

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO# 2836

StID 6351

March 16, 1998

Mr. Harjit Sidhu, Project Engineer  
City of Livermore-Engineering Div.  
3589 Pacific Ave  
Livermore, CA 94550-4899

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
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**RE: No Further Action at North Mines Road Grade  
Separation/Extension, Livermore, CA**

Dear Mr. Sidhu:

In May 1997 the City of Livermore requested that this Agency oversee and review reports related to environmental remediation/cleanup associated with the North Mines Road extension project in Livermore. A summary of events as documented in reports submitted to this office follows.

In the process of constructing the North Mines Road Grade Separation/Extension, the concrete slab and debris associated with a former sewage settling tank (which also was used by an automotive shop for the disposal of waste oil) was encountered. To avoid a construction delay, the City of Livermore approved the removal and disposal of the concrete rubble and any contaminated and non-contaminated debris/soil within 100 yards of the former concrete tank.

An oily black material was observed among the concrete rubble. It was characterized to contain up to 84,000 ppm non-polar oil and grease. The oil appeared to have leaked into the soil below the concrete slab. In addition, an asbestos cement pipe, partially filled with free product, was uncovered at Bend #2, just east of the former concrete vessel. This free product was analyzed and contained 170,000 ppm total petroleum hydrocarbons (probably waste oil), 39 ppm PCE and 1.6 ppm TCE.

Hydrocarbon-impacted soil below the concrete slab was excavated. After overexcavation confirmatory soil samples were collected. Oil and grease was not identified above the detection limit of 50ppm. Approximately 25 tons of soil (containing a maximum of 850 ppm TOG) was hauled to and incorporated into an abutment fill at the Stevenson Overcrossing project in Fremont, CA.

Work at Bend #2 included the excavation, removal and disposal of hydrocarbon-impacted soil, free product in the form of waste oil, and asbestos cement pipe. The liquid waste oil was disposed of at Clearwater Environmental in Hayward, CA. Approximately 6 tons of excavated soil was disposed of at Vasco Road Landfill, and ~450 pounds of asbestos cement pipe was taken to Altamont Landfill.

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It appears work performed for the City of Livermore in the vicinity of the former concrete vessel was hauled and disposed of in a manner which would be protective of construction workers and the environment. Residual soil contamination may exist beyond the area excavated by the City of Livermore during this construction phase. Because this land is not owned by the City of Livermore, any other site assessment, if required, will be the responsibility of the current property owner and/or responsible parties. It is this office's understanding that the Regional Water Quality Control Board is the lead agency overseeing remediation in the vicinity. No further action is required by this office for the North Mines Grade/Extension.

If you have any questions, I can be reached at (510) 567-6762.

Sincerely,



eva chu  
Hazardous Materials Specialist

c: Robert Weston, ACDEH  
Jim Trolan, Finance