people in the area and implement appropriate evacuation measures, including:**

**-Verbally instructing endangered individuals to evacuate.**

**-Insuring that all endangered individuals leave through the nearest exit and meet at a designated safe area.**

**-Securing the area to prevent people from reentering until the area has been declared safe.**

**[In major incidences, county and/or city disaster officials would make the decision to evacuate surrounding neighborhoods.]**

**(3) Gary Russell or his designee would contact the fire department and direct spill response actions until the fire department's response personnel arrive.**

LEAK RESPONSE PLAN (continued)

Emergency Response Procedures

7. Describe the handling of small quantities of controlled spills and releases.

Small spills and releases, if any, would most likely be the result of poor tank filling procedures, piping leaks, day tank leaks and/or system repairs. Small spills would be cleaned up with an absorbent material by trained Alameda County maintenance personnel. Maintenance personnel would don protective gloves and goggles, stay upwind of the spill to minimize inhalation of fumes, contain and absorb the spill with absorbent materials, place the spent materials in an approved drum, and make necessary arrangements for disposal of the contaminated material within 90 days of the occurrence.

8. Are facility personnel trained in Emergency Response Procedures? Yes

9. Are facility personnel trained to contain small controlled spills? Yes

- 10.(a) Name of your clean-up company which can be contacted to pick up, transport and dispose of hazardous waste resulting from released fuel.

Company Name Erickson, Inc.  
Address 225 Parr Ave., Richmond, California 94801  
Contact Person Tom Forrester, Ph. (510) 235-1393  
E.P.A. I.D.# CAD009466392

- 10.(b) What is the availability of your clean-up company? 24 Hours

11. Name of additional person(s) or designee(s) capable of authorizing clean-up or work needed under this plan.

Jim de Vos - Deputy Director, GSA - E&EM, Ph. 510-208-9515

Rod Freitag - Environmental Program Manager, Ph. 510-208-9522

**SECTION FIVE  
EMERGENCY EQUIPMENT**

1. List any protective equipment, safety equipment or clean-up supplies maintained on site for possible spills or releases (i.e. fire extinguisher, gloves, shovels, absorbent, empty drums, communication equipment, etc.).

- 1) Goggles
- 2) Gloves
- 3) Fire Extinguisher
- 4) Absorbent Materials (pads, booms, absorbent)
- 5) Shovel/Pan
- 6) Drum for Spent Absorbent Materials

2. Do you maintain written training procedures for employee safety, emergency procedures and hazardous materials handling?

**Each Alameda County GSA employee with responsibilities related to underground storage tank at Juvenile Hall is provided with a copy of this "CONSOLIDATED UNDERGROUND TANK MANAGEMENT PLAN" and given training in the following:**

- 1. Manual Inventory Control and Record Keeping.**
- 2. Indicators of potential leaks.**
- 3. Emergency shut-off switch location and activation.**
- 4. Emergency Response Procedures.**
- 5. Material Safety Data Sheets**
- 6. Containment and cleanup of small spills.**

3. Are employee training records maintained? (Training records should indicate type of training, date held and the name of person(s) attending.) **Yes**

**Note: Training records should be kept on site for at least 3 years and available for review within 36 hours upon request.**