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HAZARDOUS MATERIALS/  
WASTE PROGRAM

2030 Addison Street, Suite 500 • Berkeley, California 94704 • 415 540-6954

October 26, 1988

Alameda County Health Agency  
Department of Environmental Health  
Hazardous Materials Division  
80 Swan Way, Room 200  
Oakland, CA 94621

87157.5

Attention: Mr. Lowell Miller

Subject: Addendum to Final Closure Plan  
Mill Springs Park Apartments (Formerly Livermore Superblock)  
Railroad Avenue between South P and South L Streets  
Livermore, California

Dear Mr. Miller:

This letter presents an addendum to our previous Final Closure Plan report for the subject project dated October 3, 1988. The scope of this addendum, as agreed to with you in our field meeting on Monday October 24, 1988, included revised treatment of the remaining backfill in the concrete structure and metal oil lines, and additional details regarding the aeration and sampling of the contaminated soil stockpiles generated during the Phase I removal.

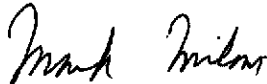
As discussed in our previous Final Closure Report, the remaining backfill in the concrete structure was reported to contain wood debris and soil saturated with water. Much of the water has since evaporated exposing a thick viscous oil at the bottom of the structure. We agreed that the oil appears visually similar to a No. 6 grade fuel oil. Consequently, we also agreed that the remaining backfill that is contaminated and oil lines would be manifested as a Hazardous Waste to a Class I disposal facility.

After the backfill and oil lines have been removed, the exposed surface of the concrete structure will be cleaned to remove remaining oil residue. The actual method of cleaning will be determined once the backfill has been removed and will depend on the condition of the exposed concrete. Cleaning methods include sand blasting and steam cleaning.

The soil stockpiles will be aerated separately using conventional earthmoving equipment. The soil will be spread in a rectangular arrangement to a nominal depth of about 2 feet and aerated for about 2 to 3 days. After aeration, soil samples, approximately 15 to 20 samples, will be collected for chemical analysis using a stainless steel scoop. The scoop will be cleaned and rinsed with deionized water after each sample interval. The samples will be transported to a state certified laboratory under strict chain of custody protocol. Samples will be analyzed for TPH.

Soil samples for chemical analysis will be collected using a statistically random sampling procedure. A grid will be established to separate the stockpile into 50 to 100 cubic yard zones. A soil sample will be taken from within each grid zone. The location within each grid zone will be established using coordinates referenced from a corner of a grid zone. The coordinates will be established using a random number generator.

Respectfully submitted,  
AQUA RESOURCES INC.



Mark Milani, P.E.  
Project Manager

cc: Barnett-Range Corporation  
Mr. Larry Malcolm

Regional Water Quality Control Board  
Attention: Ms. Lisa McCann