## Alternatives Analysis Table Riverine Resources

## **Bucks County**

Watercourse ID and Crossing Number <sup>1</sup>	Watercourse Name	Milepost <sup>2</sup>	Latitude	Longitude	Primary Pipeline Crossing Method <sup>3</sup>	Secondary Pipeline Crossing Method <sup>3</sup>	Tertiary Pipeline Crossing Method <sup>3</sup>	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
051515_JC_1004_E_MI	UNT to Delaware River	76.2	40.596724	-75.21127	DPX	FX	DX-NF				х	x			х		х	х		х	Timing to cross justifies open cut. Workspace reduced to 75' in stream and floodway. Estimated crossing timeframe is 24 hours.
052915_JC_1002_C_IN	Delaware Canal	77.6	40.584126	-75.1949	HDD	HDD	HDD				Х	Х	X							Х	Trenchlessly crossed by Delaware River HDD.
122315_DB_1001_P_MA	Delaware River	77.6	40.584071	-75.194299	HDD	HDD	HDD				Х	Х	X							Х	Trenchlessly crossed by Delaware River HDD.

12235\_DB\_1001\_P\_MA Delaware River 77.6 40.584071 75.194299 10.00

Note:
1.00

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1.00