



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 7, 2014

Mr. Jay Smith, P.E.
Phillips North America
15313 West 95th Street
Lenexa, Kansas 66219

Re: Former Shakespeare Site ID#51025
Workplan and Request for Well Installation Permit received August 7, 2014
Newberry County

Dear Mr. Smith,

The Department has received and reviewed approved the referenced Workplan submitted by Mr. Scott Ross, P.G., of AECOM dated August 7, 2014. Attached is your copy of the Monitoring Well Installation Approval which is for up to twenty shallow temporary wells. The original has been sent to Mr. Ross. The analytical results from these wells should be submitted to my attention within thirty days (30) of receipt from the laboratory or on or before September 30, 2014. Please include all the well/boring logs with the report. 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 feel free to contact me with any questions or comments at (803) 898-0722 or at walker@dhcc.sc.gov.

Sincerely,

Addie Walker, Hydrologist

State Remediation Section

Bureau of Land and Waste Management

CC: Gary Stewart, BLWM via email
Harry Mathis, region 3 EQC via email
Scott Ross, AECOM, 3820 Faber Place Drive, Suite 300, N. Charleston, SC 29405
File #51025



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Monitoring Well Installation Approval

Approval is hereby granted to: AECOM
(on behalf of): Philips North America
Facility: Shakespeare Composite Structures Site
Site Identification: File #51025
County: Newberry

This approval is for the installation of up to twenty (20) shallow temporary monitoring wells. These wells are to be installed per the correspondence dated August 4, 2014. The 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 10 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 **Addie Walker (803) 898-0722** 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: August 7, 2014

Approval #: MW-09738

Addie Walker, Hydrologist
State Remediation Section
Bureau of Land and Waste Management