

Wetlands Subfacility Table

Name/Appendix: Appendix LU-L3A - Subfacility Tables - Wetland Resources in Luzerne County  
 County: Luzerne

Date: 10/9/2019

MP <sup>1</sup>	Wetland ID <sup>2</sup>	Cowardin Code <sup>3</sup>	105.17 Classification <sup>4</sup>	Latitude	Longitude	County <sup>5</sup>	Municipality <sup>5</sup>	Subfacility Code: PIPE <sup>6</sup>									Subfacility Code: WDTIM <sup>6</sup>	Subfacility Code: TMPWI <sup>6</sup>
								Type	Product Code	Diameter (feet)	Depth of Cover	Line Encased	Shut-off Controls	Attached to Water Obstruction	ROW Width	Pipe length (linear feet)	Impacted Area (acres) <sup>7</sup>	Temporary Wetland Impact (acres) <sup>7</sup>
PennEast Mainline Pipeline																		
OR1	050715_JC_1001_PSS	PSS1	Exceptional (iii)	41.34651213	-75.94495768	Luzerne	Dallas	TRNC	PETRO	3	5	No	Yes	No	30	560	-	0.89
0.1	050715_JC_1001b_PEM	PEM1	Exceptional (iii)	41.3459113	-75.94387815	Luzerne	Dallas	-	-	-	-	-	-	-	-	-	-	0.001
0.1	050715_JC_1001a_PEM	PEM1	Exceptional (iii)	41.34617205	-75.94439098	Luzerne	Dallas	TRNC	PETRO	3	5	No	Yes	No	8	29	-	0.023
1.4	032818_WA_001_PFO	PFO4	Exceptional (iii)	41.34159844	-75.9224387	Luzerne	Kingston	TRNC	PETRO	3	5	No	Yes	No	30	42	-	0.089
2.1	050416_DB_1001_PFO	PFO1	Other	41.33779767	-75.91067309	Luzerne	Kingston	TRNC	PETRO	3	5	No	Yes	No	30	49	-	0.089
3.1	011815_JC_002_PFO	PFO1	Exceptional (iii)	41.32587978	-75.89950269	Luzerne	Kingston	TRNC	PETRO	3	5	No	Yes	No	29	148	-	0.241
6	092314_GO_001_PSS	PSS1	Other	41.30818954	-75.85397177	Luzerne	West Wyoming	TRNC	PETRO	3	5	No	Yes	No	23	8	-	0.013
6.6R2	110915_WA_003_PEM	PEM1	Other	41.30429381	-75.84428367	Luzerne	Wyoming	TRNC	PETRO	3	5	No	Yes	No	1	2	-	0.01
12.1R3	072219_MU_1000_PEM - 1	PEM1	Other	41.256207	-75.782337	Luzerne	Plains	TRNC	PETRO	3	5	No	Yes	No	13	274	-	0.032
12.1R3	072219_MU_1000_PEM - 2	PEM1	Other	41.255463	-75.78177	Luzerne	Plains	TRNC	PETRO	3	5	No	Yes	No	13	97	-	0.045
12.1R3	072219_MU_1000_PEM - 3	PEM1	Other	41.255126	-75.781507	Luzerne	Plains	TRNC	PETRO	3	5	No	Yes	No	15	66	-	0.123
12.2R3	072219_MU_1001_PFO	PFO1	Exceptional (iii)	41.254714	-75.780757	Luzerne	Plains	-	-	-	-	-	-	-	-	-	-	0.086
12.2R3	072219_MU_1002_PEM	PEM1	Other	41.254615	-75.781	Luzerne	Plains	TRNC	PETRO	3	5	No	Yes	No	16	72	-	0.02
13.2	060618_WA_002_PEM	PEM1	Other	41.24868216	-75.77094744	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	23	20	-	0.193
13.7	121814_JC_001_PEM	PEM1	Other	41.24278998	-75.76569688	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	0.015
14.1	111014_JC_002_PFO	PFO1	Exceptional (iii)	41.23880367	-75.76069794	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	5	37	-	0.044
14.7	042417_GM_1001_PFO	PFO1	Exceptional (iii)	41.23220537	-75.75255889	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	30	31	-	0.043
15	043015_JC_1001_PFO	PFO1	Exceptional (iii)	41.22965521	-75.74936543	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	30	34	-	0.056
15	043015_JC_1001_PEM - 1	PEM1	Exceptional (iii)	41.22980041	-75.74968776	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	0.001
15	043015_JC_1001_PEM - 2	PEM1	Exceptional (iii)	41.22963009	-75.7494735	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	0.008
16	112114_JC_003B_PFO - 1	PFO1	Other	41.21877212	-75.7358315	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	30	646	-	1.058
16.1	112114_JC_003B_PFO - 2	PFO1	Other	41.21736637	-75.73387003	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	0.003
16.2	112114_JC_003B_PFO - 3	PFO1	Other	41.21730582	-75.73378595	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	0.004
16.2	112114_JC_003B_PSS - 1	PSS1	Other	41.21736107	-75.73358547	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	28	27	-	0.012
16.2	112114_JC_003A_PSS - 1	PSS1	Other	41.21722685	-75.73337083	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	30	150	-	0.264
16.4	112114_JC_002_PSS	PSS1	Other	41.21545517	-75.7305689	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	30	71	-	0.148
16.4	112114_JC_002_PEM	PEM1	Other	41.21537282	-75.73033393	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	0.002
16.8	112014_JC_002_PFO	PFO4	Other	41.21121437	-75.72383138	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	30	253	-	0.333
16.8	112014_JC_002_PEM	PEM1	Other	41.21096052	-75.72333859	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	10	278	-	0.058
17.7	112014_JC_001_PFO	PFO1	Exceptional (iv)	41.20282832	-75.71131953	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	30	329	-	0.52
17.8	112014_JC_001_PEM	PEM1	Other	41.20284889	-75.7112549	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	1	3	-	0.001
19.6	121614_JC_001_PFO - 1	PFO4	Exceptional (iii)	41.1795127	-75.69659336	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	30	40	-	0.066

Wetlands Subfacility Table

Name/Appendix: Appendix LU-L3A - Subfacility Tables - Wetland Resources in Luzerne County  
 County: Luzerne

Date: 10/9/2019

MP <sup>1</sup>	Wetland ID <sup>2</sup>	Cowardin Code <sup>3</sup>	105.17 Classification <sup>4</sup>	Latitude	Longitude	County <sup>5</sup>	Municipality <sup>5</sup>	Subfacility Code: PIPE <sup>6</sup>									Subfacility Code: WDTIM <sup>6</sup>	Subfacility Code: TMPWI <sup>6</sup>	
								Type	Product Code	Diameter (feet)	Depth of Cover	Line Encased	Shut-off Controls	Attached to Water Obstruction	ROW Width	Pipe length (linear feet)	Impacted Area (acres) <sup>7</sup>	Temporary Wetland Impact (acres) <sup>7</sup>	
19.7	121614_JC_001_PEM	PEM1	Exceptional (iii)	41.1781217	-75.69674297	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.001
19.7	121614_JC_001_PFO - 2	PFO4	Exceptional (iii)	41.17867151	-75.69655517	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	30	170	-	-	0.279
22.7	102115_WA_003_PFO	PFO1	Other	41.1356828	-75.68932962	Luzerne	Bear Creek	TRNC	PETRO	3	5	No	Yes	No	8	27	-	-	0.019
<b>Access Roads</b>																			
OR1	010716_GM_1002_PEM	PEM1	Exceptional (iii)	41.34906314	-75.94799597	Luzerne	Dallas	-	-	-	-	-	-	-	-	-	-	-	0.056
OR1	053117_MB_1001_PSS	PSS1	Exceptional (iii)	41.34926466	-75.94805086	Luzerne	Dallas	-	-	-	-	-	-	-	-	-	-	-	0.023
OR1	053117_MB_1001_PEM	PEM1	Exceptional (iii)	41.34937205	-75.9481365	Luzerne	Dallas	-	-	-	-	-	-	-	-	-	-	-	0.02
OR1	010716_GM_1001_PEM	PEM1	Exceptional (iii)	41.34769569	-75.94720987	Luzerne	Dallas	-	-	-	-	-	-	-	-	-	-	-	0.013
OR1	010716_GM_1001_PSS	PSS1	Exceptional (iii)	41.34761743	-75.94703103	Luzerne	Dallas	-	-	-	-	-	-	-	-	-	-	-	0.01
13.1	081215_MK_019_PEM	PEM1	Other	41.24814683	-75.77220757	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.057
13.3	121814_JC_002_PEM	PEM1	Exceptional (iii)	41.24790468	-75.76936229	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.002
13.3	081215_MK_020_PEM	PEM1	Exceptional (iii)	41.24830145	-75.7688731	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.002
13.3	081215_MK_021_PEM	PEM1	Other	41.24939522	-75.76741323	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.054
13.2	081215_MK_022_PEM	PEM1	Other	41.25162709	-75.7660882	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.005
15.9	042417_GM_1002_PSS	PSS1	Other	41.2204329	-75.73691772	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.179
15.9	042417_GM_1002_PEM	PEM1	Other	41.22044569	-75.73699896	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.007
16.2	112114_JC_003A_PSS - 2	PSS1	Other	41.21776307	-75.73303961	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.073
16.1	112114_JC_003B_PSS - 2	PSS1	Other	41.21820661	-75.73389014	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.009
16.1	112114_JC_003B_PSS - 3	PSS1	Other	41.21788635	-75.73347183	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.016
16.4	112114_JC_002A_PSS - 1	PSS1	Other	41.21573666	-75.72972883	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.103
16.4	112114_JC_002A_PSS - 2	PSS1	Other	41.21542861	-75.72922528	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.012
16.8	112014_JC_002_PSS	PSS1	Other	41.21153235	-75.723194	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.141
17.7	112014_JC_001_PSS	PSS1	Other	41.20324157	-75.71065474	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.259
22.5	042517_GM_1001_PEM	PEM1	Exceptional (iii)	41.13858326	-75.6859931	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.019
22.6	042517_GM_1002_PEM	PEM1	Exceptional (iii)	41.13796186	-75.68579659	Luzerne	Bear Creek	-	-	-	-	-	-	-	-	-	-	-	0.002
<b>TOTAL IMPACTS</b>															<b>553</b>	<b>3,463</b>	<b>-</b>	<b>5.852</b>	

**Wetlands Subfacility Table**

**Name/Appendix:** Appendix LU-L3A - Subfacility Tables - Wetland Resources in Luzerne County  
**County:** Luzerne

**Date:** 10/9/2019

										Subfacility Code: PIPE <sup>6</sup>							Subfacility Code: WDTIM <sup>6</sup>	Subfacility Code: TMPWI <sup>6</sup>
MP <sup>1</sup>	Wetland ID <sup>2</sup>	Cowardin Code <sup>3</sup>	105.17 Classification <sup>4</sup>	Latitude	Longitude	County <sup>5</sup>	Municipality <sup>5</sup>	Type	Product Code	Diameter (feet)	Depth of Cover	Line Encased	Shut-off Controls	Attached to Water Obstruction	ROW Width	Pipe length (linear feet)	Impacted Area (acres) <sup>7</sup>	Temporary Wetland Impact (acres) <sup>7</sup>

**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.
- In instances where a wetland is crossed by the proposed pipeline or workspace multiple times, crossing numbers (e.g. "-1", "-2") have been added to the Wetland ID.
- Wetland Cover Type based on Cowardin, 1979
- Key: PEM1 = palustrine emergent, persistent; PEM2 = palustrine emergent, non-persistent; PFO1 = palustrine forested, broad-leaved deciduous; PFO4 = palustrine forested, needle-leaved evergreen; PSS1 = palustrine scrub-shrub, broad-leaved deciduous; PSS3 = palustrine scrub-shrub, broad-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.
- 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).
- Subfacility Code Key: PIPE = used for pipeline constructed for the transportation of natural gas, TMPWI = temporary wetland impact, WTDIM = wetland direct impact.
- A "-" denotes no impacts to the wetland.