

Wetlands Subfacility Table

Name/Appendix: Appendix CA-L3A - Subfacility Tables - Wetland Resources in Carbon County
 County: Carbon

Date: 10/9/2019

Subfacility Code: PIPE ⁶	Subfacility Code: WDTIM ⁶	Subfacility Code: TMPWI ⁶
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MP ¹	Wetland ID ²	Cowardin Code ³	105.17 Classification ⁴	Latitude	Longitude	County ⁵	Municipality ⁵	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) ⁷	Temporary Wetland Impact (acres) ⁷
PennEast Mainline Pipeline																		
24.2	110614_JC_004_PSS - 1	PSS1	Other	41.11564302	-75.67872508	Carbon	Kidder	-	-	-	-	-	-	-	-	-	-	0.083
24.3	110614_JC_004_PSS - 2	PSS1	Other	41.11447632	-75.67793628	Carbon	Kidder	-	-	-	-	-	-	-	-	-	-	0.015
24.3	082219_MU_1006_PEM	PEM1	Other	41.113819	-75.677797	Carbon	Kidder	-	-	-	-	-	-	-	-	-	-	0.004
24.5	110614_JC_002B_PFO	PFO1	Other	41.11139928	-75.67592007	Carbon	Kidder	-	-	-	-	-	-	-	-	-	-	0.008
26.4	102114_JC_001B_PFO	PFO1	Exceptional (i, iii)	41.08611863	-75.66225785	Carbon	Kidder	TRNC	PETRO	3	5	No	Yes	No	30	26	-	0.032
26.4	102114_JC_001_PEM - 1	PEM1	Exceptional (i, iii)	41.08600524	-75.66230418	Carbon	Kidder	-	-	-	-	-	-	-	-	-	-	0.017
26.5	102114_JC_001_PEM - 2	PEM1	Exceptional (i, iii)	41.085284	-75.66190056	Carbon	Kidder	TRNC	PETRO	3	-	No	Yes	No	30	78	-	0.312
26.7	102114_JC_001_PEM - 3	PEM1	Exceptional (i, iii)	41.08169924	-75.65966411	Carbon	Kidder	TRNC	PETRO	3	-	No	Yes	No	40	23	-	0.183
26.7	102114_JC_001A_PSS - 1	PSS1	Exceptional (i, iii)	41.08186166	-75.65988363	Carbon	Kidder	-	-	-	-	-	-	-	-	-	-	0.013
26.9R2	102114_JC_001_PEM - 5	PEM1	Exceptional (i, iii)	41.080958	-75.658755	Carbon	Kidder	DB	PETRO	3	-	No	Yes	No	3	26	-	0.002
26.9R2	102114_JC_001A_PSS - 3	PSS1	Exceptional (i, iii)	41.08150868	-75.65963353	Carbon	Kidder	-	-	-	-	-	-	-	-	-	-	0.008
27R2	102314_JC_004_PEM	PEM1	Exceptional (ii, iii)	41.08073214	-75.65859589	Carbon	Kidder	DB	PETRO	3	-	No	Yes	No	3	187	-	0.013
27.1R2	102314_JC_002_PFO - 1	PFO1	Exceptional (i, iii)	41.07945552	-75.65771795	Carbon	Kidder	DB	PETRO	3	-	No	Yes	No	3	8	-	0.001
27.1R2	102314_JC_002_PFO - 2	PFO1	Exceptional (i, iii)	41.07935865	-75.65765133	Carbon	Kidder	DB	PETRO	3	-	No	Yes	No	3	66	-	0.005
27.1R2	102314_JC_002_PSS	PSS3	Exceptional (i, iii)	41.0789191	-75.65734905	Carbon	Kidder	DB	PETRO	3	-	No	Yes	No	3	1432	-	0.099
29.6R2	042415_JC_1005_PEM	PEM1	Other	41.05166967	-75.62908989	Carbon	Kidder	TRNC	PETRO	3	-	No	Yes	No	9	824	-	0.196
29.6R2	050115_JC_1001_PFO	PFO4	Other	41.05341201	-75.62939896	Carbon	Kidder	TRNC	PETRO	3	-	No	Yes	No	30	841	-	1.324
30.4R2	042415_JC_1003_PSS	PSS3	Other	41.04239203	-75.62701283	Carbon	Kidder	TRNC	PETRO	3	-	No	Yes	No	30	93	-	0.066
31.1R2	042415_JC_1002_PEM	PEM1	Exceptional (iii)	41.03110958	-75.62471198	Carbon	Kidder	TRNC	PETRO	3	-	No	Yes	No	10	1178	-	0.303
31R2	042415_JC_1001_PFO	PFO4	Exceptional (iii)	41.03340534	-75.62514067	Carbon	Kidder	TRNC	PETRO	3	-	No	Yes	No	30	1679	-	2.494
32.6R3	110316_GM_1001_PFO	PFO4	Exceptional (iii)	41.01196818	-75.61602006	Carbon	Kidder	TRNC	PETRO	3	-	No	Yes	No	18	7	-	0.037
32.5R2	110316_GM_1001_PEM - 1	PEM1	Exceptional (iii)	41.01195203	-75.61603283	Carbon	Kidder	TRNC	PETRO	3	-	No	Yes	No	30	57	-	0.083
32.7R3	110316_GM_1001_PEM - 2	PEM1	Exceptional (iii)	41.00963509	-75.61541931	Carbon	Kidder	-	-	-	-	-	-	-	-	-	-	0.003
32.8R3	110316_GM_1001_PEM - 3	PEM1	Exceptional (iii)	41.00884794	-75.61524368	Carbon	Kidder	TRNC	PETRO	3	-	No	Yes	No	25	9	-	0.065
33.6R3	042115_JC_1003_PFO	PFO1	Exceptional (iii)	40.99655293	-75.6115178	Carbon	Penn Forest	TRNC	PETRO	3	-	No	Yes	No	7	159	-	0.273
34.7R2	042315_JC_1002_PEM	PEM1	Exceptional (i, iii)	40.98345341	-75.61984166	Carbon	Penn Forest	TRNC	PETRO	3	-	No	Yes	No	12	100	-	0.121
34.7R2	042315_JC_1001_PFO - 1	PFO4	Exceptional (i, iii)	40.9844547	-75.61915201	Carbon	Penn Forest	TRNC	PETRO	3	-	No	Yes	No	30	968	-	1.476
34.8R3	042315_JC_1001_PFO - 2	PFO4	Exceptional (i, iii)	40.98106841	-75.62121012	Carbon	Penn Forest	TRNC	PETRO	3	-	No	Yes	No	26	25	-	0.085
35.4	042315_JC_1004_PFO	PFO4	Other	40.97231279	-75.62633972	Carbon	Penn Forest	TRNC	PETRO	3	-	No	Yes	No	15	92	-	0.041

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Name/Appendix: Appendix CA-L3A - Subfacility Tables - Wetland Resources in Carbon County
 County: Carbon

Date: 10/9/2019

Subfacility Code: PIPE ⁶	Subfacility Code: WDTIM ⁶	Subfacility Code: TMPWI ⁶
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MP ¹	Wetland ID ²	Cowardin Code ³	105.17 Classification ⁴	Latitude	Longitude	County ⁵	Municipality ⁵	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) ⁷	Temporary Wetland Impact (acres) ⁷
35.5	010716_GM_1001_VP	PEM2	Other	40.97005798	-75.62740038	Carbon	Penn Forest	TRNC	PETRO	3	-	No	Yes	No	5	38	-	0.013
35.9	060117_MB_1001_PFO - 1	PFO1	Exceptional (ii, iii)	40.96435217	-75.62911745	Carbon	Penn Forest	TRNC	PETRO	3	-	No	Yes	No	9	40	-	0.062
36	060117_MB_1001_PFO - 2	PFO1	Exceptional (ii, iii)	40.96407467	-75.62927565	Carbon	Penn Forest	TRNC	PETRO	3	-	No	Yes	No	30	267	-	0.462
36	060117_MB_1001_PEM	PEM1	Exceptional (ii, iii)	40.96343946	-75.62948394	Carbon	Penn Forest	-	-	-	-	-	-	-	-	-	-	0.014
36.1	060217_MB_1001_PEM	PEM1	Exceptional (ii, iii)	40.96185481	-75.62975768	Carbon	Penn Forest	-	-	-	-	-	-	-	-	-	-	0.005
36.1	060217_MB_1001_PFO	PFO1	Exceptional (ii, iii)	40.96241274	-75.62956	Carbon	Penn Forest	TRNC	PETRO	3	-	No	Yes	No	30	229	-	0.389
36.5R3	050615_JC_1001_PFO - 1	PFO1	Exceptional (i, ii, iii)	40.95599108	-75.63070443	Carbon	Penn Forest	TRNC	PETRO	3	-	No	Yes	No	30	37	-	0.082
36.6R3	050615_JC_1001_PFO - 2	PFO1	Exceptional (i, ii, iii)	40.95569979	-75.63075297	Carbon	Penn Forest	TRNC	PETRO	3	-	No	Yes	No	30	1088	-	1.827
37.1R3	061615_DB_1002_PFO	PFO1	Exceptional (iii)	40.947776	-75.63241086	Carbon	Penn Forest	TRNC	PETRO	3	-	No	Yes	No	30	341	-	0.582
37.5	061615_DB_1001_PEM	PEM1	Exceptional (iii)	40.94334223	-75.63463974	Carbon	Penn Forest	-	-	-	-	-	-	-	-	-	-	0.011
41.2	020117_GM_1006_PFO	PFO1	Exceptional (iii)	40.90303233	-75.59968116	Carbon	Towamensing	TRNC	PETRO	3	-	No	Yes	No	30	72	-	0.116
41.5	020117_GM_1001_PUB	PEM2	Other	40.90198781	-75.59411971	Carbon	Towamensing	TRNC	PETRO	3	-	No	Yes	No	30	42	-	0.075
44.8R2	041018_WA_002_PSS	PSS1	Exceptional (iii)	40.87432981	-75.54448581	Carbon	Towamensing	TRNC	PETRO	3	-	No	Yes	No	24	8	-	0.014
45R2	052915_JC_1001_PEM	PEM1	Exceptional (iii)	40.87216661	-75.54176174	Carbon	Towamensing	TRNC	PETRO	3	-	No	Yes	No	30	30	-	0.06
45.6	051115_JC_1001_PEM	PEM1	Exceptional (iii)	40.86567316	-75.53807601	Carbon	Towamensing	TRNC	PETRO	3	-	No	Yes	No	30	53	-	0.071
48.1	090914_WA_001_PSS	PSS1	Exceptional (iii)	40.83783396	-75.50900387	Carbon	Lower Towamensing	TRNC	PETRO	3	-	No	Yes	No	30	55	-	0.06
48.1	090914_WA_002_PSS	PSS1	Exceptional (iii)	40.83715117	-75.50876631	Carbon	Lower Towamensing	TRNC	PETRO	3	-	No	Yes	No	30	23	-	0.024
49.3R3	041117_GM_1001_PFO	PFO4	Exceptional (i, iii)	40.82443663	-75.49927312	Carbon	Lower Towamensing	DB	PETRO	3	-	No	Yes	No	3	142	-	0.01
49.3R3	041117_GM_1001_PSS	PSS1	Exceptional (i, iii)	40.82427778	-75.49922155	Carbon	Lower Towamensing	DB	PETRO	3	-	No	Yes	No	3	116	-	0.008
50.6R3	072618_WA_001_PEM	PEM1	Exceptional (iii)	40.82173812	-75.4792257	Carbon	Lower Towamensing	TRNC	PETRO	3	-	No	Yes	No	30	61	-	0.132
50.6R4	072618_WA_002_PEM	PEM2	Exceptional (iii)	40.82162425	-75.47945838	Carbon	Lower Towamensing	-	-	-	-	-	-	-	-	-	-	0.001
Kidder Compressor Station																		
26.6	112414_JC_004_PEM	PEM1	Other	41.08221	-75.665297	Carbon	Kidder	-	-	-	-	-	-	-	-	-	0.022	0.022
26.6	112414_JC_004_MOSAIC	PFO1	Other	41.08174727	-75.66491037	Carbon	Kidder	-	-	-	-	-	-	-	-	-	0.024	0.024
26.6	082515_BT_004_PEM	PEM1	Other	41.08196393	-75.66592055	Carbon	Kidder	-	-	-	-	-	-	-	-	-	0.005	0.005
26.7	082515_BT_003_PEM	PEM1	Other	41.08189419	-75.66313061	Carbon	Kidder	-	-	-	-	-	-	-	-	-	0.009	0.009
26.7	112414_JC_004_PFO - 1	PFO1	Other	41.08101184	-75.66385556	Carbon	Kidder	-	-	-	-	-	-	-	-	-	-	0.083
26.7	112414_JC_004_PFO - 2	PFO1	Other	41.080536°	-75.664033°	Carbon	Kidder	-	-	-	-	-	-	-	-	-	-	0.005
26.8R2	102114_JC_001A_PSS - 2	PSS1	Exceptional (i, iii)	41.08163151	-75.65983074	Carbon	Kidder	TRNC	PETRO	3	5	No	Yes	No	61	54	-	0.068

Wetlands Subfacility Table

Name/Appendix: **Appendix CA-L3A - Subfacility Tables - Wetland Resources in Carbon County**
 County: **Carbon**

Date: **10/9/2019**

Subfacility Code: PIPE⁶	Subfacility Code: WDTIM⁶	Subfacility Code: TMPWI⁶
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MP ¹	Wetland ID ²	Cowardin Code ³	105.17 Classification ⁴	Latitude	Longitude	County ⁵	Municipality ⁵	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) ⁷	Temporary Wetland Impact (acres) ⁷
26.8R2	102114_JC_001_PEM - 4	PEM1	Exceptional (i, iii)	41.08166961	-75.65973893	Carbon	Kidder	TRNC	PETRO	3	5	No	Yes	No	60	7	-	0.006
26.8R2	102114_JC_001_PFO	PFO1	Exceptional (i, iii)	41.08142402	-75.66062385	Carbon	Kidder	TRNC	PETRO	3	5	No	Yes	No	60	73	-	0.084
TOTAL IMPACTS															972	10,654	0.06	11.686

- 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.
 - 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.