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MCRD PARRIS ISLAND  
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LETTER OF TRANSMITTAL AND SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL COMMENTS ON DRAFT SITE SPECIFIC HEALTH AND  
SAFETY PLAN FOR SUPPORTING INVESTIGATION ACTIVITIES AT SITE 12 JERICO  
ISLAND DISPOSAL AREA MCRD PARRIS ISLAND SC

3/31/1998

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



03.01.00.0049

2600 Bull Street  
Columbia, SC 29201-1708

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**CERTIFIED**

March 31, 1998

Commanding General, MCRD  
ATTN.: I&L ERR (NREAO)  
P.O. Box 19001  
Parris Island, SC 29905-9001

RE: DRAFT

Site 12/SWMU 10, Jericho Island Disposal Area  
Site-Specific Health & Safety Plan for Supporting Investigation Activities  
dated February, 1998  
Marine Corps Recruit Depot (MCRD)  
Parris Island, South Carolina  
SC6 170 022 767

Dear Commanding General:

The Division of Hydrogeology of the Hazardous Waste Permitting Section of the South Carolina Department of Health and Environmental Control (Department) has reviewed the above referenced document. The document has been reviewed with respect to R.61-79 of the South Carolina Hazardous Waste Management Regulations (SCHWMR), and appropriate guidance documents.

Please refer to the attached memorandum (Hargrove to Peterson) to review and respond to the Department's comments. The response to comments may be in the form of a totally revised Site-Specific Health & Safety Plan or revised pages to be inserted into your original submittal. If you choose to submit revised pages, please provide the following information:

Page number, and  
Date of revision on each page.  
(For example, 32 (R-4/15/98) would be page 32, revised 4/15/98).

The revised plan should be submitted to the Department within 30 days of receipt of this letter. Please submit three (3) copies of the revisions to the following:

South Carolina Department of Health and Environmental Control  
Bureau of Land and Waste Management  
Attention: Susan Peterson  
2600 Bull Street  
Columbia, South Carolina 29201

Please contact Don Hargrove at (803) 896-4033 if you have any questions.

Sincerely,



Susan Peterson, Environmental Engineer Associate  
Corrective Action Engineering Section  
Division of Hazardous and Infectious Waste  
Bureau of Land & Waste Management

Attachment: Memo: Hargrove to Peterson, 3/16/98

cc: Don Hargrove, Hydrogeology  
Russell Berry, SCDHEC-Low Country EQC  
Ken Lapierre, USEPA Region IV  
Art Sanford, Southern Division  
Mark Speranza, Brown & Root Environmental  
Glenn Wagner, Brown & Root Environmental



2600 Bull Street  
Columbia, SC 29201-1708

## MEMORANDUM

**TO:** Susan Peterson, Engineering Associate  
Corrective Action Permitting Section  
Division of Hazardous and Infectious Waste Management  
Bureau of Land and Waste Management

**FROM:** Donald C. Hargrove, Hydrogeologist  
Hazardous Waste Section  
Division of Hydrogeology  
Bureau of Land and Waste Management

A handwritten signature in black ink, appearing to read 'Donald C. Hargrove', written over the 'FROM:' field.

**DATE:** 16 March 1998

**RE:** Parris Island Marine Corps Recruit Depot (MCRD)  
Parris Island, South Carolina  
Beaufort County  
SC6 170 022 767

DRAFT Site 12/SWMU 10, Jericho Island Disposal Area  
Site-Specific Health & Safety Plan for Supporting Investigation Activities  
(dated February 1998)

The Division of Hydrogeology has reviewed the DRAFT Site 12/SWMU 10, Jericho Island Disposal Area Site-Specific Health & Safety Plan for Supporting Investigation Activities at MCRD. This health & safety plan (dated 11 February 1998) was received on 17 February 1998. This health & safety plan provides a physical description of SWMU 10 that includes the history of the site. It also outlines the site-specific health and safety plan that will be used for the geophysical investigation as well as field activities involved with all RFI/RI activities performed at SWMU 10.

This document was reviewed with respect to R.61-79 of the South Carolina Hazardous Waste Management Regulations (SCHWMR), and appropriate guidance documents. This work plan should be revised to address the following specific comments:

- 1) Table 5-1, Tasks/Hazards/Control Measures, Compendium:
  - a) The anticipated physical hazards portion of each task/Operation/Locations section should be revised (as appropriate) to include:
    - i) Injection hazards relating to the use of hydraulic equipment;

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- ii) Slips, trips, and falls;
- iii) Vehicular and foot traffic;
- iv) Ambient temperature changes.

b) The section labeled "Recommended Control Measures" should be revised to correlate each anticipated hazard with the correct corresponding control measure (control measure #1 should correspond with hazard #1, control measure #2...hazard #2, etc.).

- 2) Section 6.2, Physical Hazards: Any personnel that work on or around equipment that utilizes a hydraulic system, are at risk from injection of hydraulic fluid should a rupture in a hose, line, or seal occur during operation of said equipment. This section should be revised to address hydraulic fluid injection.
- 3) Section 9.6, Site Security: Jericho Island is readily accessible from outside the base gate. This section should be revised to specify that the first line of security will take place at the site entrance and not the base gate.

If you have any questions regarding these comments, please contact me at (803)896-4033.