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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
841 Chestnut Building  
Philadelphia, Pennsylvania 19107

Office of Superfund  
Robert Thomson, P.E.  
Mail Code 3HW71

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Date: January 31, 1995

Ms. Brenda Norton, PE  
Atlantic Division, Naval Facilities Engineering Command  
Environmental Quality Division  
Code: 1822  
Building N 26, Room 54  
1510 Gilbert Street  
Norfolk, Va 23511-2699

Re: Naval Weapons Station, Yorktown, Va.  
Lee Pond Sampling  
Forwarding of EPA's *Independent Fish Sampling Report*

Dear Ms. Norton:

Pursuant to the U.S. Environmental Protection Agency's (EPA's) April 8, 1994 letter to the Navy, the EPA collected independent fish tissue samples from Lee Pond, located at the Naval Weapons Station-Yorktown (WPNSTA) NPL facility, on April 27, 1994. The enclosed document, *Lee Pond Independent Fish Sampling Report*, identifies the contaminants which were found in the fish tissue samples and screens the contaminants for human health and ecological risk. Data from surface water, sediment, and fish tissue samples acquired during previous sampling events at the WPNSTA were also incorporated into the risk screening assessment in order to address the potential effects of contaminants of concern through other routes of exposure. The *Lee Pond Independent Sampling Report* has been peer-reviewed by the BTAG at Region III.

Based upon the results of EPA's sampling event at Lee pond, 2,6-dinitrotoluene (DNT) was detected in fish tissue at 0.380 mg/kg. Please note that the actual detected concentration of 2,6-DNT was greater than the maximum predicted fish tissue concentration of 0.052 mg/kg listed on page 3-13 of Weston's *Focused Biological Sampling and Preliminary Risk Evaluation Report*. Also note that the COC screening guidance table value for ingestion of fish tissue containing 2,6-DNT is 0.14 mg/kg. Thus, the detected value of 2,6-DNT in fish tissue taken from Lee Pond (0.380 mg/kg) exceeds the COC screening value (0.14 mg/kg). This fact, coupled with the human health COC screening of other contaminations detected in the fish tissue taken from Lee Pond, together with ecological risk screening contained in the enclosed *Lee Pond Independent Sampling Report*, leads to the conclusion that both human health and ecological risks could be present at Lee Pond.

Therefore, in light of the fact that past and current sampling data now indicates the potential for human health and ecological risk associated with the Lee Pond environs, EPA nominates the Lee Pond environs as a Site-Screening Area in accordance with Subsection 9.3 of the Federal Facilities Agreement for the WPNSTA.

If you have any questions regarding EPA's *Lee Pond Independent Sampling Report*, please feel free to call me at (215) 597-1110,

Sincerely,

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

Robert Thomson, PE  
VA/WV Superfund Federal Facilities (3HW71)

cc: Stephen Mihalko (VDEQ, Richmond)  
Jeff Harlow (WPNSTA, 09E)  
Andy Rola (BVWST, Phila.)  
Nancy Rios-Jaffola (USEPA, 3HW13)  
Bob Davis (USEPA, 3HW13)