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LETTER REGARDING FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
REVIEW OF LETTER REPORT FOR GROUNDWATER SAMPLING RESULTS AT SOLID  
WASTE MANAGEMENT UNIT 25 NS MAYPORT FL  
12/14/1998  
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Kirby B. Green, III  
Secretary

December 14, 1998

Ms. Adrienne Wilson  
Department of the Navy, Southern Division  
Naval Facilities Engineering Command  
2155 Eagle Drive, PO Box 190010  
North Charleston, SC 29419-9010

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RE: Letter Report: Groundwater Sample Results, SWMU 25, U.S. Naval Station, Mayport, Florida

Dear Ms. Wilson:

I have reviewed the above referenced document dated October 21, 1998 (received October 26, 1998). The report presents a summary of soil contamination and documents results of recent ground water sampling at SWMU 25 which was done at the request of the Department.

SWMU 25 is an area where shore maintenance activities for Naval vessel components are carried out. The soil at SWMU 25 was assessed under the RCRA Facility Investigation (RFI) Report for Group III Solid Waste Management Units (SWMUs), produced by ABB-Environmental Services, 1996 and in the Interim Measure Performance Specifications for Group III SWMUs 23, 24 and 25, produced by ABB-Environmental Services, 1997. The primary concern is that dieldrin was found initially in one sample near a building in concentrations that exceeded Florida Industrial exposure levels. Two additional samples obtained along the same area of the building foundation also indicated similar levels of dieldrin. At the request of the State, the Navy then obtained a ground water sample from the area of the soil contamination.

Based on my review of the information contained in the report, I agree that the ground water at SWMU 25 has not been adversely impacted by dieldrin, and although I share the suspicion that dieldrin is probably present at the sampling points as a result of termite treatment of the building foundation, we must insure that soil contamination does not extend beyond that general area. In this regard, I have discussed this site with Frank Lesesne of HLA (formerly ABB) and have concluded that at least one additional surface and subsurface soil sample should be obtained from an area not greater than ten (10) feet from the southwest corner of the metal building as depicted on Figure 3 of the letter report, at a location (locations) to be decided at an early Partnering meeting. Based on the results of that sampling, the present letter report should be updated and recommendations commensurate with the contamination and site usage should be submitted to the regulatory agencies for review.

*"Protect, Conserve and Manage Florida's Environment and Natural Resources"*

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Ms. Adrienne Wilson

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If you need further clarification or any additional information, please feel free to contact me at 850-921-4230.

Sincerely,



James H. Cason, P.G.  
Remedial Project Manager

cc: Randy Bishop, NAVSTA Mayport  
Brian Cheary, FDEP Northeast District  
Martha Berry, US EPA Region IV, Atlanta  
Frank Lesesne, HLA, Tallahassee

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