

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

R02454

RAFAT A. SHAHID, Assistant Agency Director

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

February 23, 1993

Richard Hiatt  
Regional Water Quality Control Board  
2101 Webster St., 4th Floor  
Oakland CA 94612

RE: Helmut Motors  
82 A St.  
Hayward CA 94541  
**REQUEST FOR SITE CLOSURE**

Dear Mr. Hiatt:

In December of 1990, Richard Faber, owner of Helmut Motors, filed an Unauthorized Release Report as a result of oil and grease contamination found beneath a former waste oil tank at the site. Below, in chronological order, is a summary of the tank removal and remediation activities that have occurred at the site:

1. October, 1990 - Gasoline and waste oil tanks were removed. Significant levels of oil and grease were found in native soils at (370 to 640 ppm) at a depth of 4 to 5 feet.
2. November, 1990 - An additional 1 - 2' of soil was excavated from the waste oil pit and a confirmatory sample was taken at a depth of about 6 feet. This sample was found to contain 59 ppm of oil and grease.
3. January, 1991 - Additional soil was excavated from the tank pit. A confirmatory sample was taken from the bottom of the tank pit at about 7 feet. This sample was analyzed for Total Oil and Grease and BTEX components. No detectable contamination was found.

Recently, the property owner, Richard Faber, asked that the site be considered for closure. Data gaps do exist for the site: Field notes for the site are incomplete (June, 1991 sampling event is not documented.) As well, the property owner has not carried out investigative work that would reliably establish soil conditions and depth to groundwater at his site. Nevertheless, I am asking that you consider closure for this site for the following reasons:

Richard Hiatt  
RWQCB  
February 23, 1993  
Page 2 of 2

1. The confirmatory sample analyses for samples taken in June of 1991, showed no detectable levels of contaminants.
2. The native soil in the tank pit appeared to contain a great deal of clay. While I can not say for certain that the clay layer beneath the tank was more than 2 1/2 feet thick, I feel that it was probably an effective barrier to the spread of oil and grease to deeper soil layers.
3. Depth to groundwater is likely to be 35 to 45 feet, based on data from monitoring wells at neighboring sites. It is reasonable to assume that a soil barrier of at least 20 feet exists between the contamination and groundwater.
4. The waste oil pit, which was backfilled in the summer of 1991, had been excavated to the extent feasible, considering that the west wall of the shop was within 1 1/2 feet of the edge of the pit. The owner fears damage to the structure will result from any further soil removal.

I believe that the soil removal done at the site thus far has removed the source of contamination and mitigated its potential threat to groundwater. Unless your review of this case results in conclusions different from my own, please send written concurrence at your earliest convenience.

Sincerely,



Pamela J. Evans  
Senior Hazardous Materials Specialist

c: Richard Faber, Helmut Motors  
T. L. Bush, T. L. Bush, Inc.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R02454

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

December 6, 1990

Richard Faber  
Helmut Motors  
82 W. A St.  
Hayward CA 94541

RE: Underground Storage Tank Removal and Soil Sampling Results

Dear Mr. Faber:

This letter is a follow up to our discussion of the sampling results for tank pit and stockpiled soil. Of concern were the Total Oil and Grease (TOG) levels in samples 7 and 9, and the xylene concentration found in sample 6.

I have discussed the sampling results and the characteristics of your site with Richard Hiatt of the Regional Water Quality Control Board. In order to work toward site closure, you must take the following steps, at a minimum:

1. Further overexcavate soil from the former waste oil tank pit. Remove a minimum depth of one foot of soil from the bottom of the pit. The excavation must extend laterally at least the width and length of the former tank.
2. Sample and analyze soil for total oil and grease at one to two feet below where the last analyzed sample was taken (sample #1 taken 11/8/90). I recommend that you have a second sample taken approximately one foot below the first. If the first sample is found to contain TOG above detectable limits, you may be required to analyze this second sample.

Another issue we have discussed is the xylene contaminated backfill soil that was returned to the fuel tank pit with my concurrence. Because xylene is volatile, the low level (.034 ppm) detected in sample 6 is likely to have evaporated by the time the excavated soil was returned to the pit. Thus it is unlikely to represent a threat to groundwater.

Additionally, before I can recommend closure of your site to the RWQCB, I will need complete sampling reports from T.L. Bush. Items that must be included in the report:

1. Sampling and analytical protocols and QA/QC results
2. Location and depth of each sample

Richard Faber  
Helmut Motors  
December 6, 1990  
Page 2 of 2

Because contamination was found at your site, you must fill out and return the enclosed Soil Contamination Report. Please return this completed form by December 20, 1990.

Finally, I recommend that you have a soil boring done by a qualified engineer or geologist in order to establish depth to groundwater and subsurface soil conditions. Borings provide soil permeability data, which is particularly useful in evaluating whether closure should be granted for sites with shallow groundwater.

Please inform me prior to further sampling from the waste oil tank pit. You may contact me with any questions concerning your site at 271-4320.

Sincerely,



Pamela J. Evans  
Hazardous Materials Specialist

Enclosure

c: Richard Hiett, Regional Water Quality Control Board  
Tanya L. Bush, T. L. Bush

Richard Faber  
Helmut Motors  
December 6, 1990  
Page 2 of 2

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Pamela J. Evans  
Hazardous Materials Specialist

Enclosure

c: Richard Hiett, Regional Water Quality Control Board  
Tanya L. Bush, T. L. Bush

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
 DEPARTMENT OF ENVIRONMENTAL HEALTH  
 HAZARDOUS MATERIALS DIVISION  
 80 SWAN WAY, ROOM 200  
 OAKLAND, CA 94621  
 PHONE NO. 415/271-4320

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH  
 470 - 27th Street, Third Floor  
 Oakland, CA 94612  
 Telephone: (415) 874-7217

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated by this Department are to assure compliance with State and local laws. The project proposed is not to be carried out for purposes of any other State or local health laws.

One copy of these plans and specifications shall be available to all contractors and subcontractors involved with the removal.

Any change or alteration of the original specifications must be submitted to the Department and to the Fire and Building Inspection Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 48 hours prior to the following required inspections:

- \_\_\_\_ Removal of Tank and Piping
- \_\_\_\_ Sampling
- \_\_\_\_ Final Inspection

Issuance of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

9-26-90  
 THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Project # 577023  
 Fee Paid \$744.00  
 Date 8/30/90

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name Helmut Motors, Inc.  
 Business Owner Richard Faber
2. Site Address 82 "A" Street  
 City Hayward Zip 94541 Phone (415) 582-1238
3. Mailing Address 82 "A" Street  
 City Hayward Zip 94541 Phone 582-1238
4. Land Owner Richard Faber  
 Address 82 "A" Street City, State Hayward, CA Zip 94541
5. EPA I.D. No. CAC 000505992
6. Contractor T. L. Bush  
 Address 279 Flint CA  
 City Hayward Phone 415 727-4149  
 License Type A, Haz ID# 552441
7. Consultant N/A  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ Phone \_\_\_\_\_

8. Contact Person for Investigation

Name Tanya Bush Title owner  
Phone (415) 727-4149

9. Total No. of Tanks at facility 3

10. Have permit applications for all tanks been submitted to this office? Yes [] No []

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name Erickson Inc. EPA I.D. No. CAD009466392  
Address 255 Parr Boulevard  
city Richmond State CA zip 94801

b) Rinsate Transporter

Name Erickson Inc. EPA I.D. No. CAD009466392  
Address 255 Parr Boulevard  
city Richmond state CA zip 94801

c) Tank Transporter

Name H & H Environmental Services EPA I.D. No. CAD004771168  
Address 220 China Basin  
city San Francisco state CA zip 94107

d) Tank Disposal Site

Name H & H Environmental Services EPA I.D. No. CAD004771168  
Address 220 China Basin  
city San Francisco State CA zip 94107

e) Contaminated Soil Transporter

Name N/A EPA I.D. No. \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

12. Sample Collector

Name Louis DuPuis

Company Trace Analysis Laboratory

Address 3423 Investment Boulevard, Unit 8

City Hayward State CA Zip 94545 Phone (415) 783-6960

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
5,000	To owner's best knowledge, not in use for 25 years	Gasoline (leaded)	As shown on attached plot plan ±3' below surface, 2/bnk at each end
5,000			
500	in use for only 3 months	Waste Oil	1' below middle of tank 1' 20 linear feet of piping

14. Have tanks or pipes leaked in the past? Yes [ ] No [X]

If yes, describe. \_\_\_\_\_

15. NFPA methods used for rendering tank inert? Yes [X] No [ ]

If yes, describe. <sup>Purise, if needed</sup> Dry ice, + use explosimeter to be brought to site by contractor

An explosion proof combustible gas meter shall be used to verify tank inertness.

16. Laboratories

Name Trace Analysis Laboratory

Address 3423 Investment Blvd, Unit 8

City Hayward State CA Zip 94545

State Certification No. 122



17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
Gasoline (leaded) TPH as gas BTX+E	EPA 5030	GCFID 8020 and Luft Manual <i>Analyst prob met</i>
Waste Oil	EPA 5030 and Luft Manual	8010; 8020; Luft Manual; SM 503 E

18. Submit Site Safety Plan

19. Workman's Compensation: Yes  No

Copy of Certificate enclosed? Yes  No

Name of Insurer State Compensation Insurance Fund

20. Plot Plan submitted? Yes  No

21. <sup>Fee</sup> Deposit enclosed? Yes  No

22. Please forward to this office the following information within 60 days after receipt of sample results.

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

Thurs  
8:00

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel and safety.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) after approval of this closure plan in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

Name (please type) \_\_\_\_\_

Signature Tatyana L. Bush

Date 8/7/90

Signature of Site Owner or Operator

Name (please type) \_\_\_\_\_

Signature Richard P. Laber

Date 8-30-90

T. L. BUSH  
General Engineering Contractor  
California License #552441  
Caltrans Certified WBE

279 Flint Court  
Hayward, CA 94541  
(415) 727-4149

PROPOSAL AND SITE SAFETY PLAN

Proposal Submitted to: Proposal #305

Mr. Richard Faber  
Helmut Motors, Inc.  
82 "A" Street  
Hayward, CA 94541

Date: 3/26/90

Work to be performed at:

Same

Site Safety officer: Tanya Bush

WORK TO BE PERFORMED (includes all material and labor)

- 1) Obtain required permits pertaining to tank removal.
- 2) Notify all appropriate agencies as required prior to commencement of work. Alameda County Health Dept & Local Fire Dept.
- 3) Remove two 5,000 gallon underground fuel storage tanks and one 500 gallon underground waste oil tank, as well as any adjacent piping.
- 4) Load tanks and piping onto a properly licensed hazardous waste transport to be transported, cleaned, and disposed of according to proper procedure.
- 5) If any piping is to be abandoned in place, seal lines.
- 6) Place excavated material in designated area. Underlay material with 4mm polyethylene film.
- 7) Install barricades and {caution tape / safety ribbon} around excavation for the duration of the excavation remaining open.
- 8) Remove portion of existing fence adjacent to sidewalk and place temporary fencing as needed.

Respirators & respirator cartridges shall be available.

PROPOSAL

9) Backfill opening with previously excavated soil and imported fill material.

Note: T.L. BUSH to provide Public Liability Insurance and all required safety equipment. All required safety procedures are to be followed by the Contractor.

The following items are not included:

- 1) Removal and disposal of contaminated material.
- 2) Excavation other than what is necessary for removal of tanks.
- 3) Remediation of contaminated soil.

The above work is to be performed in accordance with all applicable regulations and completed in a substantial workman-like manner for the sum of Eleven Thousand Eight Hundred Ninety Dollars (\$11,890.00),

with payments to be made as follows: 25% down (\$2,972.50) upon acceptance of contract, 25% (\$2,972.50) prior to start of work, and 50% (\$5,945.00) upon completion of work.

Respectfully submitted Tatyana L. Bush

ACCEPTANCE OF PROPOSAL

Signature Tal P. [Signature]

Date 8-2-90

(H) 449-1012

## TL BUSH SAFETY PROGRAM

### 1.0 MANAGEMENT

1. All department managers shall maintain an accident prevention program. The program shall provide that capable, responsible persons shall make regular inspections of all excavations, forms, stairs, ladders, structures, machinery, and equipment at frequent intervals.
2. The department manager shall take immediate action to correct any hazards under his control.
3. Monthly (or more frequent) meetings of all foremen shall be held under the direction of management for a discussion of safety problems.
4. Supervisors shall conduct "tailgate" or "toolbox" safety meetings with their crews at the beginning of each new project and every 10 working days thereafter.
5. Joint labor/management cooperation and frequent jobsite inspections shall be performed to identify and correct unsafe work conditions or practices.

## 2.0 SUPERVISION

1. All work in an excavation will be supervised by a qualified person.
2. No person will be allowed to enter the excavation until a qualified person has determined that no hazard exists from moving ground. Under no circumstances will personnel be permitted to enter an excavation deeper than 5 feet. Proper shoring must be provided and OSHA approval received before personnel are permitted to enter excavation greater than 5 feet deep.
3. Supervisor shall carefully plan each job prior to beginning field operations. Consideration will be given to probable hazards in the operation related to methods, processes, practices, job site, etc. Workers will be trained to do their jobs properly and safely; supervisors shall pay special attention to training new workers.
4. In accordance with Construction Safety Order 1511, supervisors will make a thorough survey of the site conditions to determine so far as practicable, the predictable hazards to employees and the kind and extent of safeguards necessary to prosecute the work in a safe manner.
5. Supervisors will immediately report all serious job-related, or suspected job-related, injuries and deaths to the Division of Occupational Safety and Health.

### 3.0 SAFETY

1. All employees will be given instructions regarding the hazards and safety precautions applicable to the type of work in question and directed to read the code of safe practices.
2. Only those employees qualified by training or experience shall be permitted to operate equipment and machinery.
3. Where employees may be subject to hazardous materials or substances, they shall be instructed in the recognition of the hazard, in the procedures for protecting themselves, and in the first aid procedure in the event of injury.
4. Every employee will be provided with the necessary safety equipment required for that project, boots, gloves, hard-hats, etc.
5. No employee shall be required or knowingly permitted to work in an unsafe place, unless for the purpose of making it safe and then only after proper precautions have been taken to protect him while he is doing such work.

**STATE**  
COMPENSATION  
INSURANCE  
**FUND**

P.O. BOX 807, SAN FRANCISCO CA 94101-0807

**CERTIFICATE OF WORKERS' COMPENSATION INSURANCE**

AUGUST 21, 1990

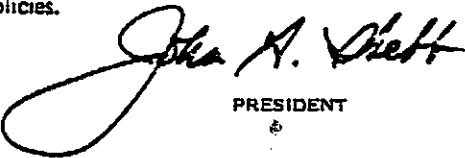
POLICY NUMBER: 1213305-90  
CERTIFICATE EXPIRES: 8/1/91

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon ten days' advance written notice to the employer.

We will also give you TEN days' advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

  
PRESIDENT

EMPLOYER

TALYANA L. BUSH  
DBA: T.L. BUSH  
279 FLINT CT.  
HAYWARD, CA 94541