

WSMR 93



DEPARTMENT OF THE ARMY  
U.S. ARMY WHITE SANDS MISSILE RANGE  
WHITE SANDS MISSILE RANGE, NEW MEXICO 88002-



REPLY TO  
ATTENTION OF

August 31, 1993

Environmental Services Division  
NM2750211235



Ms. Barbara Hoditschek  
Permit Program Manager  
Hazardous and Radioactive Materials Bureau  
New Mexico Environment Department  
P.O. Box 26110  
Santa Fe, NM 87502

Dear Ms. Hoditschek:

The High Energy Laser Systems Test Facility (HELSTF) is facing shutdown activities as part of the down sizing of the U.S. Army. The close down actions are not scheduled until the third quarter of 1994. We are planning actions for the closure at this time and request your assistance.

The HELSTF has an inventory of approximately 12,000 gallons of Chromated deionized water used to cool the laser optics. The liquid is currently considered a hazardous waste due to a 52 ppm concentration of Hexavalent chromium.

White Sands Missile Range is proposing to treat this waste using a batch process. This is a one time request. We propose to treat the Chromated deionized water with a NAOH/HCL anion-cation exchange resin to reduce the concentration of Hexavalent chrome to below the 5 ppm level. The water will have a confirmation sampling and analysis before discharge to the HELSTF sewage lagoons. The resin will then be analyzed and managed as a hazardous waste as required.

In accordance with the New Mexico Hazardous Waste Management Regulation - 7, Part XI, Section 40 CFR, Part 270.61, we are requesting an emergency permit for the treatment of this waste. We are asking that your office provide specific written guidance on how to proceed with this permitting action.

Any questions concerning this request should be addressed to Mr. Harrison R. Orr, Environment and Safety Directorate, at 505-678-5361.

Sincerely,

*Thomas A. Ladd*

Thomas A. Ladd  
Director, Environment and Safety