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MCRD PARRIS ISLAND
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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL APPROVAL OF DRILLING AND TEMPORARY MONITORING
WELL INSTALLATION REQUEST FOR DELINEATION OF CONTAMINATION AT
UNEXPLODED ORDNANCE SITES 3 AND 7 MCRD PARRIS ISLAND SC
4/18/2013
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

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April 18, 2013

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

and

Commanding General
NREAO
ATTN: Mr. Tim Harrington
PO Box 5028
Parris Island, SC 29905

RE: Approval of Drilling and Temporary Monitoring Well Installation Approval Request for
UXO 3 and 7
Marine Corps Recruit Depot (MCRD)
Parris Island
SC6 170 022 762

Dear Mr. Owens and Mr. Harrington:

The Division of Waste Management of the South Carolina Department of Health and Environmental Control (Department) received the above Monitoring Well Installation Request on April 17, 2013. The Department approves the request. Attached is the hydrogeology approval memorandum and Temporary Monitoring Well Approval.

The Department's review is based on the 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.

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Vice Chairman



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Sincerely,

Meredith Amick, P.E., Environmental Engineer
Corrective Action Engineering Section
Division of Waste Management

cc:

Lila Llamas, EPA Region 4
Annie Gerry, Hydrogeology
Priscilla Wendt, SCDNR

Russell Berry, EQC Region 8, Beaufort
Peggy Churchill, TtNUS

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MEMORANDUM

TO: Meredith Amick, P.E.
Department of Defense Corrective Action Section
Division of Waste Management
Bureau of Land and Waste Management

FROM: Annie M. Gerry, Hydrogeologist
Department of Defense Corrective Action Section
Division of Waste Management
Bureau of Land and Waste Management

DATE: April 18, 2013

RE: Marine Corps Recruit Depot
SC6 170 022 762

Review of Drilling and Temporary Monitoring Well Installation Approval Request for UXO 3 and UXO 7, Marine Corps Recruit Depot, (MCRD) Parris Island, South Carolina dated April 11, 2013

The above referenced request for approval to install six temporary monitoring wells 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, in addition to the SC Well Standards. Three wells, at each site, are proposed for installation to delineate potential contamination at Unexploded Ordinances (UXO) 3 and UXO 7. The wells are to be installed by direct push technology (DPT) by converting soil borings into temporary monitoring wells. MCRD is requesting a variance to allow the temporary monitoring wells to remain in service for ten days instead of five, to allow for surveying, groundwater sampling, and water-level collection.

The six temporary monitoring wells and the variance for extending the service of the temporary 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 memo, please contact me via email at GerryAM@dhec.sc.gov or by phone at (803) 896-4018.

Temporary Monitoring Well Approval

Date of Issuance: April 18, 2013

Approval is hereby granted to: Mr. Dan Owens

Facility: Marine Corp Recruit Depot
Beaufort, South Carolina
SC6 170 022 762
Beaufort County

This approval is for the installation of six temporary groundwater monitoring wells located at UXO 3 and UXO 7. The monitoring wells are to be installed in the locations as illustrated on Figures 2 and 3 and per the proposed construction details provided in the April 2013 (Kirkpatrick to Gerry) correspondence. The proposed drilling date is 4/23/2013. These monitoring wells are to be installed following all of the applicable requirements of R.61-71 of the South Carolina Well Standards.

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, 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 M. Gerry, Hydrogeologist
Department of Defense Corrective Action Section
Division of Waste Management