



Appendix NO-L-3A

Subfacility Tables - Wetland Resources in Northampton County

Milepost ¹	Wetland ID ²	Subfacility Code ³	Latitude	Longitude	County ⁴	Municipality ⁴	Permanent Direct (acres) ⁵	Temporary Direct (acres) ⁵	Permanent Indirect (acres) ⁵	Temporary Indirect (acres) ⁵	Cowardin Classification ⁶	Wetland Type ⁷	Reforestation Planting Area	Pipe Length ⁸
PennEast Mainline														
52.4R3	040517_GM_1001_PFO	PIPE, TMPWI, WTIIM, WETRE	40.804727	-75.473003	Northampton	Moore Twp	-	0.01	0.03	0.01	PFO1	Other	0.01	40
52.4R3	040517_GM_1001_PEM	PIPE, TMPWI, WTIIM	40.804673	-75.472930	Northampton	Moore Twp	-	0.00	0.00	0.00	PEM1	Other	-	-
52.5R3	040617_GM_1001_PFO	PIPE, TMPWI, WTIIM, WETRE	40.804172	-75.473033	Northampton	Moore Twp	-	0.02	0.05	0.01	PFO1	Exceptional (iii)	0.03	50
52.5R3	040617_GM_1001_PEM	PIPE, TMPWI, WTIIM	40.804035	-75.472952	Northampton	Moore Twp	-	0.00	0.00	0.00	PEM1	Exceptional (iii)	-	-
52.5R3	052918_WA_004_PFO	PIPE, TMPWI, WTIIM, WETRE	40.803757	-75.473036	Northampton	Moore Twp	-	0.03	0.05	0.02	PFO1	Exceptional (ii, iii)	0.04	69
52.5R3	052918_WA_005_PEM	PIPE, WTIIM	40.802981	-75.473041	Northampton	Moore Twp	-	0.00	0.01	-	PEM1	Exceptional (ii, iii)	-	6
52.5R3	052918_WA_003_PFO	PIPE, TMPWI, WTIIM, WETRE	40.802869	-75.473042	Northampton	Moore Twp	-	0.03	0.08	0.04	PFO1	Exceptional (ii, iii)	0.07	87
52.6R3	052918_WA_007_PUB	PIPE, TMPWI, WTIIM	40.802353	-75.473375	Northampton	Moore Twp	-	0.02	0.02	0.03	PEM2	Exceptional (ii, iii)	-	-
52.6R3	052918_WA_008_PUB	PIPE, TMPWI, WTIIM	40.802223	-75.473325	Northampton	Moore Twp	-	0.01	0.02	0.00	PEM2	Exceptional (ii, iii)	-	17
52.7R3	080917_WA_003_PEM	PIPE, TMPWI, WTIIM	40.800823	-75.473953	Northampton	Moore Twp	-	0.00	0.01	0.01	PEM1	Exceptional (ii, iii)	-	13
52.7R3	080917_WA_002_PEM - 1	PIPE, TMPWI, WTIIM	40.800562	-75.474071	Northampton	Moore Twp	-	0.00	0.01	0.01	PEM1	Exceptional (i, iii)	-	4
52.7R3	080917_WA_002_PEM - 2	PIPE, WTIIM	40.800190	-75.474300	Northampton	Moore Twp	-	0.01	0.04	-	PEM1	Exceptional (i, iii)	-	16
52.8R3	080917_WA_002_PSS	PIPE, WTIIM, WETRE	40.799653	-75.474566	Northampton	Moore Twp	-	0.01	0.04	-	PSS1	Exceptional (i, iii)	-	16
52.9R3	110217_WA_005_PFO - 1	PIPE, TMPWI, WTIIM, WETRE	40.798544	-75.474989	Northampton	Moore Twp	-	0.02	0.04	0.03	PFO1	Exceptional (i, iii)	-	55
52.9R3	110217_WA_005_PFO - 2	PIPE, WTIIM, WETRE	40.798072	-75.475260	Northampton	Moore Twp	-	0.01	0.02	-	PFO1	Exceptional (i, iii)	-	-
52.9R3	110217_WA_005_PFO - 3	PIPE, WTIIM, WETRE	40.797778	-75.475401	Northampton	Moore Twp	-	0.01	0.02	-	PFO1	Exceptional (i, iii)	-	-
52.9R3	110217_WA_006_PEM	PIPE, WTIIM	40.797669	-75.475216	Northampton	Moore Twp	-	0.00	0.01	-	PEM1	Exceptional (ii, iii)	-	-
53.1R3	110217_WA_008_PEM	PIPE, WTIIM	40.795645	-75.476254	Northampton	Moore Twp	-	0.00	0.01	-	PEM1	Other	-	7



Milepost ¹	Wetland ID ²	Subfacility Code ³	Latitude	Longitude	County ⁴	Municipality ⁴	Permanent Direct (acres) ⁵	Temporary Direct (acres) ⁵	Permanent Indirect (acres) ⁵	Temporary Indirect (acres) ⁵	Cowardin Classification ⁶	Wetland Type ⁷	Reforestation Planting Area	Pipe Length ⁸
53.2R3	080917_WA_001_PEM - 1	PIPE, TMPWI, WTIIIM	40.793819	-75.476184	Northampton	Moore Twp	-	0.00	0.02	0.01	PEM1	Exceptional (iii)	-	9
53.3R3	080917_WA_001_PEM - 2	PIPE, TMPWI, WTIIIM	40.792700	-75.475975	Northampton	Moore Twp	-	0.06	0.16	0.08	PEM1	Exceptional (iii)	-	154
53.3R3	050217_MB_1002_PEM	PIPE, TMPWI, WTIIIM	40.792094	-75.476108	Northampton	Moore Twp	-	0.00	0.01	0.00	PEM1	Exceptional (iii)	-	11
53.4R3	050217_MB_1004_PFO	PIPE, WTIIIM, WETRE	40.791397	-75.476161	Northampton	Moore Twp	-	0.00	0.00	-	PFO1	Exceptional (iii)	0.00	-
53.4R3	050217_MB_1001_PEM	PIPE, TMPWI, WTIIIM	40.790966	-75.475846	Northampton	Moore Twp	-	0.02	0.04	0.03	PEM1	Exceptional (iii)	-	44
55.9	081815_MK_042_PEM - 1	PIPE, TMPWI, WTIIIM	40.780070	-75.457070	Northampton	Moore Twp	-	0.02	0.06	0.05	PEM1	Exceptional (iii)	-	54
56	062218_WA_001_PFO	PIPE, TMPWI, WTIIIM, WETRE	40.779828	-75.456993	Northampton	Moore Twp	-	0.12	0.37	0.44	PFO1	Exceptional (iii)	0.59	340
56	062218_WA_001_PEM - 1	PIPE, TMPWI, WTIIIM	40.779732	-75.456763	Northampton	Moore Twp	-	0.01	0.01	0.13	PEM1	Exceptional (iii)	-	-
56	062218_WA_001_PEM - 2	TMPWI	40.779378	-75.456448	Northampton	Moore Twp	-	0.02	-	0.02	PEM1	Exceptional (iii)	-	-
56.6	052218_WA_002_PEM	TMPWI	40.772600	-75.448817	Northampton	Moore Twp	-	0.02	-	0.01	PEM1	Exceptional (iii)	-	-
56.6	101717_AB_1001_PEM	PIPE, WTIIIM	40.772464	-75.448984	Northampton	Moore Twp	-	0.00	0.00	-	PEM1	Exceptional (iii)	-	-
56.7	050417_GM_1003_PEM	PIPE, WTIIIM	40.772166	-75.448663	Northampton	Moore Twp	-	0.01	0.01	-	PEM1	Exceptional (iii)	-	14
56.7	050417_GM_1002_PEM	PIPE, TMPWI, WTIIIM	40.771851	-75.448423	Northampton	Moore Twp	-	0.01	0.05	0.03	PEM1	Exceptional (iii)	-	36
58.5	052218_WA_003_PEM	PIPE, TMPWI, WTIIIM	40.755192	-75.423015	Northampton	Moore Twp	-	0.01	0.04	0.02	PEM1	Exceptional (iii)	-	41
59.2	090414_DB_008_PEM	PIPE, TMPWI, WTIIIM	40.747440	-75.413599	Northampton	Moore Twp	-	0.01	0.04	0.03	PEM1	Exceptional (iii)	-	36
60.6	090314_DB_004_PEM	PIPE, TMPWI, WTIIIM	40.735842	-75.392664	Northampton	East Allen Twp	-	0.02	0.07	0.03	PEM1	Exceptional (iii)	-	56
64.3R2	042815_JC_1003_PEM	PIPE, TMPWI, WTIIIM	40.716599	-75.334140	Northampton	Upper Nazareth Twp	-	0.01	0.00	0.02	PEM1	Other	-	-
72.1	092614_GO_002_PFO - 1	PIPE, TMPWI, WTIIIM, WETRE	40.628363	-75.272114	Northampton	Lower Saucon Twp	-	0.03	0.11	0.08	PFO1	Exceptional (iii)	-	84
72.2	092614_GO_002_PFO - 2	PIPE, TMPWI, WTIIIM, WETRE	40.627954	-75.271200	Northampton	Lower Saucon Twp	-	0.02	0.00	0.02	PFO1	Exceptional (iii)	-	-
72.4	040318_WA_0001_PSS	PIPE, TMPWI, WTIIIM, WETRE	40.626049	-75.268331	Northampton	Lower Saucon Twp	-	0.02	0.09	0.06	PSS1	Exceptional (iii)	0.10	60
72.4	040318_WA_0001_PEM	PIPE, TMPWI, WTIIIM	40.625953	-75.268157	Northampton	Lower Saucon Twp	-	0.03	0.08	0.02	PEM1	Exceptional (iii)	-	76
72.6	051415_JC_1001_PEM	PIPE, WTIIIM	40.624589	-75.265354	Northampton	Williams Twp	-	0.00	0.01	-	PEM1	Exceptional (iii)	-	6



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72.6	012116_GM_1001_PFO	PIPE, TMPWI, WTIIIM, WETRE	40.623792	-75.264075	Northampton	Williams Twp	-	0.03	0.02	0.03	PFO1	Exceptional (iii)	0.04	13
72.4	031918_WA_001_PSS	PIPE, TMPWI, WTIIIM, WETRE	40.625520	-75.267367	Northampton	Lower Saucon Twp	-	0.05	0.15	0.08	PSS1	Exceptional (iii, iv)	0.14	130
72.7	042815_JC_1001_PFO - 1	PIPE, TMPWI, WTIIIM, WETRE	40.622618	-75.262733	Northampton	Williams Twp	-	0.02	0.00	0.00	PFO1	Exceptional (iii)	-	-
72.8	042815_JC_1001_PFO - 2	PIPE, TMPWI, WTIIIM, WETRE	40.622451	-75.262386	Northampton	Williams Twp	-	0.32	0.93	0.34	PFO1	Exceptional (iii)	-	873
73.1	031716_NJ_002_PSS - 1	PIPE, TMPWI, WTIIIM, WETRE	40.619167	-75.257074	Northampton	Williams Twp	-	0.00	0.03	0.01	PSS1	Exceptional (iii)	-	13
73.2	031716_NJ_002_PSS - 2	PIPE, TMPWI, WTIIIM	40.619071	-75.256842	Northampton	Williams Twp	-	0.01	0.00	0.00	PSS1	Exceptional (iii)	-	-
73.1	031716_NJ_002_PEM	PIPE, TMPWI, WTIIIM	40.619270	-75.258091	Northampton	Williams Twp	-	0.03	0.10	0.03	PEM1	Exceptional (iii)	-	86
73.6R2	042117_GM_1001_PFO	PIPE, TMPWI, WTIIIM, WETRE	40.619980	-75.249102	Northampton	Williams Twp	-	0.02	0.07	0.03	PFO1	Exceptional (iii)	0.06	62
73.6R2	042418_WA_008_PFO	PIPE, TMPWI, WTIIIM, WETRE	40.619978	-75.247963	Northampton	Williams Twp	-	0.03	0.09	0.03	PFO1	Exceptional (iii)	0.07	77
73.7R2	042418_WA_006_PFO	PIPE, TMPWI, WTIIIM, WETRE	40.619977	-75.246403	Northampton	Williams Twp	-	0.02	0.06	0.03	PFO1	Exceptional (iii)	0.06	57
74.3	042518_WA_001_PSS	PIPE, TMPWI, WTIIIM, WETRE	40.612324	-75.237754	Northampton	Williams Twp	-	0.01	0.03	0.03	PSS1	Other	0.04	27
74.9	062415_BT_1002_PEM	PIPE, TMPWI, WTIIIM	40.606897	-75.229069	Northampton	Williams Twp	-	0.03	0.09	0.02	PEM1	Exceptional (iii)	-	77
75.1	122016_LZ_1002_PEM	PIPE, TMPWI, WTIIIM	40.606204	-75.226886	Northampton	Williams Twp	-	0.01	0.05	0.02	PEM1	Other	-	37
75.1	042418_WA_001_PSS - 1	PIPE, TMPWI, WTIIIM, WETRE	40.606006	-75.226772	Northampton	Williams Twp	-	0.05	0.16	0.09	PSS1	Other	-	139
75.1	042418_WA_001_PSS - 2	PIPE, TMPWI, WTIIIM	40.605429	-75.226542	Northampton	Williams Twp	-	0.03	0.00	0.01	PSS1	Other	-	-
75.1	042418_WA_001_PEM	TMPWI	40.605750	-75.226739	Northampton	Williams Twp	-	0.00	-	0.00	PEM1	Other	-	-
75.1	042418_WA_002_PSS	PIPE, TMPWI, WTIIIM	40.605258	-75.226338	Northampton	Williams Twp	-	0.01	0.02	0.02	PSS1	Exceptional (iii)	0.03	34
75.1	042418_WA_002_PEM	PIPE, TMPWI, WTIIIM	40.605222	-75.226416	Northampton	Williams Twp	-	0.01	0.00	0.00	PEM1	Exceptional (iii)	-	-
75.2	042418_WA_003_PEM	PIPE, TMPWI, WTIIIM	40.604343	-75.225807	Northampton	Williams Twp	-	0.04	0.11	0.05	PEM1	Other	-	108
75.7	111314_JC_003_PFO	PIPE, TMPWI, WTIIIM, WETRE	40.601555	-75.218791	Northampton	Williams Twp	-	0.02	0.01	0.01	PFO1	Exceptional (iii)	0.01	-



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Hellertown Lateral													-	-
None													-	-
Access Roads														
55.9	081815_MK_042_PEM - 2	TMPWI	40.780433	-75.456825	Northampton	Moore Twp	-	0.07	-	-	PEM1	Exceptional (iii)	-	-

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.
- 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 Northampton County

Milepost ¹	Watercourse ID ²	Subfacility Code ³	Latitude	Longitude	County ⁴	Municipality ⁴	Permanent Direct (acres) ⁵	Temporary Direct (acres) ⁵	Permanent Indirect (acres) ⁵	Temporary Indirect (acres) ⁵	Pipe Length ⁶
PennEast Mainline											
52.7R3	080917_WA_1002_P_MI - 1	FLACT, PIPE	40.800358	-75.474329	Northampton	Moore Twp	-	0.33	0.33	0.09	-
52.7R3	080917_WA_1002_P_MI - 2	FLACT, PIPE	40.800152	-75.474330	Northampton	Moore Twp	-	-	-	-	-
52.9R3	110217_WA_1003_P_MI	FLACT, PIPE	40.797543	-75.475202	Northampton	Moore Twp	-	0.04	0.12	0.02	-
52.9R3	110217_WA_1002_I_MI	FLACT, PIPE	40.797769	-75.475306	Northampton	Moore Twp	-	0.03	0.05	-	-
53.2R3	080917_WA_1001_I_MI	FLACT, PIPE	40.793855	-75.476191	Northampton	Moore Twp	-	0.05	0.16	0.08	-
53.3R3	050217_MB_1002_I_MI	FLACT, PIPE	40.792107	-75.476103	Northampton	Moore Twp	-	0.04	0.13	0.06	-
53.4R3	050217_MB_1001_P_IN	FLACT, PIPE	40.790992	-75.475861	Northampton	Moore Twp	-	0.05	0.15	0.06	-
55.7	102815_WA_1001_E_MI	FLACT, PIPE	40.783732	-75.459065	Northampton	Moore Twp	-	0.05	0.15	0.08	-
55.9	051215_JC_1002_P_IN	FLACT, PIPE	40.781304	-75.457677	Northampton	Moore Twp	-	0.04	0.12	0.05	-
55.9	051215_JC_1001_E_MI	FLACT, PIPE	40.780606	-75.457279	Northampton	Moore Twp	-	0.02	0.07	0.04	-
56	051215_JC_1003_I_MI	FLACT, PIPE	40.779940	-75.457029	Northampton	Moore Twp	-	0.02	0.05	0.01	-
56	062218_WA_1000_P_MI	FLACT, PIPE	40.779356	-75.456814	Northampton	Moore Twp	-	0.00	0.03	0.01	-
56.6	050417_GM_1001_I_MI	FLACT	40.772483	-75.449205	Northampton	Kidder Twp	-	0.03	-	0.03	-
56.7	050417_GM_1002_P_MI	FLACT, PIPE	40.772084	-75.448600	Northampton	Moore Twp	-	0.06	0.19	0.11	-
56.7	050417_GM_1003_P_IN	FLACT, PIPE	40.771677	-75.448290	Northampton	Moore Twp	-	0.04	0.11	0.05	-
58R2	071917_MB_1001_I_MI	FLACT, PIPE	40.760247	-75.429116	Northampton	Moore Twp	-	0.04	0.13	0.07	-
58.1R2	052218_WA_1001_E_MI	FLACT, PIPE	40.759968	-75.427902	Northampton	Moore Twp	-	0.04	0.12	0.06	-
58.5	052218_WA_1002_P_MI	FLACT, PIPE	40.755227	-75.423054	Northampton	Moore Twp	-	0.04	0.11	0.07	-
58.5	052218_WA_1003_P_MI	FLACT, PIPE	40.755118	-75.422932	Northampton	Moore Twp	-	0.02	0.06	0.04	-
59	090314_DB_1011_E_MI	FLACT, PIPE	40.749646	-75.416448	Northampton	Moore Twp	-	0.04	0.12	0.06	-
59.2	090414_DB_1012_I_MI	FLACT, PIPE	40.747407	-75.413558	Northampton	Moore Twp	-	0.03	0.08	0.02	-
59.2	090414_DB_1013_I_MI	FLACT, PIPE	40.747235	-75.413335	Northampton	Moore Twp	-	0.05	0.16	0.07	-
60.3	051215_JC_1005_P_IN	FLACT, PIPE	40.737018	-75.399488	Northampton	Moore Twp	-	0.03	0.10	0.04	-
60.6	090314_DB_1005_E_MI	FLACT, PIPE	40.736004	-75.393631	Northampton	Moore Twp	-	0.04	0.12	0.04	-
60.7	090314_DB_1007_E_MI	FLACT, PIPE	40.735815	-75.392502	Northampton	East Allen Twp	-	0.02	0.07	0.03	-
60.7	090314_DB_1006_I_MI	FLACT, PIPE	40.735773	-75.392255	Northampton	East Allen Twp	-	0.04	0.13	0.06	-
61.5R3	111214_JC_1004_P_IM	FLACT, PIPE	40.734494	-75.377316	Northampton	East Allen Twp	-	0.03	0.11	0.05	-
62.4R3	102715_WA_1002_P_MI	FLACT, PIPE	40.730341	-75.364596	Northampton	Upper Nazareth Twp	-	0.04	0.12	0.07	-
62.8R3	051415_JC_1001_I_MI	FLACT, PIPE	40.726153	-75.356883	Northampton	Upper Nazareth Twp	-	0.09	0.24	0.27	-
63.5	051415_JC_1002_P_IN	FLACT, PIPE	40.724871	-75.342878	Northampton	Upper Nazareth Twp	-	0.03	0.09	0.05	-
70.6R3	010615_JC_1000_E_MI	FLACT, PIPE	40.649869	-75.283240	Northampton	Bethlehem Twp	-	0.01	0.04	0.02	-
70.7R3	010615_JC_1001_E_MI	FLACT, PIPE	40.649000	-75.283198	Northampton	Bethlehem Twp	-	0.08	0.06	0.02	-
70.9	061416_GM_1001_P_IN	PIPE	40.643062	-75.280289	Northampton	Bethlehem Twp	-	-	0.00	-	-
71	031918_WA_1004_P_MA	PIPE	40.641519	-75.280107	Northampton	Bethlehem Twp	-	-	0.03	-	-
71.4	012116_GM_1001_E_IN	PIPE	40.636128	-75.279471	Northampton	Bethlehem Twp	-	-	0.01	-	-
71.7	010615_JC_1002_E_MI	PIPE	40.631975	-75.277520	Northampton	Lower Saucon Twp	-	-	0.01	-	-
72.1	040318_WA_1000_P_MI	FLACT, PIPE	40.628502	-75.272379	Northampton	Lower Saucon Twp	-	0.03	0.08	0.04	-



Milepost ¹	Watercourse ID ²	Subfacility Code ³	Latitude	Longitude	County ⁴	Municipality ⁴	Permanent Direct (acres) ⁵	Temporary Direct (acres) ⁵	Permanent Indirect (acres) ⁵	Temporary Indirect (acres) ⁵	Pipe Length ⁶
72.1	092614_GO_1001_P_MI	FLACT, PIPE	40.628373	-75.272134	Northampton	Lower Saucon Twp	-	0.04	0.12	0.06	-
72.4	040318_WA_1001_I_MI	FLACT, PIPE	40.625788	-75.267975	Northampton	Lower Saucon Twp	-	0.03	0.03	0.00	-
72.4	031918_WA_1003_I_MI	FLACT, PIPE	40.625754	-75.267798	Northampton	Lower Saucon Twp	-	0.04	0.12	0.06	-
72.5	031918_WA_1000_P_MI	FLACT, PIPE	40.625349	-75.266954	Northampton	Lower Saucon Twp	-	0.04	0.11	0.06	-
72.5	051415_JC_1006_E_MI	FLACT, PIPE	40.625087	-75.266321	Northampton	Williams Twp	-	0.09	0.28	0.17	-
72.5	051415_JC_1005_P_IN	FLACT, PIPE	40.624342	-75.264894	Northampton	Williams Twp	-	0.13	0.11	0.03	-
72.6	012016_GM_1001_I_MI	FLACT, PIPE	40.623907	-75.264118	Northampton	Williams Twp	-	0.01	0.00	0.01	-
72.6	102715_WA_1001_P_MI - 1	FLACT, PIPE	40.623853	-75.264152	Northampton	Williams Twp	-	0.14	0.42	0.15	-
72.7	102715_WA_1001_P_MI - 2	PIPE	40.622647	-75.262633	Northampton	Williams Twp	-	-	0.02	0.01	-
72.7	012016_GM_1003_I_MI	FLACT	40.623831	-75.263938	Northampton	Williams Twp	-	0.00	-	0.00	-
72.7	012016_GM_1002_I_MI	FLACT, PIPE	40.623713	-75.263907	Northampton	Williams Twp	-	0.03	0.01	0.02	-
72.7	102715_WA_1001_I_MI	FLACT, PIPE	40.623170	-75.263291	Northampton	Williams Twp	-	0.04	0.13	0.05	-
72.7	102715_WA_1002_I_MI	FLACT, PIPE	40.623072	-75.263168	Northampton	Williams Twp	-	0.02	0.06	0.04	-
72.8	042815_JC_1005_I_MI	FLACT, PIPE	40.621954	-75.261760	Northampton	Williams Twp	-	0.04	0.13	0.07	-
73	042815_JC_1001_E_MI	FLACT, PIPE	40.620310	-75.259908	Northampton	Williams Twp	-	0.06	0.19	0.13	-
73.6R2	042117_GM_1003_P_MI	FLACT, PIPE	40.619979	-75.249033	Northampton	Williams Twp	-	0.04	0.12	0.06	-
73.6R2	042117_GM_1001_P_MI	FLACT, PIPE	40.619979	-75.248304	Northampton	Williams Twp	-	0.04	0.13	0.07	-
73.6R2	042418_WA_1005_P_MI	FLACT, PIPE	40.619979	-75.248248	Northampton	Williams Twp	-	0.02	0.06	0.04	-
73.7R2	042418_WA_1004_P_MI	FLACT, PIPE	40.619977	-75.246728	Northampton	Williams Twp	-	0.04	0.13	0.07	-
73.7R2	042418_WA_1003_P_MI	FLACT	40.620095	-75.246668	Northampton	Williams Twp	-	0.00	-	0.00	-
73.7R2	042418_WA_1002_I_MI - 2	FLACT, PIPE	40.619977	-75.246412	Northampton	Williams Twp	-	0.03	0.09	0.03	-
73.7R2	042418_WA_1002_I_MI - 1	PIPE	40.619897	-75.246774	Northampton	Williams Twp	-	-	-	0.00	-
74.6	091814_MK_1009_P_IM	FLACT, PIPE	40.608674	-75.233521	Northampton	Williams Twp	-	0.03	0.09	0.05	-
74.9	062415_BT_1001_P_MI	FLACT, PIPE	40.606894	-75.229171	Northampton	Williams Twp	-	0.08	0.24	0.13	-
74.9	062415_BT_1002_I_MI	FLACT, PIPE	40.606889	-75.229400	Northampton	Williams Twp	-	0.02	0.01	0.01	-
75.1	122016_LZ_1001_P_MI	FLACT, PIPE	40.605250	-75.226333	Northampton	Williams Twp	-	0.04	0.13	0.07	-
75.2	042418_WA_1000_P_MI	FLACT, PIPE	40.604865	-75.226205	Northampton	Towamensing Twp	-	0.03	0.01	0.01	-
75.7	111314_JC_1003_E_MI	FLACT, PIPE	40.601787	-75.219056	Northampton	Williams Twp	-	0.00	0.00	0.00	-
75.7	111314_JC_1002_I_MI	FLACT, PIPE	40.601783	-75.219050	Northampton	Williams Twp	-	0.04	0.14	0.07	-
75.7	111314_JC_1001_I_MI	FLACT, PIPE	40.601426	-75.218445	Northampton	Williams Twp	-	0.03	0.11	0.04	-

Hellertown Lateral											
0.3	062218_WA_1002_P_IN	FLACT, PIPE	40.629789	-75.281329	Northampton	Lower Saucon Twp	-	0.03	0.09	0.06	20

Access Roads
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. 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.



Milepost ¹	Watercourse ID ²	Subfacility Code ³	Latitude	Longitude	County ⁴	Municipality ⁴	Permanent Direct (acres) ⁵	Temporary Direct (acres) ⁵	Permanent Indirect (acres) ⁵	Temporary Indirect (acres) ⁵	Pipe Length ⁶
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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.



Subfacility Tables - Lacustrine Resources in Northampton County

Milepost ¹	Watercourse ID ²	Subfacility Code ³	Latitude	Longitude	County ⁴	Municipality ⁴	Permanent Direct (acres) ⁵	Temporary Direct (acres) ⁵	Permanent Indirect (acres) ⁵	Temporary Indirect (acres) ⁵	Pipe Length ⁶
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. 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.
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.