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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL REVIEW OF REMEDIATION MONITORING REPORT
RECEIVED 21 DECEMBER 2004 AND MONITORING WELL APPROVAL FOR ZONE H AREA
OF CONCERN 659 (AOC 659) ABOVE GROUND STORAGE TANK NS14 (AST NS14)
12/31/2004
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

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Secretary



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Promoting and protecting the health of the public and the environment.

31 December 2004

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

RE: AST NS 14 (AOC 659 – Zone H)
Site ID # 01311
Remediation Monitoring Report received 21 December 2004
Charleston County

Dear Mr. Magwood:

The Department has completed technical review of the referenced document. Interpretation of the analytical data provided in the referenced report indicates that chemicals of concern remain above established Risk-Based Screening Levels and MCLs.

The South Carolina Department of Health and Environmental Control (SCDHEC) has reviewed and approved the referenced monitoring well approval request submitted by CH2M-Jones as part of the CAP included in the referenced report. The original monitoring well approval has been sent to CH2M-Jones and a copy is enclosed for your records. The analytical results from the groundwater samples should be submitted to my attention on or before 31 May 2005. Please note the following:

- 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).

Please submit the next remediation monitoring report no later than 31 May 2005. 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: Copy of Monitor Well Approval

cc: Trident District EQC (w/enc)
Jerry Stamps – BLWM (w/enc)
Darryl Gates, CH2MHILL, 1330 Kilo Street, N Charleston, SC 29405 (w/original MWA)
Technical File (w/enc)

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Monitoring Well Approval

BOARD:
Carl L. Brazzell
Louisiana W. Wright
L. Michael Blackmon
Coleman F. Buckhouse, MD

Approval is hereby granted to: CH2M-Jones
(on behalf of): NAVFACENGCOM Southern Division
Facility: CNB - AST NS 14 (AOC 659 - Zone H)
Site Identification #: 01311
County: Charleston

This approval is for the installation of five (5) permanent groundwater monitoring wells. The monitoring wells are to be installed in the locations as illustrated on Figure # 3 and per the proposed construction details provided by CH2M-Jones in correspondence dated 20 December 2004. The monitoring wells are 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 monitoring wells shall be labeled as required by R.61-71.H.2.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: 31 December 2004

Approval #: 2213

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