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MCRD PARRIS ISLAND  
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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL APPROVAL OF SCOPE OF WORK FOR FIELD EVENT 3 AT  
SITE 45 DRY CLEANING FACILITY SPILL AREA MCRD PARRIS ISLAND SC  
6/7/2010  
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



C. Earl Hunter, Commissioner

*Promoting and protecting the health of the public and the environment.*

June 7, 2010

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

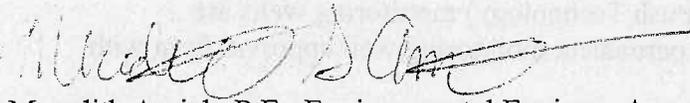
RE: Approval of Scope of Work for Field Event 3: Parris Island  
Marine Corp Recruit Depot (MCRD)  
Parris Island  
SC6 170 022 762

Dear Mr. Cook:

The Corrective Action Engineering and the Hydrogeology Sections of the South Carolina Department of Health and Environmental Control (Department) received the Scope of Work for Field Event 3: Parris Island for Site 45 on April 12, 2010. The Department reviewed the document with respect to applicable sections of the South Carolina Hazardous Waste Management Regulations (SCHWMR). Based on this review, the Department approves this document. Please refer to the attached hydrogeology memoranda.

The Department's concurrence is based on information presented by MCRD to date; any information found to be contradictory may require further action. If you have any questions regarding this issue, please contact me at (803) 896-4218.

Sincerely,

  
Meredith Amick, P.E., Environmental Engineer Associate  
Corrective Action Engineering Section  
Division of Waste Management  
Bureau of Land and 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 (via email)  
Mark Sladic, TtNUS  
Heber Pittman, MCRD Parris Island



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

**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:** June 7, 2010

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

Review of Data Analysis Report Field Event 3: Former MWR Dry Cleaning Facility, Site/SWMU 45, ESTCP Project ER-0705, Marine Corps Recruit Depot (MCRD), Parris Island, South Carolina dated March 2010

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 document provides the scope of work for the third sampling event for Site 45. The scope of work proposed at this site includes: depth-to-water measurements, groundwater sampling, defining the characteristics of the aquifer by direct push sampling (DPT), and soil vapor sampling and diffusion testing of unsaturated sediments within the source.

The twenty-one (21) groundwater DPT (Direct Push Technology) monitoring wells are approved for installation. Attached please find a permanent monitoring well approval form with additional conditions for installation

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.

**Attachment: Well Approval: HW-10-031**

DD100218.AMG

## Monitoring Well Approval

Date of Issuance: 7 June 2010

Approval #: HW-10-031

Approval is hereby granted to: Mr. Tim Harrington

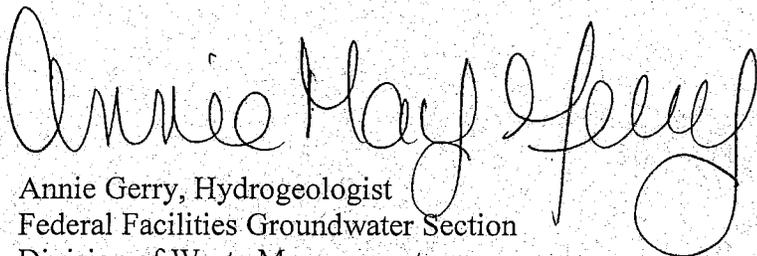
Facility: Marine Corps Recruit Depot  
SC6 170 022 762  
Beaufort

This approval is for the installation of twenty-one (21) DPT (direct push technology) monitoring wells. The monitoring wells are to be installed in the locations as illustrated on Figure 2 and per the proposed construction details provided in the April 5, 2010 correspondence (Reed to Haynes) and the updated revision in an informal email sent June 1, 2010 (Ekre to Gerry). These monitoring wells are to be installed following all of the applicable requirements of R.61-71.

R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. All wells shall be properly developed per R.61-71.H.2.d. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted within 30 days after well completion or abandonment unless another schedule has been approved by the Department. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f.
3. All analytical data and water levels obtained from each monitoring well shall be submitted to the author of this approval within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.
4. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
5. If any of the information provided to the Department changes, including the proposed drilling date, Annie Gerry (803-896-4018) shall be notified at least twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards, dated April 26, 2002.



Annie Gerry, Hydrogeologist  
Federal Facilities Groundwater Section  
Division of Waste Management  
Bureau of Waste Management