

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

REMEDIAL ACTION COMPLETION CERTIFICATION

StID 2927 - 3737 1st Street, Livermore 94550

October 3, 1994

Ms. Denise Montalvo
Codioli Motors
3737 1st Street
Livermore, CA 94550

Dear Ms. Montalvo:

This letter confirms the completion of site investigation and remedial action for the four former underground storage tanks (500 gallon fresh oil, 1K waste oil, and two 1K gasoline tanks) removed from the above site on May 6, and July 20, 1993.

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 black ink, appearing to read "Rafat A. Shahid". The signature is written in a cursive, somewhat stylized font.

Rafat A. Shahid, Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division
Kevin Graves, RWQCB
Mike Harper, SWRCB (with attachment)
files (codioli.4)

ALCO
HAZMAT

CALIFORNIA REGIONAL WATER

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QUALITY CONTROL BOARD

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CASE CLOSURE SUMMARY

Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: September 16, 1994

Agency name: Alameda County-HazMat Address: 80 Swan Wy., Rm 200
City/State/Zip: Oakland Phone: (510) 271-4320
Responsible staff person: Eva Chu Title: Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Codioli Motors
Site facility address: 3737 1st Street, Livermore 94550
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 2927
URF filing date: 7/28/94 SWEEPS No: N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Codioli Motors c/o Denise Montalvo	3737 1st St, Livermore	(510) 443-1000

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	500	Fresh Oil	Removed	5/6/93
2	1,000	Waste Oil	Removed	5/6/93
3	1,000	Gasoline	Removed	5/6/93
4	1,000	Gasoline	Removed	7/20/93

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Leaking Gasoline UST
Site characterization complete? YES
Date approved by oversight agency: 7/15/94
Monitoring Wells installed? NO Number:
Proper screened interval? NA
Highest GW depth below ground surface: >51' Lowest depth:
Flow direction: NA
Most sensitive current use: Drinking water
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 (include units)</u>	<u>Action (Treatment or Disposal w/destination)</u>	<u>Date</u>
Tank Piping	4 USTs	Disposed by Erickson	5 & 7/93
Free Product	185 gallons	Recycled at Refineries Services Patterson, CA	5 & 7/93
Soil	900 cy	Aerated and spread at 12266 Kitty Hawk, Livermore	1/19/94
Groundwater Barrels			

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After

TPH (Gas)	3,200	61	NA	
TPH (Diesel)				
Benzene	2.2	1.2	NA	
Toluene	100	10	NA	
Ethylbenzene	49	2.4	NA	
Xylenes	260	16	NA	
Oil & Grease	78		NA	
Heavy metals				
Other				

Comments (Depth of Remediation, etc.):

900 cy were excavated from the pit to a depth of approximately 19', to remove to the extent possible all fuel contaminated soil. The soil was taken to another property at 2266 Kitty Hawk Rd and spread thinly, about 3' deep, for aeration. After levels were reduced to acceptable levels, soil was left onsite.

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:

Should corrective action be reviewed if land use changes? **YES**
 Monitoring wells Decommissioned: **NA**
 Number Decommissioned: **NA** Number Retained:
 List enforcement actions taken: **None**

List enforcement actions rescinded: **NA**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature: *Eva Chu* Date: 9/20/94

Reviewed by

Name: Juliet Shin Title: Haz Mat Specialist

Signature: *Juliet Shin* Date: 9/19/94

Name: Madhulla Logan Title: Haz Mat Specialist

Signature: *Madhulla Logan* Date: 9/19/94

VI. RWQCB NOTIFICATION

Date Submitted to RB: 9/21/94

RB Response: *Approved K. Graves*

RWQCB Staff Name: Kevin Graves

Title: AWRCE

Signature: *K. Graves*

Date: 9/27/94

VII. ADDITIONAL COMMENTS, DATA, ETC.

In May 1993 three USTs (500 gallon fresh oil, 1,000 gallon waste oil, and a 1,000 gallon gasoline) were removed. Only soil samples collected from the gasoline pit exhibited TPH in excess of 100 ppm (up to 3,200 ppm TPH-G, 1.8, 100, 49, and 260 ppm BTEX, respectively). Soil beneath the fresh oil tank exhibited 78 ppm TOG.

Overexcavation of the gasoline pit removed approximately 900 cy of soil, to an average depth of 19'. Confirmatory samples from the N, S, and W walls did not detect TPH-G, and only low levels of toluene and xylenes. The 900 cy of contaminated soil were transported to a nearby field, owned by the Codirolis, for aeration. Final discrete samples of stockpiled soil did not detect TPH-G or BTEX. This soil has been left in the open field.

On September 1993 three soil borings were drilled adjacent to the former gasoline pit, to a depth of approximately 51'. Only the boring w/in 10' of the north wall of the pit exhibited levels of contaminants sought (61 ppm TPH-G, 1.2, 10, 2.4, and 16 ppm BTEX, respectively, at 25' depth). Levels of contaminants above and below 25' depth were considerably lower. It appears fuel product leached through the upper 20' of permeable soils (gravelly sands) and collected, spread, and bound to the stiff, less permeable sandy and silty clay layer at 21-30' depth. Most of the contaminated soil was removed at the time of overexcavation, but a pocket of contaminated soil remains north of the former pit, at a depth of 10-30' depth. Low permeable silty clays are found from 27-40' depth, and sandy

clay from 40' to the end of the boring.

Since groundwater was not encountered to a depth of 51', the potential for residual contamination to migrate through at least 20' of low permeable sediments to impact groundwater appears to be minimal. Since no soil contamination was detected in the upper 10' of soil, the risk to human health is also minimal. Groundwater monitoring wells are not warranted for this site.