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LETTER REGARDING REQUEST FOR APPROVAL OF TEMPORARY MONITORING WELL
INSTALLATION CNC CHARLESTON SC
01/18/2006
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

BOARD:
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Temporary Monitoring Well Approval

Approval is hereby granted to: CH2MHILL
(On behalf of): SOUTHDIV (CNC)
Facility: FDS AREA 16
DHEC ID #: 02098
County: Charleston

This approval is for the installation of one temporary groundwater monitoring well. The temporary well is to be installed in the location as illustrated on the site plan and per the proposed construction details provided by CH2MHILL in correspondence dated 16 January 2006. The temporary well is to be installed following all of the applicable requirements of R.61-71.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless the Department has approved another schedule. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
3. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.
4. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c.
5. If any of the information provided to the Department changes, Michael Bishop (803.898.3553) shall be notified a minimum of twenty-four hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002.

Date of Issuance: 18 January 2006

Approval #: 2567

Michael Bishop, Hydrogeologist
Groundwater Quality Section
Water Monitoring, Assessment and Protection Division
Bureau of Water

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18 January 2006

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

Re: CNB – FDS Area 16
Site Identification # 02098
Monitoring Well Installation request received 18 January 2006
Charleston County

Dear Mr. Magwood:

The South Carolina Department of Health and Environmental Control (SCDHEC) has reviewed and approved the referenced temporary monitoring well approval request submitted by CH2MHILL on behalf of SOUTHDIV. The original temporary monitoring well approval has been sent to CH2MHILL and a copy is enclosed for your records. The analytical results from the soil and/or groundwater samples should be submitted to my attention on or before 28 April 2006. Please note the following:

- All requirements for monitoring wells as defined in R.61-71 H.1-5 shall be followed unless the Department has issued a written variance as defined under R.61-71 H.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.
- Monitoring wells are to yield groundwater samples representative of the zone monitored per R.61-71 H.1.c of the South Carolina Well Standards and Regulations (e.g. low flow sampling techniques are recommended for samples to be analyzed for metals to reduce induced turbidity).
- When required, submittals shall be signed and sealed by a South Carolina Registered Professional Geologist or Professional Engineer as required by Title 40 - Chapter 77 of the South Carolina Code of Laws.

Should you have any questions, please contact me at (803) 898-3553 or bishopma@dhec.sc.gov.

Sincerely,

Michael Bishop, Hydrogeologist
Groundwater Quality Section
Water Monitoring, Assessment and Protection Division

Enc: Monitor well approval
cc: Region 7 District EQC (w/enc)
Jerry Stamps, BLWM (w/enc)
Andrew O'Connor, CH2MHILL, 1330 Kilo Street, N. Charleston SC 29405 (w/original MWA)
Technical File (w/enc)