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MONITORING WELL INSTALLATION APPROVAL FOR TWO WELLS IN ZONE H UNDER
PERMIT HW-95-0038 CNC CHARLESTON SC
8/4/1995
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



Commissioner: Douglas E. Bryant

Board: John H. Burris, Chairman
William M. Hull, Jr., MD, Vice Chairman
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Promoting Health, Protecting the Environment

Monitoring Well Installation Approval

Date of Issue: August 4, 1995 Approval No.: HW-95-0038

Approval is hereby granted to: Mr. Ralph L. Laney
on behalf of: Charleston Naval Shipyard

Permit or SCD #: SC0 170 022 560

County: Charleston

This approval is for the installation of two (2) monitoring wells. One well, NBCH-GDH-012, will be installed in Zone H. The second well, NBCC-GDC-003, will be installed in Zone C. These wells will be installed in accordance with the procedures included in the Comprehensive RFI Workplan, Volume II - Sampling and Analysis Plan, dated August 30, 1994, the South Carolina Well Standards and Regulations, R.61-71, and the South Carolina Hazardous Waste Management Regulations, R.61-79.264 Subpart F. The wells are to be constructed within the surficial aquifer for the intended purpose of monitoring groundwater quality and/or water levels.

Approval is provided with the following conditions:

1. Monitoring wells shall be installed by a well driller certified by the State of South Carolina.
2. That the latitude, longitude, "as built" construction details, boring and/or geologist logs be submitted to the Hazardous Waste Section of the Bureau of Solid and Hazardous Waste Management within 30 days of installation of the last well.

3. The monitoring wells must be developed by pump and surge and/or surge block techniques. Development must continue until temperature, specific conductivity, and turbidity measurements stabilize and the wells produce clear, relatively sediment-free water. A log of these measurements must be maintained during development. This log should be submitted along with the "as built" construction details in condition 2 above.
4. Each well should be labeled with an identification plate constructed of a durable material affixed to the casing so that it is readily visible. The plate shall provide well number, date of construction, static water level, driller name and state certification number.
5. Well construction and sampling derived waste including, but not limited to, drill cuttings, drilling fluids, development and purge water should be managed properly and in compliance with applicable requirements. If containerized, each container should be clearly labeled with regard to contents, source, and date of activity.

This approval is pursuant to the provisions of Section 4-5540 of the 1976 South Carolina Code of Laws and the Department of Health and Environmental Control Regulations R.61-79.264.101(d) and R.61-71.

Approved by: Joe B Bowers

Joe B. Bowers, Hydrogeologist
Hazardous Waste Section
Division of Hydrogeology
Bureau of Solid and Hazardous
Waste Management

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CONTROL (31)

PROJE

S 36° 04' 52"

SWMU #19
SOLID WASTE
TRANSFER

NRCH-GDH-012



