



**Appendix BU-L-3A**

**Subfacility Tables - Wetland Resources in Bucks County**

Milepost <sup>1</sup>	Wetland ID <sup>2</sup>	Subfacility Code <sup>3</sup>	Latitude	Longitude	County <sup>4</sup>	Municipality <sup>4</sup>	Permanent Direct (acres) <sup>5</sup>	Temporary Direct (acres) <sup>5</sup>	Permanent Indirect (acres) <sup>5</sup>	Temporary Indirect (acres) <sup>5</sup>	Cowardin Classification <sup>6</sup>	Wetland Type <sup>7</sup>	Reforestation Planting Area	Pipe Length <sup>8</sup>
<b>PennEast Mainline</b>														
77.5	110714_JC_001_PFO	PIPE, WTIIM	40.584304	-75.196829	Bucks	Durham Twp	-	-	0.00	-	PFO1	Other	-	65
<b>Access Roads</b>														
None														

**Notes:**

1. 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.
2. Wetland ID Key: PEM = palustrine emergent, PFO = palustrine forested, PSS = palustrine scrub shrub
3. Subfacility Code Key: PIPE = used for pipeline constructed for the transportation of natural gas, TMPWI = temporary wetland impact, WETRE = wetland restoration, WTDIM = wetland direct impact, WTIIM = wetland indirect impact.
4. Sources: PennDOT Pennsylvania municipality boundaries, dated 1/2017 and PennDOT Pennsylvania county boundaries, dated 7/2018. Available at [www.pasda.psu.edu](http://www.pasda.psu.edu).
5. A value of 0.00 denotes impact acreages less than 0.005 acres. A "-" denotes no impacts to the wetland.
6. Cowardin Classification Key: PEM1 = palustrine emergent, persistent vegetation; PEM2 = palustrine emergent non-persistent vegetation; PSS1 = palustrine scrub-shrub, broad-leaved deciduous; PSS3 = palustrine scrub-shrub, broad-leaved evergreen; PFO1 = palustrine forested, broad-leaved deciduous; PFO4 = palustrine forested, needle-leaved evergreen
7. Resource Value Definitions: Pennsylvania Exceptional Value Wetland as defined by PA Code §105.17 (relating to special criteria for projects affecting important wetlands). Criteria are:
  - (i) Serves as habitat for fauna or flora listed as "threatened" or "endangered"
  - (ii) Is hydrologically connected to or located within a 1/2-mile from habitat for fauna or flora listed as "threatened" or "endangered" and wetland dependent;
  - (iii) Located in or along the floodplain of the reach or tributaries of a wild trout stream or waters listed as exceptional value;
  - (iv) Located along an existing public or private drinking water supply.
8. Pipe lengths are measured as the wetland crossing length along the pipeline. A "-" denotes that the pipeline does not cross the wetland.



**Subfacility Tables - Riverine Resources in Bucks County**

Milepost <sup>1</sup>	Watercourse ID <sup>2</sup>	Subfacility Code <sup>3</sup>	Latitude	Longitude	County <sup>4</sup>	Municipality <sup>4</sup>	Permanent Direct (acres) <sup>5</sup>	Temporary Direct (acres) <sup>5</sup>	Permanent Indirect (acres) <sup>5</sup>	Temporary Indirect (acres) <sup>5</sup>	Pipe Length <sup>6</sup>
<b>PennEast Mainline</b>											
76.2	051515_JC_1004_E_MI	FLACT, PIPE	40.596724	-75.211270	Bucks	Durham Twp	-	0.06	0.20	0.11	8
77.6	052915_JC_1002_C_IN	PIPE	40.584126	-75.194900	Bucks	Durham Twp	-	-	0.00	-	48
77.6	122315_DB_1001_P_MA	PIPE	40.584071	-75.194299	Bucks	Durham Twp	-	-	0.00	-	270
<b>Access Roads</b>											
None											

Notes:

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- Watercourse ID: P = perennial, I = intermittent, E = ephemeral, MA = major, IN = intermediate, MI = minor, C = canal, D = ditch
- Subfacility Code Key: PIPE = used for pipeline constructed for the transportation of natural gas, FLACT = floodway activity
- Sources: PennDOT Pennsylvania municipality boundaries, dated 1/2017 and PennDOT Pennsylvania county boundaries, dated 7/2018. Available at [www.pasda.psu.edu](http://www.pasda.psu.edu).
- A value of 0.00 denotes impact acreages less than 0.005 acres. A "--" denotes no impacts to the riverine resource.
- Pipe lengths are measured as the watercourse channel crossing length along the pipeline. A "--" denotes that the pipeline does not cross the watercourse channel.



**Subfacility Tables - Lacustrine Resources in Bucks County**

Milepost <sup>1</sup>	Watercourse ID <sup>2</sup>	Subfacility Code <sup>3</sup>	Latitude	Longitude	County <sup>4</sup>	Municipality <sup>4</sup>	Permanent Direct (acres) <sup>5</sup>	Temporary Direct (acres) <sup>5</sup>	Permanent Indirect (acres) <sup>5</sup>	Temporary Indirect (acres) <sup>5</sup>	Pipe Length <sup>6</sup>
<b>None</b>											

1. 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.
2. Watercourse ID: P = perennial, I = intermittent, E = ephemeral, MA = major, IN = intermediate, MI = minor, C = canal, D = ditch
3. Subfacility Code Key: PIPE = used for pipeline constructed for the transportation of natural gas, FLACT = floodway activity
4. Sources: PennDOT Pennsylvania municipality boundaries, dated 1/2017 and PennDOT Pennsylvania county boundaries, dated 7/2018. Available at [www.pasda.psu.edu](http://www.pasda.psu.edu).
5. A value of 0.00 denotes impact acreages less than 0.005 acres. A "--" denotes no impacts to the riverine resource.
6. Pipe lengths are measured as the watercourse channel crossing length along the pipeline. A "--" denotes that the pipeline does not cross the watercourse channel.