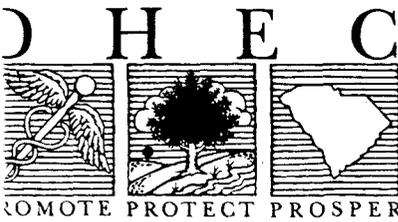


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CNC CHARLESTON
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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL APPROVAL OF MONITORING WELL INSTALLATION
(BISHOP TO MAGWOOD) FOR ZONE H SITE 659 CNC CHARLESTON SC
07/12/2002
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



12 July 2002

100 Bull Street
Columbia, SC 29201-1708

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Harry R. Chewning, Jr., DMD

Commander
NAVFACENGCOC Southern Division
Attn: Code ES24 (Gabriel Magwood)
P.O. Box 190010
North Charleston, SC 29419-9010

Re: CNB – Zone H; Site 659 (NS14)
Site Identification # 01311
Monitoring Well Installation Request received 12 July 2002
Charleston County

Dear Mr. Magwood:

The Department has reviewed your request to install additional sampling points at this location. Installation and sampling activities are approved for immediate implementation; a monitoring well installation permit is enclosed. Please note that all monitoring wells must be installed and/or abandoned in accordance with South Carolina Well Standards and Regulations R. 61-71 dated April 2002.

Upon completion of site activities, please provide the Department with a report detailing the installation activities and the results of the groundwater sampling event.

Should you have any questions please contact me at (803) 898-3553 (office phone), (803) 898-3795 (fax) or by e-mail bishopma@dhec.state.sc.us. Please reference Site ID # 01311 on all future correspondence.

Sincerely,

Michael A. Bishop, Hydrogeologist
Groundwater Quality Section
Bureau of Water

Enc: Monitoring Well Approval

cc: Trident District EQC (w/enc)
Jerry Stamps, SCDHEC-BLWM (w/enc)
Brian Crawford, 1849 Ave. F, North Charleston SC, 29405 (w/enc)
Technical File (w/enc)



100 Bull Street
Columbia, SC 29201-1708

Date of Issue: 12 July 2002
Approval No: 1452

Monitoring Well Installation Approval

COMMISSIONER:
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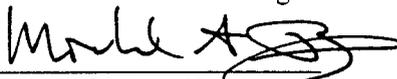
Approval is hereby granted to: Department of the Navy - CNC
Site ID#: 01311 (Zone H; Site 659 (NS14))
County: Charleston

This approval is for the construction of two (2) monitoring wells in accordance with the construction plans and technical specifications submitted to the Department dated 12 July 2002 and South Carolina Well Standards R.61-71 dated April 2002. The well(s) are to be constructed within the water table aquifer for the intended purpose of monitoring groundwater quality and/or water levels at the referenced facility. Approval is granted with the following conditions:

1. The monitoring wells are to be installed by a well driller certified by the State of South Carolina.
2. The name and address of facility/owner of the well(s); surveyed locations and elevations; drillers certification #, and date drilled; total well depth; screened interval; boring and/or geologists logs; and actual construction details for each well are to be submitted to within thirty days of completion of the last well(s) installed.
3. Each permanent well shall be labeled with an identification plate constructed of a durable material permanently secured to the well where it will be readily visible. The plate is to provide the monitoring well identification # or designation, company name and driller certification #, date of construction, total depth, casing depth, screened interval and static water level.
4. As per R.61-71.H (d) of the April 26, 2002 South Carolina Well Standards, please provide groundwater/soil quality analytical data, water levels and any associated field measurements from the well(s)/soil boring(s) to the Groundwater Quality Section in the Bureau of Water at SCDHEC within thirty (30) days of receipt from the laboratory.
5. Please provide a minimum of 48 hours notice to the SCDHEC **Trident** District EQC District Office at (843) 740-1590 prior to initiation of monitoring well installations and/or soil borings.
6. Well construction and sampling derived waste including but not limited to drill cuttings, drilling fluids, and development/purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regards to contents, source, and date of activity.
7. Wells shall be abandoned per R.61-71: South Carolina Well Standards - April 2002. Note that temporary wells shall be abandoned within 5 days.

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 Regulations R61-71.

Approved by:


Michael Bishop, Hydrogeologist
Groundwater Quality Section
Bureau of Water
bishopma@dhec.state.sc.us