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LETTER AND THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL
CONTROL AND ATTACHED COMMENTS REGARDING THE DRAFT SITE 7 EXTENDED
SITE INSPECTION REPORT MCRD PARRIS ISLAND SC

08/25/2014

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 25, 2014

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: Comments to Draft Site 7 Extended Site Inspection Report
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 referenced document on June 20, 2014. It was reviewed along with the Draft SAP for the Extended Site Inspection at Site 7 received October 4, 2012. These documents were co reviewed as the site work was completed at risk shortly after the work plan was submitted. Based on the review, the Department has comments. Please see the attached engineering and hydrogeology comments.

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) 898-0368.

Sincerely

A handwritten signature in black ink, appearing to read 'Meredith Amick', with a long horizontal flourish extending to the right.

Meredith Amick, P.E., Environmental Engineer
DOD Corrective Action 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

Engineering Memo
Prepared by Meredith Amick 
Marine Corps Recruit Depot (MCRD)
August 15, 2014

1. Please clarify if the hangar in the area of Site 7 was in place before or after the use of the area as a fire training ring. This is of particular interest due to fill material associated with the hangar being approximately 4.5 ft bgs and the deepest soil sample taken from 3-5 ft. (ie Was the soil sampled fill material?)
2. Please discuss the disposition of the pipe running east/west. In order to determine any relation to Site 7, research should be performed to determine if this pipe fed another tank or fire training ring, etc.
3. EPA Comment #3 III dated January 24, 2011 indicates that the soil staining was present around MW-04. Please locate the abandoned well on a current figure and if applicable, discuss why additional sampling was not performed in this area.



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

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: August 25, 2014

RE: Marine Corps Recruit Depot
SC6 170 022 762

Review of Draft- Expanded Site Inspection Report for Site 7-Page Field Fire Training Pit, Marine Corps Recruit Depot (MCRD), Parris Island, South Carolina dated July 2014

The above referenced document 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.

Based on review of this document, the following comments have been generated.

COMMENTS

1. **Page 6-2, Section 6.2 Recommendations, 2nd bullet-** In order to move the site forward in investigation, the Department recommends implementing a site-specific background study instead of a MCRD basewide background study. This site-specific background study should include a geochemical analysis and installation of upgradient monitoring wells.
2. **Page 6-2, Section 6.2 Recommendations, 3rd bullet-** The text reads, "*Short-term monitoring for metals should be done to further evaluate arsenic concentrations in groundwater at the site...*"

Arsenic, lead, and cobalt all exceeded ecological screening criteria. Therefore please change the text to read, "*Groundwater monitoring for TAL metals should be continued until the background issue has been resolved....*"

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.