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MCRD PARRIS ISLAND
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EMAIL OF TRANSMITTAL AND SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL COMMENTS ON REPORT OF MONITORING WELL
ABANDONMENT AT SITE 12 JERICHO ISLAND DISPOSAL AREA MCRD PARRIS ISLAND
SC
2/16/2006
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Sladic, Mark

From: Don Hargrove [HARGRODC@dhec.sc.gov]
Sent: Thursday, February 16, 2006 2:56 PM
To: Jerry Stamps; mzahlan@ecc.net; Koroma-Llamas.Lila@epamail.epa.gov; wendtp@mrd.dnr.state.sc.us; art.sanford@navy.mil; elwyn.e.cahaly@navy.mil; tom.dillon@noaa.gov; mmcrae@TechLawInc.com; Mark.Sladic@ttnus.com; timothy.j.harrington@usmc.mil
Subject: MCRD SWMU-10 Well Abandonment Report
Attachments: DD060105.DCH.doc

Good Afternoon Team,

I have attached my comments on the report of well abandonment at Jericho Island.

I spoke with Mr. Gerlock just now, and got some clarification on a few things. He also said that he would contact Mirna asap to verify that they did remove the concrete pads and bollards from the monitoring wells. I understand that the field crew is finishing up at SWMU-10, and that the pad and bollard removal is very time-sensitive. I hope they beat the clock! Once the causeway is removed, getting onto Jericho Is. is going to be difficult. Please let me know if you have any questions/concerns.

Thanks,

Don.

16 February 2006

Mr. Jeffrey L. Gerlock
Blue Ridge Geological Services, INC.
107 Oakley Court
Archdale, NC 27263

Subject: Parris Island Marine Corps Recruit Depot (MCRD)
Parris Island, South Carolina
Beaufort County
SC6 170 022 762

Report of Monitoring Well Abandonment, Site 12, Jericho Island
(February 2006)

Dear Mr. Gerlock,

The Division of Hydrogeology has reviewed the document listed above. This document (dated 4 February 2006) was received by the Department on 13 February 2006. It provides a figure showing the locations of the monitoring wells abandoned at Site 12 {Solid Waste Management Unit (SWMU)-10}, as well as the completed Water Well Records (DHEC Form #1903).

This document was reviewed with respect to R.61-79 of the South Carolina Hazardous Waste Management Regulations (SCHWMR), and appropriate guidance documents.

The Division of Hydrogeology has the following comments:

- 1) The cover letter states that the monitoring wells were abandoned "...in general accordance with SCDHEC regulations," but does not go into further detail. Line 14 of the Form 1903 states that the well was grouted with neat cement, yet there are no notes about the casing being pulled or over-drilled, there is no mention of the removal of the concrete pads and protective bollards, and the composition of the neat cement is not provided. These forms should be revised to specifically describe the abandonment method, including information about concrete pad and bollard removal, as well as the composition of the grout. It should be noted that the use of sand in grout is not an acceptable method of grouting or abandonment.
- 2) There is no list of the monitoring wells that were abandoned. This information can be derived from the figure showing the locations, or the Form 1903s, but they are not presented in a listed format. Please revise to include a list of the wells that were abandoned.

If you have any questions regarding these comments, please contact me at (803) 896-4033.

Sincerely,

Donald C. Hargrove

RCRA Hydrogeology Section I
Division of Hydrogeology
Bureau of Land and Waste Management

Cc: Jerry Stamps, CAE Section