

Alternative Analysis Table  
 Lacustrine Resources  
 Carbon County

Lacustrine Resource ID and Crossing Number <sup>1</sup>	Watercourses/Lake 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 Avoid/Minimize (a/m)	Crossing at Narrowest Location	Co-Locating	Reducing LOD (a/m)	Minimizing Construction Duration	Adhering to Construction Timing Windows	Implementing BMPs	Justification
052215_JC_1001_LAKE_MA (1)	Wild Creek/Beltzville Lake	43.5R3	40.886557	-75.561410	HDD	HDD	HDD					X	X							X	Trenchlessly crossed as part of Pohopoco HDD.
052215_JC_1001_LAKE_MA (2)	Pohopoco Creek/Beltzville Lake	44R3	40.883046	-75.553986	HDD	HDD	HDD					X	X							X	Trenchlessly crossed as part of Pohopoco HDD.

Notes:

1. In instances where a watercourse is crossed by the proposed pipeline or workspace multiple times, crossing numbers (e.g. "-1", "-2") have been added to the Watercourse ID.

Watercourse ID Key: P = perennial, I = intermittent, E = ephemeral, MA = major, IN = intermediate, MI = minor, C = canal, D = ditch

2. All route deviations implemented after the FERC Certificate Application are denoted with an "R" and indicate a MP equation. MPs with an "R1" indicate route deviations implemented and provided to FERC prior to the issuance of the DEIS. MPs with an "R2" indicate route deviations implemented as part of the September 2016 Route Update. MPs with an "R3" indicate route deviations implemented post-FERC Certificate issuance. All MPs without an "R" indicate that the route has not changed since the Certificate Application.

3. Crossing Type Key for Watercourse Channels:

- DPX = Dam-and-Pump Crossing
- HDD = HDD Crossing