

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



February 11, 1997

STID 5802

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

REMEDIAL ACTION COMPLETION CERTIFICATION

Interstate Industrial Uniform  
Rental Services, Inc.  
68 Jonspin Road  
Wilmington, MA 01887  
Attn: Brian Keegan

RE: NUCLEAR SERVICES, 65 RAY STREET, PLEASANTON

Dear Mr. Keegan:


This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Section 2721(e) of Title 23 of the California Code of Regulations.

Please contact our office if you have any questions regarding this matter.

Sincerely,

  
Mee Ling Tung  
Director, Environmental Health Services

enclosure

c: Gordon Coleman, Acting Chief, Env. Protection Division  
Kevin Graves, RWQCB  
Lori Casias, SWRCB (w/enclosure)  
Bill Halvorsen, Pleasanton Fire Department (w/enclosure)  
SOS/files

**CASE CLOSURE SUMMARY**  
**Leaking Underground Fuel Storage Tank Program**

**I. AGENCY INFORMATION**

Date: 12/24/96

Agency name: **Alameda County-EPD** Address: **1131 Harbor Bay Pkwy #250**  
City/State/Zip: **Alameda, CA 94502** Phone: **(510) 567-6700**  
Responsible staff person: **Scott Seery** Title: **Sr. Haz. Materials Spec.**

**II. CASE INFORMATION**

Site facility name: **Nuclear Services**  
Site facility address: **65 Ray Street, Pleasanton 94566**  
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **5802**  
URF filing date: **06/06/95** SWEEPS No: **N/A**

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Interstate Industrial Uniform Rental Services, Inc. <u>aka</u> UniFirst Corporation	68 Jonspin Rd. Wilmington, MA 01887	(508) 658-8888

Attn: Brian E. Keegan

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	550	gasoline	removed	05/22/95
2	550	"	"	"

**III. RELEASE AND SITE CHARACTERIZATION INFORMATION**

Cause and type of release: corrosion

Site characterization complete? YES

Date approved by oversight agency:

Monitoring Wells installed? NO Number: 0

Proper screened interval? NA

GW depth below ground surface: ~80' BG

Flow direction: North

Most sensitive current use: commercial

Are drinking water wells affected? NO Aquifer name: Amador Subbasin

Is surface water affected? NO Nearest affected SW name: NA

Off-site beneficial use impacts (addresses/locations):

## Leaking Underground Fuel Storage Tank Program

## III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)

Report(s) on file? YES Where is report filed? Alameda County  
1131 Harbor Bay Pkwy  
Alameda CA 94502

## Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment of Disposal w/destination)</u>	<u>Date</u>
Tank	2 x 550 gals.	<u>Disposal</u> - Erickson, Inc. Richmond, CA	05/22/95
Piping	NA		
Product/Rinsate	200 gals.	<u>Disposal</u> - Evergreen Env. Newark, CA	05/24/95
Soil	~173 tons	<u>Disposal</u> - BFI L.F. Livermore, CA	06/29/95- 06/30/95
Groundwater	NA		
Barrels	"		

## Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm) <sup>1</sup>		Water (ppb) <sup>2</sup>	
	Before	After	Before	After
TPH (Gas)	3400	13	NA	220
TPH (Diesel)	NA	NA	"	NA
Benzene	2.2	0.032	"	2
Toluene	29	0.07	"	12
Xylene	500	0.9	"	120
Ethylbenzene	52	0.09	"	10
Heavy metals Pb	ND	"	"	"

Notes: 1) "Before" soil results represent sample #2-550-G-9'8" collected from the base of the UST excavation during 1995 tank closures. "After" soil results represent both overexcavation sample #3-WSWB @ 10'5" BG (TPH-G, TEX) and soil boring sample B1-15 (benzene).

2) "After" water ("grab") samples collected from boring B-1 at depth of 80' BG.

## Comments (Depth of Remediation, etc.):

Two 550 gallon gasoline USTs were removed from the site in May 1995. Both tanks are reported to have been of single-wall steel construction. Throughgoing holes were observed in both tanks. Initial samples showed up to 3400 ppm TPH-G and 2.2 ppm benzene, as well as elevated TEX concentrations.

The pit was subsequently overexcavated to depths ranging from 10½ to 13' BG and resampled. Up to 13 ppm TPH-G and detectable TEX were identified in confirmatory samples. Benzene was not detected. Excavated soil (179.93 tons) was disposed at BFI landfill, Livermore, CA during June 1995.

Leaking Underground Fuel Storage Tank Program

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Undetermined

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Undetermined

Does corrective action protect public health for current land use? YES  
Site management requirements: NA

Should corrective action be reviewed if land use changes? YES

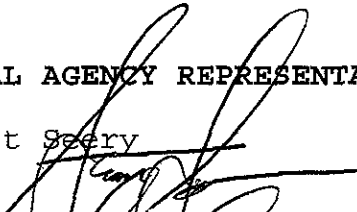
Monitoring wells Decommisioned: NA

Number Decommisioned: NA Number Retained: NA


List enforcement actions taken: none

List enforcement actions rescinded: NA

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Scott Seery Title: Sr. Haz Mat Specialist  
Signature:  Date: 1/17/97

Reviewed by  
Name: EVA Title: Haz Mat Specialist  
Signature:  Date: 1/17/97

Name: Tom Peacock Title: Supervising Haz Mat Specialist  
Signature:  Date: 1-17-97

VI. RWQCB NOTIFICATION

Date Submitted to RB: 1/17/97 RB Response:  
RWQCB Staff Name: Kevin Graves Title: San. Eng. Assoc. Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

A "limited" site assessment was performed during August 1996 which involved the advancement of a single boring through the western portion of the former UST excavation. The boring was advanced to ground water. Beginning at the 15' depth, soil samples were collected every 5' until reaching 30', at which point samples were collected every 10' to the depth explored. Slight product odor was detected in the 15' sample, only.

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Encountered sediments consisted of interbedded sequences of silty and clayey sandy gravel, silty and clayey sand, and silty sandy clay. Ground water was encountered at 80' BG in a clayey sandy gravel layer first reached at approximately 75' BG.

Only the 15, 20 and 80' soil samples were analyzed. Detectable, albeit low, concentrations of TPH-G and BTEX were identified in the 15' sample. Detectable TEX was identified in the 20' sample, and detectable xylene concentrations were found in the 80' sample. Because *subjective* evidence (i.e., odors) of hydrocarbon impact was absent in all other soil samples collected, no others were submitted for laboratory analysis.

A "grab" water sample was collected through the augers using a bailer once ground water was allowed to accumulate in sufficient quantity to sample. Up to 220 ug/l TPH-G and 2 ug/l benzene, in addition to low concentrations of TEX, were identified in sampled ground water.

Based on all evidence (e.g., initial and subsequent soil sample results, DTW, etc.), the "minor" ground water impact noted in the sample collected from the borehole advanced at this site does not appear due to the relatively minor release investigated at the site. Rather, such impact is more likely attributable to the much larger releases documented at a nearby retail fueling station (4191 First Street). Significant ground water impact has been identified in wells associated with the investigation at this adjoining site. The noted fueling station is located just east of the (former) Southern Pacific railroad bed which separates the two properties. Ground water flow calculations based on water elevations measured in wells completed during the investigation at this adjoining site indicate the subject site is located cross-gradient to the fueling facility. Hence, the minor impact noted in water sampled from boring B-1 appears to represent the edge of the plume from this other site.

Comparison of chemical data with ASTM RBCA Tier 1 RBSLs indicate RBSLs have not been exceeded for reasonably plausible exposure scenarios for both residential and commercial receptors.