

Appendix B  
Tables

**Table B-1  
Field Identified Waterbodies – Pennsylvania**

Milepost	County <sup>1</sup>	Latitude <sup>2</sup>	Longitude <sup>2</sup>	Waterbody Name <sup>3</sup>	Waterbody ID <sup>4</sup>	FERC Class <sup>5,6</sup>	Stream Type <sup>7</sup>	Chapter 93 Designated or Existing Use <sup>8</sup>	Wild Trout <sup>9</sup>	STW <sup>10</sup>	Total Acres Delineated
<b>Penn East Main Line</b>											
0.2R3	Luzerne	41.345390	-75.943000	UNT to Trout Brook	050715_JC_1002_I_MI	Minor	I	CWF, MF	III	-	0.02
0.6	Luzerne	41.346266	-75.935553	Trout Brook	092414_GO_1001_P_IM	Int.	P	CWF, MF	III	-	0.12
1.4	Luzerne	41.341300	-75.921891	UNT to Trout Brook	032818_WA_1000_P_IN	Int.	P	CWF, MF	III	-	0.14
2.1	Luzerne	41.337692	-75.910682	UNT to Abrahams Creek	050416_DB_1001_I_MI	Minor	I	CWF, MF	-	-	0.01
2.6	Luzerne	41.331980	-75.904830	UNT to Abrahams Creek	011815_JC_1000_I_MI	Minor	I	CWF, MF	-	-	0.08
3.1	Luzerne	41.325592	-75.899549	UNT to Toby Creek	011815_JC_1001_P_MI	Minor	P	CWF, MF	III	-	0.06
3.1	Luzerne	41.325636	-75.899319	UNT to Toby Creek	011815_JC_1002_I_MI	Minor	I	CWF, MF	III	-	0.02
3.5	Luzerne	41.323042	-75.893061	UNT to Toby Creek	101717_AB_1001_I_MI	Minor	I	CWF, MF	III	-	0.05
4.2R2	Luzerne	41.322809	-75.879406	UNT to Abrahams Creek	020916_BT_1001_I_MI	Minor	I	CWF, MF	III	-	0.01
4.3R2	Luzerne	41.323032	-75.878851	UNT to Abrahams Creek	020916_BT_1002_I_MI	Minor	I	CWF, MF	III	-	0.00
4.3R2	Luzerne	41.322593	-75.878077	UNT to Abrahams Creek	020916_BT_1003_P_MI	Minor	P	CWF, MF	III	-	0.02
4.8R3	Luzerne	41.316178	-75.872476	UNT to Abrahams Creek	020916_BT_1008_I_MI	Minor	I	CWF, MF	III	-	0.01
4.9R3	Luzerne	41.315479	-75.871179	UNT to Abrahams Creek	020916_BT_1004_I_MI	Minor	I	CWF, MF	III	-	0.03
5R3	Luzerne	41.314893	-75.870987	UNT to Abrahams Creek	020916_BT_1005_I_MI	Minor	I	CWF, MF	III	-	0.00
5R3	Luzerne	41.313786	-75.869911	UNT to Abrahams Creek	020916_BT_1006_I_MI	Minor	I	CWF, MF	III	-	0.01
5R3	Luzerne	41.313764	-75.869575	UNT to Abrahams Creek	020916_BT_1007_I_MI	Minor	I	CWF, MF	III	-	0.07
5.6	Luzerne	41.310023	-75.859724	UNW	092314_GO_1003_POND_IM	Int.	Pond	CWF, MF	-	-	0.04
6	Luzerne	41.307933	-75.854121	UNT to Abrahams Creek	092314_GO_1001_I_MI	Minor	I	CWF, MF	-	-	0.02
6.1	Luzerne	41.306083	-75.850620	UNT to Susquehanna River	092414_GO_1003_P_IM	Int.	P	CWF, MF	-	-	0.47
6.1	Luzerne	41.307325	-75.852274	Abrahams Creek	092414_GO_1002_I_IN	Int.	I	CWF, MF	-	-	0.10
6.5R2	Luzerne	41.303787	-75.846638	UNT to Susquehanna River	110915_WA_1001_E_MI	Minor	E	CWF, MF	-	-	0.00
6.5R2	Luzerne	41.304077	-75.845822	UNT to Susquehanna River	110915_WA_1002_E_MI	Minor	E	CWF, MF	-	-	0.01
6.9	Luzerne	41.300929	-75.838477	Susquehanna River	102315_WA_1001_P_MA (1)	Major	P	WWF, MF	-	-	9.23
7	Luzerne	41.302896	-75.834354	Susquehanna River (Cofferdam crossing)	102315_WA_1001_P_MA (2)	Major	P	WWF, MF	-	-	5.74
9.7R2	Luzerne	41.279705	-75.811839	Gardner Creek	071416_GM_1001_P_IN	Int.	P	CWF, MF	-	-	0.27
9.7R2	Luzerne	41.279394	-75.811779	UNT to Gardner Creek	071416_GM_1002_E_IN	Int.	E	CWF, MF	-	-	0.03
10.1R2	Luzerne	41.274732	-75.808582	UNT to Mill Creek	050416_DB_1002_I_MI	Minor	I	CWF, MF	III	-	0.04
10.6R2	Luzerne	41.272911	-75.797673	UNT to Mill Creek	032818_WA_1002_E_MI	Minor	E	CWF, MF	III	-	0.01
10.8R2	Luzerne	41.266660	-75.800248	Mill Creek	110514_JC_1002_P_IM	Int.	P	CWF, MF	III	-	0.47
10.9R2	Luzerne	41.265908	-75.798316	UNT to Mill Creek	110514_JC_1003_E_MI	Minor	E	CWF, MF	III	-	0.02
11.5R2	Luzerne	41.260839	-75.791106	Deep Creek	121614_JC_1000_P_MI	Minor	P	CWF, MF	III	-	0.14
11.5R2	Luzerne	41.260508	-75.789580	UNT to Deep Creek	121614_JC_1001_E_MI	Minor	E	CWF, MF	III	-	0.03
11.5R2	Luzerne	41.260117	-75.790042	UNT to Deep Creek	121614_JC_1002_I_MI	Minor	I	CWF, MF	III	-	0.01
11.5R2	Luzerne	41.260889	-75.791436	UNT to Deep Creek	121614_JC_1003_I_MI	Minor	I	CWF, MF	III	-	0.00
12.4R2	Luzerne	41.251724	-75.778778	UNT to Mill Creek	121514_JC_1001_E_MI	Minor	E	CWF, MF	III	-	0.03
13	Luzerne	41.250047	-75.773623	UNT to Mill Creek	121814_JC_1010_P_MI	Minor	P	CWF, MF	III	-	0.11

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13.1	Luzerne	41.248591	-75.772196	UNW	121814_JC_1000_POND_IM	Int.	Pond	CWF, MF	-	-	0.08
13.1	Luzerne	41.249459	-75.773380	UNT to Mill Creek	121814_JC_1011_P_MI	Minor	P	CWF, MF	III	-	0.08
13.2	Luzerne	41.248721	-75.771963	UNT to Mill Creek	121814_JC_1013_E_MI	Minor	E	CWF, MF	III	-	0.01
13.2	Luzerne	41.248382	-75.770598	UNT to Mill Creek	121814_JC_1012_E_MI	Minor	E	CWF, MF	III	-	0.02
13.2	Luzerne	41.252746	-75.766742	UNT to Mill Creek	081215_MK_017_P_IM	Int.	P	CWF, MF	III	-	0.01
13.3	Luzerne	41.247977	-75.770266	UNT to Mill Creek	121814_JC_1007_E_MI	Minor	E	CWF, MF	III	-	0.09
13.3	Luzerne	41.247488	-75.769276	UNT to Mill Creek	121814_JC_1009_E_MI	Minor	E	CWF, MF	III	-	0.01
13.3	Luzerne	41.248350	-75.768730	UNT to Mill Creek	081215_MK_013_I_MI	Minor	I	CWF, MF	III	-	0.03
13.3	Luzerne	41.248626	-75.768055	UNT to Mill Creek	081215_MK_015_I_MI	Minor	I	CWF, MF	III	-	0.01
13.3	Luzerne	41.248379	-75.768551	UNT to Mill Creek	081215_MK_014_P_IM	Int.	P	CWF, MF	III	-	0.02
13.3	Luzerne	41.248903	-75.767668	UNT to Mill Creek	081215_MK_016_E_MI	Minor	E	CWF, MF	III	-	0.00
13.3	Luzerne	41.247670	-75.770055	UNT to Mill Creek	121814_JC_1008_P_MI	Minor	P	CWF, MF	III	-	0.03
13.6	Luzerne	41.244048	-75.767535	UNT to Mill Creek	121814_JC_1005_P_MI	Minor	P	CWF, MF	III	-	0.06
13.6	Luzerne	41.244234	-75.767228	UNT to Mill Creek	121814_JC_1006_I_MI	Minor	I	CWF, MF	III	-	0.02
13.7	Luzerne	41.243175	-75.766251	UNT to Mill Creek	121814_JC_1004_I_MI	Minor	I	CWF, MF	III	-	0.04
13.8	Luzerne	41.241138	-75.763754	UNT to Mill Creek	121814_JC_1002_P_MI	Minor	P	CWF, MF	III	-	0.09
13.8	Luzerne	41.241672	-75.764339	UNT to Mill Creek	121814_JC_1003_I_MI	Minor	I	CWF, MF	III	-	0.04
13.9	Luzerne	41.240572	-75.763019	UNT to Mill Creek	121814_JC_1001_P_MI	Minor	P	CWF, MF	III	-	0.13
14	Luzerne	41.239750	-75.762370	UNT to Mill Creek	121814_JC_1000_I_MI	Minor	I	CWF, MF	III	-	0.08
14	Luzerne	41.254040	-75.742097	UNT to Mill Creek	041717_WA_1001_E_MI	Minor	E	CWF, MF	III	-	0.00
14	Luzerne	41.253290	-75.742262	UNT to Mill Creek	041717_WA_1002_E_MI	Minor	E	CWF, MF	III	-	0.00
14.1	Luzerne	41.252544	-75.742193	UNT to Mill Creek	041717_WA_1003_E_MI	Minor	E	CWF, MF	III	-	0.01
14.1	Luzerne	41.238437	-75.760497	UNT to Mill Creek	111014_JC_1001_E_MI	Minor	E	CWF, MF	III	-	0.01
14.1	Luzerne	41.251785	-75.741970	UNT to Mill Creek	041717_WA_1004_E_MI	Minor	E	CWF, MF	III	-	0.00
14.2	Luzerne	41.249682	-75.741791	UNT to Mill Creek	041717_WA_1006_E_MI	Minor	E	CWF, MF	III	-	0.00
14.2	Luzerne	41.250834	-75.741911	UNT to Mill Creek	041717_WA_1005_E_MI	Minor	E	CWF, MF	III	-	0.00
14.2	Luzerne	41.248301	-75.741684	UNT to Mill Creek	041717_WA_1007_E_MI	Minor	E	CWF, MF	III	-	0.02
14.7	Luzerne	41.232068	-75.752681	UNT to Little Bear Creek	041017_NJ_1002_I_MI	Minor	I	HQ-CWF, MF	III	-	0.03
14.7	Luzerne	41.231983	-75.753227	UNT to Little Bear Creek	041017_NJ_1001_I_MI	Minor	I	HQ-CWF, MF	III	-	0.00
15	Luzerne	41.229460	-75.749586	UNT to Little Bear Creek	043015_JC_1001_I_MI	Minor	I	HQ-CWF, MF	III	-	0.03
16.1	Luzerne	41.217300	-75.733468	UNT to Bear Creek	112114_JC_1003_P_IM	Int.	P	HQ-CWF, MF	-	-	0.53
16.2	Luzerne	41.216717	-75.733135	Bear Creek	112114_JC_1002_P_MI	Minor	P	HQ-CWF, MF	-	-	0.10
16.4	Luzerne	41.215665	-75.729665	UNT to Bear Creek	112114_JC_1001_P_MI	Minor	P	HQ-CWF, MF	-	-	0.07
16.7	Luzerne	41.212447	-75.725967	Meadow Run	112014_JC_1003_P_IM	Int.	P	HQ-CWF, MF	-	-	0.30
16.9	Luzerne	41.210333	-75.722973	UNT to Meadow Run	112014_JC_1002_P_MI	Minor	P	HQ-CWF, MF	-	-	0.01
17	Luzerne	41.208806	-75.720901	UNT to Meadow Run	102715_BB_002_E_MI	Minor	E	HQ-CWF, MF	-	-	0.05
17.7	Luzerne	41.202409	-75.711749	UNW	102715_BB_1001_POND_IM	Int.	Pond	HQ-CWF, MF	-	-	0.04
17.7	Luzerne	41.202535	-75.711393	UNT to Little Shades Creek	112014_JC_1001_P_MI	Minor	P	HQ-CWF, MF	III	-	0.02
18.3	Luzerne	41.196774	-75.701960	Little Shades Creek	111914_JC_1002_P_IM	Int.	P	HQ-CWF, MF	III	-	0.50

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18.4	Luzerne	41.196273	-75.701965	UNT to Little Shades Creek	111914_JC_1001_P_MI	Int.	P	HQ-CWF, MF	III	-	0.07
19	Luzerne	41.188314	-75.697376	UNT to Little Shades Creek	121814_JC_1014_E_MI	Minor	E	HQ-CWF, MF	III	-	0.01
19	Luzerne	41.187710	-75.697473	UNT to Little Shades Creek	121814_JC_1014_I_MI	Minor	I	HQ-CWF, MF	III	-	0.03
19.6	Luzerne	41.179380	-75.697127	UNT to Shades Creek	121614_JC_1009_P_MI	Minor	P	HQ-CWF, MF	I, III	-	0.14
19.6	Luzerne	41.179337	-75.696965	Shades Creek	121614_JC_1009_P_MI	Int.	P	HQ-CWF, MF	I, III	-	0.30
19.7	Luzerne	41.178044	-75.697203	UNT to Shades Creek	111315_GM_1001_E_MI	Minor	E	HQ-CWF, MF	I, III	-	0.01
19.7	Luzerne	41.178400	-75.697107	UNT to Shades Creek	111315_GM_1002_E_MI	Minor	E	HQ-CWF, MF	I, III	-	0.00
19.7	Luzerne	41.178665	-75.697072	UNT to Shades Creek	111315_GM_1003_E_MI	Minor	E	HQ-CWF, MF	I, III	-	0.00
20	Luzerne	41.173790	-75.696705	UNT to Shades Creek	121614_JC_1007_P_MI	Minor	P	HQ-CWF, MF	I, III	-	0.02
20	Luzerne	41.173609	-75.696451	UNT to Shades Creek	121714_JC_1001_E_MI	Minor	E	HQ-CWF, MF	I, III	-	0.02
20.1	Luzerne	41.172392	-75.696271	UNT to Shades Creek	121614_JC_1006_P_MI	Minor	P	HQ-CWF, MF	I, III	-	0.13
20.7	Luzerne	41.164206	-75.695655	UNT to Shades Creek	121614_JC_1005_I_MI	Minor	I	HQ-CWF, MF	III	-	0.02
21.2	Luzerne	41.157443	-75.693550	UNT to Stony Run	121614_JC_1004_I_MI	Minor	I	HQ-CWF, MF	III	-	0.02
21.6	Luzerne	41.152176	-75.686430	UNT to Stony Run	041817_MK_1001_I_MI	Minor	I	HQ-CWF, MF	III	-	0.00
22	Luzerne	41.147636	-75.677467	Stony Run	041917_MK_1001_P_MI	Int.	P	HQ-CWF, MF	III	-	0.26
22.2	Luzerne	41.147330	-75.653974	UNT to White House Run	042517_GM_1005_P_MI	Minor	P	HQ-CWF, MF	III	-	0.00
22.5	Luzerne	41.137405	-75.690029	UNT to Stony Run	102115_WA_002_E_MI	Minor	E	HQ-CWF, MF	III	-	0.01
22.5	Luzerne	41.139072	-75.689664	UNT to Stony Run	042017_MK_1002_P_MI	Minor	I	HQ-CWF, MF	III	-	0.02
22.5	Luzerne	41.138325	-75.685831	Stony Run	042517_GM_1001_P_MI	Int.	P	HQ-CWF, MF	III	-	0.06
22.6	Luzerne	41.136145	-75.689571	Stony Run	050615_JC_1001_P_MI	Int.	P	HQ-CWF, MF	III	-	0.73
22.6	Luzerne	41.137208	-75.690088	UNT to Stony Run	102115_WA_001_E_MI	Minor	E	HQ-CWF, MF	III	-	0.02
22.7	Luzerne	41.135910	-75.689737	UNT to Stony Run	102115_WA_001_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
22.7	Luzerne	41.136455	-75.687612	UNT to Stony Run	042517_GM_1002_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
22.7	Luzerne	41.139208	-75.666628	UNT to Spring Run	042517_GM_1004_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
22.8	Luzerne	41.134726	-75.680894	UNT to Lehigh River	042517_GM_1003_P_MI	Minor	P	HQ-CWF, MF	III	-	0.01
23	Luzerne	41.130573	-75.688090	Lehigh River	052115_JC_1001_P_MA	Minor	P	HQ-CWF, MF	III	-	21.92
24.4	Carbon	41.108741	-75.686188	Lime Hollow	063017_GM_1001_I_MI	Minor	I	HQ-CWF, MF	III	-	0.00
24.5	Carbon	41.111294	-75.675588	UNT to Lime Hollow	110415_GM_1001_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
25.1	Carbon	41.099376	-75.683099	UNT to Black Creek	012617_GM_1002_P_MI	Minor	P	HQ-CWF, MF	III	-	0.02
25.4	Carbon	41.101182	-75.662942	UNT to Porter Run	012116_DB_1003_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
25.4	Carbon	41.101201	-75.662241	Porter Run	012116_DB_1001_P_MI (1)	Int.	P	HQ-CWF, MF	III	-	0.10
25.5	Carbon	41.101129	-75.660960	Porter Run	012116_DB_1001_P_MI (2)	Int.	P	HQ-CWF, MF	III	-	0.04
25.7	Carbon	41.089302	-75.686024	UNT to Black Creek	012617_GM_1003_I_MI	Minor	I	HQ-CWF, MF	III	-	0.00
25.9	Carbon	41.086942	-75.685752	UNT to Black Creek	071817_MB_1003_I_MI	Minor	I	HQ-CWF, MF	III	-	0.00
26.4	Carbon	41.085677	-75.661539	UNT to Black Creek	102114_JC_1003_E_MI	Minor	E	HQ-CWF, MF	III	-	0.02
26.5	Carbon	41.084410	-75.662034	UNT to Black Creek	102114_JC_1002_P_MI	Minor	P	HQ-CWF, MF	III	-	0.01
26.6	Carbon	41.083756	-75.660394	UNT to Black Creek	102114_JC_1001_P_MI	Minor	P	HQ-CWF, MF	III	-	0.26
27.4R2	Carbon	41.074355	-75.654971	UNT to Black Creek	102314_JC_1001_P_MI	Minor	P	HQ-CWF, MF	III	-	0.19
30R2	Carbon	41.050302	-75.604853	UNT to Swamp Run	011817_GM_1001_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01

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30.4R2	Carbon	41.041078	-75.626821	UNT to Hawk Run	042415_JC_1006_E_MI	Minor	E	HQ-CWF, MF	I, III	-	0.06
31.1R2	Carbon	41.030422	-75.624181	UNT to Laurel Run	042415_JC_1005_D_MI	Minor	Ditch	HQ-CWF, MF	III	-	0.05
31.2R2	Carbon	41.030304	-75.624404	UNT to Laurel Run	042415_JC_1004_P_MI	Minor	P	HQ-CWF, MF	III	-	0.06
31.2R2	Carbon	41.030619	-75.625139	UNT to Laurel Run	042415_JC_1002_P_IN	Int.	P	HQ-CWF, MF	III	-	0.27
31.2R2	Carbon	41.029415	-75.625005	UNT to Laurel Run	042415_JC_1001_I_MI	Minor	I	HQ-CWF, MF	III	-	0.04
31.2R2	Carbon	41.030773	-75.624747	UNT to Laurel Run	042415_JC_1003_I_MI	Minor	I	HQ-CWF, MF	III	-	0.05
32.6R3	Carbon	41.011179	-75.615504	UNT to Mud Run	110316_GM_1002_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
32.7R3	Carbon	41.009851	-75.615205	UNT to Mud Run	110316_GM_1001_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
32.8R3	Carbon	41.008800	-75.615269	UNT to Mud Run	110316_GM_1003_I_MI	Minor	I	HQ-CWF, MF	III	-	0.02
32.8R3	Carbon	41.008418	-75.614605	UNT to Mud Run	110316_GM_1004_I_MI	Minor	I	HQ-CWF, MF	III	-	0.03
33.2R3	Carbon	41.002580	-75.613075	UNT to Mud Run	042115_JC_1002_P_MI	Minor	P	HQ-CWF, MF	III	-	0.10
33.2R3	Carbon	41.002701	-75.613494	Mud Run	042115_JC_1001_P_IN	Int.	P	HQ-CWF, MF	III	TS	0.41
33.4R3	Carbon	41.000099	-75.612461	UNT to Mud Run	042115_JC_1003_E_MI	Minor	E	HQ-CWF, MF	III	TS	0.04
33.4R3	Carbon	40.998664	-75.612066	UNT to Mud Run	042115_JC_1004_I_MI	Minor	I	HQ-CWF, MF	III	-	0.16
33.5R3	Carbon	40.998957	-75.611863	UNT to Mud Run	042115_JC_1005_E_MI	Minor	E	HQ-CWF, MF	III	-	0.01
33.7R3	Carbon	40.996225	-75.611417	UNT to Mud Run	042115_JC_1006_I_MI	Minor	I	HQ-CWF, MF	III	TS	0.04
34.6R2	Carbon	40.983226	-75.620013	UNT to Stony Creek	042315_JC_1001_I_MI	Minor	I	EV, MF	III	-	0.11
34.7R2	Carbon	40.981972	-75.620550	UNT to Stony Creek	042315_JC_1002_P_MI	Minor	P	EV, MF	III	-	0.07
34.8	Carbon	40.978966	-75.622663	UNT to Stony Creek	042315_JC_1003_I_IN	Int.	I	EV, MF	III	-	0.58
34.8R3	Carbon	40.980964	-75.621151	Stony Creek	042315_JC_1003_P_IN	Int.	P	EV, MF	III	-	0.13
36.1	Carbon	40.962439	-75.629566	Yellow Run	060117_MB_1001_P_MI	Minor	P	EV, MF	III	-	0.29
36.5R3	Carbon	40.955805	-75.631057	UNT to Yellow Run	050615_JC_1002_I_MI	Minor	I	EV, MF	III	-	0.02
36.5R3	Carbon	40.954312	-75.631090	UNT to Yellow Run	010816_DB_1001_I_MI	Minor	I	EV, MF	III	-	0.10
37.4	Carbon	40.943146	-75.634690	UNT to Wild Creek	061615_DB_1001_I_MI	Minor	I	EV, MF	I, III	-	0.06
38.3	Carbon	40.931323	-75.634760	Wild Creek	061615_DB_1002_P_IN	Int.	P	EV, MF	I, III	-	0.15
41	Carbon	40.903011	-75.602147	UNT to White Oak Run	040517_BT_1001_E_MI	Minor	E	EV, MF	III	-	0.01
41.1	Carbon	40.903023	-75.600839	UNT to White Oak Run	091516_GM_1002_E_MI	Minor	E	EV, MF	III	-	0.03
41.1	Carbon	40.902560	-75.600218	UNT to White Oak Run	040517_BT_1002_I_MI	Minor	I	EV, MF	III	-	0.00
41.2	Carbon	40.902822	-75.599550	UNT to White Oak Run	012717_GM_1002_P_MI	Minor	P	EV, MF	III	-	0.06
41.2	Carbon	40.902939	-75.598059	UNT to White Oak Run	012717_GM_1003_P_MI	Minor	P	EV, MF	III	-	0.06
41.3	Carbon	40.902793	-75.596868	UNT to White Oak Run	020117_GM_1002_P_MI	Minor	P	EV, MF	III	-	0.06
41.6	Carbon	40.900785	-75.592291	White Oak Run	020117_GM_1001_P_MI	Minor	P	EV, MF	III	-	0.11
43.5R3	Carbon	40.886525	-75.560851	Wild Creek/Beltzville Lake	052215_JC_1001_LAKE_MA (1)	Major	Lake	EV, MF	III	-	2.52
43.9R3	Carbon	40.883357	-75.554256	UNT to Pohopoco Creek	052215_JC_1003_I_MI	Minor	I	CWF, MF	III	-	0.01
44R3	Carbon	40.882792	-75.553353	Pohopoco Creek/Beltzville Lake	052215_JC_1001_LAKE_MA (2)	Major	Lake	CWF, MF	III	-	4.37
44.2R3	Carbon	40.881203	-75.549637	UNT to Pohopoco Creek	061715_DB_1001_I_MI	Minor	I	CWF, MF	III	-	0.13
44.3R3	Carbon	40.880670	-75.549112	UNT to Pohopoco Creek	122215_DB_1001_P_MI	Minor	P	CWF, MF	III	-	0.09
44.4R3	Carbon	40.879366	-75.547567	UNT to Pohopoco Creek	122215_DB_1000_I_MI	Minor	I	CWF, MF	III	-	0.02
44.4R3	Carbon	40.879333	-75.547422	UNT to Pohopoco Creek	122215_DB_1001_I_MI	Minor	I	CWF, MF	III	-	0.02



Milepost	County <sup>1</sup>	Latitude <sup>2</sup>	Longitude <sup>2</sup>	Waterbody Name <sup>3</sup>	Waterbody ID <sup>4</sup>	FERC Class <sup>5,6</sup>	Stream Type <sup>7</sup>	Chapter 93 Designated or Existing Use <sup>8</sup>	Wild Trout <sup>9</sup>	STW <sup>10</sup>	Total Acres Delineated
44.8R2	Carbon	40.874715	-75.544257	UNT to Hunter Creek	041018_WA_1001_P_MI	Minor	P	HQ-CWF, MF	I, III	-	0.01
44.8R2	Carbon	40.875195	-75.544365	UNT to Hunter Creek	041018_WA_1000_P_MI	Minor	P	HQ-CWF, MF	I, III	-	0.09
44.8R2	Carbon	40.874994	-75.544084	UNT to Hunter Creek	050918_WA_1000_E_MI	Minor	E	HQ-CWF, MF	I, III	-	0.00
45R2	Carbon	40.872084	-75.541734	UNT to Hunter Creek	051115_JC_1002_P_MI	Minor	P	HQ-CWF, MF	I, III	-	0.02
45R2	Carbon	40.872312	-75.540911	UNT to Hunter Creek	081715_MK_026_P_MI	Minor	P	HQ-CWF*, MF	I, III	-	0.00
45.6	Carbon	40.865563	-75.537637	UNT to Hunter Creek	051115_JC_1001_P_MI	Minor	P	HQ-CWF, MF	I, III	-	0.02
46.1	Carbon	40.860379	-75.529705	UNT to Hunter Creek	041018_WA_1002_I_MI	Minor	I	HQ-CWF, MF	I, III	-	0.00
46.3	Carbon	40.858204	-75.527364	UNT to Hunter Creek	041018_WA_1003_I_MI	Minor	I	HQ-CWF, MF	I, III	-	0.02
48.1	Carbon	40.837323	-75.508886	Buckwha Creek	090914_WA_1000_P_IM	Int.	P	CWF, MF	III	TS	0.61
48.9R3	Carbon	40.826443	-75.503849	UNT to Aquashicola Creek	052218_WA_1000_E_MI	Minor	E	HQ-CWF, MF	III	-	0.02
49R3	Carbon	40.826579	-75.503085	UNT to Aquashicola Creek	033018_WA_1000_E_MI	Minor	E	HQ-CWF, MF	III	-	0.00
49.3R3	Carbon	40.824268	-75.499589	Aquashicola Creek	041217_GM_1001_P_IN	Int.	P	HQ-CWF, MF	III	TS	0.45
49.4R3	Carbon	40.823691	-75.499293	UNT to Aquashicola Creek	041117_GM_1001_E_MI	Minor	E	HQ-CWF, MF	III	-	0.03
50.6R3	Carbon	40.821573	-75.479981	UNT to Aquashicola Creek	072618_WA_1010_I_MI	Minor	I	HQ-CWF, MF	III	-	0.00
50.6R3	Carbon	40.821760	-75.480011	UNT to Aquashicola Creek	072618_WA_1008_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
50.6R3	Carbon	40.821341	-75.479737	UNT to Aquashicola Creek	072618_WA_1009_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
50.6R3	Carbon	40.822079	-75.479774	UNT to Aquashicola Creek	072618_WA_1007_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
50.7R3	Carbon	40.821844	-75.478638	UNT to Aquashicola Creek	072618_WA_1004_I_MI	Minor	I	HQ-CWF, MF	III	-	0.00
50.7R3	Carbon	40.822048	-75.478574	UNT to Aquashicola Creek	072618_WA_1005_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
50.7R3	Carbon	40.821728	-75.478488	UNT to Aquashicola Creek	072618_WA_1003_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
50.7R3	Carbon	40.822097	-75.478144	UNT to Aquashicola Creek	072618_WA_1006_I_MI	Minor	I	HQ-CWF, MF	III	-	0.00
50.7R3	Carbon	40.821712	-75.478162	UNT to Aquashicola Creek	072618_WA_1002_I_MI	Minor	I	HQ-CWF, MF	III	-	0.00
50.7R3	Carbon	40.822264	-75.478673	UNT to Aquashicola Creek	072618_WA_1011_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
50.7R3	Carbon	40.822217	-75.478410	UNT to Aquashicola Creek	072618_WA_1001_P_MI	Minor	P	HQ-CWF, MF	III	-	0.04
50.7R3	Monroe	40.822512	-75.477447	UNT to Aquashicola Creek	072618_WA_1000_I_MI	Minor	I	HQ-CWF, MF	III	-	0.00
52.4R3	Northampton	40.804839	-75.472376	UNT to Indian Creek	040517_GM_1001_I_MI	Minor	I	CWF, MF	III	ATW	0.07
52.6R3	Northampton	40.801886	-75.474335	UNT to Indian Creek	080917_WA_1002_P_MI	Minor	P	CWF, MF	III	-	0.07
52.6R3	Northampton	40.801575	-75.473024	UNT to Indian Creek	052918_WA_1002_P_MI	Minor	P	CWF, MF	III	-	0.00
52.7R3	Northampton	40.800946	-75.474529	UNT to Indian Creek	052918_WA_1003_I_MI	Minor	I	CWF, MF	III	-	0.00
52.8R3	Northampton	40.799207	-75.474212	UNT to Indian Creek	110217_WA_1001_P_MI	Minor	P	CWF, MF	III	-	0.04
52.9R3	Northampton	40.797551	-75.475165	UNT to Indian Creek	110217_WA_1003_P_MI	Minor	P	CWF, MF	III	TS	0.13
52.9R3	Northampton	40.797563	-75.475658	UNT to Indian Creek	110217_WA_1002_I_MI	Minor	I	CWF, MF	III	TS	0.03
53.2R3	Northampton	40.793587	-75.476513	UNT to Indian Creek	080917_WA_1001_I_MI	Minor	I	CWF, MF	III	-	0.02
53.3R3	Northampton	40.792039	-75.476303	UNT to Indian Creek	050217_MB_1002_I_MI	Minor	I	CWF, MF	III	-	0.02
53.3R3	Northampton	40.792424	-75.476713	UNT to Indian Creek	050217_MB_1003_I_MI	Minor	I	CWF, MF	III	ATW	0.00
53.4R3	Northampton	40.790769	-75.476102	UNT to Indian Creek	050217_MB_1001_P_IN	Int.	P	CWF, MF	III	TS	0.18
55.6	Northampton	40.783727	-75.459150	UNT to Hokendauqua Creek	102815_WA_1001_E_MI	Minor	E	CWF, MF	III	-	0.16
55.8	Northampton	40.781326	-75.457561	Hokendauqua Creek	051215_JC_1002_P_IN	Int.	P	CWF, MF	III	TS	0.51
55.9	Northampton	40.780598	-75.457286	UNT to Hokendauqua Creek	051215_JC_1001_E_MI	Minor	E	CWF, MF	III	-	0.06

Milepost	County <sup>1</sup>	Latitude <sup>2</sup>	Longitude <sup>2</sup>	Waterbody Name <sup>3</sup>	Waterbody ID <sup>4</sup>	FERC Class <sup>5,6</sup>	Stream Type <sup>7</sup>	Chapter 93 Designated or Existing Use <sup>8</sup>	Wild Trout <sup>9</sup>	STW <sup>10</sup>	Total Acres Delineated
56	Northampton	40.779948	-75.456968	UNT to Hokendauqua Creek	051215_JC_1003_I_MI	Minor	I	CWF, MF	III	TS	0.01
56	Northampton	40.779004	-75.456999	UNT to Hokendauqua Creek	062218_WA_1000_P_MI	Minor	P	CWF, MF	III	TS	0.01
56	Northampton	40.779583	-75.457503	UNT to Hokendauqua Creek	062218_WA_1001_P_MI	Minor	P	CWF, MF	III	TS	0.01
56.6	Northampton	40.772048	-75.449217	UNT to Hokendauqua Creek	050417_GM_1001_I_MI	Minor	I	CWF, MF	III	-	0.02
56.6	Northampton	40.772440	-75.448537	UNT to Hokendauqua Creek	050417_GM_1002_P_MI	Minor	P	CWF, MF	III	-	0.04
56.7	Northampton	40.771660	-75.448294	UNT to Hokendauqua Creek	050417_GM_1003_P_IN	Int.	P	CWF, MF	III	-	0.13
58R2	Northampton	40.760168	-75.429081	UNT to Monocacy Creek	071917_MB_1001_I_MI	Minor	I	HQ-CWF, MF	III	-	0.03
58.1R2	Northampton	40.760141	-75.427789	UNT to Monocacy Creek	052218_WA_1001_E_MI	Minor	E	HQ-CWF, MF	III	-	0.03
58.5	Northampton	40.755372	-75.422923	UNT to Monocacy Creek	052218_WA_1002_P_MI	Minor	P	HQ-CWF, MF	III	-	0.08
58.5	Northampton	40.755173	-75.422776	UNT to Monocacy Creek	052218_WA_1003_P_MI	Minor	P	HQ-CWF, MF	III	-	0.03
59	Northampton	40.750103	-75.416180	UNT to Monocacy Creek	090314_DB_1011_E_MI	Minor	E	HQ-CWF, MF	III	-	0.05
59.2	Northampton	40.747105	-75.413256	UNT to Monocacy Creek	090414_DB_1013_I_MI	Minor	I	HQ-CWF, MF	III	-	0.13
59.2	Northampton	40.747054	-75.413658	UNT to Monocacy Creek	090414_DB_1012_I_MI	Minor	I	HQ-CWF, MF	III	-	0.03
59.6R2	Northampton	40.742855	-75.410243	UNT to Monocacy Creek	121916_LZ_1001_P_MI	Minor	P	HQ-CWF, MF	III	-	0.34
60.3	Northampton	40.737065	-75.399363	Monocacy Creek	051215_JC_1005_P_IN	Int.	P	HQ-CWF, MF	I, III	TS	0.21
60.6	Northampton	40.735999	-75.393607	UNT to Monocacy Creek	090314_DB_1005_E_MI	Minor	E	HQ-CWF, MF	III	-	0.09
60.6	Northampton	40.735859	-75.392429	UNT to Monocacy Creek	090314_DB_1007_E_MI	Minor	E	HQ-CWF, MF	III	-	0.03
60.7	Northampton	40.735844	-75.392186	UNT to Monocacy Creek	090314_DB_1006_I_MI	Minor	I	HQ-CWF, MF	III	-	0.07
61.4	Northampton	40.734708	-75.377352	East Branch Monocacy Creek	111214_JC_1004_P_IM	Int.	P	HQ-CWF, MF	III	-	0.28
62.4R3	Northampton	40.730641	-75.364671	UNT to East Branch Monocacy Creek	102715_WA_1002_P_MI	Minor	P	HQ-CWF, MF	III	-	0.03
62.8R3	Northampton	40.726166	-75.356797	UNT to East Branch Monocacy Creek	051415_JC_1001_I_MI	Minor	I	HQ-CWF, MF	III	-	0.03
63.5	Northampton	40.724779	-75.342845	UNT to East Branch Monocacy Creek	051415_JC_1002_P_IN	Int.	P	HQ-CWF, MF	III	-	0.22
68.7	Northampton	40.670506	-75.291103	UNT to Nancy Run	051415_JC_1004_POND_IN	Int.	Pond	CWF, MF	III	-	0.02
70.4R3	Northampton	40.652774	-75.280695	UNT to Lehigh River	010616_JC_1001_E_MI	Minor	E	CWF, MF	-	-	0.45
70.6R3	Northampton	40.649826	-75.283294	UNT to Lehigh River	010615_JC_1000_E_MI	Minor	E	CWF, MF	-	-	0.09
70.6R3	Northampton	40.651920	-75.281294	UNT to Lehigh River	010616_JC_1001A_E_MI	Minor	E	CWF, MF	-	-	0.00
70.7R3	Northampton	40.649003	-75.283295	UNT to Lehigh River	010615_JC_1001_E_MI	Minor	E	CWF, MF	-	-	0.01
70.9	Northampton	40.642938	-75.280292	Lehigh Coal and Navigation Canal	061416_GM_1001_P_IN	Int.	P	WWF, MF	-	-	0.78
71	Northampton	40.641063	-75.280033	Lehigh River	031918_WA_1004_P_MA	Major	P	WWF, MF	-	-	3.51
71.4	Northampton	40.635847	-75.279056	UNT to Lehigh River	012116_GM_1001_E_IN	Int.	E	CWF, MF	-	-	0.18
71.7	Northampton	40.632092	-75.277443	UNT to Bull Run	010615_JC_1002_E_MI	Minor	E	CWF, MF	III	-	0.03
72.1	Northampton	40.628558	-75.272244	UNT to Bull Run	040318_WA_1000_P_MI	Minor	P	CWF, MF	III	-	0.04
72.1	Northampton	40.628493	-75.271926	UNT to Bull Run	092614_GO_1001_P_MI	Minor	P	CWF, MF	III	-	0.07
72.2	Northampton	40.628109	-75.269970	UNW	092314_GO_1002_POND_MA	Major	Pond	CWF, MF	-	-	0.36
72.4	Northampton	40.625806	-75.267736	UNT to Bull Run	031918_WA_1003_I_MI	Minor	I	CWF, MF	III	-	0.01
72.4	Northampton	40.625591	-75.268152	UNT to Bull Run	040318_WA_1001_I_MI	Minor	I	CWF, MF	III	-	0.01
72.5	Northampton	40.625072	-75.266194	UNT to Bull Run	051415_JC_1006_E_MI	Minor	E	CWF, MF	III	-	0.01
72.5	Northampton	40.624134	-75.265137	UNT to Bull Run	051415_JC_1005_P_IN	Int.	P	CWF, MF	III	-	0.29
72.5	Northampton	40.625351	-75.266947	UNT to Bull Run	031918_WA_1000_P_MI	Minor	P	CWF, MF	III	-	0.01

Milepost	County <sup>1</sup>	Latitude <sup>2</sup>	Longitude <sup>2</sup>	Waterbody Name <sup>3</sup>	Waterbody ID <sup>4</sup>	FERC Class <sup>5,6</sup>	Stream Type <sup>7</sup>	Chapter 93 Designated or Existing Use <sup>8</sup>	Wild Trout <sup>9</sup>	STW <sup>10</sup>	Total Acres Delineated
72.6	Northampton	40.623018	-75.263559	UNT to Bull Run	102715_WA_1001_P_MI	Minor	P	CWF, MF	III	-	0.16
72.6	Northampton	40.623935	-75.264083	UNT to Bull Run	012016_GM_1001_I_MI	Minor	I	CWF, MF	III	-	0.01
72.7	Northampton	40.623060	-75.263177	UNT to Bull Run	102715_WA_1002_I_MI	Minor	I	CWF, MF	III	-	0.01
72.7	Northampton	40.623939	-75.263539	UNT to Bull Run	012016_GM_1003_I_MI	Minor	I	CWF, MF	III	-	0.04
72.7	Northampton	40.623713	-75.263907	UNT to Bull Run	012016_GM_1002_I_MI	Minor	I	CWF, MF	III	-	0.01
72.7	Northampton	40.623166	-75.263425	UNT to Bull Run	102715_WA_1001_I_MI	Minor	I	CWF, MF	III	-	0.01
72.8	Northampton	40.621866	-75.262141	UNT to Bull Run	042815_JC_1005_I_MI	Minor	I	CWF, MF	III	-	0.06
72.8	Northampton	40.621340	-75.261847	UNT to Bull Run	042815_JC_1002_I_MI	Minor	I	CWF, MF	III	-	0.03
72.9	Northampton	40.620367	-75.260031	UNT to Bull Run	042815_JC_1001_E_MI	Minor	E	CWF, MF	III	-	0.08
73.2	Northampton	40.618636	-75.257103	UNT to Frya Run	031716_NJ_1002_I_MI	Minor	I	HQ-CWF, MF	III	-	0.02
73.2	Northampton	40.618615	-75.256253	UNT to Frya Run	031716_NJ_1003_P_MI	Minor	P	HQ-CWF, MF	III	-	0.27
73.6R2	Northampton	40.619879	-75.248358	UNT to Frya Run	042117_GM_1001_P_MI	Minor	P	HQ-CWF, MF	III	-	0.05
73.6R2	Northampton	40.620290	-75.248440	UNT to Frya Run	042117_GM_1002_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
73.6R2	Northampton	40.620146	-75.249085	UNT to Frya Run	042117_GM_1003_P_MI	Minor	P	HQ-CWF, MF	III	-	0.01
73.6R2	Northampton	40.620114	-75.247970	UNT to Frya Run	042418_WA_1005_P_MI	Minor	P	HQ-CWF, MF	III	-	0.04
73.7R2	Northampton	40.619899	-75.246591	UNT to Frya Run	042418_WA_1002_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
73.7R2	Northampton	40.620302	-75.246413	UNT to Frya Run	042418_WA_1003_P_MI	Minor	P	HQ-CWF, MF	III	-	0.02
73.7R2	Northampton	40.619839	-75.246850	UNT to Frya Run	042418_WA_1004_P_MI	Minor	P	HQ-CWF, MF	III	-	0.07
74.6	Northampton	40.608497	-75.233814	Frya Run	091814_MK_1009_P_IM	Int.	P	HQ-CWF, MF	III	-	0.26
74.8	Northampton	40.607904	-75.230627	UNT to Frya Run	062415_BT_1001_P_MI	Minor	P	HQ-CWF, MF	III	-	0.32
74.9	Northampton	40.606750	-75.229302	UNT to Frya Run	062415_BT_1002_I_MI	Minor	I	HQ-CWF, MF	III	-	0.02
75.1	Northampton	40.605091	-75.226484	UNT to Frya Run	122016_LZ_1001_P_MI	Minor	P	HQ-CWF, MF	III	-	0.03
75.2	Northampton	40.604520	-75.226284	UNT to Frya Run	042418_WA_1001_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
75.2	Northampton	40.604787	-75.226390	UNT to Frya Run	042418_WA_1000_P_MI	Minor	P	HQ-CWF, MF	III	-	0.01
75.3	Northampton	40.603183	-75.225811	UNT to Frya Run	122016_LZ_1002_I_MI	Minor	I	HQ-CWF, MF	III	-	0.01
75.7	Northampton	40.601243	-75.218604	UNT to Cooks Creek	111314_JC_1001_I_MI	Minor	I	EV, MF	III	-	0.05
75.7	Northampton	40.602125	-75.218939	UNT to Cooks Creek	111314_JC_1002_I_MI	Minor	I	EV, MF	III	-	0.05
75.7	Northampton	40.601513	-75.219230	UNT to Cooks Creek	111314_JC_1003_E_MI	Minor	E	EV, MF	III	-	0.02
76.2	Bucks	40.596686	-75.211156	UNT to Delaware River	051515_JC_1004_E_MI	Minor	E	WWF, MF	-	-	0.08
77.6	Bucks	40.584117	-75.194811	Delaware Canal	052915_JC_1002_C_IN	Int.	Canal	WWF, MF	-	-	1.12
77.6	Bucks	40.583578	-75.193656	Delaware River	122315_DB_1001_P_MA	Major	P	WWF, MF	-	-	2.29
<b>Blue Mountain Lateral</b>											
0.5R3	Carbon	40.818231	-75.504478	UNT to Aquashicola Creek	041017_GM_1001_P_IN	Int.	P	HQ-CWF, MF	III	-	0.12
0.5R3	Carbon	40.818012	-75.504750	UNT to Aquashicola Creek	041017_GM_1001_P_MI	Minor	P	HQ-CWF, MF	III	-	0.01
0.51R3	Carbon	40.817835	-75.504930	UNT to Aquashicola Creek	041117_GM_1002_E_MI	Minor	E	HQ-CWF, MF	III	-	0.01
<b>Kidder Compressor Station</b>											
26.6	Carbon	41.082042	-75.667713	UNT to Black Creek	082515_BT_1001_P_IM	Int.	P	HQ-CWF, MF	III	-	0.51
<b>Hellertown Lateral</b>											
0.2	Northampton	40.629804	-75.281362	Bull Run	062218_WA_1002_P_IN	Int.	P	CWF, MF	III	-	0.13



Milepost	County <sup>1</sup>	Latitude <sup>2</sup>	Longitude <sup>2</sup>	Waterbody Name <sup>3</sup>	Waterbody ID <sup>4</sup>	FERC Class <sup>5,6</sup>	Stream Type <sup>7</sup>	Chapter 93 Designated or Existing Use <sup>8</sup>	Wild Trout <sup>9</sup>	STW <sup>10</sup>	Total Acres Delineated
0.2	Northampton	40.630170	-75.281682	UNT to Bull Run	062218_WA_1005_E_MI	Minor	E	CWF, MF	III	-	0.02
0.3	Northampton	40.629268	-75.281169	UNT to Bull Run	050317_MB_1001_I_MI	Minor	I	CWF, MF	III	-	0.02
0.3	Northampton	40.629939	-75.281740	UNT to Bull Run	062218_WA_1004_P_IN	Int.	P	CWF, MF	III	-	0.04
0.3	Northampton	40.629617	-75.281117	UNT to Bull Run	062218_WA_1003_I_MI	Minor	I	CWF, MF	III	-	0.00
1.4	Northampton	40.616774	-75.292319	UNT to East Branch Saucon Creek	010515_JC_1000_I_MI	Minor	I	CWF, MF	III	-	0.03
1.5	Northampton	40.616212	-75.293142	UNT to East Branch Saucon Creek	010515_JC_1001_E_MI	Minor	E	CWF, MF	III	-	0.01

Notes <sup>1</sup> Source: PennDOT Pennsylvania county boundaries, dated 7/2018. Available at www.pasda.psu.edu.

<sup>2</sup> Latitude and Longitude are in Decimal Degrees (dd) North American Datum (NAD83).

<sup>3</sup> Waterbody names were based on United States Geological Service (USGS) National Hydrology Database (NHD) Data (USGS, 2018) and PA Code Ch. 93 data (Commonwealth of Pennsylvania, 2018a)

<sup>4</sup> Waterbody IDs were generated during field delineation.

<sup>5</sup> Wetland and Waterbody Construction and Mitigation Procedures (FERC, 2013). FERC classifies streams as any natural or artificial stream, river, or drainage with perceptible flow at the time of crossing, and other permanent waterbodies such as ponds and lakes: “minor waterbody” (Minor) includes all waterbodies less than or equal to 10 feet wide at the water’s edge at the time of crossing; “intermediate waterbody” (Int.) includes all waterbodies greater than 10 feet wide but less than or equal to 100 feet wide at the water’s edge at the time of crossing; and “major waterbody” (Major) includes all waterbodies greater than 100 feet wide at the water’s edge at the time of crossing. Classification may change based on conditions at time of construction.

<sup>6</sup> FERC stream classifications are based on FERC's "Procedures" definition of minor, intermediate and major waterbodies. Minor = waterbodies less than or equal to 10 feet wide; Int. = waterbodies greater than 10 feet wide but less than or equal to 100 feet wide; Major = greater than 100 feet wide.

<sup>7</sup> For delineated streams, perennial/intermittent/ephemeral determinations were made based on channel definition, i.e., having a defined bed and bank, and, as directed by PADEP (Mackowski, personal comm. 2012), by determination of stream flow using geomorphic, hydrological and biological indicators, utilizing the North Carolina Division of Water Quality (2005) identification methods as guidelines.

Key: P = Perennial, I = Intermittent, E = Ephemeral

<sup>8</sup> Pennsylvania Code Ch. 93 Designated Use (Commonwealth of Pennsylvania, 2018a) and Pennsylvania Statewide Existing Use Classifications (PADEP, 2018). In instances where a stream has both a Designated Use and an Existing Use Designation, the Existing Use Designation is listed.

Key:

EV = Exceptional Value Waters

HQ = High Quality Waters. Surface water that meets one or more to the conditions listed in 93.4b.

CWF = Cold Water Fishes. Maintenance or propagation, or both, to fish species including the family Salmonidae and additional flora and fauna, which are indigenous to a cold water habitat.

WWF = Warm Water Fishes. Maintenance and propagation to fish species and additional flora and fauna, which are indigenous to a warm water habitat.

MF = Migratory Fishes. Passage, maintenance, and propagation to anadromous and catadromous fishes and other fishes, which ascend to flowing waters to complete their life cycle.

<sup>9</sup> Wild Trout Waters, Natural Reproduction - May 2018 (PFBC, 2018c), Wilderness Trout Waters (PFBC, 2018b), Class A Wild Trout Waters, May 14, 2018 (PFBC, 2018d).

Wild Trout Waters include:

I = Class A Wild Trout Streams: Streams that support a population to naturally produced trout to sufficient size and abundance to support a long-term and rewarding sport fishery.

II = Wilderness Trout Streams: Wilderness trout stream management is based upon the provision to a wild trout fishing experience in a remote, natural, and unspoiled environment where man's disruptive activities are minimized.

III = Wild Trout Streams: Stream sections supporting naturally reproducing populations to trout. A wild trout stream section is a biological designation that does not determine how it is managed; therefore, these streams may also be stocked with hatchery trout by the Commission.

<sup>10</sup> Stocked Trout Waters (PFBC, 2018a). ATW = Approved Trout Waters TS= Trout Stocked Streams

**Table B-2**  
**Study Area Soils – Pennsylvania**

Soil Map Unit	Description	Hydric Rating by Unit (%)
<b>Pennsylvania</b>		
<b>Luzerne County</b>		
Sm	Strip mine	0
OIC	Oquaga and Lordstown channery silt loams, 8 to 15 percent slopes	0
OID	Oquaga and Lordstown channery silt loams, 15 to 25 percent slopes	0
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
WtB	Wurtsboro extremely stony loam, 3 to 8 percent slopes	5
Mm	Mine wash	2
ChB	Chenango gravelly loam, 3 to 8 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
Mh	Mine dump, burned	0
WrC	Wurtsboro channery loam, 8 to 15 percent slopes	3
VoB	Volusia channery silt loam, 0 to 8 percent slopes	5
VrC	Volusia channery silt loam, 8 to 15 percent slopes, extremely stony	4
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
ChB	Chenango gravelly loam, 3 to 8 percent slopes	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
OIB	Oquaga and Lordstown channery silt loams, 3 to 8 percent slopes	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
OID	Oquaga and Lordstown channery silt loams, 15 to 25 percent slopes	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
Ho	Holly silt loam	95
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
Ps	Pope soils	5
MoB	Morris channery silt loam, 0 to 8 percent slopes	5
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
LaC	Lackawanna channery silt loam, 8 to 15 percent slopes	0
ClB	Chippewa silt loam, 3 to 8 percent slopes	90
Ps	Pope soils	5
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0

Soil Map Unit	Description	Hydric Rating by Unit (%)
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
OID	Oquaga and Lordstown channery silt loams, 15 to 25 percent slopes	0
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
MsC	Morris channery silt loam, 8 to 15 percent slopes, extremely stony	5
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
WrB	Wurtsboro channery loam, 3 to 8 percent slopes	5
Mh	Mine dump, burned	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OIC	Oquaga and Lordstown channery silt loams, 8 to 15 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
W	Water	0
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0
WIC	Wellsboro channery silt loam, 8 to 15 percent slopes	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
OIB	Oquaga and Lordstown channery silt loams, 3 to 8 percent slopes	0
OID	Oquaga and Lordstown channery silt loams, 15 to 25 percent slopes	0
ASF	Arnot-Rock outcrop complex, steep	0
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0
Ps	Pope soils	5
DdB	Dekalb channery sandy loam, 0 to 8 percent slopes, rubbly	0
WIC	Wellsboro channery silt loam, 8 to 15 percent slopes	0
MsC	Morris channery silt loam, 8 to 15 percent slopes, extremely stony	5
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
MsB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
MsB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
WIC	Wellsboro channery silt loam, 8 to 15 percent slopes	0
CIA	Chippewa silt loam, 0 to 3 percent slopes	95
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
CnB	Chippewa silt loam, 0 to 8 percent slopes, extremely stony	92
OIC	Oquaga and Lordstown channery silt loams, 8 to 15 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
MsB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
ArB	Arnot-Rock outcrop complex, 0 to 8 percent slopes	0
WtD	Wurtsboro extremely stony loam, 8 to 25 percent slopes	3
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0

Soil Map Unit	Description	Hydric Rating by Unit (%)
LaD	Lackawanna channery silt loam, 15 to 25 percent slopes	0
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
WIB	Wellsboro channery silt loam, 3 to 8 percent slopes	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
LEF	Lackawanna and Bath soils, steep, extremely stony	0
OID	Oquaga and Lordstown channery silt loams, 15 to 25 percent slopes	0
MaC	Mardin channery silt loam, 8 to 15 percent slopes	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
DEF	Dekalb extremely stony sandy loam, steep	0
WrD	Wurtsboro channery loam, 15 to 25 percent slopes	0
CIA	Chippewa silt loam, 0 to 3 percent slopes	95
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
ASF	Arnot-Rock outcrop complex, steep	0
ASF	Arnot-Rock outcrop complex, steep	0
OIC	Oquaga and Lordstown channery silt loams, 8 to 15 percent slopes	0
WtB	Wurtsboro extremely stony loam, 3 to 8 percent slopes	5
Sm	Strip mine	0
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
LaD	Lackawanna channery silt loam, 15 to 25 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
MsB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
Sm	Strip mine	0
DdB	Dekalb channery sandy loam, 0 to 8 percent slopes, rubbly	0
OIC	Oquaga and Lordstown channery silt loams, 8 to 15 percent slopes	0
DdD	Dekalb channery sandy loam, 8 to 25 percent slopes, rubbly	0
Ag	Alluvial land	20
WIB	Wellsboro channery silt loam, 3 to 8 percent slopes	0
MsB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
ArB	Arnot-Rock outcrop complex, 0 to 8 percent slopes	0
McB	Mardin channery silt loam, 3 to 8 percent slopes, very stony	4
WeB	Weikert and Klinesville channery silt loams, 3 to 8 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OID	Oquaga and Lordstown channery silt loams, 15 to 25 percent slopes	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
ASF	Arnot-Rock outcrop complex, steep	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0



Soil Map Unit	Description	Hydric Rating by Unit (%)
WtB	Wurtsboro extremely stony loam, 3 to 8 percent slopes	5
VrB	Volusia channery silt loam, 0 to 8 percent slopes, extremely stony	5
Ag	Alluvial land	20
CnB	Chippewa silt loam, 0 to 8 percent slopes, extremely stony	92
Mu	Muck	100
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
DdD	Dekalb channery sandy loam, 8 to 25 percent slopes, rubbly	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
DdB	Dekalb channery sandy loam, 0 to 8 percent slopes, rubbly	0
ArB	Arnot-Rock outcrop complex, 0 to 8 percent slopes	0
WtB	Wurtsboro extremely stony loam, 3 to 8 percent slopes	5
VrB	Volusia channery silt loam, 0 to 8 percent slopes, extremely stony	5
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
WIB	Wellsboro channery silt loam, 3 to 8 percent slopes	0
OIC	Oquaga and Lordstown channery silt loams, 8 to 15 percent slopes	0
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
OIC	Oquaga and Lordstown channery silt loams, 8 to 15 percent slopes	0
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
ArB	Arnot-Rock outcrop complex, 0 to 8 percent slopes	0
Wa	Wayland silt loam	90
ChB	Chenango gravelly loam, 3 to 8 percent slopes	0
LcB	Lackawanna channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
BrB	Braceville gravelly loam, 3 to 8 percent slopes	5
DdB	Dekalb channery sandy loam, 0 to 8 percent slopes, rubbly	0
OIB	Oquaga and Lordstown channery silt loams, 3 to 8 percent slopes	0
Ho	Holly silt loam	95
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0
WID	Wellsboro channery silt loam, 15 to 25 percent slopes	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
MsB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
LEF	Lackawanna and Bath soils, steep, extremely stony	0
WIC	Wellsboro channery silt loam, 8 to 15 percent slopes	0

Soil Map Unit	Description	Hydric Rating by Unit (%)
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
CnB	Chippewa silt loam, 0 to 8 percent slopes, extremely stony	92
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0
VrB	Volusia channery silt loam, 0 to 8 percent slopes, extremely stony	5
WtB	Wurtsboro extremely stony loam, 3 to 8 percent slopes	5
BrC	Braceville gravelly loam, 8 to 15 percent slopes	5
WIC	Wellsboro channery silt loam, 8 to 15 percent slopes	0
CIA	Chippewa silt loam, 0 to 3 percent slopes	95
LcB	Lackawanna channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
Sm	Strip mine	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
MsB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0
OIB	Oquaga and Lordstown channery silt loams, 3 to 8 percent slopes	0
LaC	Lackawanna channery silt loam, 8 to 15 percent slopes	0
OIC	Oquaga and Lordstown channery silt loams, 8 to 15 percent slopes	0
OIC	Oquaga and Lordstown channery silt loams, 8 to 15 percent slopes	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
WyD	Wyoming gravelly loam, 15 to 25 percent slopes	0
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
BrC	Braceville gravelly loam, 8 to 15 percent slopes	5
Sm	Strip mine	0
WtB	Wurtsboro extremely stony loam, 3 to 8 percent slopes	5
GP	Gravel pits	0
Mh	Mine dump, burned	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
Sm	Strip mine	0
CF	Cut and fill land	0
WrC	Wurtsboro channery loam, 8 to 15 percent slopes	3

Soil Map Unit	Description	Hydric Rating by Unit (%)
LaB	Lackawanna channery silt loam, 3 to 8 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
MsB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
OIB	Oquaga and Lordstown channery silt loams, 3 to 8 percent slopes	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
OID	Oquaga and Lordstown channery silt loams, 15 to 25 percent slopes	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
Ln	Linden soils	8
WIB	Wellsboro channery silt loam, 3 to 8 percent slopes	0
BrC	Braceville gravelly loam, 8 to 15 percent slopes	5
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
CF	Cut and fill land	0
WtD	Wurtsboro extremely stony loam, 8 to 25 percent slopes	3
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
ASF	Arnot-Rock outcrop complex, steep	0
WIB	Wellsboro channery silt loam, 3 to 8 percent slopes	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
GP	Gravel pits	0
ChB	Chenango gravelly loam, 3 to 8 percent slopes	0
Ln	Linden soils	8
DdB	Dekalb channery sandy loam, 0 to 8 percent slopes, rubbly	0
MoB	Morris channery silt loam, 0 to 8 percent slopes	5
LcB	Lackawanna channery silt loam, 3 to 8 percent slopes, extremely stony	0
OID	Oquaga and Lordstown channery silt loams, 15 to 25 percent slopes	0
Sm	Strip mine	0
Sm	Strip mine	0
CF	Cut and fill land	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
McD	Mardin channery silt loam, 8 to 25 percent slopes, very stony	0
WrB	Wurtsboro channery loam, 3 to 8 percent slopes	5
WrC	Wurtsboro channery loam, 8 to 15 percent slopes	3

Soil Map Unit	Description	Hydric Rating by Unit (%)
CIA	Chippewa silt loam, 0 to 3 percent slopes	95
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0
WrB	Wurtsboro channery loam, 3 to 8 percent slopes	5
ASF	Arnot-Rock outcrop complex, steep	0
DdD	Dekalb channery sandy loam, 8 to 25 percent slopes, rubbly	0
BrB	Braceville gravelly loam, 3 to 8 percent slopes	5
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0
DdB	Dekalb channery sandy loam, 0 to 8 percent slopes, rubbly	0
ChB	Chenango gravelly loam, 3 to 8 percent slopes	0
Sm	Strip mine	0
W	Water	0
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
MsB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
ArB	Arnot-Rock outcrop complex, 0 to 8 percent slopes	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
WIB	Wellsboro channery silt loam, 3 to 8 percent slopes	0
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
ChB	Chenango gravelly loam, 3 to 8 percent slopes	0
VoB	Volusia channery silt loam, 0 to 8 percent slopes	5
WtD	Wurtsboro extremely stony loam, 8 to 25 percent slopes	3
MaB	Mardin channery silt loam, 3 to 8 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
VrB	Volusia channery silt loam, 0 to 8 percent slopes, extremely stony	5
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
WrB	Wurtsboro channery loam, 3 to 8 percent slopes	5
LEF	Lackawanna and Bath soils, steep, extremely stony	0
BrB	Braceville gravelly loam, 3 to 8 percent slopes	5
WyF	Wyoming gravelly loam, 25 to 60 percent slopes	0
Mg	Mine dump	0
VoB	Volusia channery silt loam, 0 to 8 percent slopes	5



Soil Map Unit	Description	Hydric Rating by Unit (%)
McD	Mardin channery silt loam, 8 to 25 percent slopes, very stony	0
ArB	Arnot-Rock outcrop complex, 0 to 8 percent slopes	0
WtD	Wurtsboro extremely stony loam, 8 to 25 percent slopes	3
OIB	Oquaga and Lordstown channery silt loams, 3 to 8 percent slopes	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
RdB	Rexford loam, 3 to 8 percent slopes	80
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
MsB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
WIB	Wellsboro channery silt loam, 3 to 8 percent slopes	0
Sm	Strip mine	0
BrB	Braceville gravelly loam, 3 to 8 percent slopes	5
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0
OIB	Oquaga and Lordstown channery silt loams, 3 to 8 percent slopes	0
LEF	Lackawanna and Bath soils, steep, extremely stony	0
McD	Mardin channery silt loam, 8 to 25 percent slopes, very stony	0
ChC	Chenango gravelly loam, 8 to 15 percent slopes	0
At	Atherton silt loam, gray subsoil variant	90
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
VoB	Volusia channery silt loam, 0 to 8 percent slopes	5
WrC	Wurtsboro channery loam, 8 to 15 percent slopes	3
WrB	Wurtsboro channery loam, 3 to 8 percent slopes	5
Ho	Holly silt loam	95
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
Ps	Pope soils	5
OIB	Oquaga and Lordstown channery silt loams, 3 to 8 percent slopes	0
OIB	Oquaga and Lordstown channery silt loams, 3 to 8 percent slopes	0
Mh	Mine dump, burned	0
BrB	Braceville gravelly loam, 3 to 8 percent slopes	5
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
ArB	Arnot-Rock outcrop complex, 0 to 8 percent slopes	0

Soil Map Unit	Description	Hydric Rating by Unit (%)
DdD	Dekalb channery sandy loam, 8 to 25 percent slopes, rubbly	0
Mg	Mine dump	0
MaB	Mardin channery silt loam, 3 to 8 percent slopes	0
OIB	Oquaga and Lordstown channery silt loams, 3 to 8 percent slopes	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
ChC	Chenango gravelly loam, 8 to 15 percent slopes	0
CF	Cut and fill land	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
MoB	Morris channery silt loam, 0 to 8 percent slopes	5
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
WIC	Wellsboro channery silt loam, 8 to 15 percent slopes	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
ASF	Arnot-Rock outcrop complex, steep	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
VoB	Volusia channery silt loam, 0 to 8 percent slopes	5
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
MsB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
WeD	Weikert and Klinsville channery silt loams, 15 to 25 percent slopes	0
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
RdB	Rexford loam, 3 to 8 percent slopes	80
CIB	Chippewa silt loam, 3 to 8 percent slopes	90
WrB	Wurtsboro channery loam, 3 to 8 percent slopes	5
WrB	Wurtsboro channery loam, 3 to 8 percent slopes	5
WyD	Wyoming gravelly loam, 15 to 25 percent slopes	0
CF	Cut and fill land	0
ChB	Chenango gravelly loam, 3 to 8 percent slopes	0
ChB	Chenango gravelly loam, 3 to 8 percent slopes	0
ChB	Chenango gravelly loam, 3 to 8 percent slopes	0
Mg	Mine dump	0
VoB	Volusia channery silt loam, 0 to 8 percent slopes	5
CnB	Chippewa silt loam, 0 to 8 percent slopes, extremely stony	92
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
OIC	Oquaga and Lordstown channery silt loams, 8 to 15 percent slopes	0
MoB	Morris channery silt loam, 0 to 8 percent slopes	5
WtB	Wurtsboro extremely stony loam, 3 to 8 percent slopes	5
ArD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	0

Soil Map Unit	Description	Hydric Rating by Unit (%)
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
VoB	Volusia channery silt loam, 0 to 8 percent slopes	5
WIB	Wellsboro channery silt loam, 3 to 8 percent slopes	0
WtD	Wurtsboro extremely stony loam, 8 to 25 percent slopes	3
WyD	Wyoming gravelly loam, 15 to 25 percent slopes	0
WmD	Wellsboro channery silt loam, 8 to 25 percent slopes, extremely stony	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
GP	Gravel pits	0
WtD	Wurtsboro extremely stony loam, 8 to 25 percent slopes	3
Ln	Linden soils	8
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
WmB	Wellsboro channery silt loam, 3 to 8 percent slopes, extremely stony	0
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
OIB	Oquaga and Lordstown channery silt loams, 3 to 8 percent slopes	0
ArB	Arnot-Rock outcrop complex, 0 to 8 percent slopes	0
McB	Mardin channery silt loam, 3 to 8 percent slopes, very stony	4
MaB	Mardin channery silt loam, 3 to 8 percent slopes	0
OXF	Oquaga and Lordstown extremely stony silt loams steep	0
OpD	Oquaga and Lordstown extremely stony silt loams, 8 to 25 percent slopes	0
LcB	Lackawanna channery silt loam, 3 to 8 percent slopes, extremely stony	0
OpB	Oquaga and Lordstown extremely stony silt loams, 3 to 8 percent slopes	0
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
LcD	Lackawanna channery silt loam, 8 to 25 percent slopes, extremely stony	0
<b>Carbon County</b>		
FwD	Fleetwood very stony sandy loam, 8 to 25 percent slopes	0
TuC	Tunkhannock gravelly loam, 8 to 15 percent slopes	0
MbB2	Meckesville channery loam, 3 to 8 percent slopes, moderately eroded	0
DeF	Dekalb very stony loam, 25 to 100 percent slopes, very stony	0
Hy	Holly silt loam	100
LtA	Lickdale and Tughill very stony loams, 0 to 8 percent slopes	100
LkD	Leck kill very stony loam, 8 to 25 percent slopes	0
Hy	Holly silt loam	100
McB	Meckesville very stony loam, 0 to 8 percent slopes	0
Mu	Muck and Peat	90
McD	Meckesville very stony loam, 8 to 25 percent slopes	0
KcE3	Klinesville channery silt loam, 25 to 35 percent slopes, severely eroded	0
AcB	Albrights very stony loam, 0 to 8 percent slopes	20

Soil Map Unit	Description	Hydric Rating by Unit (%)
LeC2	Leck kill channery silt loam, 8 to 15 percent slopes, moderately eroded	0
BhD	Buchanan very stony loam, 8 to 25 percent slopes	5
AaB2	Albrights channery loam, 3 to 8 percent slopes moderately eroded	20
MbA	Meckesville channery loam, 0 to 3 percent slopes	0
LkB	Leck kill very stony loam, 0 to 8 percent slopes	0
AcB	Albrights very stony loam, 0 to 8 percent slopes	20
MdB	Middlebury silt loam, 3 to 8 percent slopes	10
KcC2	Klinesville channery silt loam, 8 to 15 percent slopes, moderately eroded	0
FwB	Fleetwood very stony sandy loam, 0 to 8 percent slopes	0
FtC2	Fleetwood sandy loam, 8 to 15 percent slopes, moderately eroded	0
AbA	Albrights silt loam, 0 to 3 percent slopes	20
DsB	Drifton very stony loam, 0 to 8 percent slopes	5
McB	Meckesville very stony loam, 0 to 8 percent slopes	0
Tg	Tioga silt loam	5
AcB	Albrights very stony loam, 0 to 8 percent slopes	20
KvF	Klinesville very stony silt loam, 25 to 80 percent slopes	0
DrB2	Drifton loam, 3 to 8 percent slopes, moderately eroded	5
KcC3	Klinesville channery silt loam, 8 to 15 percent slopes, severely eroded	0
CmB2	Comly silt loam, 3 to 8 percent slopes, moderately eroded	10
Hy	Holly silt loam	100
LkB	Leck kill very stony loam, 0 to 8 percent slopes	0
HvB	Hazleton very stony loam, 0 to 8 percent slopes	0
AsA	Alvira and Shelmadine silt loams, 0 to 3 percent slopes	50
LdD	Laidig very stony loam, 8 to 25 percent slopes	0
KcC3	Klinesville channery silt loam, 8 to 15 percent slopes, severely eroded	0
MoE2	Montevallo channery silt loam, 25 to 35 percent slopes, moderately eroded	0
FvF	Fleetwood very stony loam, shallow, 25 to 100 percent slopes	0
McD	Meckesville very stony loam, 8 to 25 percent slopes	0
HaB2	Hartleton channery silt loam, 3 to 8 percent slopes, moderately eroded	0
HaC2	Hartleton channery silt loam, 8 to 15 percent slopes, moderately eroded	0
KcE2	Klinesville channery silt loam, 25 to 35 percent slopes, moderately eroded	0
VsB	Volusia very stony loam, 0 to 8 percent slopes	15
HaA	Hartleton channery silt loam, 0 to 3 percent slopes	0
MbC2	Meckesville channery loam, 8 to 15 percent slopes, moderately eroded	0
MrB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
Pa	Papakating silty clay loam	95
HaC3	Hartleton channery silt loam, 8 to 15 percent slopes, severely eroded	0
MoD2	Montevallo channery silt loam, 15 to 25 percent slopes, moderately eroded	0
WsB2	Watson silt loam, 3 to 8 percent slopes, moderately eroded	10
MoB2	Montevallo channery silt loam, 3 to 8 percent slopes, moderately eroded	0



Soil Map Unit	Description	Hydric Rating by Unit (%)
McD	Meckesville very stony loam, 8 to 25 percent slopes	0
W	Water	0
LvF	Lordstown channery silt loam, 25 to 80 percent slopes, very stony	0
Tf	Tioga fine sandy loam	5
MoD2	Montevallo channery silt loam, 15 to 25 percent slopes, moderately eroded	0
MoD2	Montevallo channery silt loam, 15 to 25 percent slopes, moderately eroded	0
LeD3	Leck kill channery silt loam, 15 to 25 percent slopes, severely eroded	0
HvD	Hazleton very stony loam, 8 to 25 percent slopes	0
McD	Meckesville very stony loam, 8 to 25 percent slopes	0
VeD	Very stony land, 8 to 25 percent slopes	0
MoD2	Montevallo channery silt loam, 15 to 25 percent slopes, moderately eroded	0
KcD2	Klinesville channery silt loam, 15 to 25 percent slopes, moderately eroded	0
KcE3	Klinesville channery silt loam, 25 to 35 percent slopes, severely eroded	0
LkD	Leck kill very stony loam, 8 to 25 percent slopes	0
McD	Meckesville very stony loam, 8 to 25 percent slopes	0
KcD3	Klinesville channery silt loam, 15 to 25 percent slopes, severely eroded	0
MoC2	Montevallo channery silt loam, 8 to 15 percent slopes, moderately eroded	0
HaB2	Hartleton channery silt loam, 3 to 8 percent slopes, moderately eroded	0
KcD3	Klinesville channery silt loam, 15 to 25 percent slopes, severely eroded	0
McD	Meckesville very stony loam, 8 to 25 percent slopes	0
MoE2	Montevallo channery silt loam, 25 to 35 percent slopes, moderately eroded	0
Hy	Holly silt loam	100
TmB	Tioga and Middlebury very stony loams, 0 to 8 percent slopes	5
HtB	Hazleton loam, 3 to 8 percent slopes	0
HtB2	Hazleton loam, 3 to 8 percent slopes, moderately eroded	0
CtA	Conotton gravelly loam, 0 to 3 percent slopes	0
LeD3	Leck kill channery silt loam, 15 to 25 percent slopes, severely eroded	0
DeD	Dekalb very stony loam, 8 to 25 percent slopes, very stony	0
MoE2	Montevallo channery silt loam, 25 to 35 percent slopes, moderately eroded	0
KvF	Klinesville very stony silt loam, 25 to 80 percent slopes	0
SmB	Shelmadine very stony silt loam, 0 to 8 percent slopes	100
HaB2	Hartleton channery silt loam, 3 to 8 percent slopes, moderately eroded	0
MbC2	Meckesville channery loam, 8 to 15 percent slopes, moderately eroded	0
MbC2	Meckesville channery loam, 8 to 15 percent slopes, moderately eroded	0
LtA	Lickdale and Tughill very stony loams, 0 to 8 percent slopes	100
ShA	Shelmadine silt loam, 0 to 3 percent slopes	100
HtA	Hazleton loam, 0 to 3 percent slopes	0
HvD	Hazleton very stony loam, 8 to 25 percent slopes	0
DeD	Dekalb very stony loam, 8 to 25 percent slopes, very stony	0
LkD	Leck kill very stony loam, 8 to 25 percent slopes	0

Soil Map Unit	Description	Hydric Rating by Unit (%)
HtA	Hazleton loam, 0 to 3 percent slopes	0
SmB	Shelmadine very stony silt loam, 0 to 8 percent slopes	100
KvF	Klinesville very stony silt loam, 25 to 80 percent slopes	0
KcC3	Klinesville channery silt loam, 8 to 15 percent slopes, severely eroded	0
MoC2	Montevallo channery silt loam, 8 to 15 percent slopes, moderately eroded	0
MoE2	Montevallo channery silt loam, 25 to 35 percent slopes, moderately eroded	0
McB	Meckesville very stony loam, 0 to 8 percent slopes	0
McB	Meckesville very stony loam, 0 to 8 percent slopes	0
SmB	Shelmadine very stony silt loam, 0 to 8 percent slopes	100
LeA	Leck kill channery silt loam, 0 to 3 percent slopes	0
LkF	Leck kill very stony loam, 25 to 100 percent slopes	0
VeF	Very stony land, 25 to 120 percent slopes	0
LvD	Lordstown channery silt loam, 8 to 25 percent slopes, very stony	0
Hy	Holly silt loam	100
Hy	Holly silt loam	100
VeF	Very stony land, 25 to 120 percent slopes	0
LkD	Leck kill very stony loam, 8 to 25 percent slopes	0
McD	Meckesville very stony loam, 8 to 25 percent slopes	0
AcB	Albrights very stony loam, 0 to 8 percent slopes	20
AcB	Albrights very stony loam, 0 to 8 percent slopes	20
MrB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
LtA	Lickdale and Tughill very stony loams, 0 to 8 percent slopes	100
LeC2	Leck kill channery silt loam, 8 to 15 percent slopes, moderately eroded	0
KcE3	Klinesville channery silt loam, 25 to 35 percent slopes, severely eroded	0
MoB2	Montevallo channery silt loam, 3 to 8 percent slopes, moderately eroded	0
KcC2	Klinesville channery silt loam, 8 to 15 percent slopes, moderately eroded	0
MoC2	Montevallo channery silt loam, 8 to 15 percent slopes, moderately eroded	0
McB	Meckesville very stony loam, 0 to 8 percent slopes	0
AbB2	Albrights silt loam 3 to 8 percent slopes moderately eroded	20
TmB	Tioga and Middlebury very stony loams, 0 to 8 percent slopes	5
AbB2	Albrights silt loam 3 to 8 percent slopes moderately eroded	20
MoB2	Montevallo channery silt loam, 3 to 8 percent slopes, moderately eroded	0
KcD2	Klinesville channery silt loam, 15 to 25 percent slopes, moderately eroded	0
MoC2	Montevallo channery silt loam, 8 to 15 percent slopes, moderately eroded	0
KcC2	Klinesville channery silt loam, 8 to 15 percent slopes, moderately eroded	0
MoD2	Montevallo channery silt loam, 15 to 25 percent slopes, moderately eroded	0
LdB	Laidig very stony loam, 3 to 8 percent slopes	0
AcB	Albrights very stony loam, 0 to 8 percent slopes	20
AtB	Alvira and Shelmadine very stony silt loams, 0 to 8 percent slopes	50
KcE3	Klinesville channery silt loam, 25 to 35 percent slopes, severely eroded	0

Soil Map Unit	Description	Hydric Rating by Unit (%)
KcD2	Klinesville channery silt loam, 15 to 25 percent slopes, moderately eroded	0
KcC2	Klinesville channery silt loam, 8 to 15 percent slopes, moderately eroded	0
MoE2	Montevallo channery silt loam, 25 to 35 percent slopes, moderately eroded	0
KcF	Klinesville channery silt loam, 35 to 80 percent slopes	0
MoD3	Montevallo channery silt loam, 15 to 25 percent slopes, severely eroded	0
AcB	Albrights very stony loam, 0 to 8 percent slopes	20
AsA	Alvira and Shelmadine silt loams, 0 to 3 percent slopes	50
AbB2	Albrights silt loam 3 to 8 percent slopes moderately eroded	20
SmB	Shelmadine very stony silt loam, 0 to 8 percent slopes	100
SwB	Swartswood very stony loam, 0 to 8 percent slopes	0
DsB	Drifton very stony loam, 0 to 8 percent slopes	5
KvF	Klinesville very stony silt loam, 25 to 80 percent slopes	0
LkF	Leck kill very stony loam, 25 to 100 percent slopes	0
SmB	Shelmadine very stony silt loam, 0 to 8 percent slopes	100
LkD	Leck kill very stony loam, 8 to 25 percent slopes	0
LkD	Leck kill very stony loam, 8 to 25 percent slopes	0
NvB	Norwich soils, 0 to 8 percent slopes, extremely stony	95
LkF	Leck kill very stony loam, 25 to 100 percent slopes	0
SwD	Swartswood very stony loam, 8 to 25 percent slopes	0
TmB	Tioga and Middlebury very stony loams, 0 to 8 percent slopes	5
MoB2	Montevallo channery silt loam, 3 to 8 percent slopes, moderately eroded	0
KcC3	Klinesville channery silt loam, 8 to 15 percent slopes, severely eroded	0
KcC3	Klinesville channery silt loam, 8 to 15 percent slopes, severely eroded	0
MdB	Middlebury silt loam, 3 to 8 percent slopes	10
AdB2	Allenwood gravelly loam and silt loam, 3 to 8 percent slopes, moderately eroded	0
McD	Meckesville very stony loam, 8 to 25 percent slopes	0
MdB	Middlebury silt loam, 3 to 8 percent slopes	10
MoB2	Montevallo channery silt loam, 3 to 8 percent slopes, moderately eroded	0
DrA	Drifton loam, 0 to 3 percent slopes	5
MoE2	Montevallo channery silt loam, 25 to 35 percent slopes, moderately eroded	0
TuB	Tunkhannock gravelly loam, 3 to 8 percent slopes	0
AcB	Albrights very stony loam, 0 to 8 percent slopes	20
VeF	Very stony land, 25 to 120 percent slopes	0
McD	Meckesville very stony loam, 8 to 25 percent slopes	0
McB	Meckesville very stony loam, 0 to 8 percent slopes	0
MrB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
DeD	Dekalb very stony loam, 8 to 25 percent slopes, very stony	0
MoD2	Montevallo channery silt loam, 15 to 25 percent slopes, moderately eroded	0
WvB	Wurtsboro very stony loam, 0 to 8 percent slopes	10

Soil Map Unit	Description	Hydric Rating by Unit (%)
AcB	Albrights very stony loam, 0 to 8 percent slopes	20
AbB2	Albrights silt loam 3 to 8 percent slopes moderately eroded	20
KcD3	Klinesville channery silt loam, 15 to 25 percent slopes, severely eroded	0
MoE2	Montevallo channery silt loam, 25 to 35 percent slopes, moderately eroded	0
KvF	Klinesville very stony silt loam, 25 to 80 percent slopes	0
LdB	Laidig very stony loam, 3 to 8 percent slopes	0
MoC2	Montevallo channery silt loam, 8 to 15 percent slopes, moderately eroded	0
McD	Meckesville very stony loam, 8 to 25 percent slopes	0
KcE3	Klinesville channery silt loam, 25 to 35 percent slopes, severely eroded	0
ArB	Alvira very stony silt loam, 0 to 8 percent slopes	10
MoD2	Montevallo channery silt loam, 15 to 25 percent slopes, moderately eroded	0
MoC2	Montevallo channery silt loam, 8 to 15 percent slopes, moderately eroded	0
DeD	Dekalb very stony loam, 8 to 25 percent slopes, very stony	0
LkF	Leck kill very stony loam, 25 to 100 percent slopes	0
ArB	Alvira very stony silt loam, 0 to 8 percent slopes	10
MoF2	Montevallo channery silt loam, 35 to 100 percent slopes, eroded	0
MoC2	Montevallo channery silt loam, 8 to 15 percent slopes, moderately eroded	0
LtA	Lickdale and Tughill very stony loams, 0 to 8 percent slopes	100
AtB	Alvira and Shelmadine very stony silt loams, 0 to 8 percent slopes	50
MoD2	Montevallo channery silt loam, 15 to 25 percent slopes, moderately eroded	0
Hy	Holly silt loam	100
SwB	Swartswood very stony loam, 0 to 8 percent slopes	0
McD	Meckesville very stony loam, 8 to 25 percent slopes	0
MdB	Middlebury silt loam, 3 to 8 percent slopes	10
MoC2	Montevallo channery silt loam, 8 to 15 percent slopes, moderately eroded	0
FvD	Fleetwood very stony loam, shallow, 8 to 25 percent slopes	0
KcC3	Klinesville channery silt loam, 8 to 15 percent slopes, severely eroded	0
LeC3	Leck kill channery silt loam, 8 to 15 percent slopes, severely eroded	0
AmC3	Allenwood gravelly silty clay loam, 8 to 15 percent slopes, severely eroded	0
LeB2	Leck kill channery silt loam, 3 to 8 percent slopes, moderately eroded	0
MoC2	Montevallo channery silt loam, 8 to 15 percent slopes, moderately eroded	0
HvB	Hazleton very stony loam, 0 to 8 percent slopes	0
W	Water	0
MbA	Meckesville channery loam, 0 to 3 percent slopes	0
ArB	Alvira very stony silt loam, 0 to 8 percent slopes	10
LtA	Lickdale and Tughill very stony loams, 0 to 8 percent slopes	100
FvF	Fleetwood very stony loam, shallow, 25 to 100 percent slopes	0
FwD	Fleetwood very stony sandy loam, 8 to 25 percent slopes	0
KcC2	Klinesville channery silt loam, 8 to 15 percent slopes, moderately eroded	0
KcB2	Klinesville channery silt loam, 3 to 8 percent slopes, moderately eroded	0

Soil Map Unit	Description	Hydric Rating by Unit (%)
DeF	Dekalb very stony loam, 25 to 100 percent slopes, very stony	0
MoB2	Montevallo channery silt loam, 3 to 8 percent slopes, moderately eroded	0
MoC2	Montevallo channery silt loam, 8 to 15 percent slopes, moderately eroded	0
MoB2	Montevallo channery silt loam, 3 to 8 percent slopes, moderately eroded	0
MoB2	Montevallo channery silt loam, 3 to 8 percent slopes, moderately eroded	0
AbA	Albrights silt loam, 0 to 3 percent slopes	20
AcB	Albrights very stony loam, 0 to 8 percent slopes	20
MrB	Morris channery silt loam, 0 to 8 percent slopes, extremely stony	5
Mu	Muck and Peat	90
ArB	Alvira very stony silt loam, 0 to 8 percent slopes	10
NvB	Norwich soils, 0 to 8 percent slopes, extremely stony	95
VeF	Very stony land, 25 to 120 percent slopes	0
SmB	Shelmadine very stony silt loam, 0 to 8 percent slopes	100
McB	Meckesville very stony loam, 0 to 8 percent slopes	0
LkD	Leck kill very stony loam, 8 to 25 percent slopes	0
FvF	Fleetwood very stony loam, shallow, 25 to 100 percent slopes	0
KcE2	Klinesville channery silt loam, 25 to 35 percent slopes, moderately eroded	0
KcD3	Klinesville channery silt loam, 15 to 25 percent slopes, severely eroded	0
KcB2	Klinesville channery silt loam, 3 to 8 percent slopes, moderately eroded	0
KcC3	Klinesville channery silt loam, 8 to 15 percent slopes, severely eroded	0
LeB2	Leck kill channery silt loam, 3 to 8 percent slopes, moderately eroded	0
MoD2	Montevallo channery silt loam, 15 to 25 percent slopes, moderately eroded	0
MoD2	Montevallo channery silt loam, 15 to 25 percent slopes, moderately eroded	0
SsB	Swartwood channery silt loam, 0 to 8 percent slopes	0
LkD	Leck kill very stony loam, 8 to 25 percent slopes	0
SmB	Shelmadine very stony silt loam, 0 to 8 percent slopes	100
Hy	Holly silt loam	100
AcB	Albrights very stony loam, 0 to 8 percent slopes	20
Pa	Papakating silty clay loam	95
AnB	Alvira gravelly silt loam, 0 to 8 percent slopes	20
HaB2	Hartleton channery silt loam, 3 to 8 percent slopes, moderately eroded	0
MoE2	Montevallo channery silt loam, 25 to 35 percent slopes, moderately eroded	0
Hy	Holly silt loam	100
MoC2	Montevallo channery silt loam, 8 to 15 percent slopes, moderately eroded	0
MoB2	Montevallo channery silt loam, 3 to 8 percent slopes, moderately eroded	0
MoB2	Montevallo channery silt loam, 3 to 8 percent slopes, moderately eroded	0
KvF	Klinesville very stony silt loam, 25 to 80 percent slopes	0
MoC2	Montevallo channery silt loam, 8 to 15 percent slopes, moderately eroded	0
HtB2	Hazleton loam, 3 to 8 percent slopes, moderately eroded	0
McB	Meckesville very stony loam, 0 to 8 percent slopes	0



Soil Map Unit	Description	Hydric Rating by Unit (%)
KcD2	Klinesville channery silt loam, 15 to 25 percent slopes, moderately eroded	0
HaB2	Hartleton channery silt loam, 3 to 8 percent slopes, moderately eroded	0
LkD	Leck kill very stony loam, 8 to 25 percent slopes	0
HtA	Hazleton loam, 0 to 3 percent slopes	0
KcD3	Klinesville channery silt loam, 15 to 25 percent slopes, severely eroded	0
McD	Meckesville very stony loam, 8 to 25 percent slopes	0
<b>Monroe County</b>		
MfC	Meckesville very stony loam, 8 to 25 percent slopes	0
WKE	Weikert and Klinesville soils, steep	0
DxE	Dekalb very stony loam, 25 to 100 percent slopes, very stony	0
MeC	Meckesville gravelly loam, 8 to 15 percent slopes	0
DxB	Dekalb extremely stony loam, 0 to 8 percent slopes	0
<b>Northampton County</b>		
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
CpA	Comly silt loam, 0 to 3 percent slopes	5
CoB	Cokesbury-Califon channery silt loams, 0 to 8 percent slopes, very stony	58
CaB	Califon loam, 3 to 8 percent slopes	8
ClA	Clarksburg silt loam, 0 to 3 percent slopes	5
WaA	Washington silt loam, 0 to 3 percent slopes	1
WkC	Weikert-Berks complex, 8 to 15 percent slopes	0
CrB	Comly silt loam, 0 to 8 percent slopes, extremely stony	1
W	Water	0
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
W	Water	0
AoB	Andover-Buchanan gravelly loams, 0 to 8 percent slopes, extremely stony	55
AfB	Allenwood silt loam, 3 to 8 percent slopes	1
GmD	Gladstone gravelly loam, 8 to 25 percent slopes, very bouldery	5
ClA	Clarksburg silt loam, 0 to 3 percent slopes	5
GmD	Gladstone gravelly loam, 8 to 25 percent slopes, very bouldery	5
CnB	Cokesbury silt loam, 3 to 8 percent slopes	93
WaB	Washington silt loam, 3 to 8 percent slopes	1
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
UbB	Udorthents, limestone, 0 to 8 percent slopes	0
WaB	Washington silt loam, 3 to 8 percent slopes	1
RzF	Ryder-Rock outcrop complex, 25 to 75 percent slopes	0
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
WkD	Weikert-Berks complex, 15 to 25 percent slopes	5
Gb	Gibraltar silt loam	5
WaB	Washington silt loam, 3 to 8 percent slopes	1
GmF	Gladstone gravelly loam, 25 to 55 percent slopes, very bouldery	5

Soil Map Unit	Description	Hydric Rating by Unit (%)
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
Fl	Fluvaquents	91
RzF	Ryder-Rock outcrop complex, 25 to 75 percent slopes	0
WaB	Washington silt loam, 3 to 8 percent slopes	1
Ho	Holly silt loam	96
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
BkA	Berks-Weikert complex, 0 to 3 percent slopes	5
WaA	Washington silt loam, 0 to 3 percent slopes	1
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
GmD	Gladstone gravelly loam, 8 to 25 percent slopes, very bouldery	5
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
GIB	Gladstone gravelly loam, 3 to 8 percent slopes	0
UgD	Udorthents, schist and gneiss, 8 to 25 percent slopes	1
CaB	Califon loam, 3 to 8 percent slopes	8
UudB	Urban land-Udorthents, limestone complex, 0 to 8 percent slopes	0
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
GmF	Gladstone gravelly loam, 25 to 55 percent slopes, very bouldery	5
BvB	Buchanan gravelly loam, 0 to 8 percent slopes, extremely stony	5
GnD	Gladstone-Parker gravelly loams, 15 to 25 percent slopes	0
RzF	Ryder-Rock outcrop complex, 25 to 75 percent slopes	0
GmD	Gladstone gravelly loam, 8 to 25 percent slopes, very bouldery	5
AfB	Allenwood silt loam, 3 to 8 percent slopes	1
CIA	Clarksburg silt loam, 0 to 3 percent slopes	5
GnD	Gladstone-Parker gravelly loams, 15 to 25 percent slopes	0
GIB	Gladstone gravelly loam, 3 to 8 percent slopes	0
Ho	Holly silt loam	96
CaB	Califon loam, 3 to 8 percent slopes	8
GIB	Gladstone gravelly loam, 3 to 8 percent slopes	0
UpB	Urban land-Gladstone complex, 0 to 8 percent slopes	5
UkaB	Urban land, 0 to 8 percent slopes	0
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
BkA	Berks-Weikert complex, 0 to 3 percent slopes	5
WaA	Washington silt loam, 0 to 3 percent slopes	1
AfB	Allenwood silt loam, 3 to 8 percent slopes	1
RzF	Ryder-Rock outcrop complex, 25 to 75 percent slopes	0
BtA	Brinkerton-Comly silt loams, 0 to 3 percent slopes	75
AnB	Andover-Buchanan gravelly loams, 3 to 8 percent slopes	55
CpB	Comly silt loam, 3 to 8 percent slopes	5
WaA	Washington silt loam, 0 to 3 percent slopes	1
WaB	Washington silt loam, 3 to 8 percent slopes	1

Soil Map Unit	Description	Hydric Rating by Unit (%)
CIA	Clarksburg silt loam, 0 to 3 percent slopes	5
WaA	Washington silt loam, 0 to 3 percent slopes	1
AfB	Allenwood silt loam, 3 to 8 percent slopes	1
GnD	Gladstone-Parker gravelly loams, 15 to 25 percent slopes	0
GnD	Gladstone-Parker gravelly loams, 15 to 25 percent slopes	0
GIB	Gladstone gravelly loam, 3 to 8 percent slopes	0
CaB	Califon loam, 3 to 8 percent slopes	8
CnB	Cokesbury silt loam, 3 to 8 percent slopes	93
GmD	Gladstone gravelly loam, 8 to 25 percent slopes, very bouldery	5
GmF	Gladstone gravelly loam, 25 to 55 percent slopes, very bouldery	5
GmF	Gladstone gravelly loam, 25 to 55 percent slopes, very bouldery	5
UkaB	Urban land, 0 to 8 percent slopes	0
CpB	Comly silt loam, 3 to 8 percent slopes	5
BvB	Buchanan gravelly loam, 0 to 8 percent slopes, extremely stony	5
BkD	Berks-Weikert complex, 15 to 25 percent slopes	4
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
BtA	Brinkerton-Comly silt loams, 0 to 3 percent slopes	75
BkA	Berks-Weikert complex, 0 to 3 percent slopes	5
BkF	Berks-Weikert complex, 25 to 60 percent slopes	2
CpA	Comly silt loam, 0 to 3 percent slopes	5
CpA	Comly silt loam, 0 to 3 percent slopes	5
DuB	Duffield silt loam, 3 to 8 percent slopes	2
UkaB	Urban land, 0 to 8 percent slopes	0
CIA	Clarksburg silt loam, 0 to 3 percent slopes	5
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
BkD	Berks-Weikert complex, 15 to 25 percent slopes	4
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
CbB	Califon loam, 0 to 8 percent slopes, extremely stony	4
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
GmB	Gladstone gravelly loam, 0 to 8 percent slopes, very bouldery	5
CbB	Califon loam, 0 to 8 percent slopes, extremely stony	4
CpA	Comly silt loam, 0 to 3 percent slopes	5
GmF	Gladstone gravelly loam, 25 to 55 percent slopes, very bouldery	5
CaB	Califon loam, 3 to 8 percent slopes	8
WaC	Washington silt loam, 8 to 15 percent slopes	0
WkB	Weikert-Berks complex, 3 to 8 percent slopes	5
BkF	Berks-Weikert complex, 25 to 60 percent slopes	2

Soil Map Unit	Description	Hydric Rating by Unit (%)
CIB	Clarksburg silt loam, 3 to 8 percent slopes	5
BfB	Bedington-Berks complex, 3 to 8 percent slopes	3
UoB	Urban land-Duffield complex, 0 to 8 percent slopes	2
UusB	Urban land-Udorthents, shale and sandstone complex, 0 to 8 percent slopes	0
Ho	Holly silt loam	96
UkaB	Urban land, 0 to 8 percent slopes	0
BuB	Buchanan gravelly loam, 3 to 8 percent slopes	10
CpB	Comly silt loam, 3 to 8 percent slopes	5
CpB	Comly silt loam, 3 to 8 percent slopes	5
DvC	Duffield-Ryder silt loams, 8 to 15 percent slopes	3
UoB	Urban land-Duffield complex, 0 to 8 percent slopes	2
UkaB	Urban land, 0 to 8 percent slopes	0
BfB	Bedington-Berks complex, 3 to 8 percent slopes	3
UID	Urban land-Berks complex, 8 to 25 percent slopes	5
BkD	Berks-Weikert complex, 15 to 25 percent slopes	4
RyB	Ryder-Duffield silt loams, 3 to 8 percent slopes	0
WkD	Weikert-Berks complex, 15 to 25 percent slopes	5
UupD	Urban land-Udorthents, schist and gneiss complex, 8 to 25 percent slopes	1
CaB	Califon loam, 3 to 8 percent slopes	8
GmD	Gladstone gravelly loam, 8 to 25 percent slopes, very bouldery	5
GmF	Gladstone gravelly loam, 25 to 55 percent slopes, very bouldery	5
WaC	Washington silt loam, 8 to 15 percent slopes	0
GIB	Gladstone gravelly loam, 3 to 8 percent slopes	0
CnB	Cokesbury silt loam, 3 to 8 percent slopes	93
CoB	Cokesbury-Califon channery silt loams, 0 to 8 percent slopes, very stony	58
GmF	Gladstone gravelly loam, 25 to 55 percent slopes, very bouldery	5
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
BfB	Bedington-Berks complex, 3 to 8 percent slopes	3
GIB	Gladstone gravelly loam, 3 to 8 percent slopes	0
WaB	Washington silt loam, 3 to 8 percent slopes	1
UupD	Urban land-Udorthents, schist and gneiss complex, 8 to 25 percent slopes	1
GIB	Gladstone gravelly loam, 3 to 8 percent slopes	0
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
BkD	Berks-Weikert complex, 15 to 25 percent slopes	4
LbB	Laidig very gravelly loam, 0 to 8 percent slopes, extremely stony	4
UoB	Urban land-Duffield complex, 0 to 8 percent slopes	2
GIB	Gladstone gravelly loam, 3 to 8 percent slopes	0
GmD	Gladstone gravelly loam, 8 to 25 percent slopes, very bouldery	5
UusB	Urban land-Udorthents, shale and sandstone complex, 0 to 8 percent slopes	0
BtA	Brinkerton-Comly silt loams, 0 to 3 percent slopes	75

Soil Map Unit	Description	Hydric Rating by Unit (%)
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
LbF	Laidig very gravelly loam, 25 to 65 percent slopes, extremely stony	5
BkD	Berks-Weikert complex, 15 to 25 percent slopes	4
CnB	Cokesbury silt loam, 3 to 8 percent slopes	93
LbD	Laidig very gravelly loam, 8 to 25 percent slopes, extremely stony	4
BkD	Berks-Weikert complex, 15 to 25 percent slopes	4
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
UupB	Urban land-Udorhents, schist and gneiss complex, 0 to 8 percent slopes	1
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
WkD	Weikert-Berks complex, 15 to 25 percent slopes	5
BkD	Berks-Weikert complex, 15 to 25 percent slopes	4
CpB	Comly silt loam, 3 to 8 percent slopes	5
Mb	Middlebury silt loam	5
GmD	Gladstone gravelly loam, 8 to 25 percent slopes, very bouldery	5
GnD	Gladstone-Parker gravelly loams, 15 to 25 percent slopes	0
BkF	Berks-Weikert complex, 25 to 60 percent slopes	2
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
UoB	Urban land-Duffield complex, 0 to 8 percent slopes	2
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
CpB	Comly silt loam, 3 to 8 percent slopes	5
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
WaB	Washington silt loam, 3 to 8 percent slopes	1
WaD	Washington silt loam, 15 to 25 percent slopes	1
WaD	Washington silt loam, 15 to 25 percent slopes	1
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
CIA	Clarksburg silt loam, 0 to 3 percent slopes	5
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
GmF	Gladstone gravelly loam, 25 to 55 percent slopes, very bouldery	5
CIB	Clarksburg silt loam, 3 to 8 percent slopes	5
DuB	Duffield silt loam, 3 to 8 percent slopes	2
DuB	Duffield silt loam, 3 to 8 percent slopes	2
AoB	Andover-Buchanan gravelly loams, 0 to 8 percent slopes, extremely stony	55
HeD	Hazleton very channery loam, 8 to 25 percent slopes, extremely stony	0
BkD	Berks-Weikert complex, 15 to 25 percent slopes	4
RyB	Ryder-Duffield silt loams, 3 to 8 percent slopes	0
BkD	Berks-Weikert complex, 15 to 25 percent slopes	4



Soil Map Unit	Description	Hydric Rating by Unit (%)
UkaB	Urban land, 0 to 8 percent slopes	0
BfB	Bedington-Berks complex, 3 to 8 percent slopes	3
CIB	Clarksburg silt loam, 3 to 8 percent slopes	5
DuA	Duffield silt loam, 0 to 3 percent slopes	2
WkB	Weikert-Berks complex, 3 to 8 percent slopes	5
WkC	Weikert-Berks complex, 8 to 15 percent slopes	0
WkD	Weikert-Berks complex, 15 to 25 percent slopes	5
AnA	Andover-Buchanan gravelly loams, 0 to 3 percent slopes	55
UoB	Urban land-Duffield complex, 0 to 8 percent slopes	2
GIB	Gladstone gravelly loam, 3 to 8 percent slopes	0
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
WaC	Washington silt loam, 8 to 15 percent slopes	0
CaB	Califon loam, 3 to 8 percent slopes	8
UbB	Udorthents, limestone, 0 to 8 percent slopes	0
DuA	Duffield silt loam, 0 to 3 percent slopes	2
GmD	Gladstone gravelly loam, 8 to 25 percent slopes, very bouldery	5
BkF	Berks-Weikert complex, 25 to 60 percent slopes	2
BkF	Berks-Weikert complex, 25 to 60 percent slopes	2
BkD	Berks-Weikert complex, 15 to 25 percent slopes	4
DuB	Duffield silt loam, 3 to 8 percent slopes	2
WaC	Washington silt loam, 8 to 15 percent slopes	0
WaA	Washington silt loam, 0 to 3 percent slopes	1
WaC	Washington silt loam, 8 to 15 percent slopes	0
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
WkD	Weikert-Berks complex, 15 to 25 percent slopes	5
WaB	Washington silt loam, 3 to 8 percent slopes	1
BkF	Berks-Weikert complex, 25 to 60 percent slopes	2
GnD	Gladstone-Parker gravelly loams, 15 to 25 percent slopes	0
BkF	Berks-Weikert complex, 25 to 60 percent slopes	2
BtB	Brinkerton-Comly silt loams, 3 to 8 percent slopes	75
CpB	Comly silt loam, 3 to 8 percent slopes	5
BkA	Berks-Weikert complex, 0 to 3 percent slopes	5
BfB	Bedington-Berks complex, 3 to 8 percent slopes	3
BfA	Bedington-Berks complex, 0 to 3 percent slopes	2
CIB	Clarksburg silt loam, 3 to 8 percent slopes	5
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
WkD	Weikert-Berks complex, 15 to 25 percent slopes	5
WaA	Washington silt loam, 0 to 3 percent slopes	1
DaA	Delaware fine sandy loam, 0 to 3 percent slopes	2
WaA	Washington silt loam, 0 to 3 percent slopes	1

Soil Map Unit	Description	Hydric Rating by Unit (%)
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
CpB	Comly silt loam, 3 to 8 percent slopes	5
BkA	Berks-Weikert complex, 0 to 3 percent slopes	5
WaA	Washington silt loam, 0 to 3 percent slopes	1
CIA	Clarksburg silt loam, 0 to 3 percent slopes	5
WaA	Washington silt loam, 0 to 3 percent slopes	1
WaB	Washington silt loam, 3 to 8 percent slopes	1
UhD	Udorthents, shale and sandstone, 8 to 25 percent slopes	5
WaB	Washington silt loam, 3 to 8 percent slopes	1
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
HeB	Hazleton very channery loam, 0 to 8 percent slopes, extremely stony	0
UupD	Urban land-Udorthents, schist and gneiss complex, 8 to 25 percent slopes	1
UoB	Urban land-Duffield complex, 0 to 8 percent slopes	2
Ho	Holly silt loam	96
BuB	Buchanan gravelly loam, 3 to 8 percent slopes	10
WaA	Washington silt loam, 0 to 3 percent slopes	1
CIA	Clarksburg silt loam, 0 to 3 percent slopes	5
UudB	Urban land-Udorthents, limestone complex, 0 to 8 percent slopes	0
WaA	Washington silt loam, 0 to 3 percent slopes	1
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
BtB	Brinkerton-Comly silt loams, 3 to 8 percent slopes	75
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
CpB	Comly silt loam, 3 to 8 percent slopes	5
WaB	Washington silt loam, 3 to 8 percent slopes	1
DaA	Delaware fine sandy loam, 0 to 3 percent slopes	2
WaC	Washington silt loam, 8 to 15 percent slopes	0
WaA	Washington silt loam, 0 to 3 percent slopes	1
WaB	Washington silt loam, 3 to 8 percent slopes	1
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
BkC	Berks-Weikert complex, 8 to 15 percent slopes	4
UoB	Urban land-Duffield complex, 0 to 8 percent slopes	2
UudD	Urban land-Udorthents, limestone complex, 8 to 25 percent slopes	0
WaA	Washington silt loam, 0 to 3 percent slopes	1
WaB	Washington silt loam, 3 to 8 percent slopes	1
UudD	Urban land-Udorthents, limestone complex, 8 to 25 percent slopes	0
WaA	Washington silt loam, 0 to 3 percent slopes	1
WaB	Washington silt loam, 3 to 8 percent slopes	1
UoB	Urban land-Duffield complex, 0 to 8 percent slopes	2
WaB	Washington silt loam, 3 to 8 percent slopes	1
WaB	Washington silt loam, 3 to 8 percent slopes	1

Soil Map Unit	Description	Hydric Rating by Unit (%)
HgF	Hazleton-Rubble land complex, 25 to 60 percent slopes	0
AnB	Andover-Buchanan gravelly loams, 3 to 8 percent slopes	55
UudB	Urban land-Udorthents, limestone complex, 0 to 8 percent slopes	0
BkB	Berks-Weikert complex, 3 to 8 percent slopes	4
<b>Bucks County</b>		
GIB	Gladstone gravelly loam, 3 to 8 percent slopes	0
Pr	Pits, quarry	0
DaB	Delaware fine sandy loam, 3 to 8 percent slopes	3
W	Water	0
WaC	Washington silt loam, 8 to 15 percent slopes	0
CmB	Clarksburg silt loam, 3 to 8 percent slopes	5
WaB	Washington silt loam, 3 to 8 percent slopes	1
GmD	Gladstone gravelly loam, 8 to 25 percent slopes, very bouldery	5
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
GIB	Gladstone gravelly loam, 3 to 8 percent slopes	0
AIB	Alton gravelly loam, 3 to 8 percent slopes	0
DgC	Duffield-Ryder silt loams, 8 to 15 percent slopes	3
WeB	Weikert channery silt loam, 0 to 8 percent slopes	0
WaB	Washington silt loam, 3 to 8 percent slopes	1
GIC	Gladstone gravelly loam, 8 to 15 percent slopes	0
DgC	Duffield-Ryder silt loams, 8 to 15 percent slopes	3
DaA	Delaware fine sandy loam, 0 to 3 percent slopes	2
GrB	Glenville silt loam, 3 to 8 percent slopes	5

**Table B-3  
Field Identified Wetlands – Pennsylvania**

Milepost	County <sup>1</sup>	Latitude <sup>2</sup>	Longitude <sup>2</sup>	Wetland ID <sup>3</sup>	Wetland Cover Type <sup>4</sup>	USGS HUC-8 Watershed	Anticipated Resource Classification Value <sup>5</sup>	Total Acres Delineated
<b>Penn East Main Line</b>								
0R1	Luzerne	41.346147	-75.945504	102315_WA_001_PFO	PFO	Upper Susquehanna-Lackawanna		1.71
0R1	Luzerne	41.349080	-75.948021	010716_GM_1002_PEM	PEM	Upper Susquehanna-Lackawanna	Exceptional (iii)	0.93
0R1	Luzerne	41.347686	-75.947223	010716_GM_1001_PEM	PEM	Upper Susquehanna-Lackawanna	Exceptional (iii)	0.11
0R1	Luzerne	41.346432	-75.944545	050715_JC_1001_PSS	PSS	Upper Susquehanna-Lackawanna	Exceptional (iii)	1.93
0R1	Luzerne	41.346026	-75.944907	032916_BT_003_PEM	PEM	Upper Susquehanna-Lackawanna		0.12
0R1	Luzerne	41.347741	-75.947111	010716_GM_1001_PSS	PSS	Upper Susquehanna-Lackawanna	Exceptional (iii)	0.04
0R1	Luzerne	41.349278	-75.948038	053117_MB_1001_PSS	PSS	Upper Susquehanna-Lackawanna	Exceptional (iii)	0.17
0R1	Luzerne	41.349393	-75.948133	053117_MB_1001_PEM	PEM	Upper Susquehanna-Lackawanna	Exceptional (iii)	0.14
0.1	Luzerne	41.345375	-75.943072	050715_JC_1001b_PEM	PEM	Upper Susquehanna-Lackawanna	Exceptional (iii)	0.25
0.1	Luzerne	41.346170	-75.944512	050715_JC_1001a_PEM	PEM	Upper Susquehanna-Lackawanna	Exceptional (iii)	0.08
1.4	Luzerne	41.341156	-75.922019	032818_WA_001_PFO	PFO	Upper Susquehanna-Lackawanna	Exceptional (iii)	0.38
2.1	Luzerne	41.337817	-75.910403	050416_DB_1001_PFO	PFO	Upper Susquehanna-Lackawanna	Other	0.38
2.6	Luzerne	41.332021	-75.904259	011815_JC_001_PEM	PEM	Upper Susquehanna-Lackawanna		0.02
3.1	Luzerne	41.325523	-75.899705	011815_JC_002_PFO	PFO	Upper Susquehanna-Lackawanna	Exceptional (iii)	1.10
3.1	Luzerne	41.326233	-75.899451	011815_JC_002_PEM	PEM	Upper Susquehanna-Lackawanna		0.06
4.3R2	Luzerne	41.322858	-75.878951	020916_BT_1001_PEM	PEM	Upper Susquehanna-Lackawanna		0.03
4.3R2	Luzerne	41.321893	-75.878600	020916_BT_1002_PUB	PUB	Upper Susquehanna-Lackawanna		0.29
5.6	Luzerne	41.309810	-75.859603	092314_GO_002_PSS	PSS	Upper Susquehanna-Lackawanna		0.15
5.8	Luzerne	41.309767	-75.856496	092314_GO_003_PSS	PSS	Upper Susquehanna-Lackawanna	Other	0.10
6	Luzerne	41.308132	-75.854083	092314_GO_001_PSS	PSS	Upper Susquehanna-Lackawanna	Other	0.02
6.1	Luzerne	41.307005	-75.853047	092414_GO_002_PUB	PUB	Upper Susquehanna-Lackawanna		0.16
6.5R2	Luzerne	41.304016	-75.845346	110915_WA_001_PEM	PEM	Upper Susquehanna-Lackawanna		0.03
6.5R2	Luzerne	41.304255	-75.845265	110915_WA_002_PEM	PEM	Upper Susquehanna-Lackawanna		0.01
6.6R2	Luzerne	41.304281	-75.844300	110915_WA_003_PEM	PEM	Upper Susquehanna-Lackawanna	Other	0.02
7.5R3	Luzerne	41.297498	-75.831182	102215_WA_005_PEM	PEM	Upper Susquehanna-Lackawanna	Other	0.03
8R3	Luzerne	41.294202	-75.827746	092414_GO_001_PEM	PEM	Upper Susquehanna-Lackawanna	Other	0.01
10.6R2	Luzerne	41.273080	-75.797358	032818_WA_003_PFO	PFO	Upper Susquehanna-Lackawanna		0.02
12R3	Luzerne	41.257475	-75.782929	102215_WA_003_PEM	PEM	Upper Susquehanna-Lackawanna		0.13
13.1	Luzerne	41.248246	-75.772402	081215_MK_019_PEM	PEM	Upper Susquehanna-Lackawanna	Other	0.13
13.2	Luzerne	41.248103	-75.771429	081215_MK_018_PSS	PSS	Upper Susquehanna-Lackawanna		0.04
13.2	Luzerne	41.251629	-75.766112	081215_MK_022_PEM	PEM	Upper Susquehanna-Lackawanna	Other	0.02
13.2	Luzerne	41.249008	-75.771601	060618_WA_002_PEM	PEM	Upper Susquehanna-Lackawanna	Other	0.19
13.3	Luzerne	41.247719	-75.769324	121814_JC_002_PEM	PEM	Upper Susquehanna-Lackawanna	Exceptional (iii)	0.12
13.3	Luzerne	41.248299	-75.768828	081215_MK_020_PEM	PEM	Upper Susquehanna-Lackawanna	Exceptional (iii)	0.06
13.3	Luzerne	41.250020	-75.767270	081215_MK_021_PEM	PEM	Upper Susquehanna-Lackawanna	Other	0.09
13.7	Luzerne	41.243145	-75.765520	121814_JC_001_PEM	PEM	Upper Susquehanna-Lackawanna	Other	0.09
14.1	Luzerne	41.237647	-75.760284	111014_JC_001_PFO	PFO	Upper Susquehanna-Lackawanna		0.34

Milepost	County <sup>1</sup>	Latitude <sup>2</sup>	Longitude <sup>2</sup>	Wetland ID <sup>3</sup>	Wetland Cover Type <sup>4</sup>	USGS HUC-8 Watershed	Anticipated Resource Classification Value <sup>5</sup>	Total Acres Delineated
14.1	Luzerne	41.238849	-75.760580	111014_JC_002_PFO	PFO	Upper Susquehanna-Lackawanna	Exceptional (iii)	0.17
14.1	Luzerne	41.238750	-75.761549	111014_JC_003_PEM	PEM	Upper Susquehanna-Lackawanna		0.10
14.7	Luzerne	41.232264	-75.752497	042417_GM_1001_PFO	PFO	Lehigh	Exceptional (iii)	0.20
14.7	Luzerne	41.232261	-75.752816	042417_GM_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.16
14.9	Luzerne	41.229505	-75.750020	043015_JC_1001_PFO	PFO	Lehigh	Exceptional (iii)	0.41
15	Luzerne	41.229613	-75.749484	043015_JC_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.12
15.7	Luzerne	41.222111	-75.740403	041117_NJ_1001_PEM	PEM	Lehigh	Other	0.03
15.7	Luzerne	41.221814	-75.740457	041117_NJ_1002_PEM	PEM	Lehigh	Other	0.02
15.7	Luzerne	41.221457	-75.740453	041117_NJ_1003_PEM	PEM	Lehigh		0.03
15.7	Luzerne	41.221272	-75.740073	041117_NJ_1004_PSS	PSS	Lehigh		0.02
15.8	Luzerne	41.220695	-75.738976	041217_MK_1000_PEM	PEM	Lehigh	Other	0.07
15.9	Luzerne	41.220179	-75.736570	042417_GM_1002_PSS	PSS	Lehigh	Other	1.12
15.9	Luzerne	41.220436	-75.737011	042417_GM_1002_PEM	PEM	Lehigh	Other	0.05
15.9	Luzerne	41.220048	-75.737247	042417_GM_1002_PFO	PFO	Lehigh		0.33
16	Luzerne	41.218075	-75.734804	112114_JC_003B_PFO	PFO	Lehigh	Other	2.05
16	Luzerne	41.218731	-75.735062	112114_JC_003B_PSS	PSS	Lehigh	Other	1.25
16	Luzerne	41.218293	-75.734739	112114_JC_003B_PEM	PEM	Lehigh		0.63
16.2	Luzerne	41.217101	-75.733189	112114_JC_003A_PSS	PSS	Lehigh	Other	1.41
16.3	Luzerne	41.215243	-75.731070	112114_JC_002B_PFO	PFO	Lehigh		0.27
16.4	Luzerne	41.215717	-75.729693	112114_JC_002A_PSS	PSS	Lehigh	Other	1.05
16.4	Luzerne	41.215377	-75.730755	112114_JC_002_PSS	PSS	Lehigh	Other	0.41
16.4	Luzerne	41.215493	-75.730353	112114_JC_002_PEM	PEM	Lehigh	Other	0.07
16.5	Luzerne	41.214713	-75.728805	112114_JC_001_PEM	PEM	Lehigh		0.15
16.5	Luzerne	41.214297	-75.729267	112014_JC_004_PEM	PEM	Lehigh	Other	0.08
16.8	Luzerne	41.211037	-75.723785	112014_JC_002_PFO	PFO	Lehigh	Other	2.06
16.8	Luzerne	41.210987	-75.723267	112014_JC_002_PEM	PEM	Lehigh	Other	0.34
16.8	Luzerne	41.211583	-75.724903	112014_JC_003_PFO	PFO	Lehigh		0.02
16.8	Luzerne	41.211177	-75.722982	112014_JC_002_PSS	PSS	Lehigh	Other	1.32
17.1	Luzerne	41.208268	-75.720136	102715_BB_001_PEM	PEM	Lehigh		0.23
17.7	Luzerne	41.202489	-75.710946	112014_JC_001_PFO	PFO	Lehigh	Exceptional (iv)	0.66
17.7	Luzerne	41.202660	-75.710432	112014_JC_001_PSS	PSS	Lehigh	Other	2.07
17.7	Luzerne	41.202376	-75.710520	112014_JC_001_PEM	PEM	Lehigh	Other	0.22
18.3	Luzerne	41.196476	-75.702373	110315_GM_1001_PSS	PSS	Lehigh		0.05
18.3	Luzerne	41.196624	-75.702192	110315_GM_1001B_PSS	PSS	Lehigh		0.01
19.6	Luzerne	41.178567	-75.696851	121614_JC_001_PEM	PEM	Lehigh	Exceptional (iii)	0.63
19.6	Luzerne	41.179479	-75.696542	121614_JC_001_PFO	PFO	Lehigh	Exceptional (iii)	1.00
21.6	Luzerne	41.152277	-75.686532	041817_MK_1008_PSS	PSS	Lehigh	Exceptional (iii)	0.07
21.6	Luzerne	41.152702	-75.681390	041817_MK_1009_PEM	PEM	Lehigh		0.01
21.7	Luzerne	41.151331	-75.680511	041917_MK_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.02
22	Luzerne	41.147639	-75.676807	041917_MK_1002_PFO	PFO	Lehigh		0.20



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22	Luzerne	41.147754	-75.676844	041917_MK_1003_PEM	PEM	Lehigh	Exceptional (iii)	0.04
22	Luzerne	41.147745	-75.677077	041917_MK_1004_PEM	PEM	Lehigh		0.02
22	Luzerne	41.147708	-75.677233	041917_MK_1005_PEM	PEM	Lehigh	Exceptional (iii)	0.00
22	Luzerne	41.147649	-75.677509	041917_MK_1006_PEM	PEM	Lehigh	Exceptional (iii)	0.05
22	Luzerne	41.147657	-75.676874	041917_MK_1002_PEM	PEM	Lehigh	Exceptional (iii)	0.04
22	Luzerne	41.147766	-75.676245	042017_MK_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.01
22.4	Luzerne	41.139953	-75.691132	102115_WA_001_PSS	PSS	Lehigh		0.27
22.5	Luzerne	41.138268	-75.690343	102115_WA_001_PEM	PEM	Lehigh	Other	0.23
22.5	Luzerne	41.138827	-75.690846	102115_WA_001_PFO	PFO	Lehigh		0.04
22.5	Luzerne	41.138617	-75.686001	042517_GM_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.06
22.6	Luzerne	41.136363	-75.688993	102115_WA_002_PFO	PFO	Lehigh		0.04
22.6	Luzerne	41.137961	-75.685801	042517_GM_1002_PEM	PEM	Lehigh	Exceptional (iii)	0.00
22.7	Luzerne	41.135072	-75.689522	102115_WA_002_PEM	PEM	Lehigh		0.04
22.7	Luzerne	41.135560	-75.689679	102115_WA_003_PEM	PEM	Lehigh		0.02
22.7	Luzerne	41.135417	-75.688963	102115_WA_003_PFO	PFO	Lehigh	Other	0.11
22.7	Luzerne	41.137483	-75.673132	042517_GM_1003_PFO	PFO	Lehigh	Other	0.22
24.1	Carbon	41.116171	-75.678700	110614_JC_004_PSS	PSS	Lehigh	Other	0.51
24.2	Carbon	41.115325	-75.678173	110614_JC_004_PFO	PFO	Lehigh	Other	2.25
24.5	Carbon	41.111313	-75.675318	110614_JC_002_PFO	PFO	Lehigh		0.10
24.5	Carbon	41.111203	-75.676585	110614_JC_003_PSS	PSS	Lehigh		0.43
24.5	Carbon	41.111410	-75.675848	110614_JC_002B_PFO	PFO	Lehigh	Other	0.03
25.2	Carbon	41.102285	-75.670337	110614_JC_001_VP	Vernal Pool	Lehigh		0.01
25.7	Carbon	41.089312	-75.686003	012617_GM_1002_PEM	PEM	Lehigh		0.03
26.4	Carbon	41.086082	-75.662238	102114_JC_001B_PFO	PFO	Lehigh	Exceptional (ii, iii)	0.05
26.4	Carbon	41.084874	-75.661900	102114_JC_001_PEM	PEM	Lehigh	Exceptional (i, iii)	2.86
26.5	Carbon	41.084897	-75.662238	102114_JC_001B_PSS	PSS	Lehigh		0.30
26.5	Carbon	41.084195	-75.662187	112414_JC_003_PEM	PEM	Lehigh		0.05
26.9R2	Carbon	41.080489	-75.658602	102314_JC_004_PEM	PEM	Lehigh	Exceptional (ii, iii)	1.68
27R2	Carbon	41.079707	-75.658552	102314_JC_001_PEM	PEM	Lehigh		0.39
27R2	Carbon	41.079594	-75.657372	102314_JC_002_PFO	PFO	Lehigh	Exceptional (ii, iii)	0.62
27.1R2	Carbon	41.077106	-75.656088	102314_JC_002_PSS	PSS	Lehigh	Exceptional (i, iii)	19.29
27.7R2	Carbon	41.071398	-75.652744	102214_JC_001_PEM	PEM	Lehigh	Other	0.12
28R2	Carbon	41.066441	-75.649594	102314_JC_003_PSS	PSS	Lehigh	Other	0.48
29.6R2	Carbon	41.052000	-75.629195	042415_JC_1005_PEM	PEM	Lehigh	Other	0.68
29.6R2	Carbon	41.052259	-75.628795	050115_JC_1001_PFO	PFO	Lehigh	Other	8.25
29.8R2	Carbon	41.051272	-75.616732	011817_GM_1001_PSS	PSS	Lehigh	Other	0.26
29.8R2	Carbon	41.051554	-75.616904	011817_GM_1002_PSS	PSS	Lehigh	Other	0.19
30R2	Carbon	41.050111	-75.606940	011817_GM_1003_PSS	PSS	Lehigh	Other	0.51
30R2	Carbon	41.050238	-75.606510	011817_GM_1004_PFO	PFO	Lehigh	Other	0.01
30.1R2	Carbon	41.045619	-75.627831	042415_JC_1004_PEM	PEM	Lehigh	Other	0.46

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30.4R2	Carbon	41.042234	-75.627009	042415_JC_1003_PSS	PSS	Lehigh	Other	0.08
31R2	Carbon	41.032720	-75.625097	042415_JC_1002_PEM	PEM	Lehigh	Exceptional (iii)	1.04
31R2	Carbon	41.033082	-75.625071	042415_JC_1001_PFO	PFO	Lehigh	Exceptional (iii)	12.09
32.5R2	Carbon	41.009747	-75.615387	110316_GM_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.86
32.6R3	Carbon	41.011668	-75.615784	110316_GM_1001_PFO	PFO	Lehigh	Exceptional (iii)	0.64
32.7R3	Carbon	41.010128	-75.615046	110316_GM_1002_PFO	PFO	Lehigh	Exceptional (iii)	0.28
32.7R3	Carbon	41.009561	-75.614857	110316_GM_1004_PFO	PFO	Lehigh	Exceptional (iii)	0.17
32.8R3	Carbon	41.008584	-75.614609	110316_GM_1005_PFO	PFO	Lehigh	Exceptional (iii)	0.14
32.8R3	Carbon	41.007875	-75.614754	110316_GM_1006_PEM	PEM	Lehigh	Exceptional (iii)	0.04
32.9R3	Carbon	41.007154	-75.613990	110316_GM_1007_PSS	PSS	Lehigh		0.37
32.9R3	Carbon	41.006810	-75.614423	110316_GM_1008_PEM	PEM	Lehigh	Other	0.10
33.2R3	Carbon	41.002573	-75.612652	042115_JC_1001_PSS	PSS	Lehigh	Exceptional (iii)	0.24
33.6R3	Carbon	40.997471	-75.612023	042115_JC_1002_PFO	PFO	Lehigh		0.47
33.6R3	Carbon	40.996706	-75.611002	042115_JC_1003_PFO	PFO	Lehigh	Exceptional (iii)	1.59
34.6R2	Carbon	40.983456	-75.619847	042315_JC_1002_PEM	PEM	Lehigh	Exceptional (i, iii)	0.52
34.6R2	Carbon	40.984405	-75.619639	042315_JC_1001_PFO	PFO	Lehigh	Exceptional (i, iii)	8.90
34.8R3	Carbon	40.981021	-75.621457	042315_JC_1003_PEM	PEM	Lehigh	Exceptional (iii)	0.08
35.3	Carbon	40.972674	-75.626722	042315_JC_1005_PFO	PFO	Lehigh		0.31
35.4	Carbon	40.972372	-75.626417	042315_JC_1004_PFO	PFO	Lehigh	Other	0.16
35.5	Carbon	40.970062	-75.627433	010716_GM_1001_VP	Vernal Pool	Lehigh	Other	0.03
35.8	Carbon	40.965886	-75.628079	060117_MB_1002_PUB	PUB	Lehigh		0.01
35.8	Carbon	40.963400	-75.629090	060117_MB_1001_PFO	PFO	Lehigh	Exceptional (iii)	6.00
36	Carbon	40.963227	-75.629633	060117_MB_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.81
36.1	Carbon	40.961975	-75.629899	060217_MB_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.39
36.1	Carbon	40.962222	-75.630226	060217_MB_1003_PEM	PEM	Lehigh		0.13
36.1	Carbon	40.962147	-75.629236	060217_MB_1001_PFO	PFO	Lehigh	Exceptional (iii)	2.29
36.5R3	Carbon	40.956216	-75.631245	060217_MB_1002_PEM	PEM	Lehigh		0.21
36.5R3	Carbon	40.954558	-75.630665	050615_JC_1001_PFO	PFO	Lehigh	Exceptional (i, iii)	5.47
36.5R3	Carbon	40.956206	-75.631055	060217_MB_1002_PFO	PFO	Lehigh		0.10
36.6R3	Carbon	40.953893	-75.631530	011116_GM_1001_PFO	PFO	Lehigh	Exceptional (i, iii)	3.46
37.1R3	Carbon	40.947273	-75.632728	061615_DB_1002_PFO	PFO	Lehigh	Exceptional (iii)	2.08
37.1R3	Carbon	40.947059	-75.632057	061615_DB_1003_PSS	PSS	Lehigh		0.35
37.1R3	Carbon	40.947981	-75.631705	081715_MK_040_PSS	PSS	Lehigh		0.36
37.5	Carbon	40.943125	-75.634465	061615_DB_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.20
40.9	Carbon	40.903604	-75.603604	040517_BT_1001_PEM	PEM	Lehigh		0.05
41.1	Carbon	40.902583	-75.600818	091516_GM_1001_PFO	PFO	Lehigh		0.01
41.1	Carbon	40.902932	-75.599432	020117_GM_1006_PFO	PFO	Lehigh	Exceptional (iii)	1.04
41.1	Carbon	40.902704	-75.600148	040517_BT_1002_PFO	PFO	Lehigh		0.03
41.2	Carbon	40.902594	-75.597862	020117_GM_1005_PFO	PFO	Lehigh		0.04
41.3	Carbon	40.902650	-75.597272	020117_GM_1004_PFO	PFO	Lehigh	Exceptional (iii)	0.09

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41.4	Carbon	40.902035	-75.594665	020117_GM_1002_PFO	PFO	Lehigh		0.02
41.4	Carbon	40.902333	-75.595975	020117_GM_1003_PFO	PFO	Lehigh		0.03
41.5	Carbon	40.901977	-75.594011	020117_GM_1001_PUB	PUB	Lehigh	Other	0.10
41.5	Carbon	40.902189	-75.593462	040517_BT_1003_PEM	PEM	Lehigh		0.06
43.5R3	Carbon	40.886904	-75.560822	052215_JC_1001_PEM	PEM	Lehigh		0.03
43.9R3	Carbon	40.882940	-75.554346	052215_JC_1002_PFO	PFO	Lehigh		0.09
44.2R3	Carbon	40.880688	-75.549604	061715_DB_1001_PSS	PSS	Lehigh	Exceptional (iii)	0.11
44.8R2	Carbon	40.874569	-75.544351	041018_WA_001_PEM	PEM	Lehigh	Exceptional (iii)	0.08
44.8R2	Carbon	40.874172	-75.544600	041018_WA_002_PSS	PSS	Lehigh	Exceptional (iii)	0.06
44.8R2	Carbon	40.875082	-75.544379	050918_WA_001_PEM	PEM	Lehigh	Exceptional (iii)	0.02
45R2	Carbon	40.872336	-75.540923	081715_MK_041_PEM	PEM	Lehigh		0.04
45R2	Carbon	40.872161	-75.541610	052915_JC_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.17
45.6	Carbon	40.865635	-75.538030	051115_JC_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.26
46.1	Carbon	40.860390	-75.529710	041018_WA_003_PEM	PEM	Lehigh		0.12
48.1	Carbon	40.837762	-75.509080	090914_WA_001_PSS	PSS	Lehigh	Exceptional (iii)	0.22
48.1	Carbon	40.837121	-75.508758	090914_WA_002_PSS	PSS	Lehigh	Exceptional (iii)	0.02
48.8R3	Carbon	40.829078	-75.502222	033018_WA_001_PUB	PUB	Lehigh		0.19
49R3	Carbon	40.824585	-75.504045	091514_MK_004_PFO	PFO	Lehigh		3.60
49.2R3	Carbon	40.824418	-75.501635	052218_WA_001_PEM	PEM	Lehigh		0.18
49.3R3	Carbon	40.824461	-75.498610	041117_GM_1001_PFO	PFO	Lehigh	Exceptional (i, iii)	1.51
49.3R3	Carbon	40.824380	-75.498784	041117_GM_1001_PSS	PSS	Lehigh	Exceptional (i, iii)	1.16
49.3R3	Carbon	40.824388	-75.499833	041117_GM_1001_PEM	PEM	Lehigh		0.03
50.6R3	Carbon	40.821583	-75.479099	072618_WA_001_PEM	PEM	Lehigh	Exceptional (iii)	0.45
50.6R3	Carbon	40.821407	-75.479306	072618_WA_002_PEM	PEM	Lehigh	Exceptional (iii)	0.04
50.6R3	Carbon	40.822273	-75.478951	072618_WA_003_PEM	PEM	Lehigh		0.05
52.4R3	Northampton	40.804977	-75.473249	040517_GM_1001_PFO	PFO	Lehigh	Other	0.09
52.4R3	Northampton	40.804671	-75.472927	040517_GM_1001_PEM	PEM	Lehigh	Other	0.00
52.4R3	Northampton	40.805071	-75.472329	040517_GM_1002_PFO	PFO	Lehigh		0.32
52.5R3	Northampton	40.803429	-75.472461	040517_GM_1003_PFO	PFO	Lehigh		0.12
52.5R3	Northampton	40.804131	-75.473088	040617_GM_1001_PFO	PFO	Lehigh	Exceptional (iii)	0.06
52.5R3	Northampton	40.803874	-75.472780	040617_GM_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.02
52.5R3	Northampton	40.803904	-75.472606	040617_GM_1002_PEM	PEM	Lehigh		0.05
52.5R3	Northampton	40.803928	-75.472448	040617_GM_1002_PFO	PFO	Lehigh		0.02
52.5R3	Northampton	40.802945	-75.473470	052918_WA_003_PFO	PFO	Lehigh	Exceptional (ii, iii)	0.87
52.5R3	Northampton	40.803636	-75.473396	052918_WA_004_PFO	PFO	Lehigh	Exceptional (ii, iii)	0.43
52.5R3	Northampton	40.802978	-75.472998	052918_WA_005_PEM	PEM	Lehigh	Exceptional (ii, iii)	0.01
52.5R3	Northampton	40.802931	-75.472873	052918_WA_003_PEM	PEM	Lehigh		0.02
52.6R3	Northampton	40.802451	-75.475579	052918_WA_001_PEM	PEM	Lehigh		0.25
52.6R3	Northampton	40.802032	-75.474299	052918_WA_001_PUB	PUB	Lehigh		0.03
52.6R3	Northampton	40.801909	-75.474248	052918_WA_002_PEM	PEM	Lehigh		0.02

Milepost	County <sup>1</sup>	Latitude <sup>2</sup>	Longitude <sup>2</sup>	Wetland ID <sup>3</sup>	Wetland Cover Type <sup>4</sup>	USGS HUC-8 Watershed	Anticipated Resource Classification Value <sup>5</sup>	Total Acres Delineated
52.6R3	Northampton	40.802512	-75.472689	052918_WA_006_PEM	PEM	Lehigh		0.08
52.6R3	Northampton	40.802405	-75.473390	052918_WA_007_PUB	PUB	Lehigh	Exceptional (ii, iii)	0.06
52.6R3	Northampton	40.801912	-75.473181	052918_WA_008_PUB	PUB	Lehigh	Exceptional (ii, iii)	0.12
52.7R3	Northampton	40.800811	-75.474061	080917_WA_003_PEM	PEM	Lehigh	Exceptional (ii, iii)	0.03
52.7R3	Northampton	40.800207	-75.473939	080917_WA_002_PEM	PEM	Lehigh	Exceptional (i, iii)	0.61
52.7R3	Northampton	40.801572	-75.474355	052918_WA_009_PEM	PEM	Lehigh		0.11
52.8R3	Northampton	40.799807	-75.473812	080917_WA_002_PSS	PSS	Lehigh	Exceptional (i, iii)	0.26
52.8R3	Northampton	40.799613	-75.474081	110217_WA_001_PSS	PSS	Lehigh	Exceptional (i, iii)	0.11
52.8R3	Northampton	40.799420	-75.474325	110217_WA_001_PEM	PEM	Lehigh		0.14
52.8R3	Northampton	40.799429	-75.473924	110217_WA_002_PFO	PFO	Lehigh		0.19
52.8R3	Northampton	40.799071	-75.474381	110217_WA_004_PEM	PEM	Lehigh		0.06
52.9R3	Northampton	40.797919	-75.474580	110217_WA_003_PFO	PFO	Lehigh		0.40
52.9R3	Northampton	40.798004	-75.475616	110217_WA_005_PFO	PFO	Lehigh	Exceptional (i, iii)	1.14
52.9R3	Northampton	40.798161	-75.474840	110217_WA_006_PEM	PEM	Lehigh	Exceptional (ii, iii)	0.30
52.9R3	Northampton	40.797397	-75.474475	110217_WA_007_PFO	PFO	Lehigh		0.33
52.9R3	Northampton	40.797364	-75.474688	110217_WA_007_PEM	PEM	Lehigh	Exceptional (ii, iii)	0.10
53.1R3	Northampton	40.795654	-75.476441	110217_WA_008_PEM	PEM	Lehigh	Other	0.09
53.2R3	Northampton	40.792826	-75.476433	080917_WA_001_PEM	PEM	Lehigh	Exceptional (iii)	0.92
53.3R3	Northampton	40.792014	-75.476308	050217_MB_1002_PEM	PEM	Lehigh	Exceptional (iii)	0.05
53.3R3	Northampton	40.791725	-75.476775	050217_MB_1003_PFO	PFO	Lehigh		0.27
53.4R3	Northampton	40.791173	-75.475328	050217_MB_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.17
53.4R3	Northampton	40.790828	-75.476181	050217_MB_1004_PFO	PFO	Lehigh	Exceptional (iii)	0.36
53.4R3	Northampton	40.790636	-75.476427	050217_MB_1005_PEM	PEM	Lehigh		0.01
55.8	Northampton	40.781630	-75.457195	060618_WA_001_PEM	PEM	Lehigh		0.06
55.9	Northampton	40.780183	-75.456792	081815_MK_042_PEM	PEM	Lehigh	Exceptional (iii)	0.56
56	Northampton	40.779354	-75.457327	062218_WA_001_PFO	PFO	Lehigh	Exceptional (iii)	2.34
56	Northampton	40.779734	-75.456762	062218_WA_001_PEM	PEM	Lehigh	Exceptional (iii)	0.23
56.6	Northampton	40.771990	-75.449135	050417_GM_1001_PEM	PEM	Lehigh		0.24
56.6	Northampton	40.772424	-75.449168	101717_AB_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.00
56.6	Northampton	40.772768	-75.448701	052218_WA_002_PEM	PEM	Lehigh	Exceptional (iii)	0.21
56.7	Northampton	40.772150	-75.448646	050417_GM_1003_PEM	PEM	Lehigh	Exceptional (iii)	0.01
56.7	Northampton	40.771821	-75.448281	050417_GM_1002_PEM	PEM	Lehigh	Exceptional (iii)	0.11
56.7	Northampton	40.771958	-75.447702	050417_GM_1004_POW	POW	Lehigh		0.01
58.5	Northampton	40.755143	-75.422997	052218_WA_003_PEM	PEM	Lehigh	Exceptional (iii)	0.16
59.2	Northampton	40.747470	-75.413484	090414_DB_008_PEM	PEM	Lehigh	Exceptional (iii)	0.09
59.3	Northampton	40.746675	-75.413608	090414_DB_007_PEM	PEM	Lehigh		0.09
59.6R2	Northampton	40.742654	-75.409942	121916_LZ_1003_PSS	PSS	Lehigh		0.04
60.6	Northampton	40.735846	-75.392409	090314_DB_004_PEM	PEM	Lehigh	Exceptional (iii)	0.12
61.5R3	Northampton	40.734287	-75.377352	111214_JC_003_PEM	PEM	Lehigh	Exceptional (iii)	0.02
64.3R2	Northampton	40.716754	-75.334152	042815_JC_1003_PEM	PEM	Lehigh	Other	0.14



Milepost	County <sup>1</sup>	Latitude <sup>2</sup>	Longitude <sup>2</sup>	Wetland ID <sup>3</sup>	Wetland Cover Type <sup>4</sup>	USGS HUC-8 Watershed	Anticipated Resource Classification Value <sup>5</sup>	Total Acres Delineated
72.1	Northampton	40.628253	-75.272508	092614_GO_001_PEM	PEM	Lehigh		0.05
72.1	Northampton	40.628562	-75.271472	092614_GO_002_PFO	PFO	Lehigh	Exceptional (iii)	1.58
72.3	Northampton	40.626122	-75.268037	040318_WA_0001_PSS	PSS	Lehigh	Exceptional (iii)	0.42
72.4	Northampton	40.625431	-75.267152	031918_WA_001_PSS	PSS	Lehigh	Exceptional (iii, iv)	0.80
72.4	Northampton	40.625800	-75.268125	040318_WA_0001_PEM	PEM	Lehigh	Exceptional (iii)	0.25
72.5	Northampton	40.624858	-75.265423	051415_JC_1002_PFO	PFO	Lehigh	Exceptional (iii)	0.06
72.6	Northampton	40.624560	-75.265385	051415_JC_1001_PEM	PEM	Lehigh	Exceptional (iii)	0.01
72.6	Northampton	40.624185	-75.264854	012116_GM_1002_PFO	PFO	Lehigh	Exceptional (iii)	0.18
72.6	Northampton	40.624486	-75.264119	012116_GM_1003_PFO	PFO	Lehigh		0.14
72.6	Northampton	40.623922	-75.263964	012116_GM_1001_PFO	PFO	Lehigh	Exceptional (iii)	0.12
72.7	Northampton	40.621751	-75.261559	042815_JC_1001_PFO	PFO	Lehigh	Exceptional (iii)	3.54
73.1	Northampton	40.618791	-75.256759	031716_NJ_002_PSS	PSS	Middle Delaware-Musconetcong	Exceptional (iii)	0.90
73.1	Northampton	40.618990	-75.257523	031716_NJ_002_PEM	PEM	Middle Delaware-Musconetcong	Exceptional (iii)	0.83
73.2	Northampton	40.619410	-75.255777	122016_LZ_1001_PEM	PEM	Middle Delaware-Musconetcong		0.05
73.4R2	Northampton	40.619095	-75.252837	031716_NJ_003_PFO	PFO	Middle Delaware-Musconetcong		0.29
73.5R2	Northampton	40.619483	-75.250590	042716_BT_001_PFO	PFO	Middle Delaware-Musconetcong		0.66
73.6R2	Northampton	40.619495	-75.249421	010615_JC_001_PFO	PFO	Middle Delaware-Musconetcong		15.88
73.6R2	Northampton	40.619990	-75.248967	042117_GM_1001_PFO	PFO	Middle Delaware-Musconetcong	Exceptional (iii)	0.21
73.6R2	Northampton	40.619988	-75.247814	042418_WA_008_PFO	PFO	Middle Delaware-Musconetcong	Exceptional (iii)	0.28
73.7R2	Northampton	40.619985	-75.246001	042418_WA_006_PFO	PFO	Middle Delaware-Musconetcong	Exceptional (iii)	0.12
73.7R2	Northampton	40.619710	-75.247526	042418_WA_007_PEM	PEM	Middle Delaware-Musconetcong		0.03
74.3	Northampton	40.612350	-75.237624	042518_WA_001_PSS	PSS	Middle Delaware-Musconetcong	Other	0.09
74.7	Northampton	40.608595	-75.232081	062415_BT_1001_PEM	PEM	Middle Delaware-Musconetcong		1.14
74.9	Northampton	40.607227	-75.229505	062415_BT_1002_PEM	PEM	Middle Delaware-Musconetcong	Exceptional (iii)	0.78
74.9	Northampton	40.606709	-75.229216	062415_BT_1003_PEM	PEM	Middle Delaware-Musconetcong		0.05
75	Northampton	40.606118	-75.227021	122016_LZ_1002_PEM	PEM	Middle Delaware-Musconetcong	Other	0.27
75.1	Northampton	40.605533	-75.227122	122016_LZ_1003_PEM	PEM	Middle Delaware-Musconetcong		0.02
75.1	Northampton	40.604429	-75.226518	122016_LZ_1004_PEM	PEM	Middle Delaware-Musconetcong		0.73
75.1	Northampton	40.605934	-75.226460	042418_WA_001_PSS	PSS	Middle Delaware-Musconetcong	Other	0.87
75.1	Northampton	40.605753	-75.226866	042418_WA_001_PEM	PEM	Middle Delaware-Musconetcong	Other	0.09
75.1	Northampton	40.605147	-75.226519	042418_WA_002_PEM	PEM	Middle Delaware-Musconetcong	Exceptional (iii)	0.06
75.1	Northampton	40.605310	-75.225841	042418_WA_002_PSS	PSS	Middle Delaware-Musconetcong	Exceptional (iii)	0.37
75.2	Northampton	40.603787	-75.226272	122016_LZ_1005_PSS	PSS	Middle Delaware-Musconetcong		0.01
75.2	Northampton	40.604203	-75.225577	042418_WA_003_PEM	PEM	Middle Delaware-Musconetcong	Other	0.43
75.3	Northampton	40.602867	-75.225336	042418_WA_004_PSS	PSS	Middle Delaware-Musconetcong		0.06
75.3	Northampton	40.602218	-75.224632	042418_WA_005_PEM	PEM	Middle Delaware-Musconetcong		0.20
75.3	Northampton	40.602116	-75.224962	042418_WA_005_PSS	PSS	Middle Delaware-Musconetcong		0.10
75.4	Northampton	40.601860	-75.224380	122016_LZ_1006_PSS	PSS	Middle Delaware-Musconetcong		0.05
75.7	Northampton	40.601397	-75.218817	111314_JC_003_PFO	PFO	Middle Delaware-Musconetcong	Exceptional (iii)	0.19
77.5	Bucks	40.584129	-75.196726	110714_JC_001_PFO	PFO	Middle Delaware-Musconetcong	Other	0.33



Milepost	County <sup>1</sup>	Latitude <sup>2</sup>	Longitude <sup>2</sup>	Wetland ID <sup>3</sup>	Wetland Cover Type <sup>4</sup>	USGS HUC-8 Watershed	Anticipated Resource Classification Value <sup>5</sup>	Total Acres Delineated
<b>Blue Mountain Lateral</b>								
0.5R3	Carbon	40.818513	-75.504257	041017_GM_1001_PFO	PFO	Lehigh		0.02
<b>Kidder Compressor Station</b>								
26.6	Carbon	41.081873	-75.665221	112414_JC_004_PFO	PFO	Lehigh	Other	5.58
26.6	Carbon	41.081964	-75.665921	082515_BT_004_PEM	PEM	Lehigh	Other	0.00
26.6	Carbon	41.081721	-75.667947	082515_BT_006_PFO	PFO	Lehigh		0.15
26.6	Carbon	41.083849	-75.661548	102114_JC_001_PFO	PFO	Lehigh	Exceptional (ii, iii)	11.97
26.7	Carbon	41.081601	-75.659809	102114_JC_001A_PSS	PSS	Lehigh	Exceptional (ii, iii)	0.62
26.7	Carbon	41.081894	-75.663131	082515_BT_003_PEM	PEM	Lehigh	Other	0.01
<b>Hellertown Lateral</b>								
0.3	Northampton	40.629793	-75.281040	062218_WA_002_PEM	PEM	Lehigh	Other	0.01
0.3	Northampton	40.629845	-75.281738	062218_WA_003_PEM	PEM	Lehigh	Other	0.02

Notes

<sup>1</sup> Source: PennDOT Pennsylvania county boundaries, dated 7/2018. Available at [www.pasda.psu.edu](http://www.pasda.psu.edu).

<sup>2</sup> Latitude and Longitude are in Decimal Degrees (dd) North American Datum 1983 (NAD83).

<sup>3</sup> Wetland IDs assigned during field delineation.

<sup>4</sup> Wetland Cover Type based on Cowardin, 1979.

Key:

PEM = Palustrine Emergent, PSS = Palustrine Scrub-Shrub, PFO = Palustrine Forested, PUB = Palustrine Unconsolidated Bottom, POW = Palustrine Open Water

<sup>5</sup> 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:

Other: a wetland which does not meet the criteria of a PA Exceptional Value Wetland

(i) Serves as habitat for fauna or flora listed as “threatened” or “endangered” (Pennsylvania Natural Heritage Program [PNHP]. 2012. County Natural Heritage Inventories Core Habitat of Biological Diversity Areas.)

(ii) Is 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 at or near existing public or private drinking water supply