

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

July 7, 1994
StID # 3689

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

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Don White
White Brothers
P.O. Box 14084
Oakland CA 94614-2084

RE: White Brothers, 4801 Tidewater Ave., Oakland 94601

Dear Mr. White:

This letter confirms the completion of site investigation and remedial action for the 1000 gallon diesel underground storage tank at the above described location.

Based upon the available information and with 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 the regulation contained in Title 23, Division 3, Chapter 16, Section 2721 (e) of the California Code of Regulations.

Please contact Barney Chan at (510) 217-4320 if you have any questions regarding this matter.

Sincerely,

Rafat A. Shahid
Assistant Agency Director

c: Edgar B. Howell, Chief, Hazardous Materials Division-files
Kevin Graves, RWQCB
Mike Harper, SWRCB

RACC4801

ALCO
HAZMAT

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CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: 6/07/94

Agency name: **Alameda County-HazMat** Address: **80 Swan Wy., Rm 200**
City/State/Zip: **Oakland** Phone: **(510) 271-4350**
Responsible staff person: **Barney Chan** Title: **Hazardous Materials Spec.**

II. CASE INFORMATION

Site facility name: **White Brothers**
Site facility address: **4801 Tidewater Ave., Oakland CA 94601**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **3689**
ULR filing date: **3/5/93** SWEEPS No: **N/A**

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Mr. Don White	P.O. Box 14084 Oakland CA 94614-2084	(510) 261-1600

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	1000	Diesel	Removed	5/31/90

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **unknown cause**

Site characterization complete? **Yes**

Date approved by oversight agency:

Monitoring Wells installed? **YES** Number: **1**

Proper screened interval? **YES**, interval restricted to 4.5-12.5 due to the required length of the sanitary seal.

Highest GW depth below ground surface: **not measured**, however speaking with the sampler for TAL, he stated that the dtw was no less than five feet.

Flow direction: **Assumed southwesterly**, in the direction of the Tidal Canal.

Leaking Underground Fuel Storage Tank Program

Most sensitive current use: Undetermined

Are drinking water wells affected? NO Aquifer name:

Is surface water affected? NO Nearest affected SW name: Tidal Canal

Off-site beneficial use impacts (addresses/locations): None

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>
Tanks	1-1000 gallon	Disposed at H & H, SF	5/31/90
Soil	20 cy	Disposed at Vasco Rd. Livermore	7/25/91

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

<u>Contaminant</u>	<u>Soil (ppm)</u>		<u>Water (ppm)</u>	
	<u>Before</u>	<u>After</u>	<u>Before</u>	<u>After</u>
TPH (Gas)	39	39	---	ND
TPH (Diesel)	(spoils) 820	120(boring)	230	0.069
Benzene	0.034	0.034	0.0058	ND
Toluene	0.006	0.006	0.021	ND
Xylene	0.025	0.025	0.51	ND
Ethylbenzene	0.008	0.008	0.12	ND
Oil & Grease	(boring) 4.1	4.1	---	0.77

Comments (Depth of Remediation, etc.):

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

Leaking Underground Fuel Storage Tank Program

Should corrective action be reviewed if land use changes? No

Monitoring wells Decommissioned: NO

Number Decommissioned: 0

Number Retained: 1

List enforcement actions taken: None

List enforcement actions rescinded: None

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Barney M, Chan

Title: Hazardous Materials Specialist

Signature: *Barney M Chan*

Date: 6/9/94

Reviewed by

Name: Eva Chu

Title: Hazardous Materials Specialist

Signature: *Eva Chu*

Date: 6/7/94

Name: Tom Peacock

Title: Sup Haz Mat Specialist

Signature: *Tom Peacock*

Date: 6-7-94

VI. RWQCB NOTIFICATION

Date Submitted to RB: 6/10/94

RB Response: *K. Graves Approved*

RWQCB Staff Name: K. Graves

Title: AWRCE

Date: 6/22/94

VII. ADDITIONAL COMMENTS, DATA, ETC.

Site Summary for 4801 Tidewater Ave, Oakland 94601, StID # 3689

Site is located approximately 300 feet from the Tidal Canal separating Oakland and Alameda. Groundwater is shallow and is encountered at approximately 2' BGS. Site is assumed to be tidally influenced.

5/31/90 One 1000 gallon diesel tank was removed from site. No apparent holes visible on tank. GW was encountered in the pit. Two sidewall samples from the north and south ends and one grab groundwater sample taken. Four discrete samples to be composited into one were taken from the spoils pile. Analytical results for soils were ND for TPH diesel and very low concentrations for BTEX.

The groundwater gradient is assumed to be towards the Tidal Canal therefore one monitoring well was allowed to be installed within ten feet of the former tank pit in the assumed downgradient direction on the driveway of the property.

4/2/93 The monitoring well was installed at this site. Hydrocarbon odor was noticed at 1 1/2' BGS and a soil sample was taken for analysis. Groundwater was encountered at 2-2.5' BGS. Due to the required depth of the sanitary seal, the well was screened from 4.5-12.5'. Groundwater was encountered in the blue-gray sandy clay from 2-4' BGS. Below this from 4-10' BGS dark blue-gray clay was encountered. The soil sample taken from 1 1/2' detected 120 ppm diesel, ND TPH mo, 39 ppm TPHg and 0.13 ppm toluene, 2.2 ppm xylenes and ND benzene and ethylbenzene.

The groundwater sample taken did not detect any motor oil, diesel, gasoline or BTEX.

Three subsequent sampling events similarly found ND for these parameters with the exception of the last event on 1/31/94 which detected 0.069 ppm diesel and 0.77 ppm TPH as motor oil. Note that the detection limit for these parameters are 0.050 ppm and 0.25 ppm for diesel and motor oil respectively.

Although low levels of diesel, gasoline, toluene and xylenes were detected in shallow soil near the saturated zone, only diesel and motor oil have been detected at levels slightly above detection limits after four monitoring events.