

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R01041

RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

StID 4599

December 1, 1995

Mr. Andrew Clark-Clough
City of Oakland, OPW
1333 Broadway, Suite 1001
Oakland, CA 94612

RE: Groundwater Investigation at 934 34th St, Oakland

Dear Mr. Clark-Clough:

On March 2, 1995 this office requested a workplan for additional subsurface investigations at the above referenced site. A groundwater investigation proposal was due by May 3, 1995. As of the date of this letter, however, we have not received any communication from you on this matter.

Be advised, according to Section 25298 of the California Health and Safety Code, underground storage tank closure is incomplete until the responsible party characterizes and remediates the contamination resulting from product discharge. Therefore, the City of Oakland, as the responsible party, is in violation of this section of the Code.

Again, please submit a workplan for the required investigation within 45 days of the date of this letter, or by **January 17, 1996.**

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

cc: *VP* Okey Ozoh, City of Oakland, 7101 Edgewater Dr, Oakland
94621
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R01041

RAFAT A. SHAHID, Assistant Agency Director

StID 4599

March 2, 1995

Mr. Andrew Clark-Clough
City of Oakland - OPW
1333 Broadway, Suite 1001
Oakland, CA 94612

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

**RE: Groundwater Investigation at Firehouse #5, 934 34th St,
Oakland 94609**

I have completed review of the case file for the above referenced site. When a 285 gallon underground diesel tank was removed in July 1993, soil samples collected in native soil exhibited up to 780 ppm TPH-D, 1.2, 12, and 55 ppm toluene, ethylbenzene, and xylenes, respectively. The pit was overexcavated and four verification samples collected did not contain detectable levels of TPH-D or BTEX.

Adjacent sites, namely 3420 San Pablo and 936 Brockhurst, indicate first encountered groundwater to be at approximately 15' depth. Since groundwater is relatively shallow, additional investigations are required to determine if groundwater has been impacted by the fuel release at this site. A workplan for this phase of the investigation is due within 60 days of the date of this letter, or by **May 3, 1995**.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

cc: files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01041

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

September 15, 1993
STID# 4599

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. Okey Ozoh
City of Oakland, Municipal Bldg.
7101 Edgewater Drive
Oakland, California 94621

**RE: Removal of a Diesel Underground Storage Tank at City of
Oakland Firehouse #5 - 934 34th Street, Oakland, CA 94609**

Dear Mr. Ozoh:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the files concerning the removal of one diesel underground storage tank on July 13, 1993 at the referenced site. We are in receipt of the following reports:

- Analytical results of the soil samples collected during the tank removal activity
- Workplan Phase II Environmental Site Assessment (August 2, 1993) prepared by Moju Environmental Technologies
- Result of the Phase II Environmental Assessment (August 31, 1993) prepared by Moju Environmental Technologies
- Underground Storage Tank Unauthorized Release (Leak)/ Contamination Site Report (July 26, 1993)

Soil samples collected beneath the tank areas (approximately 7' to 7.5' bgs) showed 780 ppm TPH diesel. Bottom soil sample collected in the middle of the excavation pit (approximately 13' bgs) detected 91 ppm TPH diesel.

Based on the result of the Phase II environmental assessment (10 soil samples and one water sample), it appears that the contamination is limited in the area of the former tank location. This agency concurs with the proposed overexcavation of the existing tank pit to remediate the soil contamination at the site. However, the following issues must be addressed:

- Verification soil samples must be collected and analyzed for target compounds (TPH gasoline, TPH diesel, benzene, toluene, ethyl benzene and xylene) by a California state certified laboratory
- Only clean fill must be used to backfill the excavation pit. Reuse of stockpiled soil must be approved by this agency. Soil samples must be collected at the rate of one discreet sample per twenty cubic yards and analyzed for target compounds.

Mr. Okey Ozoh
RE: 934 34th Street, Oakland, California 94609
September 15, 1993
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- Please notify this office at least 72 hours in advance for the start of the proposed overexcavation so a site visit can be arranged by a representative from this office.

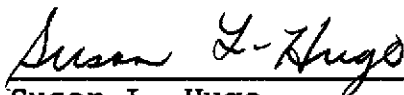
Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). These reports must include information pertaining to further investigative results; the methods of cleanup actions implemented to date; and the method and disposal of any contaminated material. Copies of manifests for such disposal must be sent to this office. Please provide our office with documentation of the stockpiled soil disposal and the manifest for the underground storage tank disposal.

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 professionals involved with the project.

Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267(b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency.

Should you have any questions regarding this letter, please contact me at (510) 271-4530.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Rich Hiett, San Francisco Bay RWQCB
Edgar B. Howell, Chief, Hazardous Materials Division / file
Joseph Cotton, Office of Public Works, City of Oakland
1333 Broadway, Suite 330, Oakland, CA 94612
Odili Ojukwu, Moju Environmental Technologies
315 Washington Street, Suite 200, Oakland 94607