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MCRD PARRIS ISLAND
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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL APPROVAL OF FINAL SITE 53 PRELIMINARY
ASSESSMENT/SITE INSPECTION AND ASSESSMENT REPORT AND CONFIRMATION
SAMPLING WORK PLAN MCRD PARRIS ISLAND SC

10/17/2001

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



2600 Bull Street
Columbia, SC 29201-1708

10-174
01.01.00.0020

October 17, 2001

Commanding Officer
Department of the Navy
SOUTHNAVFACENCOM
ATTN: Mr. Art Sanford
2155 Eagle Drive
North Charleston, South Carolina 29406

RE: Final Site 53 PA/SI and SWMU 53 Assessment Report and Confirmation
Sampling Work Plan (8/01)
Marine Corp Recruit Depot
Parris Island
SC6 170 022 762

Dear Mr. Sanford:

The Corrective Action Engineering and the Hydrogeology Sections of the South Carolina Department of Health and Environmental Control (Department) have completed the review of the above referenced document, which was received on August 23, 2001. Based on this review, the Department has determined that all comments have been adequately addressed. Therefore, the above referenced document is deemed complete with respect to R.61-79 of the South Carolina Hazardous Waste Management Regulations and all applicable guidance documents.

If you have any questions or concerns, please feel free to contact Jerry Stamps at (803) 896-4285 or Don Hargrove of the Division of Hydrogeology at (803) 896-4033.

Sincerely,

David Scaturo, P.E., Manager
Corrective Action Engineering Section
Division of Hazardous and Infectious Waste Management

cc:

David Brayack, TiNUS
Tim Harrington, MCRD Parris Island
Don Hargrove, Hydrogeology

Priscilla Wendt, SCDNR
Tom Dillon, NOAA
Rob Pope, EPA Region IV



2600 Bull Street
Columbia, SC 29201-1708

MEMORANDUM

TO: Jerry Stamps, Engineering Associate
Corrective Action Engineering Section
Division of Hazardous and Infectious Waste Management
Bureau of Land and Waste Management

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

DATE: 22 October 2001

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

DRAFT-FINAL Site/SWMU 53 PA/SI Work Plan
(August 2001)

The Division of Hydrogeology has reviewed the DRAFT-FINAL Site/SWMU 53 PA/SI Work Plan, dated 22 August 2001. This document was received on 23 August 2001. It contains a site description, coupled with the regulatory setting. It describes the proposed scope of work to be completed as a combination Preliminary Assessment/Site Investigation (PA/SI), to determine if an RI/RFI is required. This document also contains responses to comments generated during reviews of the DRAFT version.

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 determined that comments generated on the DRAFT version have been adequately addressed and incorporated into this DRAFT-FINAL version. It is therefore recommended that this document can be approved and implemented as written.

Monitoring Well Approval #HW-01-082 has been written for the installation of the temporary monitoring wells proposed in this work plan (copy attached).

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

DD010815.DCH



2600 Bull Street
Columbia, SC 29201-1708

MONITORING WELL APPROVAL

Approval is hereby granted to:

Commanding Officer
Department of the Navy
SOUTHNAVFACENGCOM
ATTN: Art Sanford (Code 1862)
2155 Eagle Drive
N. Charleston, SC 29406

Date of Issue: 22 October 2001

Approval Number: HW-01-082

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

For the installation of three (3) temporary monitoring wells at SWMU-53 as follows:

- 1) Two (2) shallow temporary monitoring wells to be installed at the locations specified on Figure 3-1 (attached), at depths concurrent with the water table.
- 2) One (1) temporary monitoring well will be installed to obtain an up-gradient water-level measurement. The up-gradient location of this temporary monitoring well is to be determined in the field, but should be located near the area of the suspected groundwater divide.

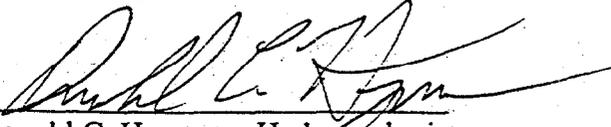
Conditions:

- 1) That a driller certified to operate in the State of South Carolina must install the wells. And that the certified well driller must be present during all phases of drilling, construction, and completion of these monitoring wells.
- 2) All well construction and sampling derived wastes, including but not limited to, drill cuttings, drilling fluids, development and purge water, must be managed properly and in accordance with all applicable state and federal requirements. If containerized, each vessel shall be clearly labeled with regard to contents, source and date of activity.

- 3) That these temporary monitoring wells be immediately abandoned according to R.61-71.10 of the South Carolina Well Standards and Regulations.
- 4) That the locations and final dispositions of each temporary monitoring well be reported to the Department within thirty (30) days after abandonment of the last well.
- 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 Don Hargrove, Hydrogeologist, at this office (803) 896-4033.

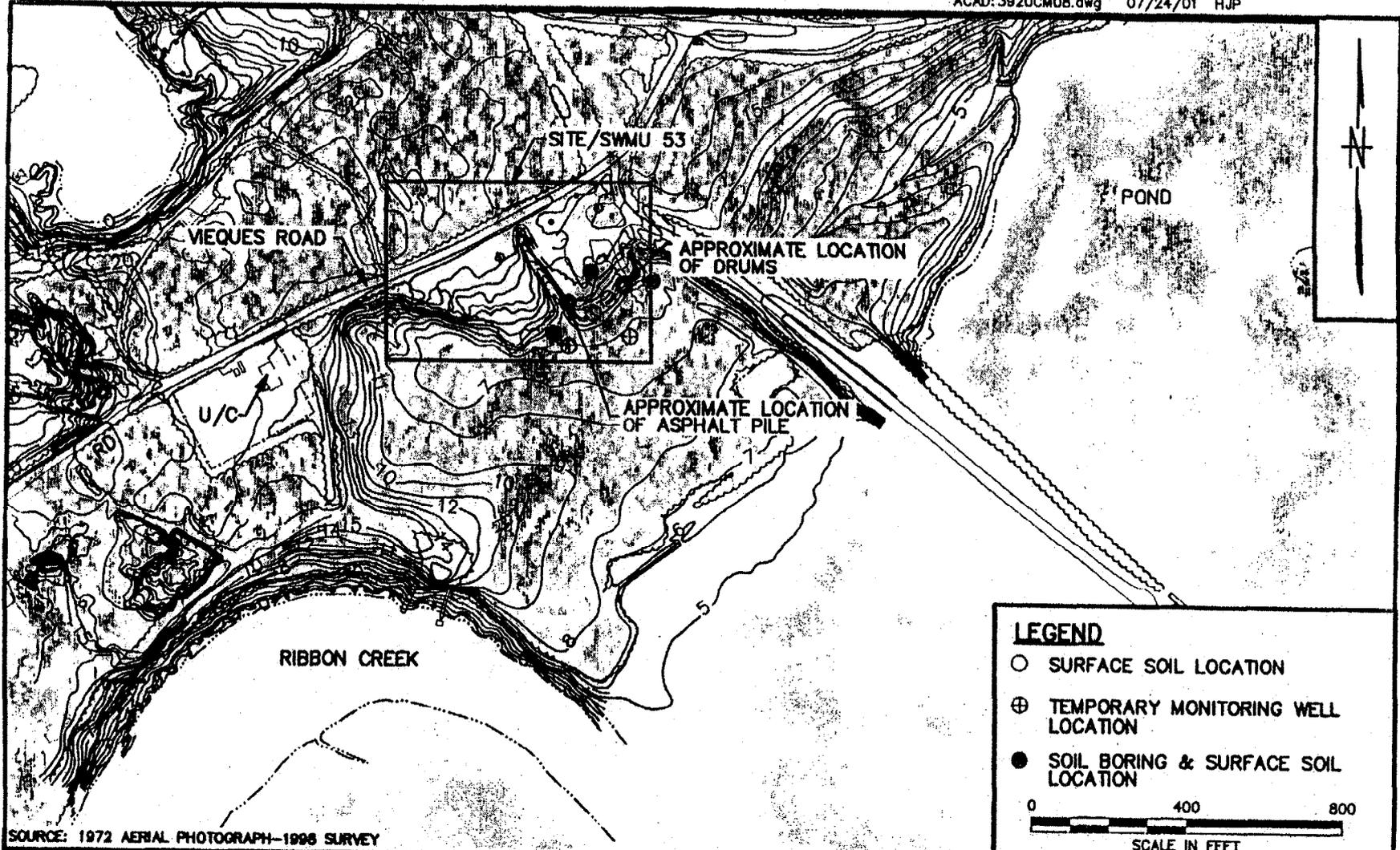
This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and the Department of Environmental Control's Regulation R.61-71.

Approval granted by:


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

Attachment: Figure 3-1

cc: Jerry Stamps, Corrective Action Engineering
Russell berry, Low Country District EQC
Robert Pope, Federal Facilities Section, USEPA Region IV



SOURCE: 1972 AERIAL PHOTOGRAPH-1996 SURVEY

LEGEND

- SURFACE SOIL LOCATION
- ⊕ TEMPORARY MONITORING WELL LOCATION
- SOIL BORING & SURFACE SOIL LOCATION

0 400 800
SCALE IN FEET

DRAWN BY HJP	DATE 7/24/01
CHECKED BY	DATE
COST/SCHED-AREA	
SCALE AS NOTED	



**SITE/SWMU 53
HORSE ISLAND SAMPLE LOCATION MAP
MCRD PARRIS ISLAND
PARRIS ISLAND, SOUTH CAROLINA**

CONTRACT NO. 3920	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE 3-1	REV. 0