Alternative Analysis Table Wetland Resources

Bucks County

Wetland ID and Crossing Number ¹	State Wetland Classification ²	Cowardin Classification ³	Milepost⁴	Latitude	Longitude	Primary Pipeline Crossing Method ⁵	Secondary Pipeline Crossing Method ⁵	Tertiary Pipeline Crossing Method ⁵	Geology Constraints	Topography Constraints	Insufficient Workspace to Stage Trenchless	Practicality	Other (See Justification)	Implementing Trenchless Technology	Routing to Minimize	Crossing at Narrowest Location	Co-Locating	Reducing LOD	Minimizing Construction Duration	Adhering to Construction Timing Windows	Implementing BMPs	Justification
110714_JC_001_PFO	Other	PFO1	77.5	40.584304	-75.196829	CL - HDD	-					х	х	х							х	Crossing via Delaware River HDD to minimize impacts to wetland complex.

(as) Located and an along the Broodplain of the reach or tributanies of a wild trout stream or waters issted as exceptional value;
(as) Located and an anothing bulbs or private drinking water supply.

3. Wetland Cover 'Pyper based on Cowardin, 1979

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4. Wetland Cover 'Pyper based on Cowardin, 1979

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- Crossing Type Key for Wetlands:
 CL-Bore = Pipeline centerline crosses under wetland. Construction method is bore.
 CL-HDD = Pipeline centerline crosses under wetland. Construction method is HDD.
- CL-Open Cut = Pipeline centerline impacts wetland. Construction method is open cut.
 Matted = Wetland will be matted for temporary equipment crossing.

- N/A = Not affected by pipeline construction.
 N/A-Workspace = Pipeline trench does not impact wetland.