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LETTER OF TRANSMITTAL AND MONITORING WELL APPROVAL FOR SITE 45 DRY  
CLEANING FACILITY SPILL AREA MCRD PARRIS ISLAND SC  
2/14/2008  
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

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February 14, 2008

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

RE: Well and Boring Installation Approval for Site 45 (Reed to Llamas and Amick,  
January 22, 2008)  
Marine Corp Recruit Depot  
Parris Island  
SC6 170 022 762

Dear Mr. Cook:

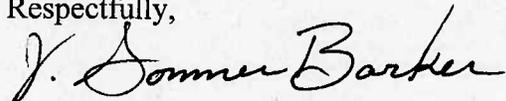
The Division of Hydrogeology of the South Carolina Department of Health and Environmental Control (Department) has reviewed the Draft Workplan Addendum for Field Activities at Site 45, Marine Corps Recruit Depot, Parris Island, South Carolina, FY 2008 received January 22, 2008 for the purpose of installing four permanent monitoring wells and approximately nineteen temporary well borings. The 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. These wells are to be installed at the locations indicated on Figure 5 "Locations of proposed temporary wells and permanent well in the 'SL' horizon" and Figure 7 "Locations of proposed permanent wells in the 'D' horizon" found in the above referenced document. Abandonment of the temporary borings after sample collections should comply with R. 61-71.H.4.c of the South Carolina Well Standards.

Based on this review, four permanent monitoring wells are approved for installation the week of March 10, 2008, and approximately nineteen borings are approved for installation and abandonment the week of March 4, 2008. Please note this memo is for the approval of the well installation requests and not for the Work Plan Addendum for Field Activities at Site 45, Marine Corps Recruit Depot, Parris Island, South Carolina, FY 2008. The work plan will be reviewed based on priority and any further comments will

be forthcoming. Attached please find a well approval form with additional conditions of installation.

Should you have any questions regarding this well approval, you may contact me at (803) 896-6647.

Respectfully,



J. Sommer Barker, Hydrogeologist  
Federal Facilities Groundwater Section  
Division of Hydrogeology  
Bureau of Land and Waste Management

cc:

Tim Harrington, MCRD Parris Island  
Meredith Amick, Engineer  
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

## Monitoring Well Approval

**Date of Issuance:** February 14, 2008

**Approval #:** HW-08-004

**Approval is hereby granted to:** Charles Cook

**Facility:** Marine Corps Recruit Depot  
SC6 170 022 762  
Parris Island

This approval is for the installation of four (4) permanent groundwater monitoring wells and nineteen (19) temporary borings. The monitoring wells and borings are to be installed in the locations as illustrated on figures 5 and 7 of the Draft Workplan Addendum For Field Activities at Site 45, Marine Corps Recruit Depot, Parris Island, South Carolina, FY 2008 and in accordance with the proposed construction details provided. The proposed drilling date is February 18, 2008. These monitoring wells and borings 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. 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, the Author (Sommer Barker) 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 and Regulations, dated April 26, 2002.



J. Sommer Barker, Hydrogeologist  
Federal Facilities Groundwater Section  
Division of Hydrogeology  
Bureau of Land and Waste Management