



**STATE OF CONNECTICUT  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**



**BUREAU OF WATER MANAGEMENT**

March 16, 1999

Mr. Corey Rich  
Tetra Tech NUS, Inc.  
661 Andersen Drive  
Pittsburgh, PA 15220-2745

Re: Additional Remediation Criteria  
Basewide Groundwater OU Remedial Investigation  
Naval Submarine Base - New London, Groton, CT

**Fax Transmittal Memo**

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To: Corey Rich	From: Mark Lewis
Co: Tetra-Tech NUS	Co: CTDEP
Dept.:	Phone # 860-424-3768
Fax # 412-921-4040	Fax # 860-424-4057

DMF14

Dear Mr. Rich:

The Department of Environmental Protection and Department of Public Health have reviewed your request dated December 8, 1998 for additional remediation criteria to be applied at the Naval Submarine Base -- New London located in Groton, CT.

A preliminary review of the request has determined that the following additional information needs to be submitted to allow for a complete review of the proposed additional criteria:

1. Additional detailed information needs to be submitted regarding the toxicity values used to develop criteria for dioxins and furans (i.e. tox values for TCDD and TEF used). While the submission is not detailed enough for a full review, it appears that the Table B-1 values for dioxins/furans are based upon a misapplication of TEFs.
2. The groundwater protection criteria used to develop the pollutant mobility criteria listed on Table B-1 need to be provided in all cases.
3. Detection limits for each constituent need to be submitted. Remediation criteria may be based on detection limits as is appropriate. Provide additional information from certified labs regarding the detection limits in cases where the proposed criteria are based on detection limits such as dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene.

The Department does not accept the proposed additional remediation criteria as submitted. Please submit the information requested above for additional review by both the Department of Environmental Protection and Department of Public Health. The review of this submittal is ongoing and can be completed within 30 to 60 days from the receipt of the requested information. If you have any questions regarding this letter, please feel free to call Ruth Lepley at (860)424-3923 or to call the Department of Health directly.

Sincerely,

*Elsie Patton*

Elsie Patton  
Assistant Director  
Permitting, Enforcement and Remediation Division

EP/rel

cc: Gary Ginsberg, Department of Public Health  
Mark Lewis, PERD, CTDEP  
Les Dunbar, PSD, CTDEP