

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



CALIFORNIA REGIONAL WATER

DEC 06 1993

KB: 01-

QUALITY CONTROL BOARD

RAFAT A. SHAHID, ASST AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

State Water Resources Control Board

Division of Clean Water Programs

UST Local Oversight Program

80 Swan Way, Rm 200

Oakland, CA 94621

(510) 271-4530

November 17, 1993
STID 4305

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Mike Fitzgerald
16325 Ria Dr.
San Leandro, CA 94578

SUBJECT: **Case Closure**
Ernie's Automotive
2400 E. 12th St., Oakland, CA 94601

Dear Mr. Fitzgerald,

This letter confirms the completion of site investigation and remedial action for the two former underground storage tanks at the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, this office has determined that no further action is required at this time.

Based on the information submitted and current requirements, the RWQCB has also accepted the determination of this agency that no further action is required at this time. Further work could be required if conditions change or a water quality threat is discovered at the site.

If you have any questions regarding this letter, please give Barney Chan a call at (510) 271-4530.

Very truly yours,

Rafat A. Shahid
Assistant Agency Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division/files
Rich Hiett, RWQCB
Mike Harper, SWRCB
James Gribi, Century West Engineering Corporation, 7950
Dublin Blvd., Suite 203, Dublin CA 94568

LOP\Completion, RACCert

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Agency name: Alameda County-HazMat Address: 80 Swan Wy., Rm 200
 City/State/Zip: Oakland Phone: (510) 271-4530
 Responsible staff person: B. Chan Title: Hazardous Materials Spec.

Date: 10/6/93

II. CASE INFORMATION

Site facility name: Ernie's Automotive
 Site facility address: 2400 E. 12th St., Oakland CA 94601
 RB LUSTIS Case No: N/A Local Case No./LOP Case No.: StID 4305
 URF filing date: Not done SWEEPS No: N/A

Responsible Parties: Addresses: Phone Numbers:
 Mr. Mike Fitzgerald 16325 Ria Dr. San Leandro 94578 510-276-8886

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	6k	Gasoline	Removed	1/14/88
2	6k	Gasoline	Removed	1/14/88

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Soil release, assumed from overfilling
 Site characterization complete? YES NO
 Date approved by oversight agency: 10/6/93
 Monitoring Wells installed? YES NO Number:
 Proper screened interval? N/A YES NO
 Highest GW depth below ground surface: N/A Lowest depth:
 Flow direction:
 Most sensitive current use: Sensitive receptor study not done
 Are drinking water wells affected? YES NO Aquifer name: Alameda and
 Temescal Formation and Merritt Sand
 Is surface water affected? YES NO Nearest affected SW name: Alameda
 Inner Harbor
 Off-site beneficial use impacts (addresses/locations): N/A

Report(s) on file? YES Where is report(s) filed? Alameda County
 80 Swan Wy., Rm 200
 Oakland CA 94621

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	2-6k	Disposed @ H&H, Levin Metals	1/19/88
Piping	undocumented		
Free Product	none		
Soil	unknown, however, soil within tank pit analyzed found ND gas and BTEX		
Groundwater	none		
Barrels	none		

Leaking Underground Fuel Storage Tank Program

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued).

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppm)	
	Before	After	Before	After
TPH (Gas)	120	37	NA	0.160
TPH (Diesel)				
Benzene	ND	ND	NA	ND
Toluene	ND	ND	NA	ND
Xylene	ND	ND	NA	ND
Ethylbenzene	NA	ND	NA	0.008
Oil & Grease				
Heavy metals				
Other				

Comments (Depth of Remediation, etc.):

@ 7' (backfill) soil sample was ND for TPHg and ND for BTEX
 @12' soil sample was 37ppm for TPHg and ND for BTEX
 @16' (2' below initial samples) soil sample ND for TPHg and ND for BTEX

IV. CLOSURE


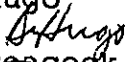

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? YES NO
 Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? YES NO
 Does corrective action protect public health for current land use? YES NO
 Site management requirements:

Should corrective action be reviewed if land use changes? YES NO
 Monitoring wells Decommissioned: YES NO

Number Decommissioned: _____ Number Retained: _____
 List enforcement actions taken:

List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: B. Chan	Title: Haz Mat Specialist
Signature: 	Date: 10/6/93
Reviewed by	
Name: S. Hugo	Title: Sr. Haz Mat Specialist
Signature: 	Date: 10/6/93
Name: T. Peacock	Title: Supervising HMS
Signature: 	Date: 10-7-93

VI. RWQCB NOTIFICATION

Date Submitted to RB: Oct. 7, 1993 RB Response: *no response*
 RWQCB Staff Name: R. Hiatt Title: Staff Engineer
 Date: *Nov 17, 1993*

VII. ADDITIONAL COMMENTS, DATA, ETC.

See attached site summary

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Oakland, CA 94621
(510) 271-4530

October 6, 1993
StID # 4305
Ernie's Automotive
2400 E 12th St., Oakland CA 94601

Site Summary

Two 6,000 gallon gasoline tanks were removed from this site on January 14, 1988 by Paradiso. The tanks were in a common pit. Five soil samples were taken at the bottom of the pit at a depth of 14 feet. Two samples were taken at the ends of both tanks and one sample in the middle between the two tanks. The results of the five soil samples were 1.3, 84, 120, 120 and 40 ppm TPH g and all samples were ND for BTX. Apparently, ethylbenzene was not run. It appears that the pit was backfilled with a combination of clean import and excavated soil. No receipts for soil disposal exist. Tank removals overseen by A. Levi of ACHSCA.

On February 4, 1988 the product line was removed and a soil sample taken under the piping. This was done without a County representative and documented in a February 18, 1988 report from Kaprealian Engineering, Inc. The soil sample was ND for TPHg and ND for BTEX.

Our office had questions regarding the material used for backfill, the extent of soil contamination and the extent, if any, of the impact to groundwater. Our office agreed to accept a boring from within the center of the former tank pit, sampling the backfill material, sampling the soil at the same depth of the original samples, sampling from beneath the original depth and sampling a grab Hydropunch groundwater sample. The results of this analysis were: *(performed on 9/13/93)*

@7' (backfill) gravel- ND for TPHg and BTEX
@12' (similar depth as original samples)- 37 ppm TPHg, ND for BTEX
@16' (approx. 2' beneath original sample)- ND TPHg, ND for BTEX
Hydropunch- 0.16ppm TPHg, B-ND, T-ND, E-0.8ppb, X- ND

Conclusion & Recommendation-

The backfill material is apparently not contaminated. The extent of soil contamination has been determined vertically. The groundwater is only slightly impacted with TPHg (0.16ppm and by Ethylbenzene at only slightly greater than the detection limit (0.008ppm).

The impact of petroleum hydrocarbon to soil and groundwater is minimal. With the given information, our office feel that this site should be recommended for closure.