

## APPENDIX: SAMPLE SITE LIST

Sample Site #	Station Name	Location Description	Latitude	Longitude	Drainage (miles <sup>2</sup> )	Designation
1	ARMS 0.1	Armstrong Creek upstream of Rt. 147 bridge near Halifax, Dauphin Co., Pa.	40.48419	-76.93178	32.3	67b
2	BEAV 0.6	Beaver Creek at third bridge from the mouth on Pleasant View Drive at Pleasant View, Dauphin Co., Pa.	40.27033	-76.74131	26.8	67a
3	BERM 1.2	Bermudian Creek at Blue Hill School Road bridge near Detters Mill, York Co., Pa.	39.99883	-76.94142	109.1	64L
4	BERM 11.0	Bermudian Creek at Latimore Valley Road bridge east of York Springs, Adams Co., Pa.	40.00144	-77.05867	44.2	64ac
5	CABB 0.1	Cabbage Run Branch upstream of Walters Mill Road near Chestnut Hill, Harford Co., Md.	39.62058	-76.33321	7.3	64ac
6	CCLC 0.4	Cocalico Creek at Log Cabin Road covered bridge near Millport, Lancaster Co., Pa.	40.13014	-76.23156	138.9	64L
7	CCLC 13.4	Cocalico Creek upstream of Royer Road bridge west of Ephrata, Lancaster Co., Pa.	40.17260	-76.20033	66.1	64d
8	CEDR 0.1	Cedar Run upstream of Creek Road bridge at Eberlys Mill, Cumberland Co., Pa.	40.22520	-76.90633	12.5	67a
9	CHIQ 3.0	Chiques Creek upstream of bridge at Marietta Pike near Marietta, downstream of confluence, Lancaster Co., Pa.	40.20601	-76.39430	108.0	64L
10	CHIQ 20.0	Chiques Creek at Elizabeth Road bridge north of Manheim, Lancaster Co., Pa.	40.06326	-76.51541	18.3	64ac
11	CLRK3.8	Clarks Creek upstream of Rt. 225 bridge north of Dauphin, Dauphin Co., Pa.	40.38804	-76.94174	40.0	67cd
12	CNTG 0.9	Conestoga River along River Road in Safe Harbor Park, Lancaster Co., Pa.	39.93420	-76.38580	472.5	64L
13	CNTG 22.6	Conestoga River at Penn Railroad bridge in Lancaster City, between dam and WWTP outlet, Lancaster Co., Pa.	40.05000	-76.27750	322.0	64L
14	CNTG 32.7	Conestoga River at SR 1010 bridge near Brownstown, Lancaster Co., Pa.	40.12801	-76.20006	125.7	64L
15	CNTG 43.9	Conestoga River ~150m downstream Quarry Road bridge near Weaverland, Lancaster Co., Pa.	40.13810	-76.06050	48.2	64d
16	CNWG 1.8	Conowingo Creek at Old Mill Road/Twn Rd 434 bridge near mouth at state line, Lancaster Co., Pa.	39.72453	-76.18336	33.3	64ac
17	CODO 0.6	Codorus Creek ~200m upstream of Codorus Furnace Road bridge, York Co., Pa.	40.05226	-76.65509	276.6	64L
18	CODO 20.9	Codorus Creek at Martin Road bridge downstream of Spring Grove, York Co., Pa.	39.88750	-76.83620	75.5	64d
19	CODO 25.5	Codorus Creek upstream of SR 3053 (Colonial Valley Road) Bridge near Menges Mills, York Co., Pa.	39.86269	-76.88976	63.9	64d
20	CODO 33.0	Codorus Creek along SR 3047 downstream of Lake Marburg outflow confluence, York Co., Pa.	39.82210	-76.88850	40.0	64ac
21	CODO 36.8	Codorus Creek upstream of Tannery Road bridge near Glenville, York Co., Pa.	39.78085	-76.84061	13.2	64ac
22	CONO 1.3	Conodoguinet Creek upstream of Center Road bridge near Camp Hill, Cumberland Co., Pa.	40.26053	-76.93489	502.3	67L
23	CONO 28.8	Conodoguinet Creek upstream of Middlesex Road near Carlisle, Cumberland Co., Pa.	40.23669	-77.14486	396.0	67L
24	CONO 51.8	Conodoguinet Creek at SR 4006 bridge near Newville, Cumberland Co., Pa.	40.17747	-77.45431	208.8	67L
25	CONO 66.0	Conodoguinet Creek at Burnt Mill Road bridge north of Shippensburg, Franklin Co., Pa.	40.10453	-77.56069	107.3	67L
26	DEEP 1.2	Deep Creek upstream of Mill Road bridge near Sacramento, Schuylkill Co., Pa.	40.63814	-76.60797	31.3	67b
27	DEER 1.2	Deer Creek ~200m upstream of Stafford Road bridge near Susquehanna State Park, Harford Co., Md.	39.62269	-76.16447	169.3	64L
28	DEER 30.1	Deer Creek upstream of Fawn Grove Road at Eden Mill Park, Harford Co., Md.	39.67490	-76.44830	61.3	64ac
29	EBOC 5.3	East Branch Octoraro Creek at John Evans Memorial Park near Cream, Lancaster/Chester Cos., Pa.	39.83061	-76.01756	75.6	64ac
30	ECON 0.0	East Conewago Creek upstream from Covered Road bridge near Falmouth, Lancaster/Dauphin Cos., Pa.	40.14722	-76.69931	51.3	64ac
31	ELKN 0.1	Elk Creek upstream of Pine Creek near Coburn, Centre Co., Pa.	40.86850	-77.45630	56.8	67a
32	EMAH 0.2	Mahantango Creek upstream of Rt. 147 bridge near Paxton at pull-off, Dauphin Co., Pa.	40.60989	-76.92958	164.2	67L
33	EMAH 17.1	Mahantango Creek in park at Klingerstown, Schuylkill Co., Pa.	40.66017	-76.68575	44.6	67b
34	EMAH 23.5	Mahantango Creek upstream of confluence, farther from Creek Road, Schuylkill Co., Pa.	40.67396	-76.61479	19.3	67b
35	EPIN 0.1	Pine Creek near Klingerstown, Schuylkill Co., Pa.	40.66144	-76.69278	77.0	67b

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36	EPIN 12.7	Pine Creek at Spring Glen upstream of Spring Glen Drive, upstream of culvert, Schuylkill Co., Pa.	40.62753	-76.62075	28.5	67cd
37	HAMM 0.2	Hammer Creek at mouth along Millway Road, Lancaster Co., Pa.	40.16100	-76.23375	35.2	64d
38	KRTZ 1.5	Kreutz Creek at Cool Creek Road bridge, downstream of golf course in Wrightsville, York Co., Pa.	40.01528	-76.53950	32.8	64d
39	LCHQ 0.4	Little Chiques Creek upstream of Iron Bridge Road, Lancaster Co., Pa.	40.07933	-76.50700	43.1	64d
40	LCNT 1.7 *	Little Conestoga River at mouth near Rockhill along Creek Road, Lancaster Co., Pa.	39.95250	-76.36970	65.5	64d
41	LCON 1.5	Little Conewago Creek at mouth in Conewago Heights, upstream of Bowers Bridge Road, York Co., Pa.	40.08822	-76.72717	65.4	64ac
42	LRLN 0.8 *	Laurel Run downstream of SR 3020 bridge north of Laurelton, below confluence, Union Co., Pa.	40.89317	-77.20381	10.5	67b
43	LRSL 0.5 *	Laurel Run upstream of Laurel Run Road bridge near Landisburg, Perry Co., Pa.	40.32244	-77.37800	22.1	67cd
44	LSHM 0.8	Little Shamokin Creek near mouth at Sunbury along Rt. 890, Northumberland Co., Pa.	40.85498	-76.76166	29.0	67b
45	LSWT 0.6	Little Swatara Creek at mouth near Jonestown along Mill Street, Lebanon Co., Pa.	40.40811	-76.47408	99.0	67b
46	LTRT 0.1	Letort Spring Run at Rt. 11 bridge near Carlisle off Mill Road, Cumberland Co., Pa.	40.23425	-77.13858	21.8	67a
47	MDDY 3.3	Muddy Creek at SR 2024 (Paper Mill Road) near Coal Cabin Beach, York Co., Pa.	39.77261	-76.31625	132.8	64L
48	MHNY 0.3	Mahanoy Creek upstream of Rt. 147 bridge near Herdon, Northumberland Co., Pa.	40.72758	-76.83703	157.1	67L
49	MIDD 0.0	Middle Creek upstream of Middle Creek Road bridge north of Millway, Lancaster Co., Pa.	40.16483	-76.23250	31.5	64d
50	MIDL 0.7	Middle Creek downstream of Rt. 35 bridge near mouth at Kantz, Snyder Co., Pa.	40.77317	-76.89844	157.9	67L
51	MIDL 24.7	Middle Creek upstream of Rt. 235 bridge near Beaver Springs, Snyder Co., Pa.	40.76269	-77.20992	33.5	67b
52	MILL 0.3	Mill Creek at Elkman Road bridge near Lyndon, Lancaster Co., Pa.	40.00410	-76.30160	56.4	64d
53	MISP 0.5	Middle Spring Run along Burnt Mill Road north of Shippensburg, Cumberland Co., Pa.	40.09839	-77.56122	45.2	67a
54	MNDA 0.1	Manada Creek upstream of Shetland Drive bridge at mouth in Sand Beach, Dauphin Co., Pa.	40.30878	-76.67106	32.2	67b
55	MNTN 3.0	Mountain Creek along Rt. 34 upstream of Mount Holly Springs, Cumberland Co., Pa.	40.10733	-77.18153	45.0	67cd*
56	MUDD 0.2	Muddy Creek upstream of Frysville Road near Frysville, Lancaster Co., Pa.	40.17160	-76.10570	49.3	64d
57	NBMY 0.0 *	North Branch Muddy Creek near mouth at Muddy Creek Forks, York Co., Pa.	39.80792	-76.47586	43.8	64ac
58	NMHT 0.0	North Branch Mahantango Creek along Reichenbach Road at mouth near Mahantango, Snyder Co., Pa.	40.64770	-76.96630	37.1	67b
59	NMID 0.7	North Branch Middle Creek upstream of Creek Road bridge at Benfer, Snyder Co., Pa.	40.77458	-77.19803	26.1	67b
60	OCTO 1.0	Octoraro Creek at railroad bridges near Rowlandsville, Cecil Co., Md.	39.65989	-76.15333	209.9	64L
61	PAXT 0.5	Paxton Creek at Greenway bridge in Harrisburg, Dauphin Co., Pa.	40.24699	-76.86416	27.3	67b
62	PAXT 8.4	Paxton Creek upstream of Progress Avenue bridge near Harrisburg, Dauphin Co., Pa.	40.30872	-76.84989	11.2	67b
63	PENN 5.0	Penns Creek at Selingsgrove upstream of Mill Road bridge, Snyder Co., Pa.	40.86339	-77.23767	364.3	67L
64	PENN 30.0	Penns Creek at Glen Iron at pull-off along Creek Road, Union Co., Pa.	40.82706	-76.86872	254.1	67L
65	PENN 50.6	Penns Creek at intersection of Penns Creek Rd and Long Lane near Coburn, Centre Co., Pa.	40.85744	-77.48444	90.1	67a
66	POWL 0.1	Powell Creek upstream of Mountain Road bridge near Powells Valley, Dauphin Co., Pa.	40.42025	-76.95939	37.8	67b
67	PQEA 3.3	Pequea Creek at Rt. 324 bridge near Colemansville, Lancaster Co., Pa.	39.95593	-76.24984	150.2	64L
68	PQEA 15.2	Pequea Creek along Shiprock Road upstream of Big Beaver Creek, Lancaster Co., Pa.	39.90562	-76.32814	99.1	64d
69	QUIT 0.3	Quittapahilla Creek upstream of Valley Glen Road bridge in Valley Glen, Lebanon Co., Pa.	40.35225	-76.61169	77.3	67b
70	RATT 0.1	Rattling Creek at Glen Park on SR 4013 in Lykens, Dauphin Co., Pa.	40.56440	-76.69885	19.0	67cd
71	SBCC 1.2	South Branch Conewago Creek at Rt. 30 bridge near New Oxford, Adams Co., Pa.	39.86142	-77.07394	67.6	64ac

Sample Site #	Station Name	Location Description	Latitude	Longitude	Drainage (miles <sup>2</sup> )	Designation
72	SBCD 0.4 *	South Branch Codorus Creek near mouth at Rails-To-Trails crossing, York Co., Pa.	39.91400	-76.75354	116.4	64L
73	SBCD 3.6	South Branch Codorus Creek at Twin Arch Road bridge at Reynolds Mill, York Co., Pa.	39.89528	-76.74366	68.3	64ac
74	SBEV 2.5	Big Beaver Creek at Krantz Mill Road near Refton, Lancaster Co., Pa.	39.94119	-76.22053	17.3	64d
75	SBMY 0.0	South Branch Muddy Creek along Muddy Creek Forks bridge at Muddy Creek Forks, York Co., Pa.	39.80736	-76.47650	28.1	64ac
76	SHAM 2.7	Shamokin Creek downstream of Rt. 147 bridge in Sunbury, Northumberland Co., Pa.	40.84344	-76.80453	136.9	67L
77	SHRM 2.0 *	Sherman Creek upstream of Dellville bridge in Dellville, Perry Co., Pa.	40.38036	-77.08256	240.9	67L
78	SHRM 27.5 *	Sherman Creek upstream of SR 382 bridge near Loysville, Perry Co., Pa.	40.35136	-77.33525	99.1	67a
79	SPRG 0.0	Spring Creek downstream pipeline at mouth near Hershey, Dauphin Co., Pa.	40.28550	-76.67920	24.0	67a
80	SPRG 0.4	Spring Creek near entrance to Capital Area Greenbelt off South Cameron Street, Dauphin Co., Pa.	40.24295	-76.85713	11.4	67a
81	STON 0.4	Stony Creek along Stony Creek Road near Dauphin, Dauphin Co., Pa.	40.37576	-76.91538	34.4	67cd
82	<b>SUSQ 44.5</b>	<b>Susquehanna River upstream of Rt. 30 bridge near Columbia, Lancaster Co., Pa.</b>	<b>40.03720</b>	<b>-76.52360</b>	<b>26007.0</b>	<b>River</b>
83	<b>SUSQ 77.0</b>	<b>Susquehanna River at Fort Hunter boating access area, Dauphin Co., Pa.</b>	<b>40.34360</b>	<b>-76.91110</b>	<b>23519.2</b>	<b>River</b>
84	<b>SUSQ 94.0</b>	<b>Susquehanna River near Halifax boating access area, Dauphin Co., Pa.</b>	<b>40.49000</b>	<b>-76.94330</b>	<b>19642.0</b>	<b>River</b>
85	<b>SUSQ 106.0</b>	<b>Susquehanna River between McKees Half Falls and Dalmatia, Northumberland Co., Pa.</b>	<b>40.65960</b>	<b>-76.91850</b>	<b>19206.8</b>	<b>River</b>
86	<b>SUSQ 122.0</b>	<b>Susquehanna River between Selinsgrove and Selinsgrove Junction, Northumberland Co., Pa.</b>	<b>40.81190</b>	<b>-76.84150</b>	<b>18442.7</b>	<b>River</b>
87	SWAT 2.3	Swatara Creek downstream of the Pennsylvania Turnpike bridge near Middletown, Dauphin Co., Pa.	40.20533	-76.71300	560.6	64L
88	<b>SWAT 21.7</b>	<b>Swatara Creek downstream of Gravel Hill Road bridge near Valley Glen, Lebanon Co., Pa.</b>	<b>40.35256</b>	<b>-76.61675</b>	<b>355.2</b>	<b>67L</b>
89	SWAT 39.0	Swatara Creek at Rt. 22 bridge near Jonestown, Lebanon Co., Pa.	40.41300	-76.48586	191.6	67L
90	SWAT 56.0	Swatara Creek upstream of Rt. 895 bridge in Pine Grove, Schuylkill Co., Pa.	40.54419	-76.38236	74.0	67b
91	TRDL 0.0	Trindle Spring Run near mouth north of Mechanicsburg, Cumberland Co., Pa.	40.25064	-77.00667	17.8	67a
92	UNTD 0.5	UNT Deer Creek at Thomas Bridge Road near Ady, Harford Co., Md.	39.63970	-76.35029	3.9	64ac
93	WBOC 4.3	West Branch Octoraro Creek upstream of Puseyville Road bridge at State Gamelands No. 136, Lancaster Co., Pa.	39.85106	-76.11011	30.1	64ac
94	WCON 2.9	Conewago Creek downstream Rt. 181 bridge in Conewago Heights, York Co., Pa.	40.08128	-76.71656	512.4	64L
95	WCON 20.4	Conewago Creek at bridge crossing off Conewago Road near Gifford Pinchot State Park, York Co., Pa.	40.06447	-76.86331	388.5	64L
96	WCON 35.5	Conewago Creek upstream of Bermudian Creek near Detters Mill, York Co., Pa.	40.00111	-76.92033	263.1	64L
97	WCON 56.3	Conewago Creek along Group Mill Road at pathway near New Chester, Adams Co., Pa.	39.89860	-77.08440	106.3	64L
98	WCON 66.5	Conewago Creek upstream of Rentzel Road bridge near Table Rock, Adams Co., Pa.	39.92431	-77.20956	39.1	64ac
99	WICO 0.3	Wiconisco Creek downstream of Rt. 147 bridge at recycling center in Millersburg, Dauphin Co., Pa.	40.53686	-76.96228	116.4	67L
100	<b>WICO 27.0</b>	<b>Wiconisco Creek downstream of WWTP, upstream of Main Street bridge in Lykens, Dauphin Co., Pa.</b>	<b>40.56807</b>	<b>-76.71410</b>	<b>34.5</b>	<b>67b</b>
101	WMHT 2.2	West Branch Mahantango Creek off Reichenback Road near pavilion near Mahantango, Snyder Co., Pa.	40.64620	-76.96620	46.9	67b
102	WPIN 0.8	Pine Creek upstream of Elk Creek near Coburn, Centre Co., Pa.	40.86810	-77.45570	93.4	67a
103	YLBR 0.1	Yellow Breeches Creek upstream Bridge Street in New Cumberland, Cumberland/York Cos., Pa.	40.22408	-76.86075	218.5	67L
104	YLBR 35.7	Yellow Breeches Creek upstream of Burnt House Road bridge near Barnitz, Cumberland Co., Pa.	40.12597	-77.21917	55.7	67a

MNTN 3.0 was grouped with 67cd since no other stations were in its subcoregion category. **Bolded blue sites are either missing water chemistry, biological, and/or habitat data from 2011.**

**Unbolded blue sites have missing data for biology, habitat, and/or water quality for 1996, 2005, and/or 2011.**

\* Sites serve as ecoregion reference sites for the 2011 study.

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Mahanoy Creek  
Northumberland Co., Pa.