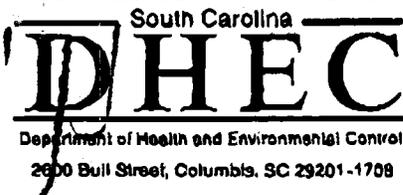


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LETTER TRANSMITTING MONITORING WELL APPROVAL FORM IN RESPONSE TO
REQUEST DATED 26 MARCH 1997 ZONE K CNC CHARLESTON SC
3/27/1997
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



Commissioner: Douglas E. Bryant

Board: John H. Burriss, Chairman
William M. Hull, Jr., MD, Vice Chairman
Roger Leaks, Jr., Secretary

Richard E. Jabbour, DDS
Cyndi C. Mosteller
Brian K. Smith
Rodney L. Grant

Promoting Health, Protecting the Environment

27 March 1997

CERTIFIED MAIL

Commander Paul Rose
Officer In Charge, Caretakers Site Office
Naval Facilities Engineering Command, ~~Southwest~~ **Division**
Building NH-45
Charleston Naval Base
Charleston, SC 29408-2020

Post-It® Fax Note	7671	Date	27 Mar	# of pages	4
To	Todd H	From	Paul Bergstrand		
Co/Dept.		Co.	DHEC		
Phone #		Phone #	803-896-4016		
Fax #		Fax #			

RE: Zone K Monitoring Well Request, Dated 26 March 1997 (Dotson to Bergstrand)
Naval Base Charleston
Charleston County
SC0-170-022-560

Dear Commander Rose :

The above referenced request has been reviewed with respect to R.61-79.265 Subpart F of the South Carolina Hazardous Waste Management Regulations and R.61-71 of the South Carolina Well Standards and Regulations. This request is for the installation of twenty temporary monitoring wells to assess and define contamination of the surficial aquifer. The deepest monitoring wells are anticipated to be completed to approximately 40 feet.

Attached, please find a Monitoring Well Approval Form and a copy of the proposed well locations. A copy of this monitor well approval form should be on site during drilling operations. Approval for five additional temporary wells has been included. The location of additional well point locations must be coordinated with the District EQC Hydrogeologist or myself. Further assessment may be required at this site. Should there be any questions, please contact me at 803-896-4016.

Respectfully,

Paul M. Bergstrand, Hydrogeologist
Hazardous Waste Section
Division of Hydrogeology
Bureau of Solid and Hazardous Waste

DD970363.PMB

Enclosures; Map, HW-97-0028

**CC: Christine Sanford-Coker, Trident District EQC
Johnny Tapia, Hazardous Waste Permitting Section
Jay Bassett, USEPA Region IV
Tony Hunt, Southern Division
Todd Haverkost, EnSafe, 935 Houston Northcutt Blvd., Mt. Pleasant, SC 29464**



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Promoting Health. Protecting the Environment

Richard E. Jabbour, DDS
Cyndi C. Moeteller
Brian K. Smith
Rodney L. Grandy

Monitoring Well Installation Approval

Approval is hereby granted to Commander Paul Rose: for

Zone K, per enclosed Map
Charleston Naval Shipyard/Base
Charleston County
RCRA Permit # SC0-170-022-560

for the construction of up to twenty five monitoring wells designated in accordance with the construction plans and specifications submitted to the Department on 26 March 1997 (Dotson to Bergstrand).

The wells will be constructed within the surficial aquifer to the approximate depth of 40 feet below the surface and screened for the purpose of monitoring aquifer conditions.

Conditions:

1. A driller certified to operate in the State of South Carolina must install the monitoring wells.
2. The driller's certification number, the latitude and longitude and the actual construction details for each well be submitted with the report of laboratory findings.
3. All monitoring wells must be developed until temperature, specific conductivity and turbidity measurements stabilize and the well produces clear, sediment-free water. Submit a record of these measurements with the well construction details.
4. All drill cuttings from the boreholes and purge water from well development must be contained. The containerized materials must be analyzed for disposal utilizing the same methods as the samples.
5. Contact Christine Sanford-Coker, Trident District EQC Hydrogeologist, during normal business hours at (803) 740-1590 or least 48 hours before installation of the wells.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and the Department of Health and Environmental Control Well Standards and Regulations, R.61-71.

Date of Issue: 27 March 1997

Approval Number: HW-97-0028

Paul M. Bergstrand, Hydrologist
Hazardous Waste Section
Division of Hydrogeology
Bureau of Solid and Hazardous Waste