



JERRY AYCOCK  
PLANTATION PIPE LINE  
1000 WINDWARD CONCOURSE  
SUITE 450  
ALPHARETTA GA 30005

JAN 22 2019

Re: Response to Request for Well Permit to Install Additional Monitoring Wells, Advance a Soil Boring and Abandon Select Product Recovery Features Document  
Plantation Pipe Line Lewis Drive Release, 112 Lewis Dr., Belton, SC  
Anderson County  
Site #18693  
Petroleum Pipe Line Release Reported December 8, 2014  
Request for Well Permit to Install Additional Monitoring Wells, Advance a Soil Boring and Abandon Select Product Recovery Features received November 29, 2018

Dear Mr. Aycock,

The South Carolina Department of Health and Environmental Control (Department) has reviewed the above referenced document and offers the following comments:

- 1) The Department concurs with the proposal to install two shallow wells (MW-56 & MW-57) in the areas south and west of MW-46 and a soil boring (SB-01) east of MW-38 to address contamination in these areas as noted in item 15 of the December 11, 2018 correspondence (Coleman to Aycock). Attached please find the monitoring well approval. A recommendation of additional assessment action should be provided based upon data collected from soil boring SB-01 within 60 days. As requested in the December 11, 2018 correspondence, the Department requests that groundwater collected from all newly installed monitoring wells are sampled monthly for the first 4 sampling events. Based upon those initial monthly events, sampling frequency can be evaluated.
- 2) In regards to the proposal to abandon 43 product recovery features, the Department requests that these points remain and continue to be monitored monthly as agreed to in the approved Corrective Action Plan to monitor the effectiveness of the current remediation system. Per the June 16, 2017, December 14, 2017 and December 11, 2018 correspondence (Coleman to Aycock) measureable free phase petroleum product must be evacuated.
- 3) The Department requests that items 6 (iso-concentration maps and product thickness maps for the surficial aquifer and the bedrock aquifer for March 2017, September 2017, March 2018, September 2018, 711), 7 (an updated Groundwater Monitoring Well Plan Table), and 11 (an evaluation of the addition of oxygen releasing compounds to supplement the existing remedial measures in the area of Cupboard Creek) be provided within 30 days. These items were to be provided by December 30, 2018, as stated in the December 11, 2018 correspondence. To date they have not been received.

The Department should be notified a minimum of four days prior to any environmental work being conducted. Documents should continue to be provided in paper format and pdf via a disk with Site ID # 18693 and Plantation Pipe Line Lewis Drive Release noted in a prominent location. Should you have any questions, I can be reached at (803) 898-0628 or colemaj@dhec.sc.gov. Faxes can be sent to (803) 898-0673.

Sincerely,



Bobbi Coleman, Hydrogeologist  
Assessment & Unregulated Petroleum Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management

CC: Chris McCluskey, Upstate EA Region Anderson Office  
William Waldron, Jacobs, 3120 Highwoods Blvd., Suite 214, Raleigh, NC 27604  
Gary Poliakoff, Poliakoff & Associates, PO Box 1571, Spartanburg, SC 29304  
Scott Lewis, 15 Edgewood Dr., Williamston, SC 29697  
Eric Lewis, 421 Reedy Fork Rd., Greenville, SC 29605  
Technical File



### Monitoring Well Approval Form

**Approval is hereby granted to:** Jacobs Engineering Group Inc.  
**(On behalf of):** Plantation Pipe Line  
**Facility:** Plantation Pipeline Lewis Drive Release, 112 Lewis Dr., Belton SC  
**Site ID Number:** 18693  
**County:** Anderson

This approval is for the installation of two shallow groundwater monitoring wells, designated as MW-56 and MW-57 and one soil boring designated as SB-01 to the top of bedrock as requested in the November 29, 2018 correspondence. These wells and boring must be installed following the South Carolina Well Standards, R.61-71 and all applicable guidance documents.

*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. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
3. 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
4. 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.
5. If any of the information provided to the Department changes, notification to Bobbi Coleman (tel: (803) 898-0628 or e-mail: colemaj@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.
6. All temporary monitoring wells, sumps, and trenches shall be abandoned within 30 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.
7. Department approval is required prior to abandonment of all monitoring wells 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 May 27, 2016. A copy of this approval should be on the site during well installation.

**Date of Issuance: January 17, 2019**

**Approval #: MW-11841**

Bobbi Coleman, Hydrogeologist  
Assessment & Unregulated Petroleum Section  
Underground Storage Tank Management Division  
Bureau of Land and Waste Management