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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL REVIEW OF ASSESSMENT PLAN RECEIVED 9 FEBRUARY
2009 AND TEMPORARY MONITORING WELL APPROVAL CNC CHARLESTON SC
02/09/2009
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



C. Earl Hunter, Commissioner

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

February 9, 2009

Kathryn Stewart, P.E.
BRAC PMO SE
4130 Faber Place Drive, Suite 202
N. Charleston, SC 29405

Re: CNB – Chicora Tank Farm
Site Identification # 13350
Assessment Plan received February 9, 2009
Charleston County

Dear Ms. Stewart:

The South Carolina Department of Health and Environmental Control (SCDHEC) has reviewed and approved the referenced temporary monitoring well approval request submitted by Advent. The original temporary monitoring well approval has been sent to Advent and a copy is enclosed for your records. The analytical results from the groundwater samples should be submitted to my attention within thirty days (30) of receipt from the laboratory or on or before March 28, 2009. 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).

Furthermore, as Department has a spill/incident report of a release from the pipeline associated with Chicora Tank farm the Department requests that the full length of the pipe line be assessed to determine if one or more releases have occurred. According to our reports submitted to the Department the pipeline runs along 15th Street, which now may be known as Redwood St. If you have any questions, please contact me at (803) 896-4179.

Sincerely,

Jan T. Cooke, Hydrogeologist
AST Petroleum Restoration & Site Environmental Investigations Section
Land Revitalization Division
Bureau of Land and Waste Management

enc: Monitor well approval
cc: Region 7
James Weeg; Advent (via pdf)
Meredith Amick, BL&WM (via pdf)
C. Anthony Rhodes; PO Box 70902 North Charleston, SC 29415



C. Earl Hunter, Commissioner

Temporary Monitoring Well Approval

Approval is hereby granted to: Advent
Facility: Chicora Tank Farm
Site ID # 13350
Charleston County

This approval is for the installation of twelve temporary groundwater-monitoring wells. The temporary monitoring wells are to be installed in the locations as illustrated on Figure #1 and per the proposed construction details provided in the February 9, 2009 correspondence. 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 another schedule has been approved by the Department. 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, the project manager, Jan Cooke (803-898-4248) 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: February 9, 2009

Approval #: 3535

Jan T. Cooke, Hydrogeologist
AST Petroleum Restoration & Site Environmental Investigations Section
Land Revitalization Division
Bureau of Land and Waste Management