

M00263.AR.000346
MCRD PARRIS ISLAND
5090.3a

LETTER SERVING AS AN ADDENDUM TO SOUTH CAROLINA DEPARTMENT OF HEALTH
AND ENVIRONMENTAL CONTROL MONITORING WELL APPROVAL HW-05-005 FOR
TEMPORARY WELLS AT SITE 45 MCRD PARRIS ISLAND SC

3/10/2005

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



2600 Bull Street
Columbia, SC 29201-1708

Commanding Officer
Department of the Navy
SOUTHNAVFACENGCOM
ATTN: Art Sanford (ES32AS)
2155 Eagle Drive
N. Charleston, SC 29406
Donald C. Hargrove, Hydrogeologist
RCRA Hydrogeology Section 1
Division of Hydrogeology
Bureau of Land and Waste Management

FROM:

Date: 10 March 2005

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

Addendum to Monitoring Well Approval #HW-05-005

This letter serves as an addendum to the monitoring well approval listed above. This addendum grants that up to eighteen (18) Temporary Monitoring Wells may be installed at Solid Waste Management Unit (SWMU) 45 at MCRD. This is an increase in the total number of allowable locations by three (3) additional temporary well locations. This is intended to facilitate refinement of current knowledge concerning the vertical and horizontal extent of contamination in groundwater at SWMU-45.

The exact locations of the temporary wells and the depth ranges for the individual samples will be determined following review of data from the initial MIP points as they are defined in the above listed monitoring well approval, and Parris Island Site 45 figure, attached for reference.

If you have any questions concerning this addendum, please contact me at (803)896-4033.

Sincerely,

Donald C. Hargrove, Hydrogeologist
RCRA Hydrogeology Section 1
Division of Hydrogeology
Bureau of Land and Waste Management

DD050122:DCH

1

Attachments: MWA #HW-05-005, MCRD Figure, Parris Island Site 45

cc: File #50492

Mike Danielsen, RCRA Hydrogeology Section 1

Leon Fulmer, Corrective Action Engineering



100 Bull Street
Columbia, SC 29201-1708

Monitoring Well Approval for Temporary And Permanent Wells

Approval is hereby granted to: Tim Harrington
Marine Corps Recruit Depot
EPA ID # SC6170022762
Beaufort County

Facility: Marine Corps Recruit Depot
SWMU 45
Beaufort County

This approval is for the installation of 15 shallow temporary monitoring wells, 58 membrane interface wells (MIP), 24 shallow/deep permanent monitoring wells, and 5 deep permanent monitoring wells. The MIPs/temporary monitoring wells are to be installed in the locations as proposed in the construction details provided in the February 17, 2005 correspondence Sladic to Danielsen. The monitoring wells are to be installed following all of the applicable requirements of R.61-71.

Please note that R.61-71 requires the following:

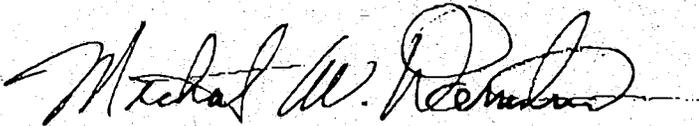
1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment 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 Department 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 temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c.
5. All permanent monitoring wells shall be labeled as required by R.61-71.H.2.c.
6. If any of the information provided to the Department changes, Michael W. Danielsen shall be notified a minimum of twenty-four 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 and Regulations, dated April 26, 2002.

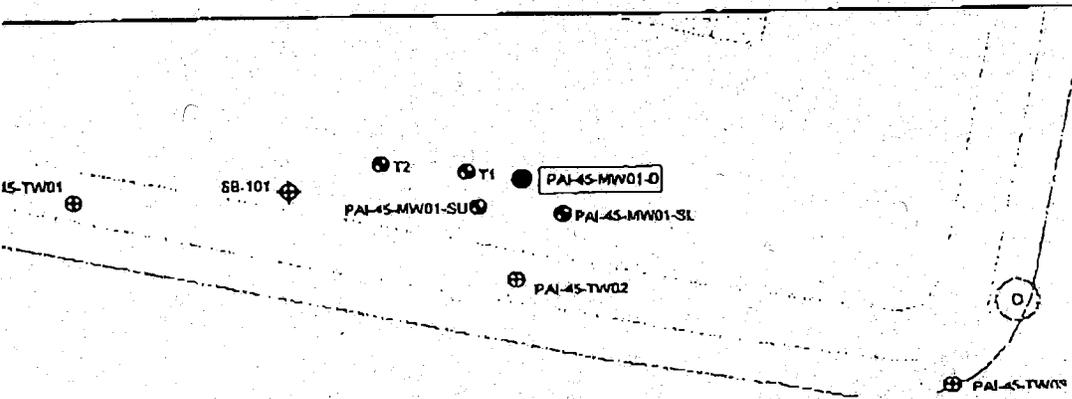
Date of Issuance: 2-18-2005

Approval #: HW-05-005

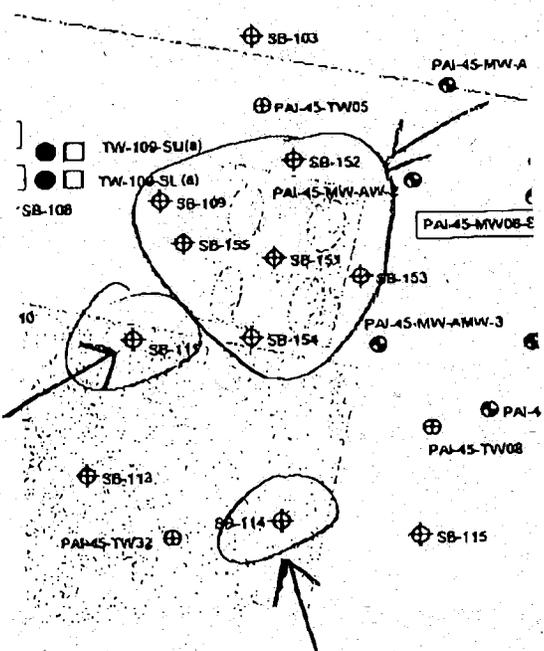


Michael W. Danielsen, Hydrogeologist
RCRA Hydrogeology I Section
Division of Hydrogeology
Bureau of Land & Waste Management

3/10/05



SB-102



- MIPS WORK IS CONCLUDING IN THIS DIRTIER AREA.
- DEPENDING ON MIPS RESULTS FROM LOCATIONS SHOWN, FIELD CREW MAY DETERMINE VALUE IN INSTALLING TEMPORARY WELLS HERE.
- THIS WOULD BE SHALLOW DEPTH AND CONSISTENT IN CONSTRUCTION AND TIME PRESENT WITH TW'S IN FEB. 18 PERMIT

TW-117 SU(8) ***
 TW-10-SL(8) ***

Note: Adj
 TW-107A
 based on
 SB-107.

PAI-45-TW08

PAI-45-TW35
 SB-122

SECTION
 FROM LIP
 FIGURE 4:

SB-145 7-1

MCRD PABRIS ISLAND SITE 45



FAX MESSAGE

Date: 10 March 2005

Number of pages including cover sheet: 6

Please Deliver This Fax Message

TO: Mark Sladic
Name

Tetra Tech
Organization/Department

(412) 921-2400
Fax Number

(412) 921-8216
Office Phone

FROM: Dan Hargrave
Name

Bureau of Land & Waste Management
Division / Section

(803) 896-4002
Fax Number

803-896-4023
Office Phone

SUBJECT / COMMENTS :

TO: Commanding Officer
Department of the Navy
SOUTHNAVFACENGCOM
ATTN: Art Sanford (ES32AS)
2155 Eagle Drive
N. Charleston, SC 29406

FROM: Donald C, Hargrove, Hydrogeologist
RCRA Hydrogeology Section 1
Division of Hydrogeology
Bureau of Land and Waste Management

Date: 10 March 2005

Facility: Marine Corps Recruit Depot
Parris Island, South Carolina
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Attachments: MWA #HW-05-005, MCRD Figure, Parris Island Site 45

cc: File #50492

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Leon Fulmer, Corrective Action Engineering