

April 1, 2019

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

Re: Hydrogeological HDD Re-Evaluation Report
Joanna Road 16" Horizontal Directional Drill Location (S3-0250-16)
Permit No. E06-701
Caernarvon Township, Berks 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 Joanna Road site, HDD # S3-0250 and permitted under E06-701, posted on the DEP Mariner East II pipeline portal webpage on February 13, 2019.

1. As required by Paragraph 4 and 5 of the Environmental Hearing Board's August 10, 2017 Corrected Stipulated Order, SPLP failed to fully utilize information gathered during the HDD of the 20-inch bore as part of the HDD Re-evaluation for the 16-inch pipeline. Please utilize the geologic and drilling logs of the 20-inch pipeline bore in conjunction with the boring data on the alignment to demonstrate and support how the proposed drill pathway will assuredly travel in the bedrock for a significant distance beyond the previous eastern exit hole. Plot this information on the proposed drill path profile.

This information should then be used to describe why the chosen bore path for the 16-inch pipeline was determined and how such information has been used to minimize the potential for IR's to occur and as part of the discussion of construction alternatives, including why HDD activity is still the preferred and chosen methodology for pipeline construction at this location.

2. Relating to the Analysis of well production zones and use of information obtained during construction of the 20-inch pipeline:

The re-evaluation report fails to include evaluation of the information and any data collected for the two private water supplies within 450 feet of the HDD, the other nearby water supplies identified in the report (>450 feet from the HDD), or the water supply complaint that was investigated during the construction of the 20-inch pipeline.

Any private or public water supply data obtained within 450 feet or otherwise obtained in the vicinity of the 20-inch or proposed 16-inch HDD should be used and discussed as part of this HDD re-evaluation. This data should include but not be limited to any applicable water supply sampling data and any water supply complaints that SPLP may have obtained and received for water supplies within 450 of the HDD or within the general vicinity during construction of the 20-inch pipeline. The results of the SPLP's water supply sampling program, investigation, disposition of the complaint, and any correlation or non-correlation to SPLP's construction activities should be evaluated and discussed in the HDD re-evaluation report and used to demonstrate that the proposed 16-inch HDD activity will minimize the potential for IR's and impacts to water supplies. Please revise the re-evaluation report to include this information.

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,



Scott R. Williamson
Program Manager
Waterways & Wetlands Program

cc: Monica Styles, Sunoco Pipeline, L.P. (pdf copy)
Larry Gremminger, Energy Transfer Partners/Sunoco Pipeline, L.P. (pdf copy)
Douglas Hess, P.G., Skelly and Loy
Shawn Fassl, Berks County Conservation District (pdf copy)