

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAI A. SHAHID, Assistant Agency Director

ALAMEDA COUNTY CC4580
DEPT. OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577

REMEDIAL ACTION COMPLETION CERTIFICATION

StID 1123 - 1401 E. 14th Street, Oakland 94606

September 16, 1994

Mr. David Deruiter
P.O.Box 2308
Berkeley, CA 94702

Mr. Lun H. Wong
234 Balboa St
San Francisco, CA 94118

Dear Sirs:

This letter confirms the completion of site investigation and remedial action for the four former underground storage tanks (two 6K, and two 100 gallon mineral spirit tanks) removed from the above site on October 3, 1989.

Based upon the available information 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 Title 23, Division 3, Chapter 16, Section 2721(e) of the California Code of Regulations. Please contact Ms. Eva Chu at (510) 567-6700 if you have any questions regarding this matter.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Rafat A. Shahid".

Rafat A. Shahid, Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division
Kevin Graves, RWQCB
Mike Harper, SWRCB (with attachment)
files (dav1in2)

SEP 01 1994

QUALITY CONTROL BOARD

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

August 29, 1994:

Agency name: Alameda County-HazMat Address: 80 Swan Wy., Rm 200
City/State/Zip: Oakland Phone: (510) 567-6700
Responsible staff person: Eva Chu Title: Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Davlin Paint Co.
Site facility address: 1401 E. 14th St, Oakland 94606
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 1123
URF filing date: 11/30/89 SWEEPS No: N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
1. David Deruiter	P.O. Box 2308, Berkeley	94702
2. Lun H & Sonia Wong	234 Balboa St, San Francisco	94118

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	6,000	Mineral Spirit	Removed	10/3/89
2	6,000	Mineral Spirit	Removed	10/3/89
3	100	Mineral Spirit	Removed	10/3/89
4	100	Mineral Spirit	Removed	10/3/89

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Possibly overfilling of UST
Site characterization complete? YES
Date approved by oversight agency: 7/22/94
Monitoring Wells installed? YES Number: 4
Proper screened interval? YES
Highest GW depth below ground surface: 13.41 Lowest depth: 14.74
Flow direction: Assumed westerly, toward S.F. Bay
Most sensitive current use: Unknown
Are drinking water wells affected? NO Aquifer name:
Is surface water affected? NO Nearest affected SW name:
Off-site beneficial use impacts (addresses/locations): None

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

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> <u>(include units)</u>	<u>Action (Treatment</u> <u>or Disposal w/destination)</u>	<u>Date</u>
Tank Piping	4 USTs	H & H Shipping	10/3/89
Free Product	1,200 gal. rinseate	H & H Shipping	10/3/89
Soil	40 cy	Forward L.F.	2/13/90
Groundwater Barrels			

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

<u>Contaminant</u>	<u>Soil (ppm)</u>		<u>Water (ppb)</u>	
	<u>Before</u>	<u>After</u>	<u>Before</u>	<u>After</u>
TPH (Gas)				
TPH (Diesel)	NA		850	ND
Benzene	30		1.2	ND
Toluene	ND		1.0	ND
Ethylbenzene	ND		.79	ND
Xylenes	120		2.6	ND
Oil & Grease				
Heavy metals Pb	.76			
Other Mineral Spirits	410			
VOCs	ND			

Comments (Depth of Remediation, etc.):

Both tank pits were overexcavated up to 3 feet in depth, but confirmatory soil samples were not collected.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? **Yes**
 Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? **Yes**
 Does corrective action protect public health for current land use? **YES**
 Site management requirements: **None**

Should corrective action be reviewed if land use changes? **YES**
 Monitoring wells Decommissioned: **No**
 Number Decommissioned: **None, pending site closure** Number Retained: **4**
 List enforcement actions taken: **None**

List enforcement actions rescinded: **None**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature:  Date: 8/29/94

Reviewed by

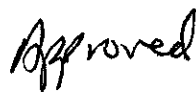
Name: Tom Peacock Title: Supervising HMS

Signature:  Date: 8/29/94

Name: Jennifer Eberle Title: Haz Mat Specialist

Signature:  Date: 8-30-94

VI. RWQCB NOTIFICATION

Date Submitted to RB: 8/31/94 RB Response: 

RWQCB Staff Name: Kevin Graves Title: AWRCE

Signature:  Date: 9/2/94

VII. ADDITIONAL COMMENTS, DATA, ETC.

Four mineral spirit USTs were removed in October 1989, two 6K tanks in a large pit, and two 100 gallon USTs in a smaller pit. Initial soil samples revealed up to 410 ppm and 340 ppm TPH as mineral spirit in the large and small pit, respectively. The Traverse Group Inc reported that the large pit was overexcavated an additional 3' in depth, and immediately backfilled with "clean" overburden and with clean sand fill. The small pit was also overexcavated to remove obviously contaminated soil and backfilled with clean sand. No confirmatory pit samples were collected after either overexcavation.

In June 1991 three monitoring wells were installed at the site. After four consecutive quarterly sampling events, low levels of TPH-G and BTEX were detected (in June and September 1991). Because the three wells were installed in an approximate straight line, a fourth well was installed in May 1994 to verify groundwater flow direction. All four wells were advanced through fill material, from the surface to 15' depth, resulting in possible anomalies in groundwater elevation measurements. That is, exact groundwater flow direction may be imposible to verify. However, regional flow direction is westerly, toward the Bay.

With the proximity of wells MW-1 and MW-2 to the pits, and with depth to water at 13.41 - 14.74', and within fill material, any significant release of fuel to groundwater should have been detected in these wells. It appears source removal was adequate and groundwater does not appear to be significantly impacted by the fuel release at this site.