

Wetlands Subfacility Table

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

County: Northampton

Date: Date: 10/9/2019

Subfacility Code: PIPE⁶

Subfacility Code: WTDIM⁶

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																		
52.4R3	040517_GM_1001_PFO	PFO1	Other	40.80472659	-75.47300308	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	40	-	0.038
52.4R3	040517_GM_1001_PEM	PEM1	Other	40.80467349	-75.47293006	Northampton	Moore	-	-	-	-	-	-	-	-	-	-	0.001
52.5R3	040617_GM_1001_PFO	PFO1	Exceptional (iii)	40.80417161	-75.47303337	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	51	-	0.06
52.5R3	040617_GM_1001_PEM	PEM1	Exceptional (iii)	40.80403535	-75.47295201	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	3	3	-	0.002
52.5R3	052918_WA_004_PFO	PFO1	Exceptional (ii, iii)	40.80375655	-75.47303609	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	20	70	-	0.071
52.5R3	052918_WA_005_PEM	PEM1	Exceptional (ii, iii)	40.80298112	-75.47304117	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	18	6	-	0.011
52.5R3	052918_WA_003_PFO	PFO1	Exceptional (ii, iii)	40.8028695	-75.4730419	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	87	-	0.118
52.6R3	052918_WA_007_PUB	PEM2	Exceptional (ii, iii)	40.8023535	-75.47337511	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	12	35	-	0.041
52.6R3	052918_WA_008_PUB	PEM2	Exceptional (ii, iii)	40.80222262	-75.47332546	Northampton	Moore	DB	PETRO	3	5	No	Yes	No	19	17	-	0.022
52.7R3	080917_WA_003_PEM	PEM1	Exceptional (ii, iii)	40.80082331	-75.47395256	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	13	-	0.025
52.7R3	080917_WA_002_PEM - 1	PEM1	Exceptional (i, iii)	40.80056161	-75.47407144	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	5	-	0.02
52.7R3	080917_WA_002_PEM - 2	PEM1	Exceptional (i, iii)	40.80018987	-75.47430039	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	22	-	0.047
52.8R3	080917_WA_002_PEM - 3	PEM1	Exceptional (i, iii)	40.799863	-75.474397	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	1	6	-	0.001
52.8R3	080917_WA_002_PSS	PSS1	Exceptional (i, iii)	40.79965298	-75.47456578	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	17	-	0.045
52.8R3	110217_WA_001_PSS	PSS1	Exceptional (i, iii)	40.799562	-75.474498	Northampton	Moore	-	-	-	-	-	-	-	-	-	-	0.005
52.9R3	110217_WA_005_PFO - 1	PFO1	Exceptional (i, iii)	40.79854388	-75.47498908	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	55	-	0.07
52.9R3	110217_WA_005_PFO - 2	PFO1	Exceptional (i, iii)	40.7980715	-75.47525983	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	6	25	-	0.006
52.9R3	110217_WA_005_PFO - 3	PFO1	Exceptional (i, iii)	40.79777756	-75.47540126	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	4	18	-	0.004
52.9R3	110217_WA_006_PEM	PEM1	Exceptional (ii, iii)	40.79766927	-75.4752163	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	3	12	-	0.013
52.9R3	110217_WA_007_PEM	PEM1	Exceptional (ii, iii)	40.797565	-75.47511	Northampton	Moore	-	-	-	-	-	-	-	-	-	-	0.001
53.1R3	110217_WA_008_PEM	PEM1	Other	40.79564453	-75.47625445	Northampton	Moore	DB	PETRO	3	5	No	Yes	No	19	7	-	0.014
53.2R3	080917_WA_001_PEM - 1	PEM1	Exceptional (iii)	40.79381857	-75.4761838	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	10	-	0.033
53.3R3	080917_WA_001_PEM - 2	PEM1	Exceptional (iii)	40.7927002	-75.47597505	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	154	-	0.234
53.3R3	050217_MB_1002_PEM	PEM1	Exceptional (iii)	40.79209407	-75.47610778	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	26	12	-	0.011
53.4R3	050217_MB_1004_PFO	PFO1	Exceptional (iii)	40.79139651	-75.47616087	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	6	7	-	0.002
53.4R3	050217_MB_1001_PEM	PEM1	Exceptional (iii)	40.7909662	-75.47584625	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	44	-	0.069
55.9	081815_MK_042_PEM - 1	PEM1	Exceptional (iii)	40.7800697	-75.45707024	Northampton	Moore	DB	PETRO	3	5	No	Yes	No	30	54	-	0.108
56	062218_WA_001_PFO	PFO1	Exceptional (iii)	40.77982815	-75.45699334	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	340	-	0.71
56	062218_WA_001_PEM - 1	PEM1	Exceptional (iii)	40.77973169	-75.45676259	Northampton	Moore	-	-	-	-	-	-	-	-	-	-	0.132
56	062218_WA_001_PEM - 2	PEM1	Exceptional (iii)	40.77937778	-75.4564478	Northampton	Moore	-	-	-	-	-	-	-	-	-	-	0.009
56.6	052218_WA_002_PEM	PEM1	Exceptional (iii)	40.77259988	-75.44881716	Northampton	Moore	-	-	-	-	-	-	-	-	-	-	0.007
56.6	101717_AB_1001_PEM	PEM1	Exceptional (iii)	40.77246449	-75.44898372	Northampton	Moore	-	-	-	-	-	-	-	-	-	-	0.001
56.7	050417_GM_1003_PEM	PEM1	Exceptional (iii)	40.77216649	-75.44866326	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	14	-	0.009
56.7	050417_GM_1002_PEM	PEM1	Exceptional (iii)	40.77185129	-75.44842297	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	37	-	0.078
58.5	052218_WA_003_PEM	PEM1	Exceptional (iii)	40.75519164	-75.42301466	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	42	-	0.058
59.2	090414_DB_008_PEM	PEM1	Exceptional (iii)	40.74743972	-75.41359924	Northampton	Moore	TRNC	PETRO	3	5	No	Yes	No	30	37	-	0.068
60.6	090314_DB_004_PEM	PEM1	Exceptional (iii)	40.73584165	-75.39266375	Northampton	East Allen	TRNC	PETRO	3	5	No	Yes	No	30	58	-	0.099
62.8R3	041119_DHB_001_PEM	PEM1	Exceptional (iii)	40.725897	-75.356757	Northampton	Upper Nazareth	TRNC	PETRO	3	5	No	Yes	No	30	208	-	0.374
64.3R2	042815_JC_1003_PEM	PEM1	Other	40.71659923	-75.33413983	Northampton	Lower Nazareth	-	-	-	-	-	-	-	-	-	-	0.017
72.1	092614_GO_002_PFO - 1	PFO1	Exceptional (iii)	40.62836273	-75.27211446	Northampton	Lower Saucon	TRNC	PETRO	3	5	No	Yes	No	30	86	-	0.183
72.2	092614_GO_002_PFO - 2	PFO1	Exceptional (iii)	40.62795374	-75.2711996	Northampton	Lower Saucon	TRNC	PETRO	3	5	No	Yes	No	7	10	-	0.022
72.4	040318_WA_0001_PSS	PSS1	Exceptional (iii)	40.6260489	-75.26833137	Northampton	Lower Saucon And Williams	TRNC	PETRO	3	5	No	Yes	No	30	61	-	0.146
72.4	040318_WA_0001_PEM	PEM1	Exceptional (iii)	40.62595254	-75.26815701	Northampton	Lower Saucon And Williams	TRNC	PETRO	3	5	No	Yes	No	30	77	-	0.097
72.4	031918_WA_001_PSS	PSS1	Exceptional (iii, iv)	40.62551994	-75.26736665	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	130	-	0.233

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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
72.6	051415_JC_1001_PEM	PEM1	Exceptional (iii)	40.62458873	-75.26535383	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	9	6	-	0.01
72.6	012116_GM_1001_PFO	PFO1	Exceptional (iii)	40.62379209	-75.26407509	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	19	13	-	0.05
72.7	042815_JC_1001_PFO - 1	PFO1	Exceptional (iii)	40.62261767	-75.26273278	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	8	18	-	0.007
72.8	042815_JC_1001_PFO - 2	PFO1	Exceptional (iii)	40.62245052	-75.26238556	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	875	-	1.276
73.1	031716_NJ_002_PSS - 1	PSS1	Exceptional (iii)	40.61916726	-75.25707384	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	17	14	-	0.035
73.2	031716_NJ_002_PSS - 2	PSS1	Exceptional (iii)	40.61907126	-75.25684218	Northampton	Williams	-	-	-	-	-	-	-	-	-	-	0.003
73.1	031716_NJ_002_PEM	PEM1	Exceptional (iii)	40.61927021	-75.25809102	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	87	-	0.138
73.6R2	042117_GM_1001_PFO	PFO1	Exceptional (iii)	40.6199795	-75.24910222	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	62	-	0.098
73.6R2	042418_WA_008_PFO	PFO1	Exceptional (iii)	40.61997843	-75.24796324	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	77	-	0.121
73.7R2	042418_WA_006_PFO	PFO1	Exceptional (iii)	40.61997695	-75.24640308	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	58	-	0.099
74.3	042518_WA_001_PSS	PSS1	Other	40.61232417	-75.23775408	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	28	-	0.062
74.7	072319_MU_1003_PEM	PEM1	Other	40.608359	-75.232975	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	14	-	0.039
74.9	062415_BT_1002_PEM	PEM1	Exceptional (iii)	40.60689675	-75.22906882	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	78	-	0.109
75.1	122016_LZ_1002_PEM	PEM1	Other	40.60620355	-75.22688624	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	40	-	0.066
75.1	042418_WA_001_PSS - 1	PSS1	Other	40.60600619	-75.22677179	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	139	-	0.247
75.1	042418_WA_001_PSS - 2	PSS1	Other	40.60542887	-75.22654157	Northampton	Williams	-	-	-	-	-	-	-	-	-	-	0.01
75.1	042418_WA_001_PEM	PEM1	Other	40.6057504	-75.22673904	Northampton	Williams	-	-	-	-	-	-	-	-	-	-	0.001
75.1	042418_WA_002_PSS	PSS1	Exceptional (iii)	40.60525809	-75.22633793	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	9	-	0.038
75.1	042418_WA_002_PEM	PEM1	Exceptional (iii)	40.6052219	-75.22641588	Northampton	Williams	-	-	-	-	-	-	-	-	-	-	0.004
75.2	042418_WA_003_PEM	PEM1	Other	40.60434284	-75.22580715	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	30	107	-	0.165
75.7	111314_JC_003_PFO	PFO1	Exceptional (iii)	40.6015552	-75.21879148	Northampton	Williams	TRNC	PETRO	3	5	No	Yes	No	10	23	-	0.016
Access Roads																		
55.9	081815_MK_042_PEM - 2	PEM1	Exceptional (iii)	40.78043338	-75.4568247	Northampton	Moore	-	-	-	-	-	-	-	-	-	-	0.068
TOTAL IMPACTS															1,257	3,518	-	5.977

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. 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.
 3. 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.
 4. 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.
 5. Sources: PennDOT Pennsylvania municipality boundaries, dated 1/2017 and PennDOT Pennsylvania county boundaries, dated 7/2018. Available at www.pasda.psu.edu.
 6. Subfacility Code Key: PIPE = used for pipeline constructed for the transportation of natural gas, TMPWI = temporary wetland impact, WTDIM = wetland direct impact.
 7. A "-" denotes no impacts to the wetland.