

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

May 26, 1992

STID #1211

Aldo Guidotti
Estate of Jean Josephine
1 Bates Blvd., #300
Orinda CA 94536

RE: Pacific Cryogenic
2311 Magnolia St.
Oakland CA 94607

Dear Mr. Guidotti,

The case file for the above referenced site has recently been reviewed by our staff. The case has been reassigned to Jennifer Eberle, Hazardous Materials Specialist. Please mail future correspondence to her attention.

We are in receipt of the report entitled "Removal of Underground Storage Tanks," prepared by Geo-Environmental Technology, dated 11/29/89. The first page of this report states that "the tanks were backfilled with sandy soils." Does this mean that the **tanks** were found to contain soil upon removal? Or does this mean that the tank **excavations** were backfilled with soil, and, if so, **clean, imported soil, or the stockpile?** Page 2 of this report states that "GET field personnel observed no free product. . .in any of the tank excavations." Our inspector's inspection report of 6/30/89 states that "some product was observed on water surface" in the diesel tank excavation. Subsequent sampling of this pit water indicated 6.3 ppb benzene. Page 3 refers to **six soil samples** taken from below the waste oil tank. Our documents indicate that only **one soil sample** was taken from below the waste oil tank (GWO-1); another soil sample was taken from between the waste oil and gasoline tanks (GTP-3). We request a clarification of the above issues.

In addition, we agree with the conclusion for a groundwater investigation. Such an investigation usually entails the installation of three monitoring wells in a triangular fashion to both delineate groundwater gradient, and to sample the required analytes. If you opt to only install one monitoring well, it must be located within 10 feet in **the verified downgradient** direction from the waste oil pit. You must demonstrate to us the gradient prior to well installation. Analytes must include TPH-g, TPH-d, BTEX, Oil and Grease, Cd, Cr, Pb, Zn, Ni, chlorinated hydrocarbons, and EPA Method 8270 analytes.

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
30 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4020

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We would normally require overexcavation of the soil in the waste oil pit, assuming this soil was the original stockpile. However, since it has been nearly 3 years since the tanks were originally excavated, it is uncertain whether the same concentrations remain in the soil at the waste oil pit. Soil borings could determine the present level of contamination at the waste oil pit.

Therefore, we request that you submit a workplan for soil borings as well as a written response to the issues raised in the second paragraph **within 45 days** from the date of this letter, or **by July 11, 1992**. All proposal, reports, and analytical results pertaining to this investigation and remediation must be sent to our office and to:

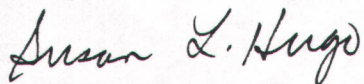
Rich Hiett
RWQCB, San Francisco Bay Region
2101 Webster St., Suite 500
Oakland CA 94612

All work must be performed according to the Leaking Underground Fuel Tank Field Manual, (LUFT Manual), revised 10/89, and the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Storage Tank Sites, revised 8/10/90, as summarized in Appendix A.

Copies of these documents can be obtained by calling the SFRWQCB data management group at 510-464-1269.

If you have any questions, please phone Jennifer Eberle at 510-271-4320.

Sincerely,



Susan Hugo
Senior Hazardous Materials Specialist

cc: Stuart Solomon, Geo-Environmental Technology, 1936 Camden Av.,
Ste #1, San Jose, CA 95124
Rich Hiett, RWQCB
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