

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0918

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

December 31, 1992

Richard Hiatt
RWQCB, S.F. Bay Region
2101 Webster St., Ste. 500
Oakland, CA 94612

STID 4392

RE: Alameda Electric, located at 2420 Blanding Avenue, Alameda

RECOMMENDATION FOR UST CASE CLOSURE

Dear Mr. Hiatt,

On May 21, 1992, two 500-gallon gasoline USTs were removed from the above site. An Alameda County Hazardous Materials Specialist, Kevin Tinsley, was out at the site to observe the tank pull and sampling (Please refer to attached copies of his notes). There were no apparent holes observed in the tanks nor any floating product or sheen observed on the ground water in the tank pit.

Five soil samples were collected from the sidewalls of the tank pit, SW-1 through SW-5, from approximately 5 to 6 inches above the groundwater level in the tank pit, located at 6.5 feet below ground surface (bgs). Two ground water samples were collected from the pit, and two soil samples, P1 and D1, were collected from beneath the product piping and dispenser at 3 feet and 2 feet bgs. These samples were analyzed for TPHg, using EPA method 5030 in conjunction with modified 8015, benzene, toluene, xylenes, and ethylbenzene, using EPA Method 8020, and organic lead using the DHS LUFT Manual Method (12/87).

Analysis of the sidewall soil samples identified 0.0094 ppm toluene, 0.045 ppm xylenes, and 0.0061 ppm ethylbenzene in sample SW2, collected from the west wall, and 0.014 ppm xylenes in Sample SW3, collected from the eastern wall. The other sidewall samples did not detect any contamination. Sample D1, collected beneath the dispenser, identified 1.3 ppm TPHg, 0.0057 ppm toluene, and 0.0073 xylenes. Sample P1, collected beneath the piping, identified 0.0061 ppm toluene and 0.014 ppm xylenes. Lastly, one of the two ground water samples collected from the tank pit identified only 110 ppb TPHg and no other contaminants, while the other ground water sample did not identify any contaminants.

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Approximately 50 cubic yards of excavated soil was generated from the tank removal and stockpiled on site, and one composite soil sample, consisting of four individual grab samples, was collected and analyzed on May 15, 1992. Analysis of this sample identified 320 ppm TPHg and trace concentrations of BTEX (Please refer to attached KEI, Inc. report, dated October 19, 1992). This soil was allowed to aerate for several months and was once again sampled on August 26, 1992. Analysis of the second composite sample did not identify any contaminants. This soil was subsequently hauled off site by Conrad and Son Trucking of Escalon, California, and disposed of at Redwood Landfill, a Class III landfill.

Per a conversation with Mr. Paul Paradiso, Paradiso Construction Co., on December 23, 1992, the product piping, which was approximately 5 feet long, was removed, placed into one of the removed USTs, and the USTs and piping were disposed of off site.

The following documents are attached for use as references:

- o A copy of Alameda County's "Hazardous Materials Inspection Form" for the tank removals.
- o KEI, Inc's Stockpiled Soil Sampling Report, dated October 19, 1992.
- o KEI, Inc's Tank Removal and Sampling Report, dated June 29, 1992.
- o Copies of manifests for the disposal of USTs from the site.

Considering the above information, this office recommends that this site be considered for closure by RWQCB. Please review the above information for site closure considerations. After your review, please notify this office as to whether RWQCB concurs with this Department's decision.

Sincerely,

Juliet Shin
Hazardous Materials Specialist

cc: Edgar Howell-File(JS)