



State of New Jersey

Department of Environmental Protection

James E. McGreevey
Governor

Bradley M. Campbell
Commissioner

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

MAR 31 2005

Dear Mrs. DiGeambeardino,

Re: Final Quality Assurance Project Plan for
Pre-Design Investigation Sediment Sampling at Site 13
Defense Property Disposal Office Yard
Naval Weapons Station Earle
Colts Neck Twp., Monmouth Co.

The New Jersey Department of Environmental Protection (Department) has reviewed the above referenced document, submitted by Tetra Tech NUS, Inc., on behalf of Naval Weapons Earle dated February 1, 2005. The Department will approve this document provided the following comments are incorporated into a revised submittal:

1. Page F-2, Section F.2.3, Sampling Methodology – The report proposes to collect two randomly located grab samples from each depth interval within each sample area (SA), and combine these two samples to produce a composite sample for that SA. However, NJDEP Technical Requirements for Site Remediation, N.J.A.C. 7:26E-3.4(c) does not allow collection of composite samples for site investigation and characterization. N.J.A.C. 7:26E-3.4(c) states that composite sampling shall not be performed, except as necessary for waste classification.
2. Page F-5, Section F.2.4, Screening levels and Data Evaluation - The report indicates that the results of each composite sample will be compared to the screening levels presented in Table F-3 of the report. However, no sediment criteria (levels) are given for the individual PCBs including aroclor-1016, aroclor-1221, aroclor-1232, aroclor-1242, aroclor-1248, aroclor-1254, and aroclor-1260 in Table F-3. Only a value of 371 ppb is given for total PCBs.

The NJDEP documentation called, "Guidance for Sediment Quality Evaluation" dated November 1998 has screening levels for freshwater sediments for PCBs including aroclor-1016 (7 ppb), aroclor-1248 (30 ppb), aroclor-1254 (60 ppb), and aroclor-1260 (5 ppb). Therefore, it is recommended that these screening levels be used for evaluating the results of composite sediment samples for individual aroclors.

If you have any questions, please do not hesitate to call me at (609)-633-7237.

Sincerely,

A handwritten signature in black ink that reads "Robert Marcolina". The signature is written in a cursive style with a large, stylized initial "R".

Robert Marcolina, Case Manager
Bureau of Case Management

c: Jessica Mollin, EPA
Alicia Hartmann, NWS Earle
Lester Jargowsky, Monmouth Co. Health Dept.