



### Appendix CA-L-3A

#### Subfacility Tables - Wetland Resources in Carbon 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>														
24.2	110614_JC_004_PFO - 1	PIPE, TMPWI, WTIIM	41.115643	-75.678725	Carbon	Kidder Twp	-	0.07	0.01	0.07	PFO1	Other	-	-
24.3	110614_JC_004_PFO - 2	TMPWI	41.114476	-75.677936	Carbon	Kidder Twp	-	0.02	-	0.02	PFO1	Other	-	-
24.5	110614_JC_002B_PFO	TMPWI	41.111399	-75.675920	Carbon	Kidder Twp	-	0.01	-	0.01	PFO1	Other	0.01	-
26.4	102114_JC_001B_PFO	PIPE, TMPWI, WTIIM, WETRE	41.086119	-75.662258	Carbon	Kidder Twp	-	0.01	0.03	0.01	PFO1	Exceptional (i, iii)	0.01	26
26.7	102114_JC_001A_PSS - 1	PIPE, TMPWI, WTIIM	41.081862	-75.659884	Carbon	Kidder Twp	-	0.07	0.00	0.01	PSS1	Exceptional (i, iii)	-	-
26.9R2	102114_JC_001A_PSS - 3	PIPE, TMPWI, WTIIM	41.081509	-75.659634	Carbon	Kidder Twp	-	0.02	0.00	0.01	PSS1	Exceptional (i, iii)	-	-
26.4	102114_JC_001_PEM - 1	PIPE, TMPWI, WTIIM	41.086005	-75.662304	Carbon	Kidder Twp	-	0.03	0.01	0.01	PEM1	Exceptional (i, iii)	-	-
26.5	102114_JC_001_PEM - 2	PIPE, TMPWI, WTIIM	41.085284	-75.661901	Carbon	Kidder Twp	-	0.04	0.21	0.10	PEM1	Exceptional (i, iii)	-	-
26.7	102114_JC_001_PEM - 3	PIPE, TMPWI, WTIIM	41.081699	-75.659664	Carbon	Kidder Twp	-	0.01	0.13	0.03	PEM1	Exceptional (i, iii)	-	23
27R2	102314_JC_004_PEM	PIPE, WTIIM	41.080732	-75.658596	Carbon	Kidder Twp	-	-	0.01	-	PEM1	Exceptional (ii, iii)	-	187
27.1R2	102314_JC_002_PFO - 1	PIPE, WTIIM	41.079456	-75.657718	Carbon	Kidder Twp	-	-	0.00	-	PFO1	Exceptional (i, iii)	-	8
27.1R2	102314_JC_002_PFO - 2	PIPE, WTIIM	41.079359	-75.657651	Carbon	Kidder Twp	-	-	0.00	-	PFO1	Exceptional (i, iii)	-	66
27.1R2	102314_JC_002_PSS	PIPE, WTIIM	41.078919	-75.657349	Carbon	Kidder Twp	-	-	0.10	-	PSS3	Exceptional (i, iii)	-	1431
29.6R2	042415_JC_1005_PEM	PIPE, TMPWI, WTIIM	41.051670	-75.629090	Carbon	Kidder Twp	-	0.39	0.00	0.11	PEM1	Other	-	-
29.6R2	050115_JC_1001_PFO	PIPE, TMPWI, WTIIM, WETRE	41.053412	-75.629399	Carbon	Kidder Twp	-	0.31	0.52	0.80	PFO4	Other	0.80	840
30.4R2	042415_JC_1003_PSS	PIPE, TMPWI, WTIIM, WETRE	41.042392	-75.627013	Carbon	Kidder Twp	-	0.03	0.05	0.01	PSS3	Other	0.01	92
31.1R2	042415_JC_1002_PEM	PIPE, TMPWI, WTIIM	41.031110	-75.624712	Carbon	Kidder Twp	-	0.52	0.15	0.15	PEM1	Exceptional (iii)	-	-
31R2	042415_JC_1001_PFO	PIPE, TMPWI, WTIIM	41.033405	-75.625141	Carbon	Kidder Twp	-	0.62	0.99	1.50	PFO4	Exceptional (iii)	1.50	1677
32.6R3	110316_GM_1001_PFO	PIPE, TMPWI, WTIIM, WETRE	41.011968	-75.616020	Carbon	Kidder Twp	-	0.00	0.03	0.01	PFO4	Exceptional (iii)	0.03	7
32.5R2	110316_GM_1001_PEM - 1	PIPE, TMPWI, WTIIM	41.011952	-75.616033	Carbon	Kidder Twp	-	0.02	0.06	0.02	PEM1	Exceptional (iii)	-	56
32.7R3	110316_GM_1001_PEM - 2	PIPE, WTIIM	41.009635	-75.615419	Carbon	Kidder Twp	-	0.06	0.00	-	PEM1	Exceptional (iii)	-	-



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>
32.8R3	110316_GM_1001_PEM - 3	PIPE, TMPWI, WTIIIM	41.008848	-75.615244	Carbon	Kidder Twp	-	0.00	0.06	0.00	PEM1	Exceptional (iii)	-	8
33.6R3	042115_JC_1003_PFO	PIPE, TMPWI, WTIIIM, WETRE	40.996553	-75.611518	Carbon	Penn Forest Twp	-	0.12	0.01	0.26	PFO1	Exceptional (iii)	0.26	-
34.7R2	042315_JC_1002_PEM	PIPE, TMPWI, WTIIIM	40.983453	-75.619842	Carbon	Penn Forest Twp	-	0.24	0.06	0.07	PEM1	Exceptional (i, iii)	-	-
34.7R2	042315_JC_1001_PFO - 1	PIPE, TMPWI, WTIIIM, WETRE	40.984455	-75.619152	Carbon	Penn Forest Twp	-	0.36	1.03	0.44	PFO4	Exceptional (i, iii)	-	967
34.8R3	042315_JC_1001_PFO - 2	PIPE, TMPWI, WTIIIM, WETRE	40.981068	-75.621210	Carbon	Penn Forest Twp	-	0.01	0.04	0.05	PFO4	Exceptional (i, iii)	-	24
35.4	042315_JC_1004_PFO	PIPE, TMPWI, WTIIIM, WETRE	40.972313	-75.626340	Carbon	Penn Forest Twp	-	0.03	0.03	0.01	PFO4	Other	0.03	-
35.5	010716_GM_1001_VP	PIPE, WTIIIM	40.970058	-75.627400	Carbon	Penn Forest Twp	-	0.02	0.01	-	PEM2	Other	-	-
35.9	060117_MB_1001_PFO - 1	PIPE, TMPWI, WTIIIM, WETRE	40.964352	-75.629117	Carbon	Penn Forest Twp	-	0.04	0.02	0.04	PFO1	Exceptional (ii,iii)	-	-
36	060117_MB_1001_PFO - 2	PIPE, TMPWI, WTIIIM, WETRE	40.964075	-75.629276	Carbon	Penn Forest Twp	-	0.10	0.30	0.16	PFO1	Exceptional (ii,iii)	-	267
36	060117_MB_1001_PEM	PIPE, TMPWI, WTIIIM	40.963439	-75.629484	Carbon	Penn Forest Twp	-	0.07	0.00	0.01	PEM1	Exceptional (ii,iii)	-	-
36.1	060217_MB_1001_PEM	PIPE, TMPWI, WTIIIM	40.961855	-75.629758	Carbon	Penn Forest Twp	-	0.03	0.00	0.01	PEM1	Exceptional (ii,iii)	-	-
36.1	060217_MB_1001_PFO	PIPE, TMPWI, WTIIIM, WETRE	40.962413	-75.629560	Carbon	Penn Forest Twp	-	0.08	0.26	0.13	PFO1	Exceptional (ii,iii)	0.23	228
36.5R3	050615_JC_1001_PFO - 1	PIPE, TMPWI, WTIIIM, WETRE	40.955991	-75.630704	Carbon	Penn Forest Twp	-	0.01	0.02	0.06	PFO1	Exceptional (i, ii, iii)	-	36
36.6R3	050615_JC_1001_PFO - 2	PIPE, TMPWI, WTIIIM, WETRE	40.955700	-75.630753	Carbon	Penn Forest Twp	-	0.40	0.75	1.08	PFO1	Exceptional (i, ii, iii)	-	1087
37.1R3	061615_DB_1002_PFO	PIPE, TMPWI, WTIIIM, WETRE	40.947776	-75.632411	Carbon	Penn Forest Twp	-	0.13	0.39	0.19	PFO1	Exceptional (iii)	0.35	341
37.5	061615_DB_1001_PEM	PIPE, TMPWI, WTIIIM	40.943342	-75.634640	Carbon	Penn Forest Twp	-	0.02	0.00	0.01	PEM1	Exceptional (iii)	-	-
41.2	020117_GM_1006_PFO	PIPE, TMPWI, WTIIIM, WETRE	40.903032	-75.599681	Carbon	Penn Forest Twp	-	0.03	0.09	0.03	PFO1	Exceptional (iii)	0.07	70
41.5	020117_GM_1001_PUB	PIPE, TMPWI, WTIIIM	40.901988	-75.594120	Carbon	Towamensing Twp	-	0.02	0.05	0.03	PEM2	Other	-	41
44.8R2	041018_WA_002_PSS	PIPE, TMPWI, WTIIIM, WETRE	40.874330	-75.544486	Carbon	Towamensing Twp	-	0.00	0.01	0.00	PSS1	Exceptional (iii)	0.01	7
45R2	052915_JC_1001_PEM	PIPE, TMPWI, WTIIIM	40.872167	-75.541762	Carbon	Towamensing Twp	-	0.01	0.04	0.02	PEM1	Exceptional (iii)	-	30
45.6	051115_JC_1001_PEM	PIPE, TMPWI, WTIIIM	40.865673	-75.538076	Carbon	Towamensing Twp	-	0.02	0.06	0.01	PEM1	Exceptional (iii)	-	53



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>
48.1	090914_WA_001_PSS	PIPE, TMPWI, WTIIM, WETRE	40.837834	-75.509004	Carbon	Lower Towamensing Twp	-	0.02	0.05	0.01	PSS1	Exceptional (iii)	0.02	53
48.1	090914_WA_002_PSS	PIPE, TMPWI, WTIIM, WETRE	40.837151	-75.508766	Carbon	Lower Towamensing Twp	-	0.01	0.02	0.00	PSS1	Exceptional (iii)	0.01	21
49.3R3	041117_GM_1001_PFO	PIPE, WTIIM	40.824437	-75.499273	Carbon	Lower Towamensing Twp	-	-	0.01	-	PFO4	Exceptional (i, iii)	-	153
49.3R3	041117_GM_1001_PSS	PIPE, WTIIM	40.824278	-75.499222	Carbon	Lower Towamensing Twp	-	-	0.01	-	PSS1	Exceptional (i, iii)	-	116
50.6R3	072618_WA_001_PEM	PIPE, TMPWI, WTIIM	40.821738	-75.479226	Carbon	Lower Towamensing Twp	-	0.02	0.08	0.05	PEM1	Exceptional (iii)	-	61
50.6R4	072618_WA_002_PEM	PIPE, TMPWI, WTIIM	40.821624	-75.479458	Carbon	Lower Towamensing Twp	-	0.01	0.00	0.00	PEM2	Exceptional (iii)	-	-
<b>Blue Mountain Lateral</b>													-	
None													-	
<b>Kidder Compressor Station</b>														
26.8R2	102114_JC_001A_PSS - 2	PIPE, WTIIM	41.081632	-75.659831	Carbon	Kidder Twp	-	0.04	0.07	-	PSS1	Exceptional (i, iii)	-	-
26.8R2	102114_JC_001_PEM - 4	PIPE, WTIIM	41.081670	-75.659739	Carbon	Kidder Twp	-	0.00	0.01	-	PEM1	Exceptional (i, iii)	-	2
26.8R2	102114_JC_001_PFO	PIPE, WTIIM	41.081424	-75.660624	Carbon	Kidder Twp	-	0.04	0.08	-	PFO1	Exceptional (i, iii)	0.08	-
26.7	082515_BT_003_PEM	WTDIM	41.081894	-75.663131	Carbon	Kidder Twp	0.01	-	-	-	PEM1	Other	-	-
26.6	112414_JC_004_PFO - 1	PIPE, WTIIM	41.081747	-75.664910	Carbon	Kidder Twp	-	-	0.01	-	PFO1	Other	-	-
26.7	112414_JC_004_PFO - 2	PIPE	41.081012	-75.663856	Carbon	Kidder Twp	-	-	0.98	-	PFO1	Other	-	-
26.6	082515_BT_004_PEM	WTDIM	41.081964	-75.665921	Carbon	Kidder Twp	0.00	-	-	-	PEM1	Other	-	-
<b>Access Roads</b>													-	
None													-	

Notes:

- 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.
- Wetland ID Key: PEM = palustrine emergent, PFO = palustrine forested, PSS = palustrine scrub shrub
- 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.
- 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 wetland.
- 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
- 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:
  - Serves as habitat for fauna or flora listed as "threatened" or "endangered"
  - 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;
  - Located in or along the floodplain of the reach or tributaries of a wild trout stream or waters listed as exceptional value;
  - Located along an existing public or private drinking water supply.
- 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 Carbon 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>											
24.5	110415_GM_1001_I_MI	FLACT, PIPE	41.111271	-75.675842	Carbon	Kidder Twp	-	0.03	0.00	0.03	0
26.5	102114_JC_1003_E_MI	FLACT, PIPE	41.085393	-75.661818	Carbon	Kidder Twp	-	0.04	0.01	0.04	0
26.6	102114_JC_1001_P_MI	FLACT, PIPE	41.083979	-75.661245	Carbon	Kidder Twp	-	0.04	0.13	0.07	7
30.4R2	042415_JC_1006_E_MI - 1	FLACT, PIPE	41.041447	-75.626875	Carbon	Kidder Twp	-	0.99	0.59	0.40	-
31.2R2	042415_JC_1004_P_MI	FLACT, PIPE	41.030532	-75.624535	Carbon	Kidder Twp	-	0.01	0.02	0.09	-
31.2R2	042415_JC_1002_P_IN - 1	FLACT, PIPE	41.030393	-75.624569	Carbon	Kidder Twp	-	0.09	0.17	0.16	-
31.2R2	042415_JC_1003_I_MI	FLACT, PIPE	41.031048	-75.624644	Carbon	Kidder Twp	-	0.12	0.10	0.03	-
32.7R3	110316_GM_1001_I_MI	FLACT, PIPE	41.009773	-75.615496	Carbon	Bethlehem Twp	-	0.01	0.01	0.00	-
32.9R3	110316_GM_1004_I_MI	FLACT, PIPE	41.007813	-75.614905	Carbon	Kidder Twp	-	0.04	0.08	0.17	-
32.8R3	110316_GM_1003_I_MI	FLACT, PIPE	41.009027	-75.615306	Carbon	Kidder Twp	-	0.06	0.24	0.15	-
33.2R3	042115_JC_1001_P_IN	FLACT, PIPE	41.002810	-75.613321	Carbon	Kidder Twp	-	0.02	0.04	0.06	-
33.2R3	042115_JC_1002_P_MI	FLACT, PIPE	41.002554	-75.613245	Carbon	Kidder Twp	-	0.02	0.05	0.06	-
33.4R3	042115_JC_1003_E_MI	FLACT, PIPE	41.000294	-75.612356	Carbon	Kidder Twp	-	0.16	0.06	0.01	-
33.4R3	042115_JC_1004_I_MI	FLACT, PIPE	40.999391	-75.612116	Carbon	Kidder Twp	-	0.25	0.44	0.31	-
33.5R3	042115_JC_1005_E_MI	FLACT	40.998924	-75.611895	Carbon	Kidder Twp	-	0.06	-	0.04	-
33.7R3	042115_JC_1006_I_MI	FLACT	40.996142	-75.611697	Carbon	Penn Forest Twp	-	0.00	-	0.00	-
34.7R2	042315_JC_1001_I_MI	FLACT, PIPE	40.983155	-75.620034	Carbon	Penn Forest Twp	-	0.22	0.58	0.07	-
34.7R2	042315_JC_1002_P_MI	FLACT, PIPE	40.982071	-75.620589	Carbon	Penn Forest Twp	-	0.05	0.15	0.07	-
34.8R3	042315_JC_1003_P_IN	FLACT, PIPE	40.981007	-75.621247	Carbon	Penn Forest Twp	-	0.03	0.10	0.06	-
34.8R3	042315_JC_1003_I_IN	FLACT, PIPE	40.980784	-75.621503	Carbon	Penn Forest Twp	-	0.41	0.36	0.05	-
36.5R3	050615_JC_1002_I_MI	FLACT, PIPE	40.955982	-75.630706	Carbon	Penn Forest Twp	-	0.09	0.06	0.03	-
36.6R3	010816_DB_1001_I_MI	FLACT, PIPE	40.955730	-75.630748	Carbon	Penn Forest Twp	-	1.04	0.76	0.28	-
36.1	060117_MB_1001_P_MI	FLACT, PIPE	40.962480	-75.629549	Carbon	Penn Forest Twp	-	0.06	0.17	0.07	-
37.5	061615_DB_1001_I_MI	FLACT, PIPE	40.943444	-75.634616	Carbon	Penn Forest Twp	-	0.04	0.14	0.07	-
38.3	061615_DB_1002_P_IN	FLACT, PIPE	40.931373	-75.634393	Carbon	Penn Forest Twp	-	0.04	0.12	0.06	-
41	040517_BT_1001_E_MI	FLACT, PIPE	40.903157	-75.602164	Carbon	Penn Forest Twp	-	0.04	0.11	0.02	-



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>
41.1	091516_GM_1002_E_MI	FLACT, PIPE	40.903093	-75.600885	Carbon	Penn Forest Twp	-	0.04	0.12	0.06	-
41.2	012717_GM_1002_P_MI	FLACT, PIPE	40.903032	-75.599669	Carbon	Penn Forest Twp	-	0.04	0.13	0.06	-
41.2	012717_GM_1003_P_MI	FLACT, PIPE	40.902948	-75.597997	Carbon	Penn Forest Twp	-	0.05	0.17	0.08	-
41.3	020117_GM_1002_P_MI	FLACT, PIPE	40.902886	-75.596767	Carbon	Towamensing Twp	-	0.05	0.16	0.07	-
41.6	020117_GM_1001_P_MI	FLACT, PIPE	40.900797	-75.592305	Carbon	Towamensing Twp	-	0.04	0.12	0.06	-
44.2R3	061715_DB_1001_I_MI	PIPE	40.881022	-75.549557	Carbon	Towamensing Twp	-	-	0.01	-	-
44.3R3	122215_DB_1001_P_MI	PIPE	40.880764	-75.549161	Carbon	Towamensing Twp	-	-	0.01	-	-
44.8R2	041018_WA_1000_P_MI	FLACT, PIPE	40.874316	-75.544467	Carbon	Towamensing Twp	-	0.04	0.13	0.01	-
45R2	051115_JC_1002_P_MI	FLACT, PIPE	40.872086	-75.541740	Carbon	Towamensing Twp	-	0.04	0.12	0.07	-
45.6	051115_JC_1001_P_MI	FLACT, PIPE	40.865571	-75.537937	Carbon	Towamensing Twp	-	0.06	0.18	0.08	-
46.1	041018_WA_1002_I_MI	FLACT, PIPE	40.860574	-75.529517	Carbon	Moore Twp	-	0.04	0.02	0.02	-
46.3	041018_WA_1003_I_MI	FLACT, PIPE	40.858313	-75.526976	Carbon	Towamensing Twp	-	0.04	0.11	0.01	-
48.1	090914_WA_1000_P_IM	FLACT, PIPE	40.837393	-75.508850	Carbon	Lower Towamensing Twp	-	0.04	0.12	0.07	-
49.3R3	041217_GM_1001_P_IN	PIPE	40.824367	-75.499251	Carbon	Lower Towamensing Twp	-	-	0.01	-	-
50.6R3	072618_WA_1010_I_MI	FLACT, PIPE	40.821613	-75.479982	Carbon	Lower Towamensing Twp	-	0.02	0.04	0.01	-
50.6R3	072618_WA_1009_I_MI	FLACT, PIPE	40.821649	-75.479762	Carbon	Lower Towamensing Twp	-	0.02	0.04	0.01	-
50.6R3	072618_WA_1007_I_MI	FLACT, PIPE	40.821693	-75.479500	Carbon	Lower Towamensing Twp	-	0.04	0.13	0.07	-
50.6R3	072618_WA_1008_I_MI	FLACT, PIPE	40.821572	-75.480231	Carbon	Lower Towamensing Twp	-	0.12	0.07	0.05	-
50.7R3	072618_WA_1005_I_MI	FLACT, PIPE	40.821935	-75.478779	Carbon	Lower Towamensing Twp	-	0.07	0.04	0.04	-
50.7R3	072618_WA_1004_I_MI	FLACT, PIPE	40.821837	-75.478641	Carbon	Lower Towamensing Twp	-	0.02	0.07	0.01	-
50.7R3	072618_WA_1003_I_MI	PIPE	40.821815	-75.478545	Carbon	Lower Towamensing Twp	0.00	-	-	-	-
50.7R3	072618_WA_1001_P_MI	FLACT, PIPE	40.821894	-75.478306	Carbon	Lower Towamensing Twp	-	0.04	0.12	0.06	-
50.7R3	072618_WA_1002_I_MI	FLACT, PIPE	40.821927	-75.478108	Carbon	Lower Towamensing Twp	-	0.01	0.01	0.00	-
50.7R3	072618_WA_1006_I_MI	FLACT, PIPE	40.822020	-75.478019	Carbon	Williams Twp	-	0.04	0.02	0.03	-
<b>Blue Mountain Lateral</b>											
0.5R3	041017_GM_1001_P_IN	FLACT, PIPE	40.818068	-75.504663	Carbon	Lower Towamensing Twp	-	0.24	0.12	0.10	-
0.5R3	041017_GM_1001_P_MI	PIPE	40.818012	-75.504750	Carbon	Lower Towamensing Twp	0.00	-	-	-	-



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>
0.51R3	041117_GM_1002_E_MI	FLACT, PIPE	40.817938	-75.504833	Carbon	Lower Towamensing Twp	-	0.02	0.03	0.01	5
<b>Kidder Compressor Station</b>											
26.6	082515_BT_1001_P_IM	CULV, FLACT, PIPE	41.081999	-75.667750	Carbon	Kidder Twp	0.03	-	-	-	-
<b>Access Roads</b>											
24.4	063017_GM_1001_I_MI	FLACT	41.108740	-75.686191	Carbon	Kidder Twp	-	0.08	-	0.08	-
25.1	012617_GM_1002_P_MI	FLACT	41.099329	-75.683215	Carbon	Kidder Twp	0.12	-	-	-	-

**Notes:**

- 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.
- 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 Carbon 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>											
23	052115_JC_1001_P_MA	FLACT, PIPE	41.131387	-75.6882347	Luzerne <sup>7</sup>	Bear Creek Twp	-	-	. <sup>7</sup>	. <sup>7</sup>	. <sup>7</sup>
43.5R3	052215_JC_1001_LAKE_MA (1)	PIPE	40.8865566	-75.56140964	Carbon	Towamensing Twp	-	-	0.01	-	169
44R3	052215_JC_1001_LAKE_MA (2)	PIPE	40.8830461	-75.55398626	Carbon	Towamensing Twp	-	-	0.01	-	388

**Notes:**

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- Watercourse ID: P = perennial, I = intermittent, E = ephemeral, MA = major, IN = intermediate, MI = minor, C = canal, D = ditch
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- 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.
- Watercourse is located in both Luzerne and Carbon counties. Impacts are included in Appendix LU-L-3A for Luzerne County to prevent double counting impacts.