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November 19, 1992

Ms. Jennifer Eberle
Alameda County
Health Care Services Agency
Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621

CALIF. REG. WATER
NOV 23 1992
QLTY. CONTROL BOARD

**Subject: Remedial Action Workplan
Aratex Services, Inc.
330 Chestnut St.
Oakland, CA 94607**

Dear Ms. Eberle:

This letter provides a written response to your letter dated April 8, 1992, received in our office on April 13, 1992. In that letter, Alameda County approved the RMT, Inc. (RMT) workplan for remediation of TPH-impacted soil, dated January, 1992.

Background:

One 2,000-gallon underground diesel storage tank, utilized by the Aratex facility for back-up boiler operation, was removed in December of 1988. The Alameda County Health Care Services Agency (ACHCSA) reviewed closure documentation and required a supplementary subsurface investigation to evaluate potential fuel hydrocarbon impact on soils or groundwater.

In spring of 1989, four 2-inch diameter groundwater monitoring wells were installed to depths ranging from 24 to 27 feet below grade. No detectable concentrations of petroleum hydrocarbons were identified in soil or groundwater samples from wells RAO-1, RAO-2, or RAO-4. However, the soil sample collected at 8 feet below grade (the capillary fringe), and groundwater samples from RAO-3 contained elevated concentrations of both TPH and BTEX. Although not measurable at the time of installation, a sheen of product was noted on the groundwater from RAO-3.

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In March 1990 and December 1991, RMT resampled the groundwater monitoring wells at the Aratex facility. Results of laboratory analysis of groundwater samples were similar to the spring, 1989 sample analysis results; however, in March 1990 and December 1991, 1.13 feet and 1.66 feet of floating product, respectively, were observed in groundwater monitoring well RAO-3. In November 1992, the most recent round of sampling was conducted. At that time product thickness in groundwater monitoring well RAO-3 was 1.56 feet. Laboratory results have not yet been received from the November round of groundwater monitoring.

Objective:

The objective of remedial action in the vicinity of the former UST is to remove the free product present on groundwater.

Scope of Services:

The following tasks will be performed:

- Update the site-specific health-and-safety plan.
- Install a removable free product recovery canister in the existing 2-inch well, RAO-3. This canister will contain a semi-permeable membrane which will prevent the sump from filling with water.
- Empty the free product canister manually, as necessary. Record the volume of free product removed.
- If free product recovery occurs at a rate which makes manually emptying the canister impractical, install a free product pump and above-ground storage system. It is anticipated that the need for an automated system will be evaluated within the first two months of operation.
- Prepare a quarterly progress report for submittal to Alameda County Health Care Services Agency and the Regional Water Quality Control Board. This report will contain a summary of field methods, and a summary of the volume of product removed during the quarter.

Anticipated Schedule:

The product recovery well and canister are expected to be installed during the week of November 30, 1992. Free product recovery rate will be monitored and the product recovery canister will be maintained on a regular basis; two site visits will be conducted during the first month after installation,

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and monthly site visits will be conducted thereafter. The schedule for canister maintenance may be more frequent if product collects quickly. A quarterly progress report is anticipated to be submitted in March 1993.

Waste Disposal

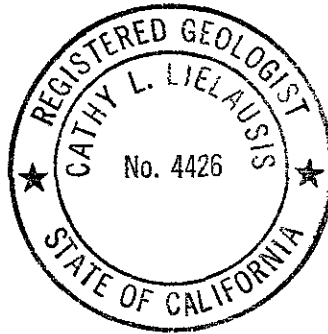
Free product removed will be placed in a 55-gallon drum and left on-site for pick-up by a recycler.

If you have any questions regarding the proposed investigation, please call Cathy Lielausis at (310) 452-5078.

Sincerely,

Cathy L. Lielausis

Cathy L. Lielausis, RG 4426
Senior Geologist
Project Manager

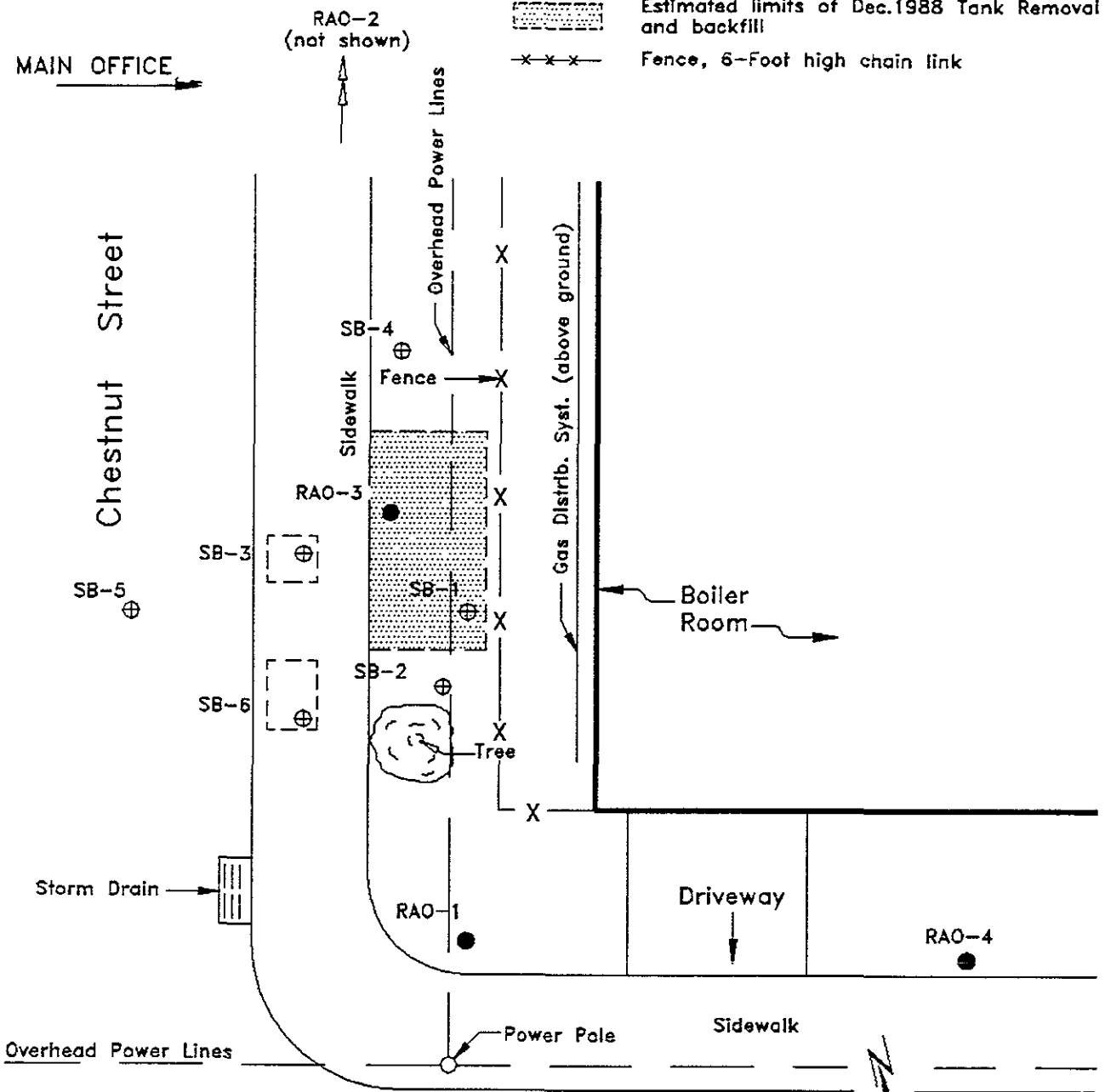


Enc: Figure 1 - Site Plan

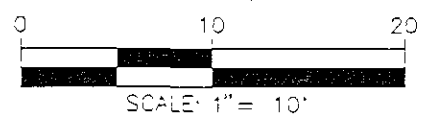
cc: Rich Hiatt, RWQCB

Legend :

- RAO-x ● Ground Water Monitoring Well ; RMT 6/89
- SB-x ⊕ Soil Boring ; RMT 9/90
- Plant
- Estimated limits of Dec.1988 Tank Removal and backfill
- x-x-x- Fence, 6-Foot high chain link



Interpretec Areal Extent
of
Petroleum Hydrocarbon Affected Area
 Aratex Services, Inc.
 330 Chestnut Street
 Oakland, Ca



RMT INC.	OWN. BY RAS
	DATE NOV., 1992
	PROJ # 12013.06
	FILE # 13220306

Figure 1