

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SITE: 900 Mound St.
Alameda, CA

R02699

RAFAT A. SHAHID, Assistant Agency Director

September 27, 1994

Mr. Dean DiGiovanni
East Bay Municipal Utility District
(EBMUD)
Special District No. 1
P.O. Box 24055
Oakland, CA 94623

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Re: Pump Station C and Storage Basin Project, Krusi Park,
Alameda

Dear Mr. DiGiovanni,

This office has reviewed EBMUD's Soil and Ground water Investigation Report, dated August 19, 1994, and CH2M Hill's Geotechnical Reports, dated February 24, and March 14, 1994, for the above site. The proposal for the construction of EBMUD's storage basin at Krusi Park is acceptable to this office with the following reminders/requirements:

- o In order to prevent or minimize the proliferation of potentially hazardous airborne soil particles, please be reminded to water all soils down during excavation and construction activities (including vehicular traffic across the site). Lead-containing airborne particles may otherwise pose a threat to workers, pedestrians, and other people in the surrounding area. A dustmeter is recommended at the site during work hours to insure that the particulate levels don't exceed levels established by NIOSH/OSHA.
- o It is the understanding of this office that **all** of the excavated fill and bay mud material will be hauled off site, on the same day it is excavated, to the appropriate certified disposal sites. It is also the understanding of this office that this soil will be properly characterized for the contaminant constituents of concern (lead, TRPH, etc), and transported properly to prevent any particulates from escaping during the move. According to our phone conversation on September 27, 1994, the excavated Merritt Sand will be reused for backfilling around the proposed basin.
- o This office is concerned that the Merritt sand placed around the basin will act as a conduit for the lead-contaminated ground water from the upper fill perched water into the Merritt sand aquifer. Therefore, EBMUD will be

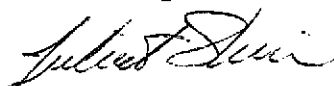
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required to impede this potential cross contamination by placing a ring of impermeable material around the basin at depth intervals commensurate to the observed Younger Bay Mud.

Lastly, please be aware that the acceptance of the storage basin plan **does not** suggest that the soil and ground water contamination observed in the other areas of Krusi Park are acceptable to this office. At this time, it appears that the remaining surficial lead contamination in the soil may pose a threat to the children who regularly utilize the park and the ground water contamination may pose a future aquatic threat. Consequently, the portion of the site, outside of the proposed storage basin area, has been transferred to Madhulla Logan, Hazardous Materials Specialist, in our office for further investigative oversight.

If you have any questions or comments, please contact me at (510) 567-6700.

Sincerely,



Juliet Shin
Senior Hazardous Materials Specialist

cc: Dick Rudloff
City of Alameda
Public Works Dept.
City Hall, Rm. 204
2263 Santa Clara Ave.
Alameda, CA 94501-4455

Madhulla Logan, Alameda County Hazardous Materials Division

Edgar Howell