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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL APPROVAL OF MONITORING WELL INSTALLATION  
(BISHOP TO MAGWOOD) ZONE H SITE 6 BUILDING 648 CNC CHARLESTON SC  
09/27/2001  
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



27 September 2001

2600 Bull Street  
Columbia, SC 29201-1708

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

Re: CNB - Zone H, Site 6 - BLDG 648  
**Site Identification # 17784**  
Monitoring Well Installation request received 27 September 2001  
Charleston County

Dear Mr. Magwood:

The Department has reviewed your request to install an additional sampling point 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.

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@columb32.dhec.state.sc.us](mailto:bishopma@columb32.dhec.state.sc.us). Please reference Site ID # 17784 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)  
Technical File (w/enc)  
Paul Bergstrand, SCDHEC-BLWM (n/enc)



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Date of Issue: 27 September 2001  
Approval No: 1244

### Monitoring Well Installation Approval

Approval is hereby granted to: Department of the Navy - CNB  
Site ID#: 17784  
County: Charleston

This approval is for the construction of one monitoring well designated in accordance with the construction plans and technical specifications submitted to the Department in the correspondence dated 25 September 2001 and South Carolina Well Standards and Regulations R. 61-71. The well(s) are to be constructed within the surficial aquifer for the intended purpose of monitoring groundwater quality and/or water level(s) at the referenced facility. Approval is provided with the following conditions:

1. The surveyed elevations, boring and/or geologist logs and actual (as built) construction details for each well be submitted to the Department with the completed report.
2. Well construction and sampling derived waste including, but not necessarily limited to, drill cuttings, drilling fluids, development and purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regard to contents, source, and date of activity.
3. A minimum of forty-eight (48) hours prior to initiation of drilling activities, please provide notice to the project manager, Michael A. Bishop at (803) 898-3553 or e-mail [bishopma@columb32.dhec.state.sc.us](mailto:bishopma@columb32.dhec.state.sc.us).
4. Please provide groundwater quality analytical data (chemical analyses and/or water level(s)) and associated measurements (i.e., *in-situ* field measurements) with the completed assessment report.
5. Monitoring wells shall be installed by a well driller certified by the State of South Carolina.
6. Each permanent well shall be labeled with an identification plate constructed of a durable material affixed to the casing or surface pad where it is readily visible. The plate shall provide monitoring well I.D.#, date of construction, static water level, and driller name and state certification number.
7. Wells shall be abandoned per R.61-71.10.

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 R.61-71.

Approved by:

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