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MCRD PARRIS ISLAND  
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LETTER AND MEMORANDUM REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH  
AND ENVIRONMENTAL CONTROL CONDITIONAL APPROVAL OF REQUEST FOR  
TEMPORARY WELLS FOR FIELD EVENT 2 AT SITE 45 MCRD PARRIS ISLAND SC  
8/13/2009  
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

August 13, 2009

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

RE: Well Approval for Site/SWMU 45 Request for Approval of Temporary Wells and the related  
Scope of Work for Field Event 2 to be performed by ASU  
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) have completed the review of the above referenced documents received July 27, 2009 and August 11, 2009, respectively. Based on this review, the Department approves the well request. Please refer to the attached hydrogeology memoranda for conditions 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:** August 13, 2009

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

Request for Monitoring Well Installation Approval (Letter Reed to Gerry, 8/11/2009). Field Event 2: Former MWR Dry Cleaning Facility, Site SWMU-45, Marine Corps Recruit Depot (MCRD), Parris Island, South Carolina

The above referenced well approval request has been reviewed with respect to the requirements of R.61-79 of the South Carolina Hazardous Waste Management Regulations and R.61-71 of the South Carolina Well Standards, dated April 26, 2002. The Marine Corps Recruit Depot is requesting approval from the Department to install twelve (12) DPT (direct push technology) temporary monitoring wells at Site 45 to assess the rate of loss of VOCs (volatile organic compounds) through dissolution, volatilization, and biodegradation. All wells must be installed and abandoned by a S.C. certified well driller in accordance with South Carolina Well Standards R.61-71.

The twelve groundwater DPT monitoring wells are approved for installation. Attached please find a temporary monitoring well approval form with additional conditions for installation.

Should you have any questions regarding this well approval, you may contact me at (803) 896-4018.

**Attachment: Well Approval: HW-09-028**

## Temporary Monitoring Well Approval

Date of Issuance: August 13, 2009

Approval #: HW-09-028

Approval is hereby granted to: Charles Cook

Facility: Marine Corps Recruit Depot  
SC6 170 022 762  
Beaufort County

This approval is for the installation of 12 temporary groundwater monitoring wells (ASU1-ASU12). The temporary monitoring wells are to be installed in the locations as illustrated on the figure attached to the letter from Reed to Gerry (Figure 1) per the proposed construction details provided in the August 11, 2009 correspondence. The proposed drilling date is 08/16/2009. The monitoring wells are to be installed following all of the applicable requirements of R.61-71.

**Please note that 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. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department 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 temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.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 Section  
Division of Waste Management  
Bureau of Land and Waste Management

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