

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

August 1, 1994
StID # 965

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

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Mark Whitmore
Goodyear Tire and Rubber Co.
1144 East Market St.
Akron, OH 44316

RE: Goodyear Tire and Rubber Co., 7727 Oakport St., Oakland
CA, 94621

Dear Mr. Whitmore:

This letter confirms the completion of site investigation and remedial action for the 2000 gallon diesel/waste oil 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
Mr. Dan Schoenholz, Port of Oakland Environmental, 530 Water
St., Oakland CA 94607

RACC7801

JUL 20 1994 *KG*

QUALITY CONTROL BOARD

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: 7/08/94

Agency name: **Alameda County-HazMat** Address: **1131 Harbor Bay Parkway, Rm 250**

City/State/Zip: **Alameda** Phone: **(510) 271-4320**

Responsible staff person: **Barney Chan** Title: **Hazardous Materials Spec.**

II. CASE INFORMATION

Site facility name: **Goodyear Tire and Rubber Co.**

Site facility address: **7727 Oakport St., Oakland CA 94621**

RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **965**

URF filing date: **7/11/94** SWEEPS No: **N/A**

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Mr. Mark Whitmore	Goodyear Tire & Rubber Co. 1144 East Market St. Akron, OH 44316	(216) 796-3863

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	2000	Diesel/Waste Oil	Removed	8/7/91

I. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **unknown cause, appears to be soil only**

Site characterization complete? **Yes**

Date approved by oversight agency:

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

Proper screened interval? **YES, from 5-15 feet**

Highest GW depth below ground surface: **7.74'** Lowest depth: **9.03'**

Flow direction: **Assumed northwesterly from nearby site @ 7801 Oakport St.**

Leaking Underground Fuel Storage Tank Program

Most sensitive current use: Undetermined

Are drinking water wells affected? NO Aquifer name: NA

Is surface water affected? NO Nearest affected SW name: San Leandro Bay

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

Report(s) on file? YES Where is report(s) filed? Alameda County
 1131 Harbor Bay Parkway, Rm 250
 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	1-2000 gallon	Removed, disposed by H & H Shipping, SF	8/7/91
Soil	54 cy	Disposed @ BFI, Livermore	7/8/93
Groundwater	2700 gallons	Recycled at Petroleum Recycling Corp., Patterson	6/30/93

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)	5.5	ND	--	ND
TPH (Diesel)	730	10	grab 3.1	ND
Benzene	ND	ND	--	ND
Toluene	ND	ND	--	ND
Xylene	0.031	ND	--	ND
Ethylbenzene	0.005	ND	--	ND
Oil & Grease	380	70	grab ND	ND
Heavy metals Cd,Cr, Pb, Ni, Zn :	ND, 26,6, 28,28 ppm			
Other: bis(2-ethylhexyl)phthalate	2.5	--		
2-methylnapthalene		0.22	--	
Trichloroethylene		0.015	ND	

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:

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: 7/18/94

Reviewed by

Name: Eva Chu

Title: Hazardous Materials Specialist

Signature: *Eva Chu*

Date: 7/14/94

Name: Tom Peacock

Title: Sup. Haz. Materials Specialist

Signature: *Tom Peacock*

Date: 7-18-94

VI. RWQCB NOTIFICATION

Date Submitted to RB:

RB Response: *Approved*

RWQCB Staff Name: Kevin Graves

Title: AWRCE

Date: *7/26/94*

VII. ADDITIONAL COMMENTS, DATA, ETC.

Site Summary for 7727 Oakport St., Oakland CA 94621, StID # 965

This site is located on Oakport St., the frontage road on the west side of the 880 freeway.

Goodyear leases the site from Mr. Kerry Murphy, who in turns leases the site from the Port of Oakland. The Port has an indemnification contract with Goodyear.

8/7/91 One 2000 gallon tank which had formerly held diesel and waste oil was removed. Cynthia Chapman from this office witnessed the removal. Groundwater was encountered in the tank pit. Two soil samples were taken from the north and south ends of the tank. Water was noticed seeping in from the south side, near the top of the excavation. A storm drain was suspected, therefore, a water sample was not taken.

The analytical results of these soil samples found:

As high as 730 ppm diesel, as high as 380 ppm Hydrocarbon Oil and Grease plus lower amounts of ethylbenzene, xylene, TCE and the semi-volatiles, bis(2-ethylhexyl) phthalate and 2-methylnapthalene. No metals exceeding ten times their STLC were found. The spoils were found contaminated and were stockpiled on the site until their disposal.

12/18/92 A workplan was submitted in behalf of Goodyear calling for the installation of several borings around the former tank pit plus the sampling of both soil and grab groundwater from these borings.

12/30/92 The above work plan was approved by our office.

1/5/93 Four boring around the former tank pit were drilled approximately 10-15 feet out from the tank pit edge. Soil samples were taken at approximately 5 & 10 feet depth. These samples were analyzed for TPHd, TOG and chlorinated hydrocarbons as a first cut screen. Only small amounts of diesel (20ppm) were found in any of these samples, indicating a limited extent of soil contamination. A soil sample from the pit and one from the spoils pile confirmed diesel contamination. The grab water samples from these borings detected from 0.10 to 3.1 mg/l diesel but were ND for Oil and Grease.

3/22/93 A subsequent work plan for the overexcavation of the tank pit and confirmation sampling provided.

5/19/93 This work plan was approved by our office.

6/30/93 The tank pit was overexcavated and one sidewall sample was taken just above groundwater from each four walls at approx. 7-7 1/2 feet BGS. All soil samples were less that 10 ppm TPHd and ND for BTEX. The highest concentration of hydrocarbon oil and grease was 70 ppm. These soil samples were also ND for the chlorinated solvents. This same day approximately 2700 gallons of water was vacuumed from this pit.

Site Summary, 7727 Oakport St.
StID # 965
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7/2/93 Harding Lawson, the consultant for Goodyear, basing the anticipated gradient on Superior Tiles Co., a site about 400 feet away at 7801 Oakport St., proposed to install 1 well northeast of the former tank pit. The gradient at Superior Tiles has been consistent for over one year of quarterly monitoring.

7/8/94 Conditional work plan approval given.

7/21/93 The one monitoring well was installed per the above work plan. The boring log for this well indicates similar soil encountered to that at the 7801 Oakport site. Groundwater was also encountered at the same general depth, 10-15 feet BGS.

Four consecutive quarterly groundwater monitoring events occurred and were analyzed for TPHg, TPHd, TOG and BTEX. No contaminants were found in any events. Monitoring results attached.

It appears that soil excavation was successful in removing the majority of the hydrocarbon contamination. Only minor amounts of oil and grease remain. Although grab groundwater samples indicated some diesel contamination, the groundwater in the monitoring well has not been impacted. Case closure is recommended.

**Table 1. Water Level Measurements
and Analytical Results
7727 Oakport Street Facility
Oakland, California**

Date	Water Level (feet)	TPHg	TPHd	BTEX	Oil and Grease
07/29/93	8.08	ND	ND	ND	ND
10/19/93	8.68	ND	ND	ND	ND
01/21/94	9.03	ND	ND	ND	ND
02/02/94	8.75	NA	NA	NA	NA
02/22/94	7.74	NA	NA	NA	NA
04/08/94	8.40	ND	ND	ND	ND

Water levels measured below the top of the well casing
 TPHg = Total petroleum hydrocarbons as gasoline
 TPHd = Total petroleum hydrocarbons as diesel
 BTEX = Benzene, toluene, ethylbenzene, and xylenes
 ND = Not detected
 NA = Not analyzed