

July 6, 2018

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

Re: Hydrogeological Re-Evaluation Report  
Piney Creek Crossing Horizontal Directional Drill Location (S2-0142)  
Application No. E07-459  
Woodbury Township, Blair County

Dear Mr. Gordon:

The Department of Environmental Protection has reviewed the supplemental HDD analysis submitted for Piney Creek Crossing Horizontal Directional Drill Location (S2-0142), on December 28, 2017, March 8, 2018, June 7, 2018, and July 4, 2018.

Based on the Department's review of the HDD re-evaluation report, the Department believes that it is critical to have Sunoco management and/or appropriate Sunoco technical representatives on-site while the HDD operation is being conducted. Sunoco shall notify the Department, by phone call or email to Andrea Blosser or Ron Eberts Jr., at least 24 hours in advance of commencement of the HDD with who will be representing Sunoco in oversight of this HDD. Ms. Blosser or Mr. Eberts can be reached at 717.705.4763 and 717.705.4819 or [ablosser@pa.gov](mailto:ablosser@pa.gov) and [reberts@pa.gov](mailto:reberts@pa.gov) respectively.

Further, SPLP must notify the drilling contractor of the high degree of bedrock fracturing west of Piney Creek and provide them with the materials for reference against the profile and prepare and keep on site a profile of the HDD that denotes the inferred fracture zones which were delineated through the geophysical survey and fracture trace analysis. This may provide the driller some advance notice of the zones with increased potential for drilling fluid loss.

Finally, as SPLP has indicated their intent to do so, DEP concurs with and strongly recommends that SPLP utilize a low-pressure HDD rig to perform the HDD activities at this site.

The supplemental information is adequate. You may proceed with the permitted HDD activity in the manner proposed in your re-evaluation and in accordance with all applicable permit terms and conditions.

If you have additional questions, please call me at 717-705-4765 or email at [emuzic@pa.gov](mailto:emuzic@pa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'E. J. Muzic', written in a cursive style.

Edward J. Muzic, P.E.  
Civil Engineer Manager, Hydraulic  
Dam Safety, Waterways & Wetlands Section  
Waterways & Wetlands Program

cc: Larry Gremminger (via email)  
Douglass J. Hess, P.G., RETTEW  
Ethan E. Prout, P.G., RETTEW  
Christopher T. Brixius, P.G., RETTEW  
Diane Thomas, Blair County Conservation District