

Background

Plantation Pipe Line Company owns and operates a 26-inch pipeline that transports gasoline and petroleum products across South Carolina. A leak was discovered on Dec. 8, 2014, on Lewis Drive approximately 450 feet east of the intersection of Calhoun Road and Lewis Drive, approximately one mile northwest of Belton.

Repairs to the 26-inch pipeline were completed by Plantation Pipe Line. Lewis Dr. was reopened to traffic the week of Dec. 19. Plantation Pipe Line reported that approximately 369,600 gallons of gasoline and diesel (mostly gasoline) were released to the environment.

DHEC's Role

The S.C. Department of Health and Environmental Control (DHEC) oversees Plantation Pipe Line's assessment, monitoring and clean-up of the spill.

DHEC required Plantation Pipe Line to perform an evaluation of the impacts to the environment, called an assessment. Plantation Pipe Line also has submitted a Corrective Action Plan (CAP) to DHEC outlining how it will continue cleaning up the petroleum and monitoring groundwater and surface water. The cleanup process is expected to continue for up to 10 years or more.

DHEC will continue to:

- Review assessment data and findings to ensure the nature and extent of the contamination is identified.
- Evaluate CAP to make sure the proposed cleanup method is appropriate.
- Oversee and ensure cleanup is moving toward goals that are protective of human health and the environment.

Response Actions

Plantation Pipe Line has reported that, as of the end of December 2016, **213,951** gallons of petroleum had been recovered.

Plantation Pipe Line's initial response actions included the installation of temporary monitoring wells, recovery wells, sumps and trenches, and containment booms. Approximately 2,800 tons of contaminated soil were removed.

Currently, the cleanup process includes 88 permanent monitoring wells, 15 recovery wells, 20 recovery sumps, two trenches, and several containment booms. Weekly recovery of petroleum is on-going and surface water samples are collected and analyzed monthly at multiple locations along Brown's Creek. Plantation Pipe Line has submitted periodic monitoring reports to DHEC since response actions began.

Next Steps

Cleanup will continue until the petroleum release no longer poses a risk to human health and the environment. DHEC will continue to oversee Plantation Pipe Line's removal of petroleum, installation and operation of the groundwater cleanup system and monitoring of the petroleum.

DHEC has established a webpage where information about the project, periodic monitoring reports and the CAP can be found. DHEC will provide updates on the progress of cleanup on its website and through periodic meetings with stakeholders as needed. www.scdhec.gov/LewisDrivePipelineSpill

If you have any questions about the cleanup, please contact Bobbi Coleman, DHEC Project Manager at (803) 898-0628 or colemajb@dhec.sc.gov.

