

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO#566

ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

May 21, 1998

ATTN: Facility Manager

Firestone Store #3658
3786 Broadway
Oakland CA 94611

RE: Project # 869A - Type R
at 3785 N Broadway in Oakland 94611

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$417.75, payable to Alameda County, Environmental Health Services, within two weeks of receipt of this letter.

It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, more money will be requested or any unused monies will be refunded to you or your designee.

The deposit refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently \$94 per hour.

Please be sure to write the following identifying information on your check:

- project #
- type of project and
- site address

(see RE: line above).

If you have any questions, please contact Amir Gholami at (510) 567-6876.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tom Peacock', is written over a horizontal line.

Tom Peacock, Manager
Environmental Protection

c: files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0566

ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

May 12, 1998

ATTN: Mr Ryan Murphy

Ryan Murphy Inc
211 Granite St, Ste E
Corona CA 91719

RE: Project # 869A - Type R
at 3785 N Broadway in Oakland 94611

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$417.75, payable to Alameda County, Environmental Health Services, within two weeks of receipt of this letter.

It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, more money will be requested or any unused monies will be refunded to you or your designee.

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- project #
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If you have any questions, please contact Amir Gholami at (510) 567-6876.

Sincerely,

Tom Peacock, Manager
Environmental Protection

c: files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0566

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

October 4, 1993
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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

Mr. Rich Hiett
California Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

SUBJECT: RECOMMENDATION FOR CASE CLOSURE
Firestone Tire & Rubber Company Service Center # 3658
3785 Broadway, Oakland, CA 94611

Dear Mr. Hiett:

The Alameda County Department of Environmental Health, Hazardous Materials Division has completed review of the underground storage tank leak investigation and remediation case file for the referenced site. This file includes reports documenting the removal of one 280 gallon waste oil tank, overexcavation of contaminated soil and further soil/groundwater investigation to determine the extent of contamination associated with the unauthorized release from the former tank.

The former waste oil tank was removed on March 28, 1990 by Ryan Murphy Inc. Soil samples collected from the bottom of the tank (at approximately 7 feet depth) exhibited elevated levels of the following contaminants: TPH gasoline (64 ppm); TPH diesel (2000 ppm); Oil & Grease (7600 ppm); benzene (0.69 ppm); toluene (4 ppm); xylene (9.8ppm); ethyl benzene (1.5 ppm); 1,1,1 - trichloroethane TCA (6 ppm); tetrachloroethylene TCE (2.2 ppm) and lead (1300 ppm).

On November 19, 1990 , four soil borings were advanced to approximately 21.5 feet depth. The site is underlain by soils comprised of fill, alluvium-colluvium and weathered bedrock. The fill and alluvium-colluvium soils vary from 10 to 15 feet in thickness and comprised mainly of silts, clayey silts, clayey sand and sand. Groundwater was not encountered in any of the borings during drilling. Borings 1, 2 and 3 were left open (but covered) overnight and observed to be dry the next day. Boring B1 (approximately 2 feet west of the tank excavation) soil samples collected at the following depths: 6-6.5 ft, 11-11.5 ft, 16-16.5 ft, and 20-20.5 ft showed non detectable levels of TPH gasoline, BTEX and volatile halocarbons. TPH diesel was detected at 6-6.5 ft BGS (6 ppm) while total oil and grease was detected at 11-11.5 ft (56 ppm). All the other soil samples were non detect for TPH diesel and total oil and grease.

Mr. Rich Hiett
RE: 3785 Broadway, Oakland, California 94611
October 4, 1993
Page 2 of 3

Between April 15 - 29, 1991, overexcavation of contaminated soil was conducted which included the stockpiled soil used to backfill the excavation pit. The western wall was excavated laterally up to B1 location and verification soil sample collected at 10 ft BGS (S-1) showed non detect level for TPH gasoline, TPH diesel and TOG. The north wall was overexcavated between 3-4 ft laterally and verification soil sample collected at 15 ft BGS (No.2) exhibited non detect for TPH gasoline, TPH diesel and BTEX but detected 73 ppm TOG. The eastern wall was overexcavated between 9-10 ft laterally and verification soil samples collected at 10 ft BGS (S-3) showed non detect for TPH gasoline, TPH diesel and TOG. Limited overexcavation was performed on the southern wall due to the close proximity to the building. Verification soil samples was collected at 7 ft BGS (No.5) showing non detect levels for TPH gasoline, TPH diesel, BTEX, TOG and at 15 ft BGS (No.1) showing non detect levels for TPH gasoline, TPH diesel and BTEX but slightly elevated levels of TOG (83 ppm).

One monitoring well (40 feet deep) was installed on January 16, 1991 within 10 ft in the assumed downgradient location of the former tank excavation. Based on information from the monitoring wells at three nearby sites (Unocal on Broadway & 40th Street; Kaiser Foundation Bldg. south of the site on the west side of Broadway; and Shell Service Station on Piedmont & MacArthur), the assumed hydraulic downgradient direction is towards the south. Soil samples collected from the borings during monitoring well construction showed the following : (MW 1-1 at 6 ft had non detect for TPH gasoline, kerosene, BTEX, TOG, organic lead, volatile halocarbons but exhibited 6 ppm TPH diesel) ; (MW1-2 between 11-11.5 ft had non detect for TPH gasoline, TPH diesel, kerosene, BTEX, organic lead, volatile halocarbons but exhibited 58 ppm TOG); (MW1-3 approximately between at 15-17 ft had non detect levels for all the target compounds); and (MW1-4 at approximately between 20-22 ft had non detect levels for all target compounds). Groundwater was first encountered between 36 to 37 feet and stabilized at 19 feet.

The monitoring well (MW-1) was sampled on 11/6/91, 2/21/92, 6/9/92 and 9/12/92. The groundwater sample was analyzed for the following compounds: TOG, TPH gasoline, TPH diesel, TPH kerosene, BTEX, volatile halocarbons, organic lead, cadmium, chromium, nickel and zinc. All the water samples showed non detect level for all the target compounds except TPH diesel (82 ppb) and chloroform (2.2 ppb) which were detected during the monitoring event on 2/21/92. The groundwater elevation readings (depth to water) were as follows : 18.55 ft (11/6/91); 17.36 ft (2/21/92); 18.18 ft (9/9/92); 19.02 (9/12/92).

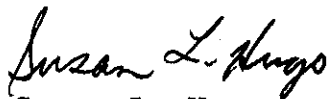
Mr. Rich Hiett
RE: 3785 Broadway, Oakland, California 94611
October 4, 1993
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Based on the information provided to this department regarding the site investigation and cleanup associated with the 280 gallon waste oil tank, it appears that significant source removal through the closure of the tank and overexcavation of contaminated soil has occurred. The potential beneficial uses of groundwater in the area proximal to the site do not appear to be threatened to a significant extent from the release that occurred at the site associated with the former tank. Further monitoring, investigation and remedial actions are not necessary at this time. Therefore, this office recommends that RWQCB formally close this case with a signoff letter.

Attached are copies of the following: "Final Report - Ground Water Monitoring" prepared by Ryan Murphy, Inc.; four soil boring logs(B-1, B-2 B-3 B-4); monitoring well construction diagram for MW-1; and the case closure summary as discussed during our telephone conversation on September 17, 1993 for your review.

If you have any questions or require further information, please give me a call at (510) 271-4530.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

attachments

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Edgar B. Howell, Chief, Hazardous Materials Division - files
Mr. Vern Willrich - Firestone , 7857 Florence Avenue # 200
Downey , California 90240
Mr. Ravi Pendurthi - Ryan Murphy, Inc. 211 Granite, Suite E
Corona, California 91719

Mr. Vern Willrich

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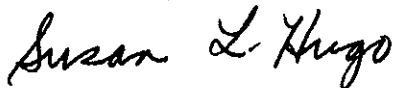
Soil and groundwater samples must be analyzed by a Department of Health Services Certified Laboratory for the following constituents: TPH gasoline; TPH diesel; Benzene, Toluene, Xylene and Ethylbenzene (BTX&E); Chlorinated Hydrocarbon; Total Oil and Grease; Metals - Cadmium, Chromium, Lead, Zinc and Nickel.

All reports, proposals and analytical results pertaining to this investigation and remediation must be submitted to this office and to San Francisco Bay Regional Water Quality Control Board.

The need for any additional investigation or remediation work on this site will be based on the hydrogeologic and water quality data derived from this groundwater investigation.

Should you have any questions about this letter or about remediation requirements established by the RWQCB, please contact me at (415) 271-4320.

Sincerely,



Susan L. Hugo
Hazardous Materials Specialist

cc: Rafat A Shahid, Assistant Agency Director, Environmental Health
Gil Jensen, District Attorney, Alameda County Consumer and
Environmental Protection Agency
Lester Feldman, San Francisco Bay RWQCB
Howard Hatayama, State Department of Health Services
Dennis Miller, Principal Engineer, ERM-West, Inc.
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0566

RAFAT A. SHAHID, Assistant Agency Director

Certifiy Mailer # P 113 815 264

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

March 30, 1993

Mr. Ric Stuber, Store Manager
Firestone
3785 Broadway
Oakland, CA 94611

NOTICE OF LEGAL OBLIGATION
RE: 3785 Broadway, Oakland, CA 94611

Dear Mr Stuber:

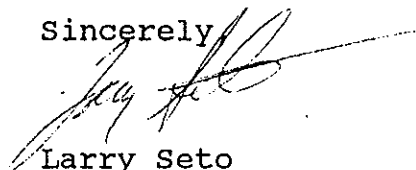
Enclosed is a Hazardous Materials Management Plan (HMMP) that needs to be completed for the above site. The following must be identified in your HMMP:

1. Motor oil in the 280 gallon above ground tank
2. Waste oil in the 180 gallon above ground tank
3. Waste anti-freeze stored in 55 gallon drums

Please return your completed HMMP to this office within 30 days of the receipt of this letter.

If you have any questions, please contact me at 271-4320.

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney's Office
Ed Howell, Chief, Hazardous Materials
Tim Watterson, Firestone
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0566

April 3, 1991

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

Mr. Vern Willrich
7857 Florence Ave., Suite 200
Downey, California 90240

**RE: Site Investigation at Firestone Tire and Rubber Co.
3785 Broadway , Oakland 94611**

Dear Mr. Willrich:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the February, 1991 site investigation report prepared by ERM-West, Inc. for the referenced site, as submitted under Ryan Murphy, Inc. cover dated February 25, 1991. Based on this review, specific areas of concern to this department warrant further clarification and must be addressed.

- * Stockpiled soils which have high levels of contamination [1,000 parts per million(ppm) of Total Petroleum Hydrocarbon (TPH) as diesel, 13 ppm of TPH as gasoline, 780 ppm of Oil and Grease, 0.09 ppm benzene, 0.55 ppm toluene, 0.32 ppm ethylbenzene, 2.5 ppm xylene] was used to backfill the former underground tank excavation without prior approval from this office. Guidelines established by the Regional Water Quality Control Board (RWQCB) do not allow reintroduction of soil into the tank pit if TPH contaminant levels greater than 10 ppm are detected. You must re-excavate this soil and treat or disposed of appropriately. Proper disposition of soils must be supported by sample analysis by the state certified lab.
- * Proposed over-excavation of contaminated soils is acceptable. Verification samples must be collected in the excavation zone to ensure that no soil contamination greater than 100 parts per million of Total Petroleum Hydrocarbon and Total Oil and Grease remains in the subsurface.
- * Using the information and data from monitoring wells at nearby sites is acceptable provided that these monitoring wells are located within 100 feet from the referenced site and the groundwater are of the same aquifer. Assuming the groundwater flow direction is not acceptable. The verified downgradient flow of the groundwater must be determined at the site. If the verified downgradient location has been established, then complete gradient data must be submitted and only one monitoring well must be installed in the downgradient direction within ten feet of the former tank excavation. Construction of monitoring wells must be

Mr. Vern Willrich
Page 2 of 2

consistent with the Regional Water Quality Control Board guidelines. You should anticipate monitoring quarterly or at a more frequent intervals depending on the data collected from initially sampling of soil and groundwater. Levels and quality of groundwater must be monitored quarterly for a minimum of one year, even if no contamination is identified.

The need for additional investigative or remedial actions at this site will be based upon the data derived from this preliminary assessment. You may implement remedial actions before approval of the workplan to diligently act in protecting the waters of the State. However, final concurrence by this office will depend on the extent to which the work done meets the requirements of this letter.

This department will oversee the assessment and remediation for this site. However, RWQCB may choose to take over as lead agency if it is determined from this initial assessment that there has been substantial impact to groundwater.

A report must be submitted within 30 days after completion of this initial investigation. Subsequent reports must be submitted quarterly until the site can be recommended for RWQCB "sign off". All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professional involved with the project. Copies of reports and proposals must also be submitted to RWQCB (attention: Lester Feldman).

Please be aware that this is a formal request for technical reports pursuant to California Water Code Section 13267 (b). Failure to respond or late response to this request may result in civil penalties imposed by RWQCB, a maximum of \$1,000 per day. Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency or the RWQCB.

Should you have any questions about this letter, please contact me at (415) 271-4320.

Sincerely,

Susan L. Hugo

Susan L. Hugo
Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Gil Jensen, District Attorney, Alameda County
Lester Feldman, San Francisco Bay RWQCB
Howard Hatayama, State Department of Health Services
Jack Schmitz, Ryan-Murphy, Incorporated
files

l/h

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0566

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

August 14, 1990

Aaron Williams
Firestone
3785 Broadway
Oakland, CA 94611

Re: Waste Minimization Assessment

Dear: Aaron Williams:

Your business has been selected to receive a "pilot" hazardous waste minimization assessment. As you are probably aware, hazardous waste reduction has become a statewide, if not a national, issue. To address this issue at a county level, Alameda County is establishing its own Hazardous Waste Minimization Program and is planning to conduct waste minimization assessments for all hazardous waste generating facilities in the County. To begin the program, we have selected twenty auto repair businesses to receive assessments. It is our hope that these "pilot" assessments will assist the businesses in minimizing their hazardous wastes and will give us further information on the most effective way to structure our minimization program.

One of our Hazardous Materials Specialists will be contacting you to arrange to meet with you and assess your business during the week of August 21. During this meeting and assessment, the Specialist will work with you in examining your business's hazardous waste generating practices. The Specialist will then provide you with materials on existing waste reduction technology, and assist you in setting up appropriate hazardous waste minimization practices.

We thank you in advance for your participation in this pilot study. Your comments and suggestions are welcomed and encouraged; we need your input so we can best assist you! Please direct your comments and any questions to Katherine Chesick at 415/271-4320.

Sincerely,

Edgar B. Howell, Chief,
Alameda County Hazardous Materials Division

EBH:kac

cc: Fire Department
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0566

December 10, 1990

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

Mr. Vern Willrich
7857 Florence Ave. Suite 200
Downey, California 90240

**RE: Work-Plan For Contamination at Firestone & Rubber Company
3785 Broadway, Oakland 94611**

Dear Mr. Willrich:

The Alameda County Environmental Health Department, Hazardous Materials Division has completed their review of the Work-Plan submitted by ERM - West Inc. for the site shown above. Because of the amount of contamination found, this facility is considered to have experienced a confirmed release of petroleum hydrocarbons that has impacted subsurface soil. Title 23 of the California Code of Regulations requires all unauthorized releases from underground tanks to be reported. An unauthorized release report must be filed with this office within 5 days of the date of this letter.

Based on this review, your work-plan is acceptable provided the following areas of concern to this agency are addressed.

Total Petroleum Hydrocarbon (TPH) contamination as high as 2,000 parts per million and Total Oil and Grease (TOG) contamination as high as 7,600 parts per million were detected in soil samples collected from the north end of the tank at seven feet deep. Further excavation will be required to ensure that no soil contamination exceeding 100 parts per million of TPH and TOG remains. Additional sampling will be necessary to verify that the excavation has been sufficiently thorough to meet this requirement.

Because of the levels of soil contamination found at the site, guidelines established by the San Francisco Bay Regional Water Quality Control Board require that a ground water investigation be conducted. A minimum of one monitoring well must be installed within ten feet of the tank excavation in the verified downgradient direction. During the installation of monitoring wells, soil samples are to be taken at five foot depth intervals until ground water is reached. Field meters are acceptable as screening tools but laboratory analysis of soil samples are required for verification of the extent of soil contamination. Installation of monitoring wells must be performed under the direction of a certified or registered engineer/geologist.