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MCRD PARRIS ISLAND
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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL APPROVAL AND COMMENTS ON DRILLING AND
MONITORING WELL INSTALLATION REQUEST FOR SITE 7 AND DEPOT GAS STATION
MCRD PARRIS ISLAND SC
5/7/2013
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



2600 Bull Street
Columbia, SC 29917-2013

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

RE: Drilling and Monitoring Well Installation Approval Request for Site 7 and Depot Gas Station
Marine Corp Recruit Depot (MCRD)
Parris Island
SC6 170 022 762

Dear Mr. Harrington:

The Department of Defense Corrective Action Section of the South Carolina Department of Health and Environmental Control (Department) completed the review of the above referenced request received May 1, 2013. 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 the request. Please see the attached hydrogeology memorandum and well approval. Please note because the work plans for this drilling and well installation have not been reviewed and approved, all work is being done at risk.

This approval 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.

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
Dan Owens, NAV FACSE



Catherine B. Templeron, Director

Promoting and protecting the health of the public and the environment

MEMORANDUM

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

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

DATE: May 6, 2013

RE: Marine Corps Recruit Depot
SC6 170 022 762

**Review of Drilling and Monitoring Well Installation Approval
Request for the Depot Gas Station (Building 170) and Site 7 (Page Field Fire
Training Pit Site) at Marine Corps Recruit Depot, (MCRD) Parris Island,
South Carolina dated May 1, 2013**

The above referenced request 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. Two permanent monitoring wells (MW-06R and MW-15R) are requested to be installed at the Depot Gas Station (Building 170). These two wells will replace the two that were accidentally abandoned in 2005 during a soil excavation of soil impacted by higher concentrations of benzene. In addition, four permanent wells and four temporary wells are requested to be installed at Site 7 (Page Field Fire Training Pit Site) to support an Expanded Site Investigation as described in the Draft Sampling and Analysis Plan (SAP) (Tetra Tech, 2012).

These six permanent monitoring wells (two at Depot Gas Station, four at Site 7), and four temporary monitoring wells (Site 7) are approved for installation. However, the Department is requiring that 10-foot long screens are used in well installation and not the 5-foot screens as described in the monitoring well request.

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.

File #50492

Temporary and Permanent Monitoring Well Approval

Date of Issuance: May 6, 2013

Approval is hereby granted to: Commanding General

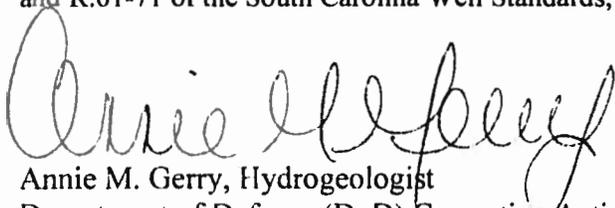
Facility: Marine Corp Recruit Depot
Beaufort, South Carolina
SC6 170 022 762
Beaufort County

This approval is for the installation of six permanent monitoring wells (two at Depot Gas Station, four at Site 7), and four temporary monitoring wells (Site 7). The monitoring wells are to be installed in the locations as illustrated on Figures 17-1 and 2-3 and per the proposed construction details provided in the May 2013 (Churchill to Gerry) correspondence. The proposed drilling date is 5/13/2013. 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 permanent monitoring wells shall be labeled as required by R.61-71.H.2.c.
5. 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.
6. 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 (DoD) Corrective Action Section
Division of Waste Management

