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**From:** Staron, Richard  
**Sent:** Wednesday, February 26, 2020 3:40 PM  
**To:** Bryan, Nick  
**Cc:** Hohenstein, John; Gerlach, William J; Yordy, Karyn  
**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.
- 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.

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

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