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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL APPROVING CORRECTIVE MEASURE IMPLEMENTATION
WORK PLAN ADDENDUM FOR SELECTED SITES CNC CHARLESTON SC
10/11/2013
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

October 11, 2013

David Criswell, P.E.
BRAC PMO SE
4130 Faber Place Drive
Suite 202
N. Charleston, SC 29405

RE: Approval of 2013 Corrective Measure Implementation Work Plan Addendum for Selected Sites Rev 0
Charleston Naval Complex (CNC)
SC0 170 022 560

Dear Mr. Criswell:

The Department of Defense Corrective Action Section of the South Carolina Department of Health and Environmental Control (Department) received the above referenced document on July 23, 2013. The Department reviewed the document with respect to the CNC RCRA Hazardous Waste Permit. The Department approves the document and has provided a well approval for the installation of a replacement well at SWMU 9.

If you have any questions regarding this issue, please contact me at (803) 898-0368.

Sincerely,

Meredith Amick, P.E., Environmental Engineer
DOD Corrective Action Section
Division of Waste Management
Bureau of Land and Waste Management

cc: Annie Gerry, Hydrogeology
Christine Sanford-Coker, EQC Region 7, Charleston

Gary Foster, CH2MHill
Lawson Anderson, Tetra Tech



Catherine B. Templeton, Director

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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: October 10, 2013

RE: Charleston Naval Complex
SC0 170 022 560

Review of 2013 Corrective Measures Implementation Work Plan Addendum (CMI WP) for Selected Sites, Revision 0, Charleston Naval Complex (CNC) North Charleston, South Carolina, dated August 2013

The above referenced document has been reviewed with respect to R.61-79 of the South Carolina Hazardous Waste Management Regulations and conditions of Hazardous Waste Permit SC0 170 022 560. At each site at CNC, corrective measures have been selected and implemented to ensure remediation of contaminants of concern (COCs). Based on the results presented in *the 2012 Basewide Groundwater and Performance Monitoring Report*, it was noted that enhancements to the corrective measures were required at five sites (SWMUs 25 and 70, SWMU 87, AOC 613, AOC 723, SWMU 9) to enhance the performance of corrective measures and will accelerate remediation. This work plan describes field activities proposed for each site. These enhancements to the site include injections of amendments and/or installation of monitoring and injection wells.

Based on review, the Department has generated the following comment.

COMMENT

1. **Page 2-1, Section 2.0 SWMU 9-** This section requests approval to install one monitoring well (H009GW11R) that was previously abandoned as part of site construction activities by the Federal Law Enforcement Training Center. This new monitoring well will serve as a replacement for the abandoned well. Please find the attached permanent monitoring well approval.

Should you have any questions regarding this memo, please contact me via email at GerryAM@dhec.sc.gov or by phone at (803) 898-0359

Monitoring Well Approval

Date of Issuance: October 10, 2013

Approval is hereby granted to: Mr. David Criswell

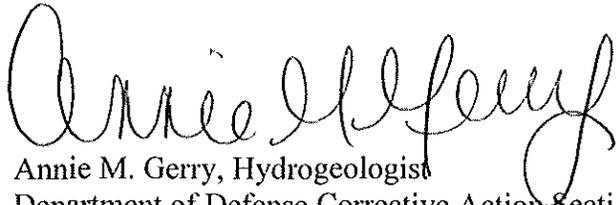
Facility: Charleston Naval Complex
SC0 170 022 560
Charleston County

This approval is for the installation of 1 permanent groundwater monitoring well (H009GW11R). The monitoring well is to be installed in the location illustrated on Figure 2-1 and per the proposed construction details provided in the 2013 CMI Work Plan Addendum for Selected Sites (Williamson to Amick) dated August 29, 2013. The proposed drilling date is unknown at this time so please inform the Department when the monitoring well will be installed as soon as possible. This monitoring well is 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, 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.

A handwritten signature in black ink, appearing to read "Annie M. Gerry". The signature is written in a cursive, flowing style with a large initial "A".

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