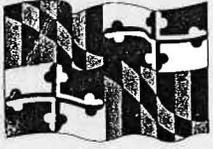


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LETTER FROM MARYLAND DEPARTMENT OF THE ENVIRONMENT REGARDING  
PROPOSED CLEAN UP LEVELS OF SILVER CONTAMINATED SOIL AT SITE 5 NSWC  
INDIAN HEAD MD  
1/10/1992  
MARYLAND DEPARTMENT OF THE ENVIRONMENT



STATE OF MARYLAND  
DEPARTMENT OF THE ENVIRONMENT  
2500 Broening Highway Baltimore, Maryland 21224  
(410) 631-3454

519

William Donald Schaefer  
Governor

Robert Perciasepe  
Secretary

January 10, 1992

Mr. Kenneth D. Morin  
Director, Utilities/Environmental Division  
Department of the Navy  
Naval Ordnance Station  
Indian Head, MD 20640-5000

Re: Silver Contaminated Soils from Building 731

Dear Mr. Morin:

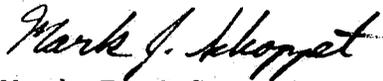
While the State concurs with your approach and the proposed clean-up levels at the above referenced site, several issues must be addressed either as part of this project or as part of future remedial activities:

1. This proposal calls for removal of soils in the ditch only as far as the proposed berm. The State recommends that the area of excavation extend at least as far as the two ponds at the bottom of the Olson Road Landfill. The approach also calls for the ditch to be relocated to direct the surface water away from the remediated ditch. The State is concerned about the remaining contaminated soils that will not be remediated and could be carried into the Matawoman Creek.
2. The areal extent of silver contamination has not been determined as evidenced by the following:
  - a. The analytical results from sediment sampling at the Olson Road Landfill reveals elevated levels of silver at the furthest sampling point downstream. Additional sampling is required to fully determine the extent of silver contamination, and should include sampling of the sediments beneath the ponds at the bottom of the ditch.
  - b. There has only been one sample taken from the ditch on the west side of Building 731. Therefore, it is unknown how far the silver contamination has spread.
  - c. With the exception of the two ponds at the bottom of the Olson Road Landfill, surface water has not been sampled.

Mr. Morin  
Page 2

The State considers this action as source removal, and therefore, further study will be required to evaluate the risks associated with any remaining contaminants and whether any surface water has been affected. If you have any questions or wish to discuss this further, please contact me at (410) 631-3454.

Sincerely,



Mark J. Schoppet  
Remedial Project Manager  
CERCLA Response Division

MJS:bjw

cc: Mr. Richard Collins  
Mr. Frank Henderson