

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

August 19, 1992
STID# 3248

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

R0561

Mr. Robert Fitzmaurice
J. H. Fitzmaurice
2857 Hannah Street
Oakland, California 94608

**RE: Status of Soil/Groundwater Investigation for
2857 Hannah Street, Oakland CA 94608**

Dear Mr. Fitzmaurice:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the following reports submitted by Riedel Environmental Services Inc. for the referenced site:

- * Excavation backfilling analytical results dated May 5, 1992
- * Analytical results dated June 1, 1992
- * Final analytical results dated June 15, 1992

Soil samples collected after overexcavation from Pit A (former gasoline tank location) showed non detectable levels of benzene, toluene and ethyl benzene. However, there are residual low levels of total petroleum hydrocarbon as gasoline (TPHg) at 16 parts per million (ppm) and xylene at 0.031 ppm that remain in the area of the excavation pit.

Soil samples collected after final overexcavation from Pit B (former diesel tank location) showed non detectable levels of TPH as diesel, benzene, toluene, ethyl benzene and xylene in all the sidewall samples. However, the bottom floor sample (12 feet depth) had 250 ppm TPH diesel, 75 ppm TPH (in the gasoline range) and 0.025 ppm xylene.

Verbal approval from this office was given to Stephen Schwartz of Riedel Environmental Services Inc. to backfill both excavation pits A and B with clean fill materials.

Soil borings collected from the former tanks location underneath the sidewalk detected elevated levels of TPH gasoline (850 ppm), benzene (0.13 ppm) and oil and grease (60 ppm). Soil contamination still exist at this former tank location and must be addressed. Please submit a workplan for addressing the soil contamination on or by **September 21, 1992**.

The stockpiled soil generated at the site must be properly dispose and fully documented. Please submit records of all stockpiled soil disposal.

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RE: 2857 Hannah Street, Oakland 94608
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The extent of groundwater contamination at the site must be determined. Groundwater contamination plumes must be defined to "non-detect" levels. Verified downgradient flow of groundwater must be established at the site. A minimum of three monitoring wells must be installed at the site. One of the wells must be within ten feet downgradient of the former tank location. Monitoring wells must be installed according to RWQCB's guidelines. Please adhere to a monthly groundwater elevation reading and quarterly sampling for TPH gasoline, TPH diesel, benzene, toluene, ethyl benzene, xylene, lead, nickel, chromium, zinc, cadmium, oil and grease as the sampling protocol until further notice from this office.

Please submit a time schedule for all the phases involved until completion of this investigation/remediation project.

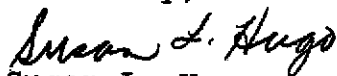
A report must be submitted within 45 days after completion of this investigation. All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project. Copies of reports and proposals must also be submitted to:

Rich Hiatt
RWQCB, San Francisco Bay Region
2101 Webster Street, Fourth Floor
Oakland, California 94612

Please be aware that this is a formal request 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 or RWQCB.

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

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rich Hiatt, RWQCB, San Francisco Bay Region
Mark Thomson, Alameda County District Attorney's Office
Edgar B. Howell / File
Stephen Schwartz, Riedel Environmental Services, Inc.
4138 Lakeside Dr., Richmond CA 94806

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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RAFAT A. SHAHID, Assistant Agency Director

February 10, 1992

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

Mr. Robert Fitzmaurice
J. H. Fitzmaurice
2857 Hannah Street
Oakland, CA 94608

RE: Work Plan for Soil Remediation - 2857 Hannah Street
Oakland, CA 94608

Dear Mr. Fitzmaurice:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the workplan for soil remediation submitted by Subsurface Environmental, Inc. for the referenced site.

Based on this review, the workplan is acceptable provided the following conditions are met:

- * Field tests are acceptable as a screening tool but laboratory analysis by a State certified laboratory are required for verification of the extent of soil contamination.
- * Documentation of what was done or will be done with the stockpiled soil must be submitted to this department. The number of samples collected from the stockpiled soil must be adequate to characterize the soil for handling/disposal method.
- * The extent of groundwater contamination at the site must be determined. Groundwater contamination plumes must be defined to "non-detect" levels. Verified downgradient flow of groundwater must be established at the site. Monitoring wells must be installed according to RWQCB guidelines.
- * A site safety plan must be prepared and submitted to this office.

Verbal concurrence has been given to Ms. Roxanne Harris of Subsurface Environmental, Inc. on December 9, 1991 regarding the implementation of the workplan.

A report must be submitted within 30 days after completion of this investigation. 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

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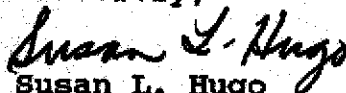
professional involved with the project. Copies of reports and proposals must also be submitted to:

Eddie So
Regional Water Quality Control Board, San Francisco Bay Region
2101 Webster Street, Fourth Floor
Oakland, California 94612

Please be aware that this is a formal request 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 or RWQCB.

Should you have any questions concerning this letter, please contact me at (510) 271-4320.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Gil Jensen, Alameda County District Attorney's Office
Eddie So, San Francisco Bay RWQCB
Howard Hatayama, State Department of Health Services
Roxanne Harris, Subsurface Environmental, Inc.
5200 Huntington Ave., Suite #1, Richmond, CA 94804
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0561

September 24, 1991

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

Mr. Robert Fitzmaurice
J.H. Fitzmaurice
2857 Hannah Street
Oakland, CA 94608

RE: Contamination Investigation Requirements for the Unauthorized Releases from Underground Storage Tanks at 2857 Hannah Street Oakland 94608

Dear Mr. Fitzmaurice:

We have reviewed the laboratory results for the soil and groundwater samples taken during the removal of two underground storage tanks (one 8,000 gallon gasoline and one 8,000 gallon diesel) on June 17, 1991 at the referenced site. In addition, we also reviewed the laboratory results for the soil samples taken during the removal of two underground storage tanks (one 300 gallon gasoline and one 1,000 gallon gasoline) on December 21, 1989 at the same site. Soil contamination of up to 1,000 parts per million (ppm) total petroleum hydrocarbons (TPH) as diesel was detected. Enclosed is an unauthorized leak report which must be filed with this office within 5 days of the date of this letter. Based on these findings and to make progress toward case closure, a workplan must be developed in accordance with Attachment A. The workplan must be submitted to our office within 30 days of the date of this letter and must contain a timetable for the completion of the workplan elements.

In addition to the workplan, the following items must be submitted:

- 1) Copies of the TSDF to generator copy of the manifests for the four tanks removed at the site;
- 2) Documentation of what was done or will be done with the stockpiled soil. Note: the number of samples collected from the stockpiled soil must be adequate to characterize the soil for handling/disposal method.

Our office will be the lead agency overseeing the investigation and cleanup activities at this site. The San Francisco Bay Regional Water Quality Control Board (SFRWQCB) is currently unable to oversee the large number of underground tank cases within Alameda County and has delegated the handling of this case to our Division. We will be in contact with the SFRWQCB in order to provide you with guidance concerning the SFRWQCB's investigation requirements. However, you must keep the SFRWQCB apprised of all actions taken to characterize and remediate

Mr. Robert Fitzmaurice
September 24, 1991
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the contamination at this site as the Board retains the ultimate responsibility for ensuring protection of the waters of the State. Please be aware that you are responsible for performing diligent actions to protect the waters of the State.

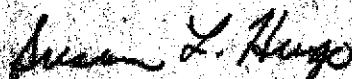
All proposals, reports and analytical results pertaining to this investigation must be sent to our office and to:

Eddie So
Regional Water Quality Control Board, San Francisco Bay Region
2101 Webster Street, Fourth Floor
Oakland, California, 94612

You should be aware that this Division is working in conjunction with the SFRWQCB and that this is a request for technical reports pursuant to California Water Code Section 13267 (b). Failure to respond or a late response to this request may result in civil penalties imposed by SFRWQCB, 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 SFRWQCB.

Should you have any questions concerning this letter, please contact me at (510) 271-4320.

Sincerely,



Susan L. Hugo
Hazardous Materials Specialist

enclosure
attachment

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Gil Jensen, Alameda County District Attorney's Office
Eddie So, San Francisco Bay RWQCB
Howard Hatayama, State Department of Health Services.
Files