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MCRD PARRIS ISLAND
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EMAIL OF TRANSMITTAL AND MONITORING WELL APPROVAL FOR TEMPORARY
MONITORING WELLS AT SITE 45 DRY CLEANING FACILITY SPILL AREA MCRD PARRIS
ISLAND SC
2/9/2006
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Sladic, Mark

From: Don Hargrove [HARGRODC@dhec.sc.gov]
Sent: Thursday, February 09, 2006 1:50 PM
To: Amanda H. Flake; Stacey French; David M. Scaturo; Koroma-Llamas.Lila@epamail.epa.gov; diane_duncan@fws.gov; wendtp@mrd.dnr.state.sc.us; art.sanford@navy.mil; Tom.Dillon@noaa.gov; KRAEMERd@tampabay.rr.com; mmcrae@TechLawInc.com; Mark.Sladic@ttnus.com; timothy.j.harrington@usmc.mil
Cc: Jerry Stamps; cliff.casey@navy.mil; ContiS@ttnus.com; HennK@ttnus.com; KumarJ@ttnus.com
Subject: Re: Direct push work at MCRD PI
Attachments: MWA #HW-06-008.pdf

Mark,

Per our conversation this morning, I have written the Monitoring Well Approval for the temporary wells at SWMU-45, and have attached a PDF copy of same.

If you have any questions or problems, please contact me.

Please be sure to notify Amanda Flake prior to this field work.

I should be finished with my review of the work plan later today (no comments thus far).

Cheers,

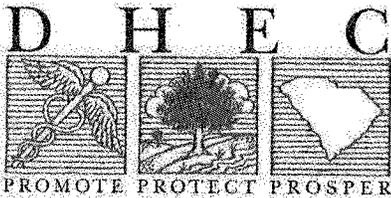
Don.

>>> "Sladic, Mark" <Mark.Sladic@ttnus.com> Tuesday, January 31, 2006 3:30:13 PM >>>
Hi everyone. As Art has mentioned previously, Navy has an opportunity to pursue a couple pilot test opportunities at MCRD Parris Island Site 45. In order to select and design the pilot tests, several additional groundwater samples must be collected from newly installed temporary wells. The attached is being sent out in hard copy today and should suffice as a letter style workplan, as requested by SCDHEC, and a monitoring well permit request. The current scope of work is the temporary well installation and sampling, and a couple soil samples, according to procedures from last year's Site 45 RI/RFI Addendum Workplan. We hope to complete this sampling during our next MCAS Beaufort field shift (13 Feb to 22 Feb)

Specific information about the actual pilot tests will be provided at a later date, once it is available. Thanks.

Mark Sladic, P.E.
Project Manager
TETRA TECH NUS, Inc.
Foster Plaza 7
661 Andersen Drive
Pittsburgh, PA 15220
Telephone: (412) 921-8216
FAX: (412) 921-4040

2/9/2006



2600 Bull Street
Columbia, SC 29201-1708

MONITORING WELL APPROVAL

Approval is hereby granted to:

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

Date of Issue: 9 February 2006

Approval Number: HW-06-008

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

For the installation of six (6) initial temporary monitoring wells, and up to eighteen (18) additional temporary monitoring wells at SWMU-45 as follows:

- 1) Six (6) initial shallow temporary monitoring wells to be installed at the locations specified on the attached figure.
- 2) These monitoring wells are to be installed following all of the applicable requirements of R.61-71.
- 3) Up to eighteen (18) additional temporary monitoring wells to be installed in step-out locations based on the results from the original six temporary wells, as specified above.

Conditions:

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 Donald C. Hargrove, Division of Hydrogeology, SCDHEC 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

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3. All analytical data and water levels obtained from each monitoring well shall be submitted to Donald C. Hargrove, Division of Hydrogeology, SCDHEC 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. If any of the information provided to the Department changes, the Author (Donald C. Hargrove) 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.

- 1) That the monitoring wells be installed by a well driller certified by the state of South Carolina. And that the certified well driller must be present during all phases of drilling, construction, and abandonment of these temporary 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.
- 4) That the latitude, longitude and actual construction details be submitted to the Department within 30 days after installation of the last monitoring well.
- 5) A minimum of (48) hours prior to initiation of drilling activities provide notice to Amanda Flake, at Region 8 (Lowcountry)EQC Office (843) 522-9097, and Donald C. Hargrove, at the Division of Hydrogeology (803) 896-4033.
- 6) All analytical data and water levels obtained from each monitoring well shall be submitted to (Donald C. Hargrove, Division of Hydrogeology), SCDHEC 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.

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:



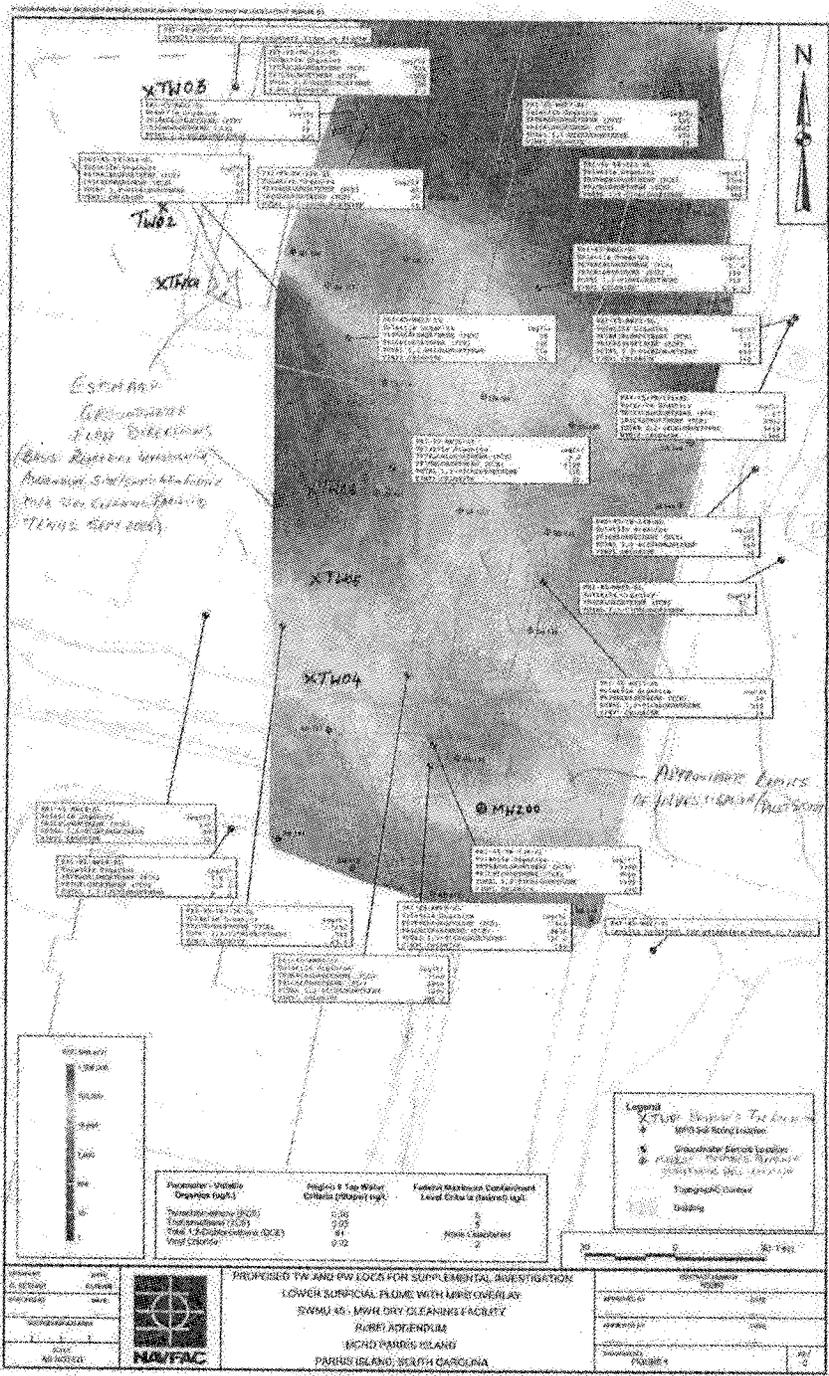
Donald C. Hargrove, Hydrogeologist
Division of Hydrogeology
Bureau of Land and Waste Management
South Carolina Department of Health and
Environmental Control

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Attachment: Figure

cc: Jerry Stamps, Corrective Action Engineering
Amanda Flake, Region 8 EQC, Beaufort
Lila Koroma-Llamas, Federal Facilities Section, USEPA Region IV

File #50492



2010/10/10