



State of New Jersey

Department of Environmental Protection

DONALD T. DiFRANCESCO  
Acting Governor

Robert C. Shinn, Jr.  
Commissioner

DEC 05 2001

John Kolicus  
Naval Facilities Engineering Command  
10 Industrial Highway  
Code 1821, Mail Stop 82  
Lester, PA 19113-2090

Dear Mr. Kolicus:

Re: 90% Design Report for Operable Unit 6 (Sites 3 & 10)  
Naval Weapons Station Earle  
Colts Neck Twp., Monmouth Co.

The New Jersey Department of Environmental Protection (NJDEP) has reviewed the above referenced report prepared by Foster Wheeler Environmental Corporation, dated September 10, 2001. The NJDEP approves this report provided the following comments are addressed in the Final 100% Design Report. It is noted that in a conversation with you on or about October 17, 2001 it was mentioned that the design for the Site 3 Landfill would be upgraded to include a liner component.

1. The capping system designed for the Site 3 landfill is not as stringent as the capping system designed for the Site 10 Landfill. Although waste that was disposed of in the Site 3 Landfill was composed of organic hazardous materials, the Site 3 Landfill capping system does not include a drainage layer, synthetic liner or gas ventilation system. The Site 3 landfill capping system includes 36 inches of soil and 6 inches of topsoil. Therefore, it is recommended that the capping system for Site 3 be upgraded to include a liner, drainage layer and a gas venting system similar to Site 10.
2. The liner anchor designs are too short and does not cover three sides of the anchor. The landfill liner should be designed based on NJDEP Solid Waste Regulations.
3. All modified wells must be re-surveyed by a NJ licensed land surveyor upon completion. This new information must be tabulated along with the old survey information and as-built construction details for submission in any future monitoring O&M reports.

If you have any questions, please call me at (609)-633-7237.

Sincerely,

Bob Marcolina, Case Manager  
Bureau of Federal Case Management

c: Jessica Mollin, EPA  
Gus Hermani, NWS Earle  
Lester Jargowsky, Monmouth Co. Health Dept.  
Haydar Erdogan, DPFSR/BEERA