



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

October 22, 2013

Mr. William Penn
United Technologies Corporation
EH&S Remediation Group
9 Farm Springs Road, MS 101
Farmington, CT 06032

Re: Goodrich Delavan Spray Technology Site, DHEC ID #02211
Remedial Investigation Work Plan dated August 1, 2013
Health and Safety Plan Remedial Investigation Activities dated August 2013
VCC #13-4762-RP
Bamberg County

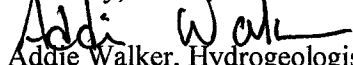
Dear Mr. Penn,

The Department has reviewed and approves the referenced submittal with the addition of one deep permanent well. The location of the additional well is designated on the attached map and is recommended for the purpose of delineating the Southeast edge of the deep plume. Attached is your copy of the Monitoring Well Installation Approval for the installation of 9 permanent wells and up to 30 temporary wells (soil borings). The original well installation approval has been sent to Mr. Walter Gerald of AECOM. 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 December 15, 2013. 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).

If you have any questions, please contact me at (803) 898-0722 or at walkeras@dhec.sc.gov.

Sincerely,


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

enc: Monitor well approval
CC: Jennifer Hughes, Director, Region 5 District EQC – Aiken
Mr. Walter Gerald, P.G., AECOM, 10 Patwood Drive, Bldg. VI, Suite 500, Greenville, SC 29615
Mr. Richard Kearse, UTC, P.O. Box 969, Bamberg, SC 29003
File



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Monitoring Well Installation Approval

Approval is hereby granted to: AECOM
(on behalf of): UTC
Facility: Delavan Spray Site
Site Identification: #02211
County: Bamberg

This approval is for the installation of nine (9) permanent groundwater wells and 30 temporary wells (soil borings). These wells are to be installed per the correspondence dated August 1, 2013. 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: October 22, 2013

Approval #: MW-09366

Addie Walker, Hydrologist

State Remediation Section

Bureau of Land and Waste Management

