ALAMEDA COUNTY
HEALTH CARE SERVICES

State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

AGENCY

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

Hazardous Materials Division

80 Swan Way, Rm. 200

Oakland, CA 94621 (510) 271-4320

DEPARTMENT OF ENVIRONMENTAL HEALTH

July 22, 1992

Certified Mailer # P 113 815 245

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,

We are in receipt of the "Groundwater Sampling Report," prepared by Hageman-Aguiar, Inc., dated 4/13/92, under your cover letter dated 7/9/92. We are also in receipt of the "Report of Quarterly Groundwater Sampling," prepared by Hageman-Aguiar, Inc., dated 6/23/92, under your cover letter dated 7/14/92. A number of issues were raised upon review of these reports:

- The site maps for both reports do not indicate the location of all three tanks. Please indicate these locations, as well as dispenser and piping locations on a site map. Please also indicate Magnolia St.
- Groundwater elevations in the 6/23/92 report were incorrectly copied onto Figure 3, the contour map. Please resubmit a corrected version of this map, and restate the groundwater flow direction accordingly.
- 3. Please submit the results from the purge water sampling within 45 days from the date of this letter, or by September 7, 1992. You stated on page 5 of the 6/23/92 report that "the disposal of wastewater is the responsibility of the property owner. . " Please submit documentation of disposal of the purge water. Be advised that hazardous substances may not be stored onsite for longer than 90 days without a storage permit.
- 4. When were the three monitoring wells installed? Please provide information regarding the installation of MW-2 and MW-3, as well as a more legible copy of the boring log for MW-1, within 45 days from the date of this letter, or by September 7, 1992.

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

Sincerely,

Susan Hugo

Senior Hazardous Materials Specialist

cc: Gary Aguiar, Hageman-Aguiar, 3732 Mt. Diablo Blvd., Suite 372, Lafayette, CA 94549

Rich Hiett, RWQCB

File

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Aldo Guidotti STID 1211 Page 2 of 3 July 22, 1992

- 5. We are concerned with the statement in Attachment D of the 4/13/92 report, that "wells MW-2 and MW-3 are not set in surface boxes, and surface water was flowing into the space around the casing of MW-3." Therefore, we request that traffic-rated boxes be installed around these wells to prevent surface water infiltration. Please submit documentation of such activity within 30 days of the date of this letter, or by August 22, 1992.
- 6. All three wells had high turbidity levels, as per the 6/23/92 report. MW-2 and MW-3 had high turbidity levels during the 4/3/92 sampling. The 3/20/92 report by Bernabe and Brinker, compiled as Attachment D in the 4/13/92 report, states that "MW-2 and MW-3 had to be cleaned of bentonite and other debris before they could be sampled." Since these wells have a history of turbidity and other debris, we request that you redevelop all three wells prior to the next round of sampling. We request sampling on a quarterly basis, and submission of quarterly reports to Jennifer Eberle of this office.
- 7. There was no seal or signature by a recognized professional in the "Results of Groundwater Sampling and Analyses," report, prepared by Bernabe and Brinker, Inc., dated 3/20/92, which was added as Attachment D in the 4/13/92 report by Hageman-Aguiar, Inc. A recognized professional includes a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. Your current consultant, Hageman-Aguiar, Inc., sealed their reports by a California-Registered Professional Engineer, and appears to be properly qualified.
- 8. We agree with the conclusion in the 4/13/92 report to remove the existing underground piping along with any contaminated soil. Soil beneath the piping and dispenser must be sampled at the rate of one sample per 20 linear feet. Soil beneath the dispenser must also be sampled. We request that you arrange to perform this activity within 45 days from the date of this letter, or by September 7, 1992. Please notify Jennifer Eberle, or myself as an alternate, of this office three working days in advance of this field activity.

Put your address in the "RETURN TO" Space on the card from being returned to you. The return receipt fet to and the date of delivery. For additional fees the for fees and check box(es) for additional service(s) 1. Show to whom delivered, date, and address (Extra charge)	ollowing services are available. Consult postmast
3. Article Addressed to: (JE) #1211	4. Article Number
	P 113 815 245
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Orinda, CA 94536	for Merchandise
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DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISON

80 SWAN WAY, SUITE 200 OAKLAND, CA 94621 430 - 4530