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MCRD PARRIS ISLAND
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EMAIL OF TRANSMITTAL AND SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL APPROVAL OF FINAL WORK PLAN ADDENDUM FOR SITE 7
AND SITE 13 AND MONITORING WELL APPROVALS MCRD PARRIS ISLAND SC
9/7/2004
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Sladic, Mark

From: Don Hargrove [HARGRODC@dhec.sc.gov]
Sent: Tuesday, September 07, 2004 11:37 AM
To: SanfordAF@EFDSOUTH.NAVFAC.NAVY.mil; HarringtonTJ@mcrdpi.usmc.mil; Sladic, Mark
Subject: MCRD Sites 7 and 13C

Mark, Art, and Tim,

Attached are unsigned copies of what I just sent out. You don't have the official approval of the work plan from the State yet. That will come from Leon and/or David soon.

These two monitoring well approvals will get you out into the field.

If you have any questions, please contact Leon or myself.

Don.

Attached:

DD040572.DCH: MWA#HW-04-065
DD040573.DCH: MWA#HW-04-066
DD040574.DCH: Comment Memo

MEMORANDUM

TO: Leon Fulmer, Engineering Associate
Corrective Action Engineering Section
Division of Waste Management
Bureau of Land and Waste Management

FROM: Donald C. Hargrove, Hydrogeologist
RCRA-Hazardous Waste Section I
Division of Hydrogeology
Bureau of Land and Waste Management

DATE: 7 September 2004

RE: Parris Island Marine Corps Recruit Depot (MCRD)
Parris Island, South Carolina
Beaufort County
SC6 170 022 767

FINAL Work Plan Addendum for Sites/SWMUs 7 and 13c,
Appendices D and E
(August 2004)

The Division of Hydrogeology has reviewed the Document listed above. This document (dated 26 August 2004) was received by the Department on 27 August 2004, and by the Division of Hydrogeology on 30 August 2004. These appendices include responses to comments generated during reviews of the DRAFT version.

This document was reviewed with respect to R.61-71 of the South Carolina Well Standards, R.61-79 of the South Carolina Hazardous Waste Management Regulations (SCHWMR), and appropriate guidance documents. The Division of Hydrogeology has determined that MCRD has adequately responded to the previous comments, and has incorporated them into this FINAL document. It is therefore recommended that this document can be approved and implemented as written. Monitoring Well Approval #HW-04-065 and MWA #HW-04-066 have been written for the installation of the proposed new monitoring wells and piezometers, and are being sent under a separate cover (copies attached).

If you have any questions regarding this decision, please call me at (803) 896-4033.

Attached: MWA #HW-04-065
MWA #HW-04-066

MONITORING WELL APPROVAL

Approval is hereby granted to:

Commanding Officer
Department of the Navy
SOUTHNAVFACENGCOM
ATTN: Art Sanford (ES322)
2155 Eagle Drive - 29046
North Charleston, South Carolina 29406

Date of Issue: 7 September 2004

Approval Number: HW-04-065

Facility: Marine Corps Recruit Depot
Parris Island, South Carolina
Beaufort County
SC6 170 022 767

For the installation of one (1) permanent monitoring well at Site/SWMU 7 as follows:

- 1) One permanent monitoring well, located as specified on the attached figure.
- 2) The monitoring well will be screened from 3 to 13 feet below ground surface (bgs).

Conditions:

- 1) That the monitoring well be installed by a well driller certified by the state of South Carolina as a Class A driller, or an Environmental Well Driller-Class B or C. And that the certified well driller must be present during all phases of drilling, construction, and completion of the monitoring well.
- 2) That investigation derived waste including, but not necessarily limited to, drill cuttings, drilling fluids, development and purge water, be managed properly and in compliance with all applicable requirements. If containerized, each vessel shall be clearly labeled with regard to contents, source, and date of activity.
- 3) That the latitude, longitude and actual construction details be submitted to the Department within 30 days after installation of the monitoring well.
- 4) That the monitoring well be labeled with an identification plate constructed of a durable material affixed to the casing or surface pad where it is readily visible. The plate shall

provide the well identification number, date of construction, static water level and driller name and certification number.

- 5) A minimum of (48) hours prior to initiation of drilling activities, provide notice to Russell Berry, at the Low Country District EQC Office (843) 846-1030, and myself, Don Hargrove, at (803) 896-4033.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and the Department of Environmental Control's Regulation R.61-71.

Approval granted by:

Donald C. Hargrove, Hydrogeologist
Bureau of Land and Waste Management
South Carolina Department of Health and
Environmental Control

Attachment: Site/SWMU 7 Location Map

cc: Leon Fulmer, Corrective Action Engineering
Russell Berry, Low Country District EQC Office
Patricia Goldberg, Federal Facilities Section, USEPA Region IV
File #50492

MONITORING WELL APPROVAL

Approval is hereby granted to:

Commanding Officer
Department of the Navy
SOUTHNAVFACENGCOM
ATTN: Art Sanford (ES322)
2155 Eagle Drive - 29046
North Charleston, South Carolina 29406

Date of Issue: 7 September 2004

Approval Number: HW-04-066

Facility: Marine Corps Recruit Depot
Parris Island, South Carolina
Beaufort County
SC6 170 022 767

For the installation of three (3) permanent monitoring wells and one (1) temporary piezometer at Site 13C as follows:

- 1) Three permanent monitoring wells, located as specified on the attached figure.
- 2) These monitoring wells will be screened from 2 to 12 feet below ground surface (bgs)..
- 3) One temporary Piezometer for groundwater measurements only, located as specified on the attached figure.
- 4) The Piezometer will be screened from 2 to 12 feet bgs.

Conditions:

- 1) That the monitoring wells and piezometer be installed by a well driller certified by the state of South Carolina as a Class A driller, or an Environmental Well Driller-Class B or C. And that the certified well driller must be present during all phases of drilling, construction, and completion of these monitoring wells.
- 2) That investigation derived waste including, but not necessarily limited to, drill cuttings, drilling fluids, development and purge water, be managed properly and in compliance with all applicable requirements. If containerized, each vessel shall be clearly labeled with regard to contents, source, and date of activity.
- 3) That the latitude, longitude and actual construction details be submitted to the Department

within 30 days after installation of the last monitoring well.

- 4) That the monitoring wells be labeled with an identification plate constructed of a durable material affixed to the casing or surface pad where it is readily visible. The plate shall provide the well identification number, date of construction, static water level and driller name and certification number.
- 5) That the temporary piezometer be abandoned within five (5) days after groundwater measurements have been taken. The abandonment must follow R.61-71.H.4.C.
- 6) A minimum of (48) hours prior to initiation of drilling activities, provide notice to Russell Berry, at the Low Country District EQC Office (843) 846-1030, and myself, Don Hargrove, at (803) 896-4033.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and the Department of Environmental Control's Regulation R.61-71.

Approval granted by:

Donald C. Hargrove, Hydrogeologist
Bureau of Land and Waste Management
South Carolina Department of Health and
Environmental Control

Attachment: Site 13C Location Map

cc: Leon Fulmer, Corrective Action Engineering
Russell Berry, Low Country District EQC Office
Patricia Goldberg, Federal Facilities Section, USEPA Region IV
File #50492