



State of New Jersey

Christine Todd Whitman
Governor

Department of Environmental Protection

Robert C. Shinn, Jr.
Commissioner

MAR 20 1997

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
NO. P 642 595 323

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

Dear Mr. Kolicius:

Re: Revised Proposed Plan for OU-1 (Sites 4 & 5), and OU- 2 (Site 19)
Dated March 1997
Naval Weapons Station Earle
Colts Neck Twp., Monmouth Co.

The New Jersey Department of Environmental Protection (NJDEP) has reviewed the above referenced documents prepared by Brown & Root Environmental Corporation. The NJDEP has approved these Proposed Plans provided the following comments are addressed in subsequent submittals, such as the Record of Decision or in the follow up Design Reports.

1. Appropriate narrative should be added to the ground water discussion relation to the installation of sentinel wells or line of compliance wells which will be included in the proposed long-term monitoring scenario and are integral to the implementation of the Classification Exception Areas (CEAs).
2. The Navy should include limited testing for analytes that would demonstrate that this biological degradation was taking place. The additional analytes should include, but not be limited to : DO, pH, TOC, etc. Natural attenuation/biodegradation cannot just be assumed to be happening at these sites. While it is most likely occurring there needs to be a protocol to adequately evaluate and demonstrate that the residual contamination remaining in the ground water will actually decrease over time. This protocol should include monitoring/sampling for bioremediation parameters and modeling to insure that natural attenuation is actually occurring.

3. A more detailed discussion should be made to present the case on how the facility/outcrop specific background metals concentration in ground water and how the site-specific ground water data for inorganics relates to those numbers.

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

Sincerely,



Bob Marcolina, Case Manager
Bureau of Federal Case Management

c: J. Gratz, EPA
G. Geopfert, NWS Earle
L. Jargowsky, Monmouth Co. Health Dept.