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MCRD PARRIS ISLAND
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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL APPROVAL OF REQUEST FOR ABANDONMENT OF
PERMANENT MONITORING WELLS AT SITE 27 WITH ATTACHMENTS MCRD PARRIS
ISLAND SC
5/14/2010
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



C. Earl Hunter, Commissioner

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

May 14, 2010

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

RE: Approval of Request for Abandonment of Permanent Monitoring Wells for Site 27
Marine Corp Recruit Depot (MCRD)
Parris Island
SC6 170 022 762

Dear Mr. ^{Cook} ~~Criswell~~:

The Corrective Action Engineering and the Hydrogeology Sections of the South Carolina Department of Health and Environmental Control (Department) received the Request for Abandonment of Permanent Monitoring Wells for Site 27 on May 4, 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 request. 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, 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: May 14, 2010

RE: Marine Corps Recruit Depot
SC6 170 022 762

Review of Approval Request for Abandonment of Permanent Monitoring Wells
for Site 27 (Equipment Parade Deck), Marine Corps Recruit Depot (MCRD)
Parris Island, South Carolina dated May 2010

South Carolina Department of Health and Environmental Control (DHEC) received a letter from the Navy on 5/4/2010, requesting abandonment of two monitoring wells (PAI-27-MW17S and PAI-27-MW18I) to enable the construction of a building (Motor-T facility) directly over the area of the current location of the two monitoring wells at Site 27.

The Department approves this abandonment and requests the Navy to propose a location for the replacement of these two monitoring wells as soon as possible post construction activities. Please find the monitoring well abandonment approval form attached.

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.

DD100194.AMG

Monitoring Well Abandonment Approval

Date of Issuance: 14 May 2010

Approval is hereby granted to: Tim Harrington
Marine Corp Recruit Depot (MCRD)
EPA ID # SC6 170 022 762
Beaufort County

This approval is for the abandonment of 2 (PAI-27-MW17S and PAI-27-MW18I) flush-mounted permanent monitoring wells at Site 27. Since the proposed abandonment date is not known, please call **Annie Gerry at 803-896-4018** or **Meredith Amick at 803-896-4218** within 24 hours of proposed abandonment operations. These wells are to be abandoned following all of the applicable requirements of the South Carolina Well Standards, R.61-71.

All well abandonment derived wastes, including but not limited to, drill cuttings, drilling fluids, and other demolition debris, must be managed properly and in accordance with all applicable state and federal requirements. If containerized, each vessel shall be clearly labeled with regard to contents, source, and date of activity.

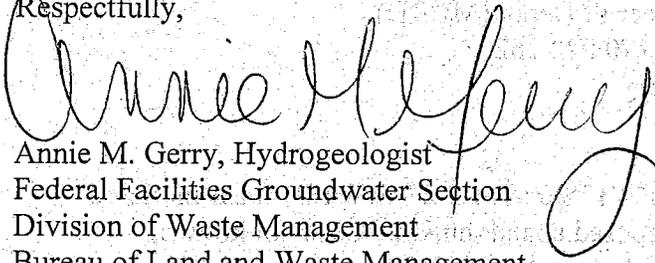
R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. Abandonment shall be by forced injection of bentonite-cement through a tremie pipe starting at the bottom of the well and proceeding to the ground surface in one continuous operation as required by R.61-71.H.2.e.
3. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to **Annie M. Gerry, South Carolina Department of Health and Environmental Control, Bureau of Land and Waste Management** within 30 days after well abandonment. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
4. If any of the information provided to the Department changes, including the proposed abandonment date, **Annie Gerry at 803-896-4018** or **Meredith Amick at 803-896-4218** shall be notified at least twenty-four (24) hours prior to well construction/abandonment as required by R.61-71.H.1.a.

This correspondence 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.

A copy of this correspondence should be on the drilling site during field operations. The April 26, 2002 South Carolina Well Standards R.61-71 apply to all well abandonments.

Respectfully,



Annie M. Gerry, Hydrogeologist
Federal Facilities Groundwater Section
Division of Waste Management
Bureau of Land and Waste Management