

N61165.AR.005534
CNC CHARLESTON
5090.3a

LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL REVIEW OF SAMPLING AND ANALYSIS PLAN (SAP) DATED
21 FEBRUARY 2003 FOR BUILDING 2508 AND MONITORING WELL INSTALLATION
APPROVAL CNC CHARLESTON SC
02/03/2003
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

D H E C



PROMOTE PROTECT PROSPER

3 February 2003

2600 Bull Street
Columbia, SC 29201-1708

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

COMMISSIONER:
C. Earl Hunter

BOARD:
Bradford W. Wyche
Chairman

Mark B. Kent
Vice Chairman

Howard L. Brilliant, MD
Secretary

Carl L. Brazell

Louisiana W. Wright

L. Michael Blackmon

Larry R. Chewning, Jr., DMD

Re: CNB – BLDG 2508
Site Identification # 00951
Sampling and Analysis Plan received 21 February 2003
Charleston County

Dear Mr. Magwood:

The Department has completed technical review of the referenced document. As submitted, the plan provides for investigative activities to determine the extent and severity of contamination associated with a release from the AST at the referenced facility. Based on the information provided, the proposal to perform groundwater sampling is approved for implementation.

Samples shall be collected from the two existing site monitoring wells and two DPT points to be installed as part of this investigation. The Navy may use best professional judgment when determining locations for the proposed DPT points, the Department recommends that the Navy consider one source area point and one point downgradient in close proximity to the suspected source.

Installation and/or abandonment of all sampling points will be in accordance with the technical specifications and descriptions provided and/or referenced in the submittal or as approved by the Department. A monitoring well approval is enclosed with this correspondence. Upon completion of investigative activities, the Department shall be provided with a report of findings.

Please submit an assessment report no later than 30 June 2003. Should you have any questions please contact me at (803) 898-3553 (office phone), (803) 898-2893 (fax) or by e-mail bishopma@dhec.sc.gov. Please reference Site ID # 00951 on all future correspondence.

Sincerely,

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

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



2600 Bull Street
Columbia, SC 29201-1708

Date of Issue: 24 February 2003
Approval No: 1648

Monitoring Well Installation Approval

COMMISSIONER:
C. Earl Hunter

BOARD:
Bradford W. Wyche
Chairman

Mark B. Kent
Vice Chairman

Howard L. Brilliant, MD
Secretary

Carl L. Brazell

Louisiana W. Wright

L. Michael Blackmon

Larry R. Chewning, Jr., DMD

Approval is hereby granted to: Department of the Navy - CNB
Site ID#: 00951 (BLDG 2508)
County: Berkeley

This approval is for the construction of two temporary monitoring wells in accordance with the construction plans and technical specifications submitted to the Department dated February 2003 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