

March 21, 2019

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

Re: Hydrogeological HDD Re-Evaluation Report
Old Mill Rd. 16" Horizontal Directional Drill Location (S2-0156-16)
Permit No. E34-136
Lack Township, Juniata County

Dear Mr. Gordon:

The Pennsylvania Department of Environmental Protection (DEP) is requesting more information from Sunoco Pipeline, L.P. (SPLP) related to the HDD Re-Evaluation for the Old Mill Rd. site, HDD# S2-0156-16 and permitted under Permit E34-136, posted on the DEP Mariner East II pipeline portal webpage on February 5, 2019.

1. No geophysical investigation was completed in this area that has karst geology and no detailed justification was provided by SPLP for not conducting such studies. The boring log from Boring B-02 identifies multiple solution activity zones with several areas where the tool dropped during boring activities.

DEP recommends that additional geophysics be considered along the eastern entry/exit side. SPLP should provide a full explanation for why geophysical surveys would not be necessary to ensure that the HDD minimizes the potential for inadvertent return(s) and impacts to water supplies if SPLP's determination is to not conduct geophysical surveys.

2. All water supply wells located along fracture trace trends within proximity to the HDD path do not appear to have been considered as part of this re-evaluation. Given the fracture trace analysis, SPLP should include the evaluation of water supplies that may be located along the fracture trace trends. This may include evaluation of available on-line data, field surveys, and evaluation of whether properties along the fracture trace trends are already connected to a public water supply system. Additional information regarding the investigation of those potential supply wells should be included in the re-evaluation. If the risk of minimized impact to these wells cannot be determined, we recommend the those water supply owners should be offered the same course of action as if they were located within 450-feet.

Upon receipt, DEP will post SPLP's response to this letter on the DEP pipeline portal webpage for public comment. The public will have 5 additional business days from the date of posting on the website to provide DEP any additional comment.

If you have any questions or would like to discuss this letter, please contact me at scwilliams@pa.gov or 717.705.4799.

Sincerely,

A handwritten signature in black ink, appearing to read 'S.R. Williamson', with a long horizontal flourish extending to the right.

Scott R. Williamson
Program Manager
Waterways & Wetlands Program

cc: Larry Gremminger, Energy Transfer Partners/Sunoco Pipeline, L.P. (pdf copy)
Monica Styles, Sunoco Pipeline, L.P. (pdf copy)
Doug Hess, P.G., Skelly and Loy
Mike Locke, Cumberland County Conservation District (pdf copy)