

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

Certified Mailer # P113 815 114

July 13, 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

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

Dear Mr. Guidotti,

The case file for the above referenced site has been reassigned to Jennifer Eberle, Hazardous Materials Specialist. Please forward 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 field 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 groundwater monitoring wells in a triangular fashion to both delineate groundwater gradient, and to sample the required analytes. Groundwater analytes must include TPH-g, TPH-d, BTEX, Oil & Grease, Cd, Cr, Pb, Zn, Ni, chlorinated hydrocarbons, and EPA Method 8270 analytes.

Up to 270 ppm TPH-d and several semi-volatile organic compounds were detected in soils sampled beneath the waste oil tank. We would normally require overexcavation of the soil in the waste oil pit. However, since it has been nearly 3 years since the

Aldo Guidotti
STID 1211
July 13, 1992
Page 2 of 2

tanks were removed, it is uncertain whether the same concentrations remain the soil at the waste oil pit. Soil borings could determine the present level of contamination at the waste oil pit.

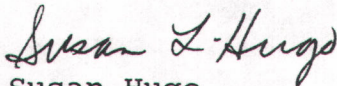
Therefore, we request that you submit a workplan for delineation of soil contamination, as well as a written response to the issues raised in the second paragraph **within 45 days** from the date of this letter, or **by August 28, 1992**.

All reports and proposals must be submitted **under seal** of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. All proposals, reports, and analytical results pertaining to this investigation and remediation must be sent both to our office and to:

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

If you have any questions, please contact 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

File

je

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

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Aldo Guidotti

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