



February 22, 2018

Mr. Matthew Gordon  
Sunoco Logistics, L.P.  
535 Fritztown Road  
Sinking Spring, PA 19608

Re: Hydrogeological Re-Evaluation Report  
East Swedesford Road, Horizontal Directional Drill (HDD) Location (S3-0381)  
PA DEP Permit No. E15-862  
West Whiteland Township  
Chester County

Dear Mr. Gordon:

The Department of Environmental Protection (DEP) has reviewed the supplemental HDD analysis submitted on November 3, 2017, for the East Swedesford Road, HDD (S3-0381), DEP Permit No. E15-862. This information was initially posted on DEP's Mariner East II pipeline portal webpage on November 6, 2017. DEP provided comments to Sunoco's initial submission on December 4, 2017. Sunoco Pipeline, L.P. (SPLP), submitted supplemental information responding to DEP's comments on January 18, 2018. DEP has reviewed your January 18, 2018, supplemental submission, as well as public comments that were received.

SPLP's reevaluation for HDD 0381 addresses the installation of both the 16-inch and 20-inch diameter pipelines. SPLP has proposed a revised design for pipeline installation along the original HDD S3-0381 alignment to reduce the potential impact to the Hillside Drive production well owned by Aqua America, the local water authority, along East Swedesford Road.

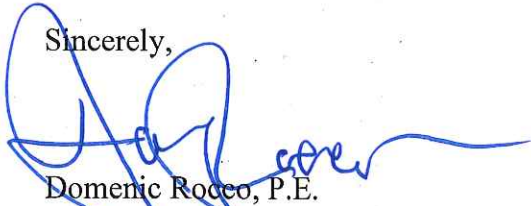
SPLP's proposal changes crossing methodology from the original HDD design to a combination of open cut, five conventional bores, and one short length HDD in the area encompassed by the original design of HDD No. S3-0381. SPLP proposes to utilize "flex-bore" technology as a means to avoid inadvertent returns for the redesigned short HDD. The supplemental information submitted by SPLP on January 18, 2018, adequately addresses DEP's December 4, 2017, comments. Subject to the restrictions set forth below, SPLP may proceed with the installation of the 16-inch and 20-inch diameter pipelines at the East Swedesford Road, HDD Location (S3-0381), DEP Permit No. E15-862, in the manner proposed in your reevaluation and in accordance with all applicable permit terms and conditions.

The changes to the HDD Inadvertent Return Assessment, Preparedness, Prevention and Contingency Plan (revised February 6, 2018), as set forth in Section 2.0, make clear that the term HDD includes other trenchless construction methodologies which use drilling fluids returning through an open annulus, including, but not limited to, guided auger bores, guided bores, and FlexBors. Accordingly, notifications to property owners must be provided to landowners within 450 feet of the alignment and Sunoco should offer water well testing to the landowners consistent with the provisions of paragraph 8 of the Corrected Stipulated Order of August 10, 2017, filed at Environmental Hearing Board Docket No. 2017-009-L.

In addition, please be advised that prior to commencing installation of the 16-inch and 20-inch diameter pipelines, SPLP must obtain permit modifications of both SPLP's Chapter 102 and Chapter 105 permits. SPLP has already submitted the Chapter 102 Permit Modification Request. That submission is currently under review. DEP has not yet received the Chapter 105 Permit Modification Request.

If you have additional questions, please contact Mr. John Hohenstein at the Southeast Regional Office at 484.250.5171.

Sincerely,



Domenic Rocco, P.E.  
Acting Environmental Program Manager  
Regional Permit Coordination Office

cc: Mr. Mulray, P.G. - GES  
Mr. Wardrop, P.G. - GES  
Mr. Hohenstein, P.E. - DEP  
Mr. Sofranko - Chester County Conservation District  
Re 30 (GJS18WAW)51-7