



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southwest Regional Office

February 8, 2018

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

RE: Hydrogeological Re-Evaluation Report
HDD S1B-0190, E65-973
Hildenbrand Road Crossing
Sewickley Township, Westmoreland County

Dear Mr. Gordon:

DEP reviewed the January 4, 2018 response to our December 15, 2017 comment letter and is requesting more information related to the HDD Analysis for the S1B-0190 HDD under permit E65-973. The Re-evaluation Report and comment letter response submitted by Sunoco Pipeline (SPLP) were posted on the DEP Mariner East II pipeline portal webpage on November 27, 2017 and January 4, 2018 respectively.

1. In its response to Item 2.b of DEP's December 15th letter, SPLP states that HDD activities could affect individual well use during active drilling for wells located within 150 linear feet of either side of the profile. SPLP offers no justification of how the 150 linear feet designation was determined. Please provide justification, sealed by a Pennsylvania Professional Geologist, that wells outside of 150 feet of the profile will not be impacted.

In addition, in order to resolve this issue, SPLP needs to enter into written agreements with all private water supply owners whose water supplies may be impacted by this drill as part of this reevaluation and in advance of commencing the HDD. This includes water supply owners greater than 150 linear feet from the profile if it is determined that there may be impacts to the water supply. Under the agreements, SPLP must provide temporary and if necessary, permanent, replacement potable water supplies adequate in quantity and quality for the purposes served, to the satisfaction of all potentially affected water supply owners. SPLP shall provide proof of these agreements to the DEP with a response to this letter. The agreements should provide for SPLP to conduct water quality and quantity testing of each potentially affected water supply prior to, during, and after the HDD activities.

2. In its response to Item 2.b of DEP's December 15th letter, SPLP states that all landowners with property located within 450 feet of the Right-of-Way (ROW) were sent a notification letter. DEP requests copies of all letters sent to individual landowners within 450 feet of the HDD. Please provide both a redacted version for posting on DEP's webpage and an unredacted copy of each letter for our information. DEP also requests

the property owners' response to the notifications, if any were received by SPLP. Please provide both a redacted (landowner information) and unredacted copy of each response.

3. Additionally, DEP requests the following information related to the project's potential effect on well production zones and water supplies:
 - a. An analysis of private water supply well production zones and how the proposed HDD activities interact with them (listing the depths of wells and pumps is insufficient).
 - b. A map showing all the private water supplies in the correct, surveyed locations.
 - c. A description of the following: if there is short tripping of the tooling during the HDD, what are the chances of a plunger-effect occurring during either the drilling or reaming phases or during pipe pullback, and could this affect private water supplies?
 - d. Water quality sample results of the private water supplies that may be affected.
 - e. Water quantity test results (pump yield tests) of the private water supplies that may be affected.

Upon receipt, DEP will post requested additional information 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 regarding this matter, please contact me at 412.442.4149, or by email at dadrake@pa.gov.

Sincerely,



Dana Drake, P.E.
Environmental Program Manager
Waterways & Wetlands Program