



SEP 12 2017



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

Re: Monthly Report Reviews & Monitoring Well Approval  
Plantation Pipe Line Lewis Drive Release, 112 Lewis Dr., Belton SC  
Site #18693  
Petroleum Pipeline Release Reported December 8, 2014  
Well Installation Request Review (Coleman to Aycock) dated January 20, 2017  
Weekly and Monthly Report Reviews, Monitoring Well Installation Approval, and Pilot Study Plan Review  
(Coleman to Aycock) dated June 16, 2017  
Meeting with Plantation Pipe Line and CH2M held on July 21, 2017  
April 2017 Monthly Status Update received August 7, 2017  
May 2017 Monthly Status Update received August 7, 2017  
June 2017 Monthly Status Update received August 22, 2017  
Conference Call with Plantation Pipe Line and CH2M held on August 23, 2017  
Monitoring Well Installation Request e-mailed September 1, 2017  
Anderson County

Dear Mr. Aycock:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) appreciates the submittal of the referenced reports. The reports document benzene, ethylbenzene, toluene, total xylenes, and MTBE in excess of Risk Based Screening Levels (RBSLs) in multiple monitoring wells. To address the need for delineation of the dissolved phase plume, Plantation Pipe Line stated in the August 23, 2017, conference call that installation of the additional monitoring wells approved January 20, 2017, and June 16, 2017, (Coleman to Aycock) would begin on September 5, 2017.

**Please provide an explanation of how the dissolved phase plume in the bedrock zone will be addressed within 30 days of the date stamped on this correspondence.** The June 2017, Monthly Status Update reported dissolved phase concentrations in bedrock monitoring wells MW-12B, MW-14B, MW-15B, MW-17B, and MW-24B in excess of RBSLs and increasing. The June 2017, Monthly Status Update also reported dissolved phase concentrations in bedrock monitoring wells MW-12B, MW-13B and MW-24B in excess of RBSLs. Dissolved phase contamination was detected in bedrock monitoring well MW-12B for the first time since January 2016. Also, dissolved phase contamination was detected in bedrock monitoring well MW-24B which previously has not indicated contamination. If additional sampling verifies contamination in MW-24B, additional delineation of the dissolved phase plume in the bedrock, in the area of MW-24B, will need to be proposed.

The June Monthly Status Update documents benzene in excess of its RBSL in MW-24. If additional sampling verifies the presence of benzene in MW-24, additional delineation of the dissolved phase plume in the shallow aquifer, in the area of MW-24, will need to be proposed.

As discussed during the August 23, 2017, conference call, please ensure text within reports is consistent with attached tables. Also, the method used to collect dissolved phase groundwater samples should be specified within the text.

Please find the attached monitoring well approval to install MW-50B.

DHEC requests notification a minimum of four days prior to any environmental work conducted at the site. 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

Enc: MWA #11247

CC: Chris McCluskey, Upstate Region EA Anderson (w/enc.)  
William Waldron, CH2M Hill, 3120 Highwoods Blvd., Suite 214, Raleigh, NC 27604 (w/enc.)  
Gary Poliakoff, Poliakoff & Associates, PO Box 1571, Spartanburg, SC 29304 (w/enc.)  
Scott Lewis, 15 Edgewood Dr., Williamston, SC 29697 (w/enc.)  
Eric Lewis, 421 Reedy Fork Rd., Greenville, SC 29605 (w/enc.)  
Technical File (w/enc.)



### Monitoring Well Approval Form

**Approval is hereby granted to:** CH2M  
**(On behalf of):** Plantation Pipeline  
**Facility:** Plantation Pipeline Lewis Drive Release, 112 Lewis Dr., Belton SC  
**Site ID Number:** 18693  
**County:** Anderson

This approval is for the installation of one bedrock monitoring well, designated MW-50B, as requested in a September 1, 2017 e-mail. This well shall 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 Agency shall be completed and submitted to the Agency within 30 days after well completion or abandonment unless another schedule has been approved by the Agency. 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 Agency within 30 days of receipt of laboratory results unless another schedule has been approved by the Agency as required by R.61-71.H.1.d.
5. If any of the information provided to the Agency changes, notification to Bobbi Coleman (tel: (803) 898-0628 or e-mail: colembj@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. Agency 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 April 26, 2002. A copy of this approval should be on the site during well installation.

**Date of Issuance: September 6, 2017**

**Approval #: MW-11247**

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