

From: Styles, Monica L <MONICA.STYLES@energytransfer.com>
Sent: Thursday, March 5, 2020 5:51 PM
To: Staron, Richard <rstaron@pa.gov>
Cc: Bryan, Nick <nick.bryan@energytransfer.com>; Hohenstein, John <johohenste@pa.gov>
Subject: [External] RE: HDD 310 Pennsylvania Drive

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Good afternoon Richard,

Please see our response to your two items below in **red**. Please let me know if you have any additional questions.

Thanks,
Monica

From: Staron, Richard <rstaron@pa.gov>
Sent: Wednesday, February 26, 2020 3:40 PM
To: Bryan, Nick <Nick.Bryan@energytransfer.com>
Cc: Hohenstein, John <johohenste@pa.gov>; Gerlach, William J <wgerlach@pa.gov>; Yordy, Karyn <kyordy@pa.gov>
Subject: HDD 310 Pennsylvania Drive

Nick,

We have completed the review of HDD 310 Pennsylvania Drive. Be advised that additional information identified below must be provided in order to complete the review of the HDD re-evaluation portion of this site:

- 1) The reevaluation includes no geophysical analysis. In Section 2.4 of the GES report, it states that results of geophysics are pending. Considering HDD-induced soil collapse resulted during the installation of the 16-inch line, a geophysical analysis of HDD profile should be included to ensure the protection of human health and environment.
The final geophysical survey report is considered Confidential Security Information, and was separately transmitted to the Department by counsel this afternoon.
- 2) The seventh bullet point states that casing will be utilized to prevent overburden unraveling. It should be explained if this is a temporary or permanent casing. If temporary, an explanation will be required demonstrating how the overburden will be stabilized in the absence of the casing.
ET's intent is to remove the casings, following completion of the construction of the 20" pipeline, where possible. This determination, however, can only be made after the pipe is completely installed and the area around the casings is evaluated for but not limited to: 1) post pipe pull subsidence inspections around the casing locations, 2) review of any issues encountered during the pipe pull (i.e. groundwater flowback) 3) ability to pull the casing without adverse effect to the installed pipe 4) the logistics and effectiveness of providing suitable replacement materials (such as backfill soils or grout) following the casing removal.

The entire HDD reevaluation does not have to be resubmitted. A letter report documenting the above information should be sufficient.

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