



June 8, 1995

N00236.001204
ALAMEDA POINT
SSIC NO. 5090.3

385012-ITNHO-0038

Ms. Lidia Chagonjian, Code 0222
Engineering Field Activity, West
Naval Facilities Engineering Command
900 Commodore Drive, Building B208
San Bruno, California 94066-2402

Attention: Mr. Dennis Wong, Code T4E2DW, Building B208

Contract: N62474-93-D-2151, Environmental Remediation Contract for Sites in Northern and Central California and in Nevada

Subject: Removal Action at Site 15, NAS Alameda, Questions Regarding Residual Disposition From the Soil Washing Process

Dear Mr. Wong:

The Navy has asked IT to provide information on the above noted removal action requested in a letter from the Department of Toxic Substances Control to the Navy, dated November 22, 1994. This letter provides the requested information regarding disposition of the residual materials from the soil washing process at Site 15, NAS Alameda. During the soil washing process, surfactants will be used initially to remove lead from the soil. The surfactant/lead and water mixture will be separated from the soil matrix. The lead will be precipitated and the water/lead precipitate mixture will be passed through a container filter. The retained lead precipitate will be periodically emptied out of the filter and stored on-site in a drum. The water from the filtering process will be reused as makeup water in the soil washing process. The lead precipitate in the drum will be sampled, analyzed, and transported for off-site disposal at an appropriate, licensed disposal facility. Following soil washing for PCB removal, the surfactant/PCB and water mixture will be passed through the Hydrox UV-oxidation unit, which will completely decompose the PCBs to carbon and water. The water from this unit will be reused as makeup water in the soil washing process.

At project completion in October, the PCB and lead streams will go through their respective treatments as described above. The residual water will be stored in on-site tanks, sampled and analyzed. The analytical results will dictate whether the water can potentially be disposed to the Base treatment plant, or will have to be transported for off-site disposal. A decision on the disposition of the residual water will be made upon receipt of the analytical results. Any groundwater or storm water runoff that may be collected during the project will be used for dust control on the contaminated soil stockpiles or will be used as makeup water in the soil washing process.

Regional Office
4585 Pacheco Boulevard • Martinez, California 94553-2233 • 510-372-9100

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Enclosure (1)

Ms. Lidia Chagonjian

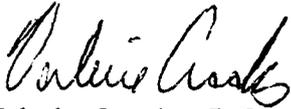
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If you have any questions or require additional information, please contact the under signed at (510) 372-9100.

Sincerely,

IT CORPORATION



Valerie Crooks, P.E.
Project Manager, D.O. 9

cc: Mr. Myles Jones, Administrative Contracting Officer, Code 022MJ