

M00263.AR.000004
MCRD PARRIS ISLAND
5090.3a

LETTER REGARDING U S EPA REGION IV COMMENTS ON DRAFT VERIFICATION WORK
PLAN MCRD PARRIS ISLAND SC
6/5/1987
U S EPA REGION IV



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

679
1143
see me 114370

JUN 05 1987

4PM/EA/JLH

Mr. D.R. Spell
Head, Environmental Branch
Department of the Navy
Naval Facilities Engineering
Command
2155 Eagle Drive, P.O. Box 10068
Charleston, South Carolina 29411-0068

RE: Draft Verification Work Plan For The Marine Corps
Recruit Depot (MCRD) Parris Island, SC

Dear Sir:

This is in response to your letter of April 2, 1987 in which you requested review and comments on the above referenced work plan. In addition to the comments listed below those offered by Mr. Holdaway of my staff at a April 28, 1987 meeting at the facility are appropriate.

Comments by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Program.

1. Sixteen (16) potential release sites were identified in the initial assessment study while the present work plan lists only six (6) sites for investigative action. A documentary record of the basis for elimination of ten (10) of the sites should be provided for the administrative record in accordance with the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 120 (d).
2. The study final report should include data and information on the hydrogeology and groundwater quality in the vicinity of MCRD, Parris Island with particular emphasis on identifying and locating existing and potential receptors or groundwater users on and off the facility.
3. Sampling of the tertiary aquifer underlying sites 1,2,3,4, and 6 should be carried out to affirmatively demonstrate the effectiveness of the confining layer(s) described in preventing vertical contaminant migration.
4. Biological survey techniques may be useful in verifying potential releases to the estuarine and tidal marsh areas located at the causeway landfill.

5. Priority pollutants analysis should be carried out on the soil samples as well as the groundwater samples collected at site 4. PCBs and pesticides should be included.
6. PCB and pesticide analysis should be carried out for samples from site 6.
7. The method for compositing soil samples taken at site 16 should be further specified.
8. Investigative techniques to be used at sites 17, 18, and 19 have not been adequately described. An analysis of groundwater samples from those sites should include the entire spectrum of priority pollutants.

If this office can be of further assistance please do not hesitate to contact us at (404) 347-3776 or FTS 257-3776.

Sincerely yours,



Arthur G. Linton, P.E.
Federal Facilities Coordinator
Environmental Assessment Branch
Office of Policy and Management

cc: Bob King, SCHEC