

PennEast Pipeline Project
Phase 1 Wetland Impact Table
Delaware River Basin

MP ¹	County ²	Latitude ³	Longitude ³	Wetland ID ⁴	Cowardin Classification ⁵	USGS HUC-8 Watershed	Anticipated Resource Value Classification ⁶	Crossing Length ⁷	Temp Impact Acreage ⁸	Acreage of PFO and PSS Conversion Within 30-foot Maintained ROW ⁹	Acreage of Permanent Fill ¹⁰	Total Impact Acreage	Pipeline Crossing Method ¹¹	Proposed Equipment Crossing Method	Total Acres Delineated	HGM Code ¹²	Class of Aquatic Resources Section 10 or 404	Impact Type T or P ¹³	
PennEast Mainline Route Pipeline (Phase 1 - Delaware River Basin)																			
14.7	Luzerne	41.232205	-75.752559	042417_GM_1001_PFO	PFO1	Lehigh	Exceptional (iii)	31	0.025	0.018	-	0.043	CL - Open Cut	Matted	0.178	RIVERINE	404	P	
15	Luzerne	41.229655	-75.749365	043015_JC_1001_PFO	PFO1	Lehigh	Exceptional (iii)	34	0.029	0.027	-	0.056	CL - Open Cut	Matted	0.410	SLOPE	404	P	
15	Luzerne	41.229800	-75.749688	043015_JC_1001_PEM - 1	PEM1	Lehigh	Exceptional (iii)	11	0.001	-	-	0.001	N/A - Workspace	Matted	0.116	RIVERINE	404	T	
15	Luzerne	41.229630	-75.749473	043015_JC_1001_PEM - 2	PEM1	Lehigh	Exceptional (iii)	92	0.008	-	-	0.008	N/A - Workspace	Matted	0.116	RIVERINE	404	T	
16.2	Luzerne	41.217227	-75.733371	112114_JC_003A_PSS - 1	PSS1	Lehigh	Other	150	0.161	0.103	-	0.264	CL - Open Cut	Matted	1.191	RIVERINE	404	P	
16	Luzerne	41.218772	-75.735831	112114_JC_003B_PFO - 1	PFO1	Lehigh	Other	646	0.616	0.442	-	1.058	CL - Open Cut	Matted	1.960	SLOPE	404	P	
16.1	Luzerne	41.217366	-75.733870	112114_JC_003B_PFO - 2	PFO1	Lehigh	Other	14	0.003	-	-	0.003	N/A - Workspace	Matted	1.960	SLOPE	404	T	
16.2	Luzerne	41.217306	-75.733786	112114_JC_003B_PFO - 3	PFO1	Lehigh	Other	27	0.004	-	-	0.004	N/A - Workspace	Matted	1.960	SLOPE	404	T	
16.2	Luzerne	41.217361	-75.733585	112114_JC_003B_PSS - 1	PSS1	Lehigh	Other	27	0.003	0.009	-	0.012	N/A - Workspace	Matted	1.219	SLOPE	404	P	
16.4	Luzerne	41.215455	-75.730569	112114_JC_002_PSS	PSS1	Lehigh	Other	71	0.100	0.048	-	0.148	CL - Open Cut	Matted	0.409	RIVERINE	404	P	
16.4	Luzerne	41.215373	-75.730334	112114_JC_002_PEM	PEM1	Lehigh	Other	38	0.002	-	-	0.002	N/A - Workspace	Matted	0.070	RIVERINE	404	T	
16.8	Luzerne	41.211214	-75.723831	112014_JC_002_PFO	PFO4	Lehigh	Other	253	0.179	0.154	-	0.333	CL - Open Cut	Matted	1.574	SLOPE	404	P	
16.8	Luzerne	41.210961	-75.723339	112014_JC_002_PEM	PEM1	Lehigh	Other	278	0.035	-	-	0.035	N/A - Workspace	Matted	0.344	SLOPE	404	T	
17.7	Luzerne	41.202828	-75.711320	112014_JC_001_PFO	PFO1	Lehigh	Exceptional (iii, iv)	329	0.293	0.227	-	0.520	CL - Open Cut	Matted	0.663	SLOPE	404	P	
17.8	Luzerne	41.202849	-75.711255	112014_JC_001_PEM	PEM1	Lehigh	Exceptional (iii)	3	0.001	-	-	0.001	N/A - Workspace	Matted	0.220	SLOPE	404	T	
19.7	Luzerne	41.178122	-75.696743	121614_JC_001_PEM	PEM1	Lehigh	Exceptional (iii)	34	0.001	-	-	0.001	N/A - Workspace	Matted	0.629	SLOPE	404	T	
19.6	Luzerne	41.179513	-75.696593	121614_JC_001_PFO - 1	PFO4	Lehigh	Exceptional (iii)	40	0.038	0.028	-	0.066	CL - Open Cut	Matted	0.991	SLOPE	404	P	
19.7	Luzerne	41.178672	-75.696555	121614_JC_001_PFO - 2	PFO4	Lehigh	Exceptional (iii)	170	0.163	0.116	-	0.279	CL - Open Cut	Matted	0.991	SLOPE	404	P	
22.7	Luzerne	41.135683	-75.689330	102115_WA_003_PFO	PFO1	Lehigh	Other	27	0.016	0.003	-	0.019	N/A - Workspace	Matted	0.114	SLOPE	404	P	
24.2	Carbon	41.115643	-75.678725	110614_JC_004_PSS - 1	PSS1	Lehigh	Other	192	0.083	-	-	0.083	N/A - Workspace	Matted	2.267	DEPRESS	404	T	
24.3	Carbon	41.114476	-75.677936	110614_JC_004_PSS - 2	PSS1	Lehigh	Other	44	0.015	-	-	0.015	N/A - Workspace	Matted	2.267	DEPRESS	404	T	
24.3	Carbon	41.113819	-75.677797	082219_MU_1006_PEM	PEM1	Lehigh	Other	34	0.004	-	-	0.004	N/A - Workspace	Matted	0.013	DEPRESSIONAL	404	T	
24.5	Carbon	41.111399	-75.675920	110614_JC_002B_PFO	PFO1	Lehigh	Other	26	0.008	-	-	0.008	N/A - Workspace	Matted	0.032	SLOPE	404	T	
26.4	Carbon	41.086119	-75.662258	102114_JC_001B_PFO	PFO1	Lehigh	Exceptional (i, iii)	26	0.014	0.018	-	0.032	CL - Open Cut	Matted	0.046	SLOPE	404	P	
26.7	Carbon	41.081862	-75.659884	102114_JC_001A_PSS - 1	PSS1	Lehigh	Exceptional (i, iii)	186	0.013	-	-	0.013	CL - Open Cut	Matted	0.617	SLOPE	404	T	
26.9R2	Carbon	41.080958	-75.658755	102114_JC_001_PEM - 5	PEM1	Lehigh	Exceptional (i, iii)	26	-	-	-	-	CL - HDD	N/A	2.840	RIVERINE	404	T	
26.9R2	Carbon	41.081509	-75.659634	102114_JC_001A_PSS - 3	PSS1	Lehigh	Exceptional (i, iii)	10	0.008	-	-	0.008	CL - Open Cut	Matted	0.617	SLOPE	404	T	
26.4	Carbon	41.086005	-75.662304	102114_JC_001_PEM - 1	PEM1	Lehigh	Exceptional (i, iii)	89	0.017	-	-	0.017	N/A - Workspace	Matted	2.840	SLOPE	404	T	
26.5	Carbon	41.085284	-75.661901	102114_JC_001_PEM - 2	PEM1	Lehigh	Exceptional (i, iii)	78	0.222	-	-	0.222	CL - Open Cut	Matted	2.840	SLOPE	404	T	
26.7	Carbon	41.081699	-75.659664	102114_JC_001_PEM - 3	PEM1	Lehigh	Exceptional (i, iii)	23	0.146	-	-	0.146	N/A - Workspace	Matted	2.840	SLOPE	404	T	
27R2	Carbon	41.080732	-75.658596	102314_JC_004_PEM	PEM1	Lehigh	Exceptional (ii, iii)	187	-	-	-	-	CL - HDD	N/A	1.340	SLOPE	404	T	
27.1R2	Carbon	41.079456	-75.657718	102314_JC_002_PFO - 1	PFO1	Lehigh	Exceptional (i, iii)	8	-	-	-	-	CL - HDD	N/A	0.589	DEPRESS	404	T	
27.1R2	Carbon	41.079359	-75.657651	102314_JC_002_PFO - 2	PFO1	Lehigh	Exceptional (i, iii)	66	-	-	-	-	CL - HDD	N/A	0.589	DEPRESS	404	T	
27.1R2	Carbon	41.078919	-75.657349	102314_JC_002_PSS	PSS3	Lehigh	Exceptional (i, iii)	1432	-	-	-	-	CL - HDD	N/A	14.896	DEPRESS	404	T	
29.6R2	Carbon	41.051670	-75.629090	042415_JC_1005_PEM	PEM1	Lehigh	Other	824	0.109	-	-	0.109	N/A	Matted	0.678	SLOPE	404	T	
29.6R2	Carbon	41.053412	-75.629399	050115_JC_1001_PFO	PFO4	Lehigh	Other	841	0.805	0.519	-	1.324	CL - Open Cut	Matted	6.728	DEPRESS	404	P	
30.4R2	Carbon	41.042392	-75.627013	042415_JC_1003_PSS	PSS3	Lehigh	Other	93	0.013	0.053	-	0.066	CL - Open Cut	Matted	0.077	SLOPE	404	P	
31.1R2	Carbon	41.031110	-75.624712	042415_JC_1002_PEM	PEM1	Lehigh	Exceptional (iii)	1178	0.152	-	-	0.152	CL - Open Cut	Matted	1.042	SLOPE	404	T	
31R2	Carbon	41.033405	-75.625141	042415_JC_1001_PFO	PFO4	Lehigh	Exceptional (iii)	1679	1.499	0.995	-	2.494	CL - Open Cut	Matted	11.815	SLOPE	404	P	
32.6R3	Carbon	41.011968	-75.616020	110316_GM_1001_PFO	PFO4	Lehigh	Exceptional (iii)	7	0.025	0.012	-	0.037	CL - Open Cut	Matted	0.636	DEPRESS	404	P	
32.5R2	Carbon	41.011952	-75.616033	110316_GM_1001_PEM - 1	PEM1	Lehigh	Exceptional (iii)	57	0.046	-	-	0.046	CL - Open Cut	Matted	0.853	DEPRESS	404	T	
32.7R3	Carbon	41.009635	-75.615419	110316_GM_1001_PEM - 2	PEM1	Lehigh	Exceptional (iii)	142	0.003	-	-	0.003	N/A - Workspace	Matted	0.853	DEPRESS	404	T	
32.8R3	Carbon	41.008848	-75.615244	110316_GM_1001_PEM - 3	PEM1	Lehigh	Exceptional (iii)	9	0.032	-	-	0.032	CL - Open Cut	Matted	0.853	DEPRESS	404	T	
33.6R3	Carbon	40.996553	-75.611518	042115_JC_1003_PFO	PFO1	Lehigh	Exceptional (iii)	159	0.259	0.014	-	0.273	N/A - Workspace	Matted	1.484	SLOPE	404	P	
34.7R2	Carbon	40.983453	-75.619842	042315_JC_1002_PEM	PEM1	Lehigh	Exceptional (i, iii)	100	0.107	-	-	0.107	N/A - Workspace	Matted	0.518	SLOPE	404	T	
34.7R2	Carbon	40.984455	-75.619152	042315_JC_1001_PFO - 1	PFO4	Lehigh	Exceptional (i, iii)	968	0.830	0.646	-	1.476	CL - Open Cut	Matted	8.249	SLOPE	404	P	
34.8R3	Carbon	40.981068	-75.621210	042315_JC_1001_PFO - 2	PFO4	Lehigh	Exceptional (i, iii)	25	0.067	0.018	-	0.085	CL - Open Cut	Matted	8.249	SLOPE	404	P	
35.4	Carbon	40.972313	-75.626340	042315_JC_1004_PFO	PFO4	Lehigh	Other	92	0.028	0.013	-	0.041	CL - Open Cut	Matted	0.164	SLOPE	404	P	
35.5	Carbon	40.970058	-75.627400	010716_GM_1001_VP	PEM2	Lehigh	Other	38	0.011	-	-	0.011	N/A - Workspace	Matted	0.029	DEPRESS	404	T	

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35.9	Carbon	40.964352	-75.629117	060117_MB_1001_PFO - 1	PFO1	Lehigh	Exceptional (ii, iii)	40	0.058	0.004	-	0.062	CL - Open Cut	Matted	3.886	RIVERINE	404	P
36	Carbon	40.964075	-75.629276	060117_MB_1001_PFO - 2	PFO1	Lehigh	Exceptional (ii, iii)	267	0.279	0.183	-	0.462	CL - Open Cut	Matted	3.886	RIVERINE	404	P
36	Carbon	40.963439	-75.629484	060117_MB_1001_PEM	PEM1	Lehigh	Exceptional (ii, iii)	180	0.014	-	-	0.014	N/A - Workspace	Matted	0.809	RIVERINE	404	T
36.1	Carbon	40.961855	-75.629758	060217_MB_1001_PEM	PEM1	Lehigh	Exceptional (ii, iii)	76	0.005	-	-	0.005	N/A - Workspace	Matted	0.393	DEPRESS	404	T
36.1	Carbon	40.962413	-75.629560	060217_MB_1001_PFO	PFO1	Lehigh	Exceptional (i, ii, iii)	229	0.233	0.156	-	0.389	CL - Open Cut	Matted	1.884	DEPRESS	404	P
36.5R3	Carbon	40.955991	-75.630704	050615_JC_1001_PFO - 1	PFO1	Lehigh	Exceptional (i, ii, iii)	37	0.059	0.023	-	0.082	CL - Open Cut	Matted	5.065	DEPRESS	404	P
36.6R3	Carbon	40.955700	-75.630753	050615_JC_1001_PFO - 2	PFO1	Lehigh	Exceptional (i, ii, iii)	1088	1.080	0.747	-	1.827	CL - Open Cut	Matted	5.065	DEPRESS	404	P
37.1R3	Carbon	40.947776	-75.632411	061615_DB_1002_PFO	PFO1	Lehigh	Exceptional (iii)	341	0.347	0.235	-	0.582	CL - Open Cut	Matted	2.066	SLOPE	404	P
37.5	Carbon	40.943342	-75.634640	061615_DB_1001_PEM	PEM1	Lehigh	Exceptional (iii)	53	0.011	-	-	0.011	N/A - Workspace	Matted	0.173	SLOPE	404	T
41.2	Carbon	40.903032	-75.599681	020117_GM_1006_PFO	PFO1	Lehigh	Exceptional (iii)	72	0.066	0.050	-	0.116	CL - Open Cut	Matted	0.888	RIVERINE	404	P
41.5	Carbon	40.901988	-75.594120	020117_GM_1001_PUB	PEM2	Lehigh	Other	42	0.047	-	-	0.047	CL - Open Cut	Matted	0.104	DEPRESS	404	T
44.8R2	Carbon	40.874330	-75.544486	041018_WA_002_PSS	PSS1	Lehigh	Exceptional (iii)	8	0.008	0.006	-	0.014	CL - Open Cut	Matted	0.060	RIVERINE	404	P
45R2	Carbon	40.872167	-75.541762	052915_JC_1001_PEM	PEM1	Lehigh	Exceptional (iii)	30	0.039	-	-	0.039	CL - Open Cut	Matted	0.174	SLOPE	404	T
45.6	Carbon	40.865673	-75.538076	051115_JC_1001_PEM	PEM1	Lehigh	Exceptional (iii)	53	0.034	-	-	0.034	CL - Open Cut	Matted	0.241	SLOPE	404	T
48.1	Carbon	40.837834	-75.509004	090914_WA_001_PSS	PSS1	Lehigh	Exceptional (iii)	55	0.024	0.036	-	0.060	CL - Open Cut	Matted	0.221	SLOPE	404	P
48.1	Carbon	40.837151	-75.508766	090914_WA_002_PSS	PSS1	Lehigh	Exceptional (iii)	23	0.011	0.013	-	0.024	CL - Open Cut	Matted	0.024	SLOPE	404	P
49.3R3	Carbon	40.824437	-75.499273	041117_GM_1001_PFO	PFO4	Lehigh	Exceptional (i, iii)	142	-	-	-	-	CL - Bore	-	1.116	RIVERINE	404	T
49.3R3	Carbon	40.824278	-75.499222	041117_GM_1001_PSS	PSS1	Lehigh	Exceptional (i, iii)	116	-	-	-	-	CL - Bore	-	1.027	RIVERINE	404	T
50.6R3	Carbon	40.821738	-75.479226	072618_WA_001_PEM	PEM1	Lehigh	Exceptional (iii)	61	0.087	-	-	0.087	CL - Open Cut	Matted	0.435	SLOPE	404	T
50.6R3	Carbon	40.821624	-75.479458	072618_WA_002_PEM	PEM2	Lehigh	Exceptional (iii)	16	0.001	-	-	0.001	N/A - Workspace	Matted	0.041	SLOPE	404	T
52.4R3	Northampton	40.804727	-75.473003	040517_GM_1001_PFO	PFO1	Lehigh	Other	40	0.012	0.026	-	0.038	CL - Open Cut	Matted	0.087	DEPRESS	404	P
52.4R3	Northampton	40.804673	-75.472930	040517_GM_1001_PEM	PEM1	Lehigh	Other	14	0.001	-	-	0.001	N/A - Workspace	Matted	0.002	DEPRESS	404	T
52.5R3	Northampton	40.804172	-75.473033	040617_GM_1001_PFO	PFO1	Lehigh	Exceptional (iii)	51	0.032	0.028	-	0.060	CL - Open Cut	Matted	0.060	SLOPE	404	P
52.5R3	Northampton	40.804035	-75.472952	040617_GM_1001_PEM	PEM1	Lehigh	Exceptional (iii)	3	0.002	-	-	0.002	N/A - Workspace	Matted	0.025	SLOPE	404	T
52.5R3	Northampton	40.803757	-75.473036	052918_WA_004_PFO	PFO1	Lehigh	Exceptional (ii, iii)	70	0.039	0.032	-	0.071	CL - Open Cut	Matted	0.429	DEPRESS	404	P
52.5R3	Northampton	40.802981	-75.473041	052918_WA_005_PEM	PEM1	Lehigh	Exceptional (ii, iii)	6	0.004	-	-	0.004	CL - Open Cut	Matted	0.011	DEPRESS	404	T
52.5R3	Northampton	40.802869	-75.473042	052918_WA_003_PFO	PFO1	Lehigh	Exceptional (ii, iii)	87	0.068	0.050	-	0.118	CL - Open Cut	Matted	0.725	SLOPE	404	P
52.6R3	Northampton	40.802353	-75.473375	052918_WA_007_PUB	PEM2	Lehigh	Exceptional (ii, iii)	35	0.036	-	-	0.036	N/A - Workspace	Matted	0.062	RIVERINE	404	T
52.6R3	Northampton	40.802223	-75.473325	052918_WA_008_PUB	PEM2	Lehigh	Exceptional (ii, iii)	17	-	-	-	-	CL - Bore	Matted	0.121	RIVERINE	404	T
52.7R3	Northampton	40.800823	-75.473953	080917_WA_003_PEM	PEM1	Lehigh	Exceptional (ii, iii)	13	0.017	-	-	0.017	CL - Open Cut	Matted	0.031	DEPRESS	404	T
52.7R3	Northampton	40.800562	-75.474071	080917_WA_002_PEM - 1	PEM1	Lehigh	Exceptional (i, iii)	5	0.016	-	-	0.016	N/A - Workspace	Matted	0.606	DEPRESS	404	T
52.7R3	Northampton	40.800190	-75.474300	080917_WA_002_PEM - 2	PEM1	Lehigh	Exceptional (i, iii)	22	0.038	-	-	0.038	CL - Open Cut	Matted	0.606	DEPRESS	404	T
52.8R3	Northampton	40.799863	-75.474397	080917_WA_002_PEM - 3	PEM1	Lehigh	Exceptional (i, iii)	6	0.0010	-	-	0.0010	N/A - Workspace	N/A	0.606	DEPRESS	404	T
52.8R3	Northampton	40.799653	-75.474566	080917_WA_002_PSS	PSS1	Lehigh	Exceptional (i, iii)	17	0.035	0.010	-	0.045	CL - Open Cut	Matted	0.217	DEPRESS	404	P
52.8R3	Northampton	40.799562	-75.474498	110217_WA_001_PSS	PSS1	Lehigh	Exceptional (i, iii)	19	0.005	-	-	0.005	N/A - Workspace	N/A	0.107	RIVERINE	404	T
52.9R3	Northampton	40.798544	-75.474989	110217_WA_005_PFO - 1	PFO1	Lehigh	Exceptional (i, iii)	55	0.420	0.028	-	0.448	CL - Open Cut	Matted	1.129	DEPRESS	404	P
52.9R3	Northampton	40.798072	-75.475260	110217_WA_005_PFO - 2	PFO1	Lehigh	Exceptional (i, iii)	25	0.004	0.002	-	0.006	CL - Open Cut	Matted	1.129	DEPRESS	404	P
52.9R3	Northampton	40.797778	-75.475401	110217_WA_005_PFO - 3	PFO1	Lehigh	Exceptional (i, iii)	18	0.003	0.001	-	0.004	N/A - Workspace	Matted	1.129	DEPRESS	404	P
52.9R3	Northampton	40.797669	-75.475216	110217_WA_006_PEM	PEM1	Lehigh	Exceptional (ii, iii)	12	0.013	-	-	0.013	N/A - Workspace	Matted	0.299	DEPRESS	404	T
52.9R3	Northampton	40.797565	-75.47511	110217_WA_007_PEM	PEM1	Lehigh	Exceptional (ii, iii)	2	0.001	-	-	0.001	N/A - Workspace	N/A	0.086	RIVERINE	404	T
53.1R3	Northampton	40.795645	-75.476254	110217_WA_008_PEM	PEM1	Lehigh	Other	7	-	-	-	-	CL - Bore	Matted	0.088	DEPRESS	404	T
53.2R3	Northampton	40.793819	-75.476184	080917_WA_001_PEM - 1	PEM1	Lehigh	Exceptional (iii)	10	0.023	-	-	0.023	CL - Open Cut	Matted	0.918	DEPRESS	404	T
53.3R3	Northampton	40.792700	-75.475975	080917_WA_001_PEM - 2	PEM1	Lehigh	Exceptional (iii)	154	0.137	-	-	0.137	CL - Open Cut	Matted	0.918	DEPRESS	404	T
53.3R3	Northampton	40.792094	-75.476108	050217_MB_1002_PEM	PEM1	Lehigh	Exceptional (iii)	12	0.005	-	-	0.005	CL - Open Cut	Matted	0.051	DEPRESS	404	T
53.4R3	Northampton	40.791397	-75.476161	050217_MB_1004_PFO	PFO1	Lehigh	Exceptional (iii)	7	0.002	0.001	-	0.003	N/A - Workspace	Matted	0.333	DEPRESS	404	P
53.4R3	Northampton	40.790966	-75.475846	050217_MB_1001_PEM	PEM1	Lehigh	Exceptional (iii)	44	0.040	-	-	0.040	CL - Open Cut	Matted	0.173	RIVERINE	404	T
55.9	Northampton	40.780070	-75.457070	081815_MK_042_PEM - 1	PEM1	Lehigh	Exceptional (iii)	53	-	-	-	-	CL - Bore	Matted	0.560	DEPRESS	404	T
56	Northampton	40.779828	-75.456993	062218_WA_001_PFO	PFO1	Lehigh	Exceptional (iii)	340	0.487	0.223	-	0.710	CL - Open Cut	Matted	2.310	SLOPE	404	P
56	Northampton	40.779732	-75.456763	062218_WA_001_PEM - 1	PEM1	Lehigh	Exceptional (iii)	96	0.132	-	-	0.132	N/A - Workspace	Matted	0.228	DEPRESS	404	T
56	Northampton	40.779378	-75.456448	062218_WA_001_PEM - 2	PEM1	Lehigh	Exceptional (iii)	19	0.009	-	-	0.009	N/A - Workspace	Matted	0.228	DEPRESS	404	T

PennEast Pipeline Project
Phase 1 Wetland Impact Table
Delaware River Basin

MP ¹	County ²	Latitude ³	Longitude ³	Wetland ID ⁴	Cowardin Classification ⁵	USGS HUC-8 Watershed	Anticipated Resource Value Classification ⁶	Crossing Length ⁷	Temp Impact Acreage ⁸	Acreage of PFO and PSS Conversion Within 30-foot Maintained ROW ⁹	Acreage of Permanent Fill ¹⁰	Total Impact Acreage	Pipeline Crossing Method ¹¹	Proposed Equipment Crossing Method	Total Acres Delineated	HGM Code ¹²	Class of Aquatic Resources Section 10 or 404	Impact Type T or P ¹³
56.6	Northampton	40.772600	-75.448817	052218_WA_002_PEM	PEM1	Lehigh	Exceptional (iii)	62	0.007	-	-	0.007	N/A - Workspace	Matted	0.211	SLOPE	404	T
56.6	Northampton	40.772464	-75.448984	101717_AB_1001_PEM	PEM1	Lehigh	Exceptional (iii)	1	0.001	-	-	0.001	N/A - Workspace	Matted	0.004	SLOPE	404	T
56.7	Northampton	40.772166	-75.448663	050417_GM_1003_PEM	PEM1	Lehigh	Exceptional (iii)	14	0.001	-	-	0.001	CL - Open Cut	Matted	0.009	DEPRESS	404	T
56.7	Northampton	40.771851	-75.448423	050417_GM_1002_PEM	PEM1	Lehigh	Exceptional (iii)	37	0.050	-	-	0.050	CL - Open Cut	Matted	0.106	DEPRESS	404	T
58.5	Northampton	40.755192	-75.423015	052218_WA_003_PEM	PEM1	Lehigh	Exceptional (iii)	42	0.031	-	-	0.031	CL - Open Cut	Matted	0.159	RIVERINE	404	T
59.2	Northampton	40.747440	-75.413599	090414_DB_008_PEM	PEM1	Lehigh	Exceptional (iii)	37	0.043	-	-	0.043	CL - Open Cut	Matted	0.085	SLOPE	404	T
60.6	Northampton	40.735842	-75.392664	090314_DB_004_PEM	PEM1	Lehigh	Exceptional (iii)	58	0.057	-	-	0.057	CL - Open Cut	Matted	0.119	SLOPE	404	T
62.8R3	Northampton	40.725897	-75.356757	041119_DHB_001_PEM	PEM1	Lehigh	Exceptional (iii)	208	0.231	-	-	0.231	CL - Open Cut	Matted	0.391	DEPRESSIONAL	404	T
62.8R3	Northampton	40.725897	-75.356757	041119_DHB_001_PEM	PEM1	Lehigh	Exceptional (iii)	208	0.231	-	-	0.231	CL - Open Cut	Matted	0.391	SLOPE	404	T
64.3R2	Northampton	40.716599	-75.334140	042815_JC_1003_PEM	PEM1	Lehigh	Other	37	0.017	-	-	0.017	N/A - Workspace	Matted	0.136	DEPRESS	404	T
Kidder Compressor Station (Phase 1 - Delaware River Basin)																		
26.6	Carbon	41.082210	-75.665297	112414_JC_004_PEM	PEM1	Lehigh	Other	49	-	-	0.022	0.022	N/A	N/A	0.022	Slsn	404	P
26.6	Carbon	41.081747	-75.664910	112414_JC_004_MOSAIC	PEM1/PFO1	Lehigh	Other	68	-	-	0.024	0.024	N/A	N/A	0.138	Slsn	404	P
26.6	Carbon	41.081964	-75.665921	082515_BT_004_PEM	PEM1	Lehigh	Other	40	-	-	0.005	0.005	N/A	N/A	0.005	DEPRESS	404	P
26.7	Carbon	41.081894	-75.663131	082515_BT_003_PEM	PEM1	Lehigh	Other	41	-	-	0.009	0.009	N/A	N/A	0.009	DEPRESS	404	P
26.7	Carbon	41.081012	-75.663856	112414_JC_004_PFO - 1	PFO1	Lehigh	Other	95	-	0.083	-	0.083	N/A	N/A	0.925	Slsg	404	P
26.7	Carbon	41.080536	-75.664033	112414_JC_004_PFO - 2	PFO1	Lehigh	Other	69	-	0.005	-	0.0050	N/A	N/A	0.925	Slsg	404	P
26.8R2	Carbon	41.081632	-75.659831	102114_JC_001A_PSS - 2	PSS1	Lehigh	Exceptional (i, iii)	54	0.068	0.001	-	0.069	CL - Open Cut	Matted	0.617	SLOPE	404	P
26.8R2	Carbon	41.081670	-75.659739	102114_JC_001_PEM - 4	PEM1	Lehigh	Exceptional (i, iii)	7	-	-	-	-	CL - Open Cut	Matted	2.840	SLOPE	404	T
26.8R2	Carbon	41.081424	-75.660624	102114_JC_001_PFO	PFO1	Lehigh	Exceptional (i, iii)	73	-	0.084	-	0.084	CL - Open Cut	Matted	2.704	RIVERINE	404	P
AR-031C (Phase 1 - Delaware River Basin)																		
15.9	Luzerne	41.220433	-75.736918	042417_GM_1002_PSS	PSS1	Lehigh	Other	262	0.179	-	-	0.179	-	Matted	0.739	DEPRESS	404	T
15.9	Luzerne	41.220446	-75.736999	042417_GM_1002_PEM	PEM1	Lehigh	Other	38	0.007	-	-	0.007	-	Matted	0.044	DEPRESS	404	T
16.2	Luzerne	41.217763	-75.733040	112114_JC_003A_PSS - 2	PSS1	Lehigh	Other	121	0.073	-	-	0.073	-	Matted	1.191	RIVERINE	404	T
16.1	Luzerne	41.218207	-75.733890	112114_JC_003B_PSS - 2	PSS1	Lehigh	Other	21	0.009	-	-	0.009	-	Matted	1.219	SLOPE	404	T
16.1	Luzerne	41.217886	-75.733472	112114_JC_003B_PSS - 3	PSS1	Lehigh	Other	24	0.016	-	-	0.016	-	Matted	1.219	SLOPE	404	T
16.4	Luzerne	41.215737	-75.729729	112114_JC_002A_PSS - 1	PSS1	Lehigh	Other	149	0.103	-	-	0.103	-	Matted	0.882	SLOPE	404	T
16.4	Luzerne	41.215429	-75.729225	112114_JC_002A_PSS - 2	PSS1	Lehigh	Other	49	0.012	-	-	0.012	-	Matted	0.882	SLOPE	404	T
16.8	Luzerne	41.211532	-75.723194	112014_JC_002_PSS	PSS1	Lehigh	Other	209	0.141	-	-	0.141	-	Matted	0.986	SLOPE	404	T
17.7	Luzerne	41.203242	-75.710655	112014_JC_001_PSS	PSS1	Lehigh	Exceptional (iii)	365	0.259	-	-	0.259	-	Matted	1.789	DEPRESS	404	T
AR-033A (Phase 1 - Delaware River Basin)																		
22.5	Luzerne	41.138583	-75.685993	042517_GM_1001_PEM	PEM1	Lehigh	Exceptional (iii)	25	0.019	-	-	0.019	-	Matted	0.031	SLOPE	404	T
22.6	Luzerne	41.137962	-75.685797	042517_GM_1002_PEM	PEM1	Lehigh	Exceptional (iii)	16	0.002	-	-	0.002	-	Matted	0.003	SLOPE	404	T
AR-054 (Phase 1 - Delaware River Basin)																		
55.9	Northampton	40.780433	-75.456825	081815_MK_042_PEM - 2	PEM1	Lehigh	Exceptional (iii)	105	0.068	-	-	0.068	-	Matted	0.560	DEPRESS	404	T

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Phase 1 Wetland Impact Table
Delaware River Basin

MP ¹	County ²	Latitude ³	Longitude ³	Wetland ID ⁴	Cowardin Classification ⁵	USGS HUC-8 Watershed	Anticipated Resource Value Classification ⁶	Crossing Length ⁷	Temp Impact Acreage ⁸	Acreage of PFO and PSS Conversion Within 30-foot Maintained ROW ⁹	Acreage of Permanent Fill ¹⁰	Total Impact Acreage	Pipeline Crossing Method ¹¹	Proposed Equipment Crossing Method	Total Acres Delineated	HGM Code ¹²	Class of Aquatic Resources Section 10 or 404	Impact Type T or P ¹³
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- 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.
 - Source: PennDOT Pennsylvania county boundaries, dated 7/2018. Available at www.pasda.psu.edu.
 - Latitude and Longitude are in Decimal Degrees (dd) North American Datum 1983 (nad83).
 - 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.
 - 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.
 - Crossing widths are measured along the pipeline centerline, as applicable. In instances where the pipeline does not cross a wetland, crossing widths are measured within the workspace parallel to the pipeline or along the access road centerline, and the crossing length is shown in bold font.
 - Temporary impact acres include acreages of wetlands that will be impacted during project construction (within the 50-foot wide permanent easement, temporary workspace, and additional temporary workspace). This calculation excludes acreages of PFO and PSS wetlands that will be maintained as PEM wetlands within the 30-foot wide operational ROW, wetlands that will be filled, and wetlands that will be crossed under using HDD technology. Impacts have been rounded to 3 decimal places. Any impacts less than 0.0005 acre are rounded to 0.01. Where no temporary impacts are proposed, a "-" denotes no impacts to the wetland.
 - A 30' wide ROW will be maintained through PFO and PSS wetlands, resulting in the conversion of PFO and PSS to PEM wetlands.
 - Acreage of permanent fill within the wetland. Impacts have been rounded to 3 decimal places. Values of "-" denote that there will be no fill impacts associated with this wetland.
 - Wetlands that will be crossed by the pipeline are denoted as "CL – Open Cut", "CL – HDD", or "CL – Bore". "N/A – Workspace" denotes where wetlands will be impacted during construction when the wetland will not be crossed by the pipeline.
 - HGM Code based on Hydrogeomorphic Wetland Classification System (Brinson, 1993).
 - Impact Type = temporary or permanent

- Key:**
- AR = access road
 - CL = centerline
 - HDD = horizontal directional drill
 - N/A = not applicable
 - P = permanent
 - 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.
 - T = temporary