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MCRD PARRIS ISLAND  
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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL CONDITIONAL APPROVAL OF GROUNDWATER SAMPLING  
WORK PLAN FOR LONG TERM MONITORING AT SITE 3 CAUSEWAY LANDFILL MCRD  
PARRIS ISLAND SC

5/5/2009

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

May 5, 2009

Commanding Officer  
NAVFAC Southeast  
ATTN: Mr. Charles Cook  
PO Box 30  
Ajax Street North, Bldg 135  
Jacksonville, Florida 32212

RE: Conditional Approval of the Groundwater Sampling Work Plan Rev 2 for LTM at SWMU 3  
Marine Corp Recruit Depot  
Parris Island  
SC6 170 022 762

Dear Mr. Cook:

The Corrective Action Engineering Section and the Federal Facilities Groundwater Section of the South Carolina Department of Health and Environmental Control (Department) has completed the review of the above referenced document received March 23, 2009. Based on this review, the Department determined the document to be technically adequate. Please see the attached hydrogeology memoranda for the condition of the approval.

If you have any questions or concerns, please feel free to contact me at (803) 896-4218.

Sincerely,

Meredith Amick, Environmental Engineer Associate  
Corrective Action Engineering Section  
Division of Waste Management

cc:

Tim Harrington, MCRD Parris Island  
Annie Gerry, Hydrogeology  
Priscilla Wendt, SCDNR  
Russell Berry, EQC Region 8, Beaufort

Lila Llamas, EPA Region 4  
Tom Dillon, NOAA  
Mark Sladic, TtNUS  
Heber Pittman, MCRD Parris Island

## **MEMORANDUM**

**TO:** Meredith Amick, Engineering Associate  
Corrective Action Engineering Section  
Division of Waste Management  
Bureau of Land and Waste Management

**FROM:** Annie Gerry, Hydrogeologist  
Federal Facilities Groundwater Section  
Division of Waste Management  
Bureau of Land and Waste Management

**DATE:** May 5, 2009

**RE:** Marine Corps Recruit Depot  
SC6 170 022 762

Review of Groundwater Sampling Work Plan (WP), Revision 2, Long Term Groundwater Monitoring at SWMU 3 (Causeway Landfill), Marine Corps Recruit Depot (MCRD), Parris Island, South Carolina dated March 2009

The above referenced document has been reviewed with respect to the conditions of the Federal Facility Agreement (FFA) that the Department entered into with the Navy and EPA Region 4 in January 2005. This WP describes the long-term groundwater monitoring at four wells at Solid Waste Management Unit (SWMU) 3 (Causeway Landfill) at the MCRD in Parris Island, South Carolina.

Samples collected from SWMU 3 will be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, and target analyte list (TAL) metals.

Based on review of the WP, the following comment has been generated:

### **General Comment**

1. It is unclear in the information presented in the WP, if the TAL metals will be filtered or unfiltered for analysis. MCRD may choose to collect filtered groundwater samples for comparison purposes along with filtered samples, but the State of South Carolina only accepts unfiltered samples.

Should you have any questions regarding this memo, please contact me via email at [GerryAM@dhec.sc.gov](mailto:GerryAM@dhec.sc.gov) or by phone at (803) 896-4018.

