

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R02841

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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

StID 3200

July 19, 1993

Mr. Sumadhu Arigala
S.F. Bay RWQCB
2101 Webster St., Suite 500
Oakland, CA 94612

**Subject: Site Closure for Associated Concrete, 1901 Isabel Ave.,
Livermore, CA 94550**

Dear Mr. Arigala:

This office has completed review of the case file for the above referenced site to determine if the site is ready for case closure.

In March 1991, two double-walled USTs (one diesel, one gasoline) were removed from the referenced site. Soil samples taken from native soils beneath the tanks exhibited up to 2.9 ppm TPH-G and did not detect any TPH-D or BTEX. However, rain water had entered the pit before the tank removal procedure was completed. A water sample analyzed showed elevated levels of gas and diesel fuel products. The analytical results from the stockpiled soil exhibited up to 2,000 ppm TPH-D.

A preliminary site assessment commenced in June 1991 with the advancement of three soil borings to a depth of 25-28 feet within the former UST pit to a depth ranging from 15-28 feet. Laboratory analyses of soil samples taken from the soil borings did not detect TPH-G, TPH-D, or BTEX above the MDL.

Sixty cubic yards of excavated soil, split into two piles, were bioremediated on site. The smaller pile, approximately 20 cubic yards, was later used onsite for road grading after laboratory analysis showed the soil did not contain any diesel contamination. The other 40+ cubic yards was later hauled to Vasco Landfill for disposal.

Because active groundwater pumping occurs at the nearby Lonestar Gravel Pits, groundwater flow direction at this site appears to be toward the north and northwest. Depth to groundwater is approximately 100 feet below ground surface.


From my review of the data presented, it appears that most of the fuel contaminated soil was removed from the former UST pit at the time of the tank removal. There is at least 50 feet of soil separating the groundwater table and the last detected hydrocarbons in soil, therefore, the installation of a groundwater monitoring well was not required.

Mr. Sumadhu Arigala - RWQCB
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It is my opinion that this case should be reviewed by the RWQCB for case closure. Please contact me at (510) 271-4530 should you need a copy of any reports pertaining to this site, or if you need additional information.

Sincerely,



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Hazardous Materials Specialist

cc: Nick DeFeo, Associated Concrete Products, 1901 Isabel Ave.,
Livermore, CA 94550
Danielle Stefani, Livermore Fire Department
Bradd Stately, RMC Lonestar, 4750 Norris Canyon Rd.,
San Ramon, CA 94583
files

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