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CNC CHARLESTON  
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TRANSMITTAL FOR FINAL REPORTS, INITIAL ASSESSMENT STUDY AND ASSESSMENT  
OF POTENTIAL OIL AND HAZARDOUS WASTE CONTAMINATION OF SOIL AND  
GROUNDWATER CNC CHARLESTON SC  
9/2/1983  
CNC CHARLESTON



DEPARTMENT OF THE NAVY

CHARLESTON NAVAL SHIPYARD

NAVAL BASE

CHARLESTON S C 29408

IN REPLY REFER TO

Code 440.31:ct

5090

Ser 440-2360

2 SEP 1983

Mr. Art Linton  
EPA Region IV  
345 Courtland Street, N.E.  
Atlanta, GA 30365

Gentlemen:

Enclosed please find the final reports, Initial Assessment Study, Naval Base, Charleston, and Assessment of Potential Oil and Hazardous Waste Contamination of Soil and Ground Water, Charleston Naval Shipyard. These studies have been completed in accordance with the Navy program to determine where hazardous waste have been deposited in the past, to assess the present and future environmental impact of these waste, and to develop control measures where needed. Copies of these reports have also been forwarded to the Department of Health and Environmental Control, Columbia, South Carolina.

It should be noted that while the studies conclude no immediate threat to human health or the environment exists, certain minor corrective action is indicated. Consistent with the recommendations contained in the reports, the following actions have been or are being taken:

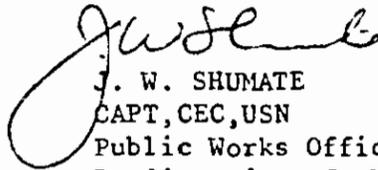
- a. Caustic Pond - The site has been identified as a potential safety hazard on the Base Master Development Plan.
- b. Chemical Disposal Area - The site has been identified as a potential safety hazard on the Base Master Development Plan.
- c. Pesticide Mixing Area - The area has been disced, fertilized and seeded with grass.
- d. Electrical Transformer Storage Area - A more definitive soil sampling and analysis program has already been completed for this area. There are several spots with DDT and PCB concentrations in the 50 ppm range along the eastern and southern boundaries of the concrete slab. A linear strip of soil along these portions of the slab will be removed, containerized, and disposed of as hazardous waste.

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e. Oil Sludge Pit - A collection system has been installed in this area to avoid possible contamination of nearby watercourses by periodically removing the collected oil.

If you have any questions, please contact John Sneed, P.E., Head, Environmental Engineering and Hazardous Waste Management Branch, at (803) 743-5519.

Sincerely,



J. W. SHUMATE  
CAPT, CEC, USN  
Public Works Officer  
By direction of the Commander  
Charleston Naval Shipyard

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