

ANNEX A

**TITLE 25. ENVIRONMENTAL PROTECTION
PART I. DEPARTMENT OF ENVIRONMENTAL PROTECTION
Subpart C. PROTECTION OF NATURAL RESOURCES
ARTICLE II. WATER RESOURCES**

CHAPTER 93. WATER QUALITY STANDARDS

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§ 93.1. Definitions.

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Risk management—The process of evaluation and selection between alternative regulatory options. Risk management decisions may include consideration of risk assessment, analytical, socio-economic and political factors.

***SEVEN-DAY AVERAGE*—THE ARITHMETIC AVERAGE OF THE SAMPLES COLLECTED DURING A CONSECUTIVE 7-DAY PERIOD.**

State game propagation and protection area—An area established by the Game Commission for the propagation and protection of game or wildlife wherein game or wildlife may not be hunted, pursued, disturbed, molested, killed or taken at any time except as authorized by the Game Commission.

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§ 93.7. Specific water quality criteria.

(a) Table 3 displays specific water quality criteria and associated critical uses. The criteria associated with the Statewide water uses listed in § 93.4, Table 2 apply to all surface waters, unless a specific exception is indicated in § § 93.9a—93.9z. These exceptions will be indicated on a stream-by-stream or segment-by-segment basis by the words “Add” or “Delete” followed by the appropriate symbols described elsewhere in this chapter. Other specific water quality criteria apply to surface waters as specified in § § 93.9a—93.9z. All applicable criteria shall be applied in accordance with this chapter, Chapter 96 (relating to water quality standards implementation) and other applicable State and Federal laws and regulations.

TABLE 3

Parameter	Symbol	Criteria	Critical Use*

Alkalinity	Alk	Minimum 20 mg/l as CaCO ₃ , except where natural conditions are less. Where discharges are to waters with 20 mg/l or less alkalinity, the discharge should not further reduce the alkalinity of the receiving waters.	CWF, WWF, TSF, MF
Ammonia Nitrogen	Am	<p>[The maximum total ammonia nitrogen concentration (in mg/L) at all times shall be the numerical value given by: un-ionized ammonia nitrogen (NH₃-N) x (log⁻¹[pK_T-pH] + 1), where: un-ionized ammonia nitrogen = 0.12 x f(T)/f(pH)</p> <p>$f(pH) = 1 + 10^{1.03(7.32-pH)}$</p> <p>$f(T) = 1, T \geq 10^{\circ}C$</p> <p>$f(T) = \frac{1 + 10^{(9.73-pH)}}{1 + 10^{(pK_T-pH)}}, T < 10^{\circ}C$</p> <p>and $pK_T = 0.090 + \left[\frac{2730}{(T+273.2)} \right]$, the dissociation constant for ammonia in water.</p> <p>The average total ammonia nitrogen concentration over any 30 consecutive days shall be less than or equal to the numerical value given by:</p> <p>un-ionized ammonia nitrogen (NH₃-N) X (log⁻¹[pK_T-pH] + 1), where:</p> <p>un-ionized ammonia nitrogen = 0.025 x f(T)/f(pH)</p> <p>$f(pH) = 1, pH \geq 7.7$</p> <p>$f(pH) = 10^{0.74(7.7-pH)}, pH < 7.7$</p> <p>$f(T) = 1, T \geq 10^{\circ}C$</p> <p>$f(T) = \frac{1 + 10^{(9.73-pH)}}{1 + 10^{(pK_T-pH)}}, T < 10^{\circ}C$</p> <p>The pH and temperature used to derive the appropriate ammonia criteria shall be determined by one of the following methods:</p> <p>1) Instream measurements, representative of median pH and temperature—July through September.</p>	CWF, WWF, TSF, MF

2) Estimates of median pH and temperature—July through September—based upon available data or values determined by the Department. For purposes of calculating effluent limitations based on this value the accepted design stream flow shall be the actual or estimated lowest 30-consecutive-day average flow that occurs once in 10 years.]

In freshwater, the concentration of total ammonia nitrogen (TAN) shall not exceed (more than once in three years on average), the concentration calculated (in milligrams of TAN per liter) by the following:

1-hour average Criteria Maximum Concentration (CMC) acute criterion equation:

$$CMC = \text{MIN} \left(\left(\frac{0.275}{1 + 10^{7.204 - \text{pH}}} + \frac{39.0}{1 + 10^{\text{pH} - 7.204}} \right), \left(0.7249 \times \left(\frac{0.0114}{1 + 10^{7.204 - \text{pH}}} + \frac{1.6181}{1 + 10^{\text{pH} - 7.204}} \right) \times (23.12 \times 10^{0.036 \times (20 - T)}) \right) \right)$$

30-day ROLLING average Criteria Continuous Concentration (CCC) chronic criterion equation:

$$CCC = 0.8876 \times \left(\frac{0.0278}{1 + 10^{7.688 - \text{pH}}} + \frac{1.1994}{1 + 10^{\text{pH} - 7.688}} \right) \times (2.126 \times 10^{0.028 \times (20 - \text{MAX}(T,7))})$$

Chronic concentration is not to exceed 2.5 times the CCC as a 4-day average within 30 days THE HIGHEST FOUR-DAY AVERAGE WITHIN THE 30-DAY AVERAGING PERIOD SHOULD NOT BE MORE THAN 2.5 TIMES THE CCC (e.g. 2.5 X 1.9-0.2 mg TAN/L at pH 7.9 and 20°C or 4.8-0.5 mg TAN/L) more than once in 3 years on average.

The pH and temperature used to derive the appropriate ammonia criteria shall be determined by instream measurements or best estimates, representative of the median pH and temperature of the receiving stream for the applicable time period and design conditions. BASED ON REFERENCE WATERS THAT ARE REPRESENTATIVE OF THE MEDIAN pH AND TEMPERATURE OF THE RECEIVING WATER. INSTREAM MEASUREMENTS FOR pH AND TEMPERATURE WILL BE GATHERED USING DEPARTMENT DATA COLLECTION PROTOCOLS.

Bacteria	Bac ₁	<p>[(Fecal coliforms/ 100 ml)] (<i>Escherichia coli</i> /100ml COLONY FORMING UNITS PER 100 MILLILITERS (CFU PER 100 ML)) During the swimming season (May 1 through September 30), the maximum [fecal coliform] <i>E. coli</i> level shall be a geometric mean of [200] 126 CFU per 100 ML-milliliters (ml) based on [a minimum of five] consecutive samples, each sample collected on different days during a 30-day period. No more than 10% of the total samples taken during a 30-day period may exceed [400] 410 per 100 ml. THE GEOMETRIC MEAN FOR THE SAMPLES COLLECTED IN THE WATERBODY SHOULD NOT BE GREATER THAN 126 CFU PER 100 ML IN ANY 30-DAY INTERVAL. THERE SHOULD NOT BE GREATER THAN A 10% EXCURSION FREQUENCY OF 410 CFU PER 100 ML FOR THE SAMPLES COLLECTED IN THE SAME 30-DAY DURATION INTERVAL. (Fecal coliforms/ 100 ml) For the remainder of the year, the maximum fecal coliform level shall be a geometric mean of 2,000 CFU per 100 milliliters (ml) based on a minimum of five consecutive samples collected on different days during a 30-day period.</p>	WC
	[Bac ₂	<p>(Coliforms/100 ml)—Maximum of 5,000/100 ml as a monthly average value, no more than this number in more than 20 of the samples collected during a month, nor more than 20,000/100 ml in more than 5% of the samples.</p>	PWS]
Chloride	Ch	Maximum 250 mg/l.	PWS
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§ 93.8a. Toxic substances.

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(b) Water quality criteria for toxic substances shall be established as described under Chapter 16 (relating to water quality toxics management strategy—statement of policy). The Department will develop water quality criteria for toxic substances not listed in Chapter 93, Table 5 in accordance with § 93.8d (relating to development of site-specific water quality criteria) and Chapter 16. **[Appendix A, Table 1A in Chapter 16 lists] The Department will maintain a publicly available online table of** site-specific human health and aquatic life criteria that have been recently developed or adopted by the Department based on approved methodologies and the best scientific information currently available. **[The] For any analytical procedures or detection limits that are not EPA approved,** the approved analytical procedures and detection limits for these substances will also be listed in Chapter 16. Chapter 16, along with changes made to it, is hereby specifically incorporated by reference.

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(j) The requirements for discharges to and antidegradation requirements for the Great Lakes System are as follows:

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(3) Statewide antidegradation requirements in this chapter and Chapter 96 (relating to water quality standards implementation) **[and in the Federal regulation in 40 CFR 131.32(a) (relating to Pennsylvania)]** as applicable, apply to all surface waters of the Great Lakes System.

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§ 93.8c. Human health and aquatic life criteria for toxic substances.

(a) Table 5 and **[Chapter 16, Appendix A, Table 1A (relating to site-specific water quality criteria for toxic substances)] the table of site-specific criteria maintained by the Department** list the aquatic life and human health criteria for toxic substances which the Department uses in development of effluent limitations in NPDES Permits and for other purposes. The human health criteria, which include probable modes of exposure (such as, but not limited to ingestion from drinking water and fish consumption, inhalation and dermal absorption), are further defined as to the specific effect (that is, cancer or threshold health effects). For those aquatic life criteria which are **[hardness related and] a function of local water quality conditions and are** specified as a formula, such as several of the heavy metals, the **[Department will use the specific hardness of the receiving stream after mixing with the waste discharge in calculating criteria on a case-by-case basis] hardness and pH values used FOR THE LOCAL WATER QUALITY CONDITION to derive the appropriate water quality criteria shall be determined by instream measurements or best estimates BASED ON REFERENCE WATERS THAT ARE representative of the median concentrations or conditions of the receiving stream WATER for the applicable time**

period and design conditions. INSTREAM MEASUREMENTS FOR THE WATER QUALITY CONDITION WILL BE GATHERED USING DEPARTMENT DATA COLLECTION PROTOCOLS. The priority pollutants are a set of specific chemical pollutants regulated by EPA. The priority pollutant numbers (PP NO) used by the EPA to identify priority pollutants are included in Table 5 for reference purposes. The toxics without a PP NO are nonpriority pollutants or State-derived criteria.

(b) Some of these criteria may be superseded for the Delaware Estuary, Ohio River Basin, Lake Erie Basin, and Genesee River Basin under interstate and international compact agreements with the Delaware River Basin Commission, Ohio River Valley Sanitation Commission and International Joint Commission, respectively. **[The criteria in Table 5 do not apply to the Great Lakes System.]** Water quality criteria for the Great Lakes System are contained in § 93.8e (relating to special criteria for the Great Lakes System) and Table 6 (relating to Great Lakes Aquatic Life and Human Health Criteria). **Criteria in Table 5 may apply to the Great Lakes System for those substances not listed in Table 6.** Criteria may be developed for the Great Lakes System for substances other than those listed in [**§ 93.8e**] **Tables 5 and 6,** under the methodologies in § 16.61 (relating to special provisions for the Great Lakes system).

TABLE 5

WATER QUALITY CRITERIA FOR TOXIC SUBSTANCES

PP NO	Chemical Name	CAS Number	Fish and Aquatic Life Criteria		Human Health Criteria (ug/L)	
			Criteria Continuous Concentrations (ug/L)	Criteria Maximum Concentration (ug/L)		
1M	ANTIMONY	07440360	220	1100	5.6 †	H
2M	ARSENIC	07440382	150 (As3+)	340 (As3+)	10	H
3M	BERYLLIUM	07440417	N/A	N/A	N/A	-
4M	CADMIUM	07440439	*{1.101672-(ln[H]x0.041838)}x Exp(0.7409xln[H]-4.719) (ex: @H=100, CCC=0.25)	*{1.136672-(ln[H]x0.041838)}x Exp(1.0166xln[H]-3.924) (ex: @H=100, CMC=2.0)	N/A	-
5M	CHROMIUM III	16065831	*0.860xExp(0.819xln[H]+0.6848) (ex: @H=100, CCC=74)	*0.316xExp(0.819xln[H]+3.7256) (ex: @H=100, CMC=570)	N/A	-
5M	CHROMIUM VI	18540299	[*10] *11	*16	N/A	-
6M	COPPER	07440508	*0.960xExp(0.8545xln[H]-1.702) (ex: @H=100, CCC=9.0)	*0.960xExp(0.9422xln[H]-1.700) (ex: @H=100, CMC=13)	N/A	-
7M	LEAD	07439921	*{1.46203-(ln[H]x0.145712)}x Exp(1.273xln[H]-4.705) (ex: @H=100, CCC=2.5)	*{1.46203-(ln[H]x0.145712)}x Exp(1.273xln[H]-1.460) (ex: @H=100, CMC=65)	N/A	-
8M	MERCURY	07439976	*0.77 (Hg2+)	*1.4 (Hg2+)	0.05	H
9M	NICKEL	07440020	*0.997xExp(0.846xln[H]+0.0584) (ex: @H=100, CCC=52)	*0.998xExp(0.846xln[H]+2.255) (ex: @H=100, CMC=470)	610 600 †	H
10M	SELENIUM	07782492	*4.6	N/A	N/A	-
11M	SILVER	07440224	N/A	*0.850xExp(1.72xln[H]-6.590) (ex: @H=100, CMC=3.2)	N/A	-

12M	THALLIUM	07440280	13	65	0.24 †	H
13M	ZINC	07440666	*0.986xExp(0.8473xln[H]+0.884)	*0.978xExp(0.8473xln[H]+0.884)	N/A	-
			(ex: @H=100, CCC=120)	(ex: @H=100, CMC=120)		
14M	CYANIDE, FREE	00057125	5.2	22	[140]4.0 4	H
1A	2-CHLOROPHENOL	00095578	110	560	[81]30	H
2A	2,4-DICHLORO[-]PHENOL	00120832	340	1700	[77]10	H
3A	2,4-DIMETHYL[-]PHENOL	00105679	130	660	[380]100	H
4A	4,6-DINITRO-o-CRESOL (2 METHYL-4,6-DINITROPHENOL)	00534521	16	80	[13]2.0 2	H
5A	2,4-DINITRO[-]PHENOL	00051285	130	660	[69]10	H
E	DINITROPHENOLS	25550587	N/A	N/A	10	H
6A	2-NITROPHENOL	00088755	1600	8000	N/A	-
7A	4-NITROPHENOL	00100027	470	2300	N/A	-
8A	P-CHLORO-m-CRESOL (3 METHYL-4-CHLOROPHENOL)	00059507	30	160	[N/A]500	[-]H
9A	PENTACHLORO[-]PHENOL	00087865	Exp(1.005x[pH]-5.134) @pH= 6.5 7.8 9.0 Crit= 4.1 15 50	Exp(1.005x[pH]-4.869) @pH= 6.5 7.8 9.0 Crit= 5.3 19 65	[0.27]0.03	CRL
10A	PHENOL	00108952	N/A	N/A	[10400]4000	H
E	2,4,5-TRICHLOROPHENOL	00095954	N/A	N/A	300	H
11A	2,4,6-TRICHLOROPHENOL	00088062	91	460	[1.4]1.5	CRL
1V	ACROLEIN	00107028	3.0	3.0	[6.0]3.0 3	H
2V	ACRYLONITRILE	00107131	130	650	[0.051]0.06	CRL
3V	BENZENE	00071432	130	640	[1.2]0.58	CRL
5V	BROMOFORM	00075252	370	1800	[4.3]7.0	CRL

6V	CARBON TETRACHLORIDE	00056235	560	2800	[0.23]0.4	CRL
7V	CHLORO[-]BENZENE	00108907	240	1200	[130]100	H
8V	CHLORODIBRO[-] MO[-] J METHANE	00124481	N/A	N/A	[0.40]0.8	CRL
9V	CHLOROETHANE	00075003	N/A	N/A	N/A	-
10V	2-CHLOROETHYL VINYL ETHER	00110758	3500	18000	N/A	-
11V	CHLOROFORM	00067663	390	1900	{5.7}6.5	[CRL] H
12V	DICHLOROBROMOMETHANE	00075274	N/A	N/A	[0.55]95	CRL
14V	1,1-DICHLORO[-]ETHANE	00075343	N/A	N/A	N/A	-
15V	1,2-DICHLORO[-]ETHANE	00107062	3100	15000	[0.38]9.9	CRL
16V	1,1-DICHLORO[-]ETHYLENE	00075354	1500	7500	{33.0}30	H
17V	1,2-DICHLORO[-]PROPANE	00078875	2200	11000	[N/A]0.90	[-] CRL
18V	1,3-DICHLORO-PROPYLENE 1,3- DICHLOROPROPENE	00542756	61	310	[0.34]0.27	CRL
19V	ETHYLBENZENE	00100414	580	2900	[530]68	H
20V	METHYL BROMIDE	00074839	110	550	[47]100	H
21V	METHYL CHLORIDE	0074873	5500	28000	N/A	-
22V	METHYLENE CHLORIDE	00075092	2400	12000	[4.6]20	CRL
23V	1,1,2,2-TETRA[-] JCHLOROETHANE	00079345	210	1000	[0.17]0.2	CRL
24V	TETRACHLORO[-]ETHYLENE	00127184	140	700	[0.69]10	CRL
25V	TOLUENE	00108883	330	1700	[1300]57	H
26V	[1,2-trans-DICHLORO- ETHYLENE] <u>trans-1,2-DICHLOROETHYLENE</u>	00156605	1400	6800	[140]100	H
[]D	1,2 cis-DICHLORO[-]ETHYLENE	00156592	N/A	N/A	{12}11	H

27V	1,1,1-TRICHLORO[-]JETHANE	00071556	610	3000	[N/A] <u>10000</u>	[-] <u>H</u>
28V	1,1,2-TRICHLORO[-]JETHANE	00079005	680	3400	[0.59] <u>0.55</u>	CRL
29V	TRICHLORO[-]JETHYLENE	00079016	450	2300	[2.5] <u>0.6</u>	CRL
31V	VINYL CHLORIDE	00075014	N/A	N/A	[0.025] <u>0.02</u>	CRL
1B	ACENAPHTHENE	00083329	17	83	[670] <u>70</u>	H
2B	ACENAPHTHYLENE	00208968	N/A	N/A	N/A	-
3B	ANTHRACENE	00120127	N/A	N/A	[8300] <u>300</u>	H
4B	BENZIDINE	00092875	59	300	[0.000086] <u>0.0001</u>	CRL
5B	BENZO(a)-ANTHRACENE	00056553	0.1	0.5	[0.0038] <u>0.001</u>	CRL
6B	BENZO(a)PYRENE	00050328	N/A	N/A	[0.0038] <u>0.0001</u>	CRL
7B	3,4-BENZO-FLUORANTHENE <u>(BENZO(b)FLUORANTHENE)</u>	00205992	N/A	N/A	[0.0038] <u>0.001</u>	CRL
8B	BENZO(ghi)-PERYLENE	00191242	N/A	N/A	N/A	-
9B	BENZO(k)-FLUORANTHENE	00207089	N/A	N/A	[0.0038] <u>0.01</u>	CRL
E	<u>BIS(CHLOROMETHYL)ETHER</u>	<u>00542881</u>	<u>N/A</u>	<u>N/A</u>	<u>0.0002</u>	<u>CRL</u>
10B	BIS(2-CHLORO[-] ETHOXY)METHANE	00111911	N/A	N/A	N/A	-
11B	BIS(2-CHLORO[-] ETHYL)ETHER	00111444	6000	30000	0.030	CRL
12B	<u>[BIS(2-CHLORO- ISOPROPYL)ETHER] BIS(2- CHLORO-1-METHYLETHYL) ETHER</u>	00108601	N/A	N/A	[1400] <u>200</u>	H
13B	BIS(2-ETHYL[-] HEXYL)PHTHALATE	00117817	910	4500	[1.2] <u>0.32</u>	CRL

14B	4-BROMOPHENYL PHENYL ETHER	00101553	54	270	N/A	-
15B	BUTYLBENZYL PHTHALATE	00085687	35	140	[150]0.1	H
16B	2-CHLORO[-]NAPHTHALENE	00091587	N/A	N/A	[1000]800	H
17B	4-CHLORO[-]PHENYL PHENYL ETHER	07005723	N/A	N/A	N/A	-
18B	CHRYSENE	00218019	N/A	N/A	[0.0038]0.12	CRL
19B	DIBENZO(a,h)[-]ANTHRACENE	00053703	N/A	N/A	[0.0038]0.0001	CRL
20B	1,2-DICHLORO[-]BENZENE	00095501	160	820	[420 for dichloro-benzene]1000	H
21B	1,3-DICHLORO[-]BENZENE	00541731	69	350	[See 20B]7.07	H
22B	1,4-DICHLORO[-]BENZENE	00106467	150	730	[See 20B]300	H
23B	3,3-DICHLORO[-]BENZIDINE	00091941	N/A	N/A	[0.021]0.05	CRL
24B	DIETHYL PHTHALATE	00084662	800	4000	[17000]600	H
25B	DIMETHYL PHTHALATE	00131113	500	2500	[270000]2000	H
26B	DI-N-BUTYL PHTHALATE	00084742	21	110	[2000]20	H
27B	2,4-DINITRO[-]TOLUENE	00121142	320	1600	0.05 for dinitro-toluene	CRL
28B	2,6-DINITRO[-]TOLUENE	00606202	200	990	See 27B	CRL
29B	DI-N-OCTYL PHTHALATE	00117840	N/A	N/A	N/A	-
30B	1,2-DIPHENYL[-]HYDRAZINE	00122667	3	15	0.036-0.03	CRL
31B	FLUORANTHENE	00206440	40	200	[130]20	H
32B	FLUORENE	00086737	N/A	N/A	[1100]50	H

33B	HEXACHLORO[-]BENZENE	00118741	N/A	N/A	[0.00028] <u>0.00008</u>	CRL
34B	HEXACHLORO[-]BUTADIENE	00087683	2	10	[0.44] <u>0.01</u>	CRL
35B	HEXACHLORO[-] CYCLOPENTADIENE	00077474	1	5	[40] <u>4.0</u> 4	H
36B	HEXACHLORO[-]ETHANE	00067721	12	60	[1.4] <u>0.1</u>	CRL
37B	INDENO(1,2,3-cd)PYRENE	00193395	N/A	N/A	[0.0038] <u>0.001</u>	CRL
38B	ISOPHORONE	00078591	2100	10000	[35] <u>34</u>	H
39B	NAPHTHALENE	00091203	43	140	N/A	-
40B	NITROBENZENE	00098953	810	4000	[17] <u>10</u>	H
41B	N-NITROSO[-]DIMETHYLAMINE	00062759	3400	17000	[0.00069] <u>0.0007</u> †	CRL
42B	N-NITROSODI-N-PROPYLAMINE	00621647	N/A	N/A	0.005 †	CRL
43B	N-NITROSO[-]DIPHENYLAMINE	00086306	59	300	3.3 †	CRL
E	<u>PENTACHLORO</u>BENZENE	<u>00608935</u>	<u>N/A</u>	<u>N/A</u>	<u>0.1</u>	<u>H</u>
44B	PHENANTHRENE	00085018	1	5	N/A	-
45B	PYRENE	00129000	N/A	N/A	[830] <u>20</u>	H
E	<u>1,2,4,5-</u> <u>TETRACHLORO</u>BENZENE	<u>00095943</u>	<u>N/A</u>	<u>N/A</u>	<u>0.03</u>	<u>H</u>
46B	1,2,4-TRICHLORO[-]BENZENE	00120821	26	130	[35] <u>0.07</u>	H
1P	ALDRIN	00309002	0.1	3	[0.000049] <u>0.000008</u>	CRL
2P	alpha-[BHC] <u>HEXACHLORO</u>CYCLOHEXANE <u>(HCH)</u>	00319846	N/A	N/A	[0.0026] <u>0.0004</u>	CRL
3P	beta-[BHC] <u>HEXACHLORO</u>CYCLOHEXANE <u>(HCH)</u>	00319857	N/A	N/A	[0.0091] <u>0.008</u>	CRL

4P	gamma-[BHC] <u>HEXACHLOROCYCLOHEXANE</u> <u>(HCH)</u> (LINDANE)	00058899	N/A	0.95	[0.098] <u>4.2</u>	H
5P	delta-BHC	00319868	N/A	N/A	N/A	-
6P	CHLORDANE	00057749	0.0043	2.4	[0.00080] <u>0.0003</u>	CRL
<u>E</u>	<u>CHLOROPHENOXY HERBICIDE</u> <u>(2,4-D)</u>	<u>00094757</u>	<u>N/A</u>	<u>N/A</u>	<u>1000-1400</u>	<u>H</u>
<u>E</u>	<u>CHLOROPHENOXY HERBICIDE</u> <u>(2,4,5-TP)</u>	<u>00093721</u>	<u>N/A</u>	<u>N/A</u>	<u>100</u>	<u>H</u>
7P	4,4-DDT	00050293	0.001	1.1	[0.00022] <u>0.00003</u>	CRL
8P	4,4-DDE	00072559	0.001	1.1	[0.00022] <u>0.00002</u>	CRL
9P	4,4-DDD	00072548	0.001	1.1	[0.00031] <u>0.0001</u>	CRL
10P	DIELDRIN	00060571	0.056	0.24	[0.000052] <u>0.000001</u>	CRL
11P	alpha-ENDOSUL[-]FAN	00959988	0.056	0.22	[62 for endosulfan] <u>20</u>	H
12P	beta-ENDOSULFAN	33213659	0.056	0.22	[See 11P] <u>20</u>	H
13P	ENDOSULFAN SULFATE	01031078	N/A	N/A	[N/A] <u>20</u>	[-] <u>H</u>
14P	ENDRIN	00072208	0.036	0.086	[0.059] <u>0.03</u>	H
15P	ENDRIN ALDEHYDE	07421934	N/A	N/A	[0.29] <u>1-0-1</u>	H
16P	HEPTACHLOR	00076448	0.0038	0.52	[0.000079] <u>0.000006</u>	CRL
17P	HEPTACHLOR EPOXIDE	01024573	0.0038	0.5	[0.000039] <u>0.00003</u>	CRL

<u>E</u>	<u>HEXACHLOROCYCLOHEXANE (HCH)-TECHNICAL</u>	<u>00608731</u>	<u>N/A</u>	<u>N/A</u>	<u>0.007</u>	<u>CRL</u>
<u>E</u>	<u>METHOXYCHLOR</u>	<u>00072435</u>	<u>N/A</u>	<u>N/A</u>	<u>0.02</u>	<u>H</u>
18P	PCB		0.014	N/A	0.000064 for PCBs †	CRL
25P	TOXAPHENE	08001352	0.0002	0.73	[<u>0.00028</u>] <u>0.0007</u>	CRL
PP	2,3,7,8-TCDD	01746016	N/A	N/A	5.0 E-9 †	CRL
<u>D</u>	ACETONE	00067641	86000	450000	{ <u>3500</u> } <u>700</u>	H
<u>D</u>	ACRYLAMIDE	00079061	N/A	N/A	0.07	CRL
<u>D</u>	ALUMINUM	07429905	N/A	750	N/A	-
<u>D</u>	BARIUM	07440393	4100	21000	{ <u>2400</u> } <u>1000</u>	H
<u>D</u>	BENZENE METADISULFONIC ACID	00098486	1600000	2600000	N/A	-
<u>D</u>	BENZENE MONOSULFONIC ACID	00098113	1200000	2000000	N/A	-
<u>D</u>	BENZYL CHLORIDE	00100447	N/A	N/A	0.2	CRL
<u>D</u>	BORON	07440428	1600	8100	{ <u>3100</u> } <u>600</u>	H
<u>D</u>	2-BUTOXY ETHANOL	00111762	N/A	N/A	700	H
<u>D</u>	COBALT	07440484	19	95	N/A	-
<u>D</u>	p-CRESOL	00106445	160	800	N/A	-
<u>D</u>	CYCLOHEXYLAMINE	00108918	N/A	N/A	1000	H
<u>E</u>	DIAZINON	00333415	0.17	0.17	N/A	-
<u>D</u>	FORMALDEHYDE	00050000	440	2200	{ <u>700</u> } <u>1000</u>	H
<u>D</u>	2-HEXANONE	00591786	4300	21000	N/A	-
<u>D</u>	LITHIUM	07439932	N/A	N/A	N/A	-
<u>D</u>	[<u>METHYLETHYL</u>] <u>METHYL ETHYL</u> KETONE	00078933	32000	230000	{ <u>21000</u> } <u>300</u>	H

<u>D</u>	<u>[METHYLISO-BUTYL] METHYL</u> <u>ISOBUTYL KETONE</u>	00108101	5000	26000	N/A	-
<u>D</u>	METOLACHLOR	51218452	N/A	N/A	{69} <u>700</u>	H
<u>D</u>	NONYLPHENOL	[00104405] <u>84852153</u>	6.6	28	N/A	-
<u>D</u>	P-PHENOL SULFONIC ACID	00098679	1400000	3500000	N/A	-
<u>D</u>	<u>[I]1</u> -PROPANOL	00071238	46000	230000	N/A	-
<u>D</u>	2-PROPANOL	00067630	89000	440000	N/A	-
<u>D</u>	RESORCINOL	01084603	7200	28000	{2700} <u>3000</u>	H
<u>D</u>	STRONTIUM	07440246	N/A	N/A	4000	H
<u>D</u>	1,2,3-TRICHLOROPROPANE	00096184	N/A	N/A	{210} <u>26</u>	H
<u>D</u>	1,2,4-TRIMETHYLBENZENE	00095636	N/A	N/A	{72} <u>66</u>	H
<u>D</u>	1,3,5-TRIMETHYLBENZENE	00108678	N/A	N/A	{72} <u>66</u>	H
<u>D</u>	VANADIUM	07440622	100	510	N/A	-
<u>D</u>	XYLENE	01330207	210	1100	{70000} <u>10000</u>	H

Acronyms and Footnotes to Table 5

* Indicates dissolved metal criterion; others are total recoverable metals. Each listed dissolved criterion in Table 5 is equal to the corresponding total recoverable criterion before rounding (from the EPA National Ambient Water Quality Criteria Documents) multiplied by the conversion factor (from the Conversion Factors Table); a criterion that is expressed as a hardness (H)-based equation is shown in Table 5 as the conversion factor (listed) multiplied by the hardness criterion equation; an example criterion at hardness=100mg/L is included.

† Indicates criterion based on the exposure inputs of 2 liters per day of drinking water and consumption of 17.5 grams of fish per day, for protection of a 70 Kg person.

CAS—Chemical Abstract Service number

CRL—Cancer risk level at 1×10^{-6}

D – DEP developed criteria

E – EPA developed criteria

H—Threshold effect human health criterion; incorporates additional uncertainty factor for some Group C carcinogens.

ln [H]—Natural Logarithm of the Hardness of stream as mg/l CaCO₃

ug/L—Micrograms per liter

N/A—Criterion not developed

PP NO—Priority Pollutant Number

§ 93.8d. Development of site-specific water quality criteria.

* * * * *

(c) Scientific studies shall be performed in accordance with the procedures and guidance in the Water Quality Standards Handbook (EPA 1994), as amended and updated, including: “Guidance on the Determination and Use of Water-Effect Ratios for Metals” (February 1994); and the “Methodology for Deriving Ambient Water Quality Criteria for the Protection of Human Health” (2000). **OTHER GUIDANCE APPROVED BY THE DEPARTMENT, WHICH IS BASED ON EPA-APPROVED OR SCIENTIFICALLY DEFENSIBLE METHODOLOGIES, MAY BE USED. The Department may require the use of the Biotic Ligand Model (BLM) for the development of new or updated site-specific criteria for copper in freshwater systems SHALL BE PERFORMED USING THE BIOTIC LIGAND MODEL (BLM). Other guidance approved by the Department, which is based on other EPA-approved or scientifically defensible methodologies, may be used.**

* * * * *

(f) If the Department determines that site-specific criteria are appropriate in accordance with subsection (a), the Department will do the following:

* * * * *

(2) Maintain a publicly available [lists] online table of site-specific criteria.

* * * * *

§ 93.8e. Special criteria for the Great Lakes System.

* * * * *

(b) *Water quality criteria for the Great Lakes System.* Human health and aquatic life criteria for the Great Lakes System are contained in Table 6 (relating to Great Lakes aquatic life and human health criteria). For any pollutant not listed in the table, criteria in Table 5 may be used to protect existing and designated uses, or criteria will be developed by the Department, as needed, in accordance with this chapter and § 16.61 (relating to special provisions for the Great Lakes System).

* * * * *

DESIGNATED WATER USES AND WATER QUALITY CRITERIA

* * * * *

§ 93.9b. Drainage List B.

Delaware River Basin in Pennsylvania
Lackawaxen River

Stream	Zone	County	Water Uses Protected	Exceptions to Specific Criteria
	* * * * *			
3—West Branch Lackawaxen River	Main Stem, Prompton Reservoir to Confluence with Lackawaxen River and DYBERRY CREEK Van Auken Creek	Wayne	HQ-TSF, MF	None
4—Tributaries to West Branch Lackawaxen River	Basins, Prompton Reservoir to Confluence with Lackawaxen River and Van Auken Creek	Wayne	HQ-CWF, MF	None

3-4 —Van Auken Creek	Basin	Wayne	HQ-TSF, MF	None
2—Lackawaxen River	[Mainstem, confluence of West Branch Lackawaxen River and Van Auken Creek to Dyberry Creek] <u>Main Stem</u>	[Wayne] <u>Pike</u>	HQ-TSF, MF	None
3-4 —Tributaries to WEST BRANCH Lackawaxen River	Basins, confluence of West Branch Lackawaxen River and Van Auken Creek to CONFLUENCE WITH LACKAWAXEN RIVER AND Dyberry Creek	Wayne	HQ-CWF, MF	None
3—Dyberry Creek				
	* * * * *			
3—Dyberry Creek	Basin, Big Brook to Mouth	Wayne	HQ-CWF, MF	None
{2—Lackawaxen River	Main Stem, Dyberry Creek to Mouth	Wayne PIKE	HQ-TSF, MF	None}
3—Tributaries to Lackawaxen River	Basins, Dyberry Creek to Wallenpaupack Creek	Wayne	HQ-CWF, MF	None
	* * * * *			

§ 93.9c. Drainage List C.

Delaware River Basin in Pennsylvania *Delaware River*

Stream	Zone	County	Water Uses Protected	Exceptions to Specific Criteria
	* * * * *			
2—Hornbecks Creek	Basin	Pike	HQ-CWF, MF	None
<u>2—Spackmans Creek</u>	<u>Basin</u>	<u>Pike</u>	<u>HQ-CWF,</u> <u>MF</u>	<u>None</u>
2—Toms Creek	Basin	Pike	EV, MF	None
	* * * * *			
2—Allegheny Creek	Basin	Northampton	CWF, MF	None

<u>2—Mill Creek</u>	<u>Basin</u>	<u>Northampton</u>	<u>CWF, MF</u>	<u>None</u>
2—Oughoughton Creek	Basin	Northampton	CWF, MF	None
	* * * *	* *		

§ 93.9d. Drainage List D.

Delaware River Basin in Pennsylvania
Lehigh River

Stream	Zone	County	Water Uses Protected	Exceptions to Specific Criteria
1—Delaware River				
2—Lehigh River	Basin, Source to Tobyhanna Creek	Luzerne-Monroe-Carbon	EV, MF	None
3—Tobyhanna Creek	<u>[Main Stem] Basin, Source to Cross Keys Run</u>	Monroe[-Carbon]	HQ-CWF, MF	None
[4—Unnamed Tributaries to Tobyhanna Creek	<u>Basins</u>	Monroe-Carbon	HQ-CWF, MF	None
4—Jim Smith Run	Basin	Monroe	HQ-CWF, MF	None
4—Pole Bridge Run	Basin	Monroe	HQ-CWF, MF	None
4—Singer Run	Basin	Monroe	HQ-CWF, MF	None
4—East Branch Dresser Run	Basin	Monroe	HQ-CWF, MF	None
4—Pollys Run	Basin	Monroe	HQ-CWF, MF	None
4—Hummler Run	Basin	Monroe	HQ-CWF, MF	None]
4—Cross Keys Run	Basin	Monroe	EV, MF	None
<u>3—Tobyhanna Creek</u>	<u>Basin, Cross Keys Run to Frame Cabin Run</u>	<u>Monroe</u>	<u>HQ-CWF, MF</u>	<u>None</u>
4—Frame Cabin Run	Basin	Monroe	EV, MF	None
[4—Kistler Run	Basin	Monroe	HQ-CWF, MF	None
4—Wagner Run	Basin	Monroe	HQ-CWF, MF	None
4—Upper Tunkhannock Creek	Basin	Monroe	HQ-CWF, MF	None

4—Wolfs Spring Run	Basin	Monroe	HQ-CWF, MF	None
4—Deep Run	Basin	Monroe	HQ-CWF, MF	None
4—Davey Run	Basin	Monroe	HQ-CWF, MF	None
4—Red Run	Basin	Monroe	HQ-CWF, MF	None
4—Tunkhannock Creek	Basin	Monroe- Carbon	HQ-CWF, MF	None
4—Shingle Mill Run	Basin	Carbon	HQ-CWF, MF	None
4—Twomile Run	Basin	Monroe	HQ-CWF, MF	None
4—Stony Run	Basin	Monroe	HQ-CWF, MF	None]
<u>3—Tobyhanna Creek</u>	<u>Basin, Frame Cabin Run to Mouth</u>	<u>Monroe- Carbon</u>	<u>HQ-CWF, MF</u>	<u>None</u>
2—Lehigh River	Basin, Tobyhanna Creek to Buck Mountain Creek	Carbon	HQ-CWF, MF	None
3—Buck Mountain Creek	Main Stem	Carbon	HQ-CWF, MF	None
4—Unnamed Tributaries to Buck Mountain Creek	Basin	Carbon	HQ-CWF, MF	None
4—Indian Run	Basin	Carbon	HQ-CWF, MF	None
4—Shafer Run	Basin	Carbon	EV, MF	None
2—Lehigh River	Main Stem, Buck Mountain Creek to [PA 903 Bridge (at Jim Thorpe)] a point at 40° 52' 3.5" N; 75° 44' 9.3" W	Carbon	HQ-CWF, MF	None
3—Unnamed Tributaries to Lehigh River	Basins, Buck Mountain Creek to [PA 903 Bridge] the point at 40° 52' 3.5" N; 75° 44' 9.3" W	Carbon	HQ-CWF, MF	None
3—Drakes Creek	Basin	Carbon	HQ-CWF, MF	None
	* * * *			
3—Robertson Run	Basin	Carbon	HQ-CWF, MF	None
2—Lehigh River	Main Stem, [PA 903 Bridge] the point at 40° 52' 3.5" N; 75°	Lehigh	TSF, MF	None

44' 9.3" W to
Allentown Dam

3—Unnamed Tributaries to Lehigh River	Basins, [PA 903 Bridge] <u>the point at 40° 52' 3.5" N; 75° 44' 9.3" W</u> to Allentown Dam	Carbon-Lehigh	CWF, MF	None
3—Silkmill Run	Basin	Carbon	CWF, MF	None
<u>3—Mauch Chunk Creek</u>				
[3—Mauch Chunk] <u>5—White Bear</u> Creek	Basin, Source to SR 902 Bridge	Carbon	EV, MF	None
[3—Mauch Chunk] <u>5—White Bear</u> Creek	Basin, SR 902 Bridge to [Mouth] <u>inlet of Mauch Chunk Lake</u>	Carbon	CWF, MF	None
<u>4—Mauch Chunk Lake</u>	<u>Basin</u>	<u>Carbon</u>	<u>CWF, MF</u>	<u>None</u>
<u>3—Mauch Chunk Creek</u>	<u>Basin, Mauch Chunk Lake Dam to Mouth</u>	<u>Carbon</u>	<u>CWF, MF</u>	<u>None</u>
3—[Beaverdam] <u>Beaver</u> Run	Basin	Carbon	CWF, MF	None
3—Long Run	Basin	Carbon	CWF, MF	None
	* * * * *			
4—Jordan Creek	Main Stem	Lehigh	TSF, MF	None
5—[Unnamed] Tributaries to Jordan Creek	Basins, <u>Source to Mill Creek</u>	Lehigh	HQ-CWF, MF	None
[5—Switzer Creek	Basin	Lehigh	HQ-CWF, MF	None
5—Lyon Creek	Basin	Lehigh	HQ-CWF, MF	None]
5—Mill Creek	Basin	Lehigh	CWF, MF	None
[5—Hassen Creek	Basin	Lehigh	HQ-CWF, MF	None]
<u>5—Tributaries to Jordan Creek</u>	<u>Basins, Mill Creek to Mouth</u>	<u>Lehigh</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Little Lehigh Creek	Basin, Jordan Creek to Mouth	Lehigh	HQ-CWF, MF	None
	* * * * *			

§ 93.9e. Drainage List E.

Delaware River Basin in Pennsylvania

Delaware River

Stream	Zone	County	Water Uses Protected	Exceptions to Specific Criteria
	* * * * *			
2—Frya Run	Basin	Northampton	HQ-CWF, MF	None
2—Cooks Creek	Basin	Bucks	EV, MF	None
<u>2—Rodges Run</u>	<u>Basin</u>	<u>Bucks</u>	<u>TSF, MF</u>	<u>None</u>
2—Gallows Run	Basin	Bucks	CWF, MF	None
<u>2—Falls Creek</u>	<u>Basin</u>	<u>Bucks</u>	<u>TSF, MF</u>	<u>None</u>
<u>2—Swamp Creek</u>	<u>Basin</u>	<u>Bucks</u>	<u>TSF, MF</u>	<u>None</u>
2—Tinicum Creek	Basin	Bucks	EV, MF	None
<u>2—Smithtown Creek</u>	<u>Basin</u>	<u>Bucks</u>	<u>TSF, MF</u>	<u>None</u>
2—Tohickon Creek	Basin, Source to Lake Nockamixon Dam	Bucks	TSF, MF	None
2—Tohickon Creek	Basin, Lake Nockamixon Dam to Deep Run	Bucks	CWF, MF	None
3—Deep Run	Basin	Bucks	WWF, MF	None
	* * * * *			
1—Delaware Estuary	Tidal Portions of Basin, Head of Tide to Burlington-Bristol Bridge	Bucks	WWF, MF	See DRBC regulations —Water Quality Zone 2
2—Unnamed Tributaries to Delaware Estuary	Non-Tidal Portion of Basins, Head of Tide to Burlington-Bristol Bridge	Bucks	WWF, MF	None
<u>2—Biles Creek</u>	<u>Non-Tidal Portion of Basin</u>	<u>Bucks</u>	<u>WWF, MF</u>	<u>None</u>
2—Martins Creek	Non-Tidal Portion of Basin	Bucks	WWF, MF	None
2—Levittown Lake	Basin	Bucks	TSF, MF	None
	* * * * *			

§ 93.9f. Drainage List F.

Delaware River Basin in Pennsylvania
Schuylkill River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
	* * * * *			

3—Tulpehocken Creek	Main Stem, Blue Marsh Reservoir Dam to T 921	Berks	CWF, MF	None
4—Unnamed Tributaries to Tulpehocken Creek	Basins, Blue Marsh Reservoir Dam to T 921	Berks	WWF, MF	None
[5] <u>4</u> —Plum Creek	Basin, Source to [Unnamed Tributary at RM 0.45] UNT 01867 at 40° 22' 30.2"N; 76° 0' 45.2"W	Berks	WWF, MF	None
[6—Unnamed Tributary to Plum Creek at RM 0.45] 5—UNT 01867 to Plum Creek	Basin	Berks	WWF, MF	None
[5] <u>4</u> —Plum Creek	Basin, UNT [at RM 0.45] 01867 to Mouth	Berks	CWF, MF	None
4—Cacoosing Creek	Basin, Source to Little Cacoosing Creek * * * *	Berks	CWF, MF	None
3—UNTs to Schuylkill River	Basins, in Spring City and Phoenixville	Chester	WWF, MF	None
3—Manatawny Creek	[Main Stem	Berks	CWF, MF	None
4—Unnamed Tributaries to Manatawny Creek	Basins	Berks	CWF, MF	None]
4—Pine Creek	Basin	Berks	EV, MF	None
4—Bieber Creek	Basin	Berks	EV, MF	None
<u>3—Manatawny Creek</u>	<u>Basin, Confluence of Pine Creek and Bieber Creek to Oysterville Creek</u>	<u>Berks</u>	<u>CWF, MF</u>	<u>None</u>
[4—Little Manatawny Creek	Basin	Berks	CWF, MF	None]
4—Oysterville Creek	Basin, Source to T 634 Bridge [(RM 2.6)at 40° 23' 45.9" N; 75° 42' 30.0" W	Berks	EV, MF	None
4—Oysterville Creek	Basin, T 634 Bridge [(RM 2.6)] to Confluence of UNT 01680 at 40° 22' 44.6" N; 75° 43' 48.0" W	Berks	HQ-CWF, MF	None
5—UNT 01680 to Oysterville Creek	Basin	Berks	CWF, MF	None
4—Oysterville Creek	Basin, UNT 01680 to Mouth	Berks	HQ-CWF, MF	None
[4—Furnace Run	Basin	Berks	CWF, MF	None]

<u>3—Manatawny Creek</u>	<u>Basin, Oysterville Creek to Trout Run</u>	<u>Berks</u>	<u>CWF, MF</u>	<u>None</u>
4—Trout Run	Basin	Berks	EV, MF	None
<u>3—Manatawny Creek</u>	<u>Basin, Trout Run to Ironstone Creek</u>	<u>Berks</u>	<u>CWF, MF</u>	<u>None</u>
4—Ironstone Creek	Basin	Berks	TSF, MF	None
<u>3—Manatawny Creek</u>	<u>Basin, Ironstone Creek to Mouth</u>	<u>Berks</u>	<u>CWF, MF</u>	<u>None</u>
3—Sprogels Run	Basin	Montgomery	WWF, MF	None
	* * * *	*		
3—Perkiomen Creek	Basin, Source to SR 1010 Bridge at Hereford	Berks	HQ-CWF, MF	None
3—Perkiomen Creek	Main Stem, SR 1010 Bridge to Green Lane Reservoir Dam	Montgomery	TSF, MF	None
4—[UNTs] <u>Tributaries</u> to Perkiomen Creek	Basins, SR 1010 Bridge to [Green Lane Reservoir Dam] <u>Hosensack Creek</u>	Montgomery	TSF, MF	None
4—Hosensack Creek	Basin	Montgomery	CWF, MF	None
<u>4—Tributaries to Perkiomen Creek</u>	<u>Basins, Hosensack Creek to West Branch Perkiomen Creek</u>	<u>Montgomery</u>	<u>TSF, MF</u>	<u>None</u>
4—West Branch Perkiomen Creek	Basin, Source to SR 1022 Bridge [(RM 12.9)]at <u>40° 26' 49.6" N; 75° 37' 16.2" W</u>	Berks	CWF, MF	None
4—West Branch Perkiomen Creek	Basin, SR 1022 Bridge to SR 2069 Bridge [(RM 8.0)]at <u>40° 23' 45.8" N; 75° 36' 31.5" W</u>	Berks	EV, MF	None
4—West Branch Perkiomen Creek	Basin, SR 2069 Bridge to Mouth	Montgomery	CWF, MF	None
<u>4—Tributaries to Perkiomen Creek</u>	<u>Basins, West Branch Perkiomen Creek to Unami Creek</u>	<u>Montgomery</u>	<u>TSF, MF</u>	<u>None</u>
3—Perkiomen Creek	Main Stem, Green Lane Reservoir Dam to Mouth	Montgomery	WWF, MF	None
[4— <u>Unnamed Tributaries to Perkiomen Creek</u>	<u>Basins, Green Lane Reservoir Dam to Mouth</u>	<u>Montgomery</u>	<u>TSF, MF</u>	<u>None</u>
4—Macoby Creek	Basin	Montgomery	TSF, MF	None
4—Deep Creek	Basin	Montgomery	TSF, MF	None]

4—Unami Creek	Basin	Montgomery	HQ-TSF, MF	None
<u>4—Tributaries to Perkiomen Creek</u>	<u>Basins, Unami Creek to Swamp Creek</u>	<u>Montgomery</u>	<u>TSF, MF</u>	<u>None</u>
4—Swamp Creek	Basin, Source to Dam in Bechtelsville [(RM 15.5)] <u>at 40° 22' 24.9" N; 75° 37' 51.5" W</u>	Berks	HQ-CWF, MF	None
4—Swamp Creek	Basin, Dam in Bechtelsville to [Route]SR 100 Bridge	Berks	CWF, MF	None
4—Swamp Creek	Basin, [Route]SR 100 Bridge to Mouth	Montgomery	TSF, MF	None
[4—Mine Run	Basin	Montgomery	TSF, MF	None
4—East Branch Perkiomen Creek	Basin	Montgomery	TSF, MF	None
4—Lodal Creek	Basin	Montgomery	TSF, MF	None
4—Schoolhouse Run	Basin	Montgomery	TSF, MF	None
4—Doe Run	Basin	Montgomery	TSF, MF	None
4—Skippack Creek	Basin	Montgomery	TSF, MF	None
4—Mine Run	Basin	Montgomery	TSF, MF	None]
<u>4—Tributaries to Perkiomen Creek</u>	<u>Basins, Swamp Creek to Mouth</u>	<u>Montgomery</u>	<u>TSF, MF</u>	<u>None</u>
3—Valley Creek	Basin	Montgomery — Chester	EV, MF	None
	* * * *	*		

§ 93.9g. Drainage List G.

Delaware River Basin in Pennsylvania
Delaware River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
	* * * *	*		
2—Ridley Creek	Non-Tidal Portions of Basin, LR 23013 Bridge to Mouth	Delaware	WWF, MF	None
2—Chester Creek	Basin (<u>locally known as Goose Creek basin</u>), Source to East Branch Chester Creek	Chester	[TSF] <u>WW</u> <u>E</u> , MF	None
3—East Branch Chester Creek	Basin[, <u>Source to Westtown Run</u>]	Chester	TSF, MF	None
[4—Westtown Run	Basin	Chester	WWF, MF	None

3—East Branch Chester Creek	Basin, Westtown Run to Mouth	Chester	TSF, MF	None]
2—Chester Creek	Basin, East Branch Chester Creek to Rocky Run * * * * *	Delaware	TSF, MF	None
2—Chester Creek	Nontidal Portions of Basin, Dutton Mills Road Bridge to Mouth	Delaware	WWF, MF	None
2—[Stony] <u>Stoney</u> Creek	Non-Tidal Portions of Basin	Delaware	WWF, MF	None
2—Marcus Hook Creek	Non-Tidal Portions of Basin * * * * *	Delaware	WWF, MF	None
4—East Branch Brandywine Creek	Main Stem, Shamona Creek to Confluence with West Branch	Chester	WWF, MF	None
5—[Unnamed] Tributaries to East Branch Brandywine Creek	Basins, Shamona Creek to [Confluence with West Branch (except in East Brandywine and Uwchlan Townships)] <u>UNT 00322 at 40° 1' 29.5"N; 75° 42' 22.6" W</u>	Chester	[WWF, MF] <u>HQ-TSF, MF</u>	None
5—[Unnamed] Tributaries to East Branch Brandywine Creek	Basins, [in East Brandywine and Uwchlan Townships] <u>UNT 00322 to Beaver Creek</u>	Chester	[HQ-TSF, MF] <u>WWF, MF</u>	None
5—Beaver Creek	Basin	Chester	CWF, MF	None
<u>5—UNNAMED Tributaries to East Branch Brandywine Creek</u>	<u>Basins, Beaver Creek to Confluence with West Branch</u>	<u>Chester</u>	<u>WWF, MF</u>	<u>None</u>
5—Valley Creek	Basin, Source to Broad Run * * * * *	Chester	CWF, MF	None
3—Brandywine Creek	[Main Stem] <u>Basin</u> , Confluence of East and West Branches to [PA-DE State Border] <u>Pocopson Creek</u>	Chester-Delaware	WWF, MF	None

[4—Unnamed Tributaries to Brandywine Creek	Basins (all sections in PA), Confluence of East and West Branches to PA-DE State Border	Chester-Delaware	WWF, MF	None
4—Plum Run	Basin	Chester	WWF, MF	None
4—Radley Run	Basin	Chester	WWF, MF	None]
4—Pocopson Creek	Basin	Chester	TSF, MF	None
[4—Bennetts Run	Basin	Chester	WWF, MF	None
4—Brinton Run	Basin	Chester	WWF, MF	None
4—Ring Run	Basin	Chester	WWF, MF	None
4—Harvey Run	Basin	Chester	WWF, MF	None]
<u>3—Brandywine Creek</u>	<u>Basin (all sections in PA), Pocopson Creek to PA-DE State Border</u>	<u>Chester-Delaware</u>	<u>WWF, MF</u>	<u>None</u>
3—Brandywine Creek (DE)				
4—[Unnamed] Tributaries to Brandywine Creek	Basins (all sections in PA), PA-DE State Border to Mouth	Delaware	WWF, MF	None

§ 93.9j. Drainage List J.

Susquehanna River Basin in Pennsylvania
Lackawanna River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
	* * * *	*		
3—Meadow Brook	Basin	Lackawanna	CWF, MF	None
3—Roaring Brook	Basin, Source to <u>Inlet of</u> Elmhurst Reservoir	Lackawanna	HQ-CWF, MF	None
3—Roaring Brook	Basin, <u>Inlet of</u> Elmhurst Reservoir to Mouth	Lackawanna	CWF, MF	None
3—Stafford Meadow Brook	Basin, Source to Farthest Downstream Crossing of Scranton-Moosic Corporate Boundary	Lackawanna	HQ-CWF, MF	None
	* * * *	*		

§ 93.9k. Drainage List K.

Susquehanna River Basin in Pennsylvania
Susquehanna River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
	* * * *	*		
2—Warrior Creek	Basin	Luzerne	CWF, MF	None
2—Nanticoke Creek	Basin	Luzerne	CWF, MF	None
<u>2—Newport Creek</u>	<u>Basin</u>	<u>Luzerne</u>	<u>CWF, MF</u>	<u>None</u>
2—Harvey Creek	Basin, Source to Pikes Creek	Luzerne	HQ-CWF, MF	None
3—Pikes Creek	Basin	Luzerne	HQ-CWF, MF	None
2—Harvey Creek	Basin, Pikes Creek to Mouth	Luzerne	CWF, MF	None
	* * * *	*		

§ 93.91. Drainage List L.

Susquehanna River Basin in Pennsylvania
West Branch Susquehanna River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
1—Susquehanna River				
2—West Branch Susquehanna River	Main Stem	Northumberland	WWF, MF	None
3—[Unnamed] Tributaries to West Branch Susquehanna River	Basins, Source to <u>[Moshannon Creek]</u> <u>Cush Cushion Creek</u>	Cambria-Indiana-Clearfield	CWF, MF	None
[3—Leslie Run	Basin	Cambria	CWF, MF	None
3—Hoppel Run	Basin	Cambria	CWF, MF	None
3—Fox Run	Basin	Cambria	CWF, MF	None
3—Browns Run	Basin	Cambria	CWF, MF	None
3—Walnut Run	Basin	Cambria	CWF, MF	None
3—Porter Run	Basin	Cambria	CWF, MF	None
3—Moss Creek	Basin	Cambria	CWF, MF	None
3—Douglas Run	Basin	Cambria	CWF, MF	None
3—Emeigh Run	Basin	Cambria	CWF, MF	None
3—Peg Run	Basin	Cambria	CWF, MF	None]

3—Cush Cushion Creek	Basin	Indiana	HQ-CWF, MF	None
[3—Kilns Run	Basin	Clearfield	CWF, MF	None
3—Kings Run	Basin	Clearfield	CWF, MF	None
3—Shyrock Run	Basin	Clearfield	CWF, MF	None
3—Boiling Spring Run	Basin	Clearfield	CWF, MF	None
3—Sawmill Run	Basin	Clearfield	CWF, MF	None
3—Rock Run	Basin	Clearfield	CWF, MF	None
3—Cush Creek	Basin	Clearfield	CWF, MF	None
3—Martin Run	Basin	Clearfield	CWF, MF	None
3—North Run	Basin	Clearfield	CWF, MF	None
3—Deer Run	Basin	Clearfield	CWF, MF	None
3—Bear Run	Basin	Clearfield	CWF, MF	None
3—Whisky Run	Basin	Clearfield	CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Cush Cushion Creek to Chest Creek</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>
3—Chest Creek	Basin, Source to Patton Water Supply	Cambria	HQ-CWF, MF	None
3—Chest Creek	Basin, Patton Water Supply to Rogues Harbor Run	Clearfield	CWF, MF	None
4—Rogues Harbor Run	Basin	Clearfield	EV, MF	None
3—Chest Creek	Basin, Rogues Harbor Run to Pine Run	Clearfield	CWF, MF	None
4—Pine Run	Basin	Clearfield	EV, MF	None
3—Chest Creek	Basin, Pine Run to Mouth	Clearfield	CWF, MF	None
[3—Miller Run	Basin	Clearfield	CWF, MF	None
3—Laurel Run	Basin	Clearfield	CWF, MF	None
3—Haslett Run	Basin	Clearfield	CWF, MF	None
3—Curry Run	Basin	Clearfield	CWF, MF	None
3—McCracken Run	Basin	Clearfield	CWF, MF	None
3—Bell Run	Basin	Clearfield	CWF, MF	None
3—Hiles Run	Basin	Clearfield	CWF, MF	None
3—Passmore Run	Basin	Clearfield	CWF, MF	None
3—Porter Run	Basin	Clearfield	CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Chest Creek to Anderson Creek</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>
3—Anderson Creek	Basin, Source to DuBois Dam	Clearfield	HQ-CWF, MF	None
3—Anderson Creek	Basin, DuBois Dam to Bear Run	Clearfield	CWF, MF	None

4—Bear Run	Basin, Source to Pike Twp. Municipal Authority Dam	Clearfield	HQ-CWF, MF	None
4—Bear Run	Basin, Pike Twp. Municipal Authority Dam to Mouth	Clearfield	CWF, MF	None
3—Anderson Creek	Basin, Bear Run to Mouth	Clearfield	CWF, MF	None
[3—Hogback Run	Basin	Clearfield	CWF, MF	None
3—Hartshorn Run	Basin	Clearfield	CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Anderson Creek to Montgomery Creek</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>
3—Montgomery Creek	Basin, Source to Montgomery Dam	Clearfield	HQ-CWF, MF	None
3—Montgomery Creek	Basin, Montgomery Dam to Mouth	Clearfield	CWF, MF	None
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Montgomery Creek to Moose Creek</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>
3—Moose Creek	Basin, Source to Dam	Clearfield	HQ-CWF, MF	None
3—Moose Creek	Basin, Dam to Mouth	Clearfield	CWF, MF	None
[3—Wolf Run	Basin	Clearfield	CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Moose Creek to Clearfield Creek</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>
3—Clearfield Creek	Main Stem	Clearfield	WWF, MF	None
4—[Unnamed] Tributaries to Clearfield Creek	Basins, <u>Source to Sandy Run</u>	Cambria[-Clearfield]	CWF, MF	None
[4—Bradley Run	Basin	Cambria	CWF, MF	None
4—Beaverdam Run	Basin	Cambria	CWF, MF	None
4—Swartz Run	Basin	Cambria	CWF, MF	None
4—Little Laurel Run	Basin	Cambria	CWF, MF	None
4—Indian Run	Basin	Cambria	CWF, MF	None
4—Laurel Run	Basin	Cambria	CWF, MF	None
4—Brubaker Run	Basin	Cambria	CWF, MF	None]
4—Sandy Run	Basin	Cambria	HQ-CWF, MF	None
[4—Powell Run	Basin	Cambria	CWF, MF	None
4—Fallentimber Run	Basin	Cambria	CWF, MF	None
4—Beaverdam Run	Basin	Cambria	CWF, MF	None
4—Turner Run	Basin	Clearfield	CWF, MF	None
4—Blain Run	Basin	Clearfield	CWF, MF	None
4—North Witmer Run	Basin	Clearfield	CWF, MF	None
4—DeWitt Run	Basin	Clearfield	CWF, MF	None

4—Pine Run	Basin	Clearfield	CWF, MF	None
4—Dotts Hollow	Basin	Clearfield	CWF, MF	None
4—Cofinan Run	Basin	Clearfield	CWF, MF	None
4—Blue Run	Basin	Clearfield	CWF, MF	None
4—Buck Run (Porter Run)	Basin	Clearfield	CWF, MF	None
4—Maplepole Run	Basin	Clearfield	CWF, MF	None]
<u>4—Tributaries to Clearfield Creek</u>	<u>Basins, Sandy Run to Muddy Run</u>	<u>Cambria</u>	<u>CWF, MF</u>	<u>None</u>
4—Muddy Run	Basin, Source to Little Muddy Run	Clearfield	CWF, MF	None
5—Little Muddy Run	Basin, Source to Janesville Sportsman Dam	Clearfield	HQ-CWF, MF	None
5—Little Muddy Run	Basin, Janesville Sportsman Dam to Mouth	Clearfield	CWF, MF	None
4—Muddy Run	Basin, Little Muddy Run to Mouth	Clearfield	CWF, MF	None
[4—Japling Run	Basin	Clearfield	CWF, MF	None
4—Pine Run	Basin	Clearfield	CWF, MF	None
4—Lost Run	Basin	Clearfield	CWF, MF	None
4—Upper Morgan Run	Basin	Clearfield	CWF, MF	None
4—Potts Run	Basin	Clearfield	CWF, MF	None
4—Dunlap Run	Basin	Clearfield	CWF, MF	None
4—Lytle Run	Basin	Clearfield	CWF, MF	None
4—Cherry Run	Basin	Clearfield	CWF, MF	None
4—Raccoon Run	Basin	Clearfield	CWF, MF	None
4—Sanhourn Run	Basin	Clearfield	CWF, MF	None
4—Camp Hope Run	Basin	Clearfield	CWF, MF	None
4—Morgan Run	Basin	Clearfield	CWF, MF	None]
<u>4—Tributaries to Clearfield Creek</u>	<u>Basins, Muddy Run to Little Clearfield Creek</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>
4—Little Clearfield Creek	Basin	Clearfield	HQ-CWF, MF	None
[4—Long Run	Basin	Clearfield	CWF, MF	None
4—Roaring Run	Basin	Clearfield	CWF, MF	None
3—Abes Run	Basin	Clearfield	CWF, MF	None]
<u>4—Tributaries to Clearfield Creek</u>	<u>Basins, Little Clearfield Creek to Mouth</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Clearfield Creek to Lick Run</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>

3—Lick Run	Basin	Clearfield	HQ-CWF, MF	None
[3—Devils Run	Basin	Clearfield	CWF, MF	None
3—Bloody Run	Basin	Clearfield	CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Lick Run to Trout Run</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>
3—Trout Run	Basin	Clearfield	HQ-CWF, MF	None
[3—Millstone Run	Basin	Clearfield	CWF, MF	None
3—Surveyor Run	Basin	Clearfield	CWF, MF	None
3—Bear Run	Basin	Clearfield	CWF, MF	None
3—Bald Hill Run	Basin	Clearfield	CWF, MF	None
3—Moravian Run	Basin	Clearfield	CWF, MF	None
3—Deer Creek	Basin	Clearfield	CWF, MF	None
3—Big Run	Basin	Clearfield	CWF, MF	None
3—Willholm Run	Basin	Clearfield	CWF, MF	None
3—Sandy Creek	Basin	Clearfield	CWF, MF	None
3—Alder Run	Basin	Clearfield	CWF, MF	None
3—Rolling Stone Run	Basin	Clearfield	CWF, MF	None
3—Mowry Run	Basin	Clearfield	CWF, MF	None
3—Basin Run	Basin	Clearfield	CWF, MF	None
3—Rock Run	Basin	Clearfield	CWF, MF	None
3—Potter Run	Basin	Clearfield	CWF, MF	None
3—Rupley Run	Basin	Clearfield	CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Trout Run to Moshannon Creek</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>
3—Moshannon Creek	Basin, Source to Roup Run	Clearfield- Centre	HQ-CWF, MF	None
<u>4—Roup Run</u>	<u>Basin</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None</u>
3—Moshannon Creek	Main Stem, Roup Run to Mouth	Clearfield- Centre	TSF, MF	None
4—[UNTs] <u>Tributaries</u> to Moshannon Creek	Basins, Roup Run to [<u>Mouth</u>] <u>Moutain</u> <u>Branch</u>	Clearfield- Centre	CWF, MF	None
[4—Roup Run	Basin	Centre	CWF, MF	None
4—Whiteside Run	Basin	Clearfield	CWF, MF	None]
4—Mountain Branch	Basin, Source to Trim Root Run	Centre	HQ-CWF, MF	None
5—Trim Root Run	Basin	Centre	HQ-CWF, MF	None
4—Mountain Branch	Basin, Trim Root Run to Mouth	Centre	CWF, MF	None
[4—Bear Run	Basin	Centre	CWF, MF	None

4—Beaver Run	Basin	Clearfield	CWF, MF	None
4—Big Run	Basin	Clearfield	CWF, MF	None]
<u>4—Tributaries to Moshannon Creek</u>	<u>Basins, Mountain Branch to Trout Run</u>	<u>Clearfield-Centre</u>	<u>CWF, MF</u>	<u>None</u>
4—Trout Run	Basin, Source to Montola Dam	Centre	HQ-CWF, MF	None
4—Trout Run	Basin, Montola Dam to Mouth	Centre	CWF, MF	None
[4—Shimel Run	Basin	Clearfield	CWF, MF	None]
<u>4—Tributaries to Moshannon Creek</u>	<u>Basins, Trout Run to Laurel Run</u>	<u>Clearfield-Centre</u>	<u>CWF, MF</u>	<u>None</u>
4—Laurel Run	Basin, Source to Simeling Run	Clearfield	CWF, MF	None
5—Simeling Run	Basin	Clearfield	HQ-CWF, MF	None
4—Laurel Run	Basin, Simeling Run to Mouth	Clearfield	CWF, MF	None
<u>4—Tributaries to Moshannon Creek</u>	<u>Basins, Laurel Run to Cold Stream</u>	<u>Clearfield-Centre</u>	<u>CWF, MF</u>	<u>None</u>
4—Cold Stream	Basin, Source to US 322	Centre	HQ-CWF, MF	None
4—Cold Stream	Basin, US 322 to Mouth	Centre	CWF, MF	None
[4—Emigh Run	Basin	Clearfield	CWF, MF	None
4—Onemile Run	Basin	Centre	CWF, MF	None
4—Hawk Run	Basin	Clearfield	CWF, MF	None
4—Wolf Run	Basin	Centre	CWF, MF	None
4—Sulphur Run	Basin	Clearfield	CWF, MF	None]
<u>4—Tributaries to Moshannon Creek</u>	<u>Basins, Cold Stream to Black Bear Run</u>	<u>Clearfield-Centre</u>	<u>CWF, MF</u>	<u>None</u>
4—Black Bear Run	Basin	Centre	EV, MF	None
<u>4—Tributaries to Moshannon Creek</u>	<u>Basins, Black Bear Run to Sixmile Run</u>	<u>Clearfield-Centre</u>	<u>CWF, MF</u>	<u>None</u>
4—Sixmile Run	Basin	Centre	HQ-CWF, MF	None
[4—Tark Hill Run	Basin	Centre	CWF, MF	None
4—Potter Run	Basin	Centre	CWF, MF	None
4—Laurel Run	Basin	Centre	CWF, MF	None
4—Browns Run	Basin	Clearfield	CWF, MF	None
4—Grassflat Run	Basin	Clearfield	CWF, MF	None
4—Weber Run	Basin	Clearfield	CWF, MF	None
4—Crawford Run	Basin	Clearfield	CWF, MF	None]
<u>4—Tributaries to Moshannon Creek</u>	<u>Basins, Sixmile Run to Black Moshannon Creek</u>	<u>Clearfield-Centre</u>	<u>CWF, MF</u>	<u>None</u>

4—Black Moshannon Creek	[Main Stem] Basin, Source to Benner Run	Centre	HQ-CWF, MF	None
[5—Unnamed Tributaries to Black Moshannon Creek	Basins	Centre	HQ-CWF, MF	None
5—Shirks Run	Basin	Centre	HQ-CWF, MF	None
5—Smays Run	Basin	Centre	HQ-CWF, MF	None
5—North Run	Basin	Centre	HQ-CWF, MF	None]
5—Benner Run	Basin, Source to Pine Haven Camp	Centre	EV, MF	None
5—Benner Run	Basin, Pine Haven Camp to Mouth	Centre	HQ-CWF, MF	None
[5—Hall Run	Basin	Centre	HQ-CWF, MF	None
5—Myers Run	Basin	Centre	HQ-CWF, MF	None]
<u>4—Black Moshannon Creek</u>	<u>Basin, Benner Run to Rock Run</u>	<u>Centre</u>	<u>HQ-CWF, MF</u>	<u>None</u>
5—Rock Run	Basin	Centre	EV, MF	None
[5—Pine Run	Basin	Centre	HQ-CWF, MF	None
5—Hicklen Run	Basin	Centre	HQ-CWF, MF	None]
[4—Sevenmile Run	Basin	Centre	CWF, MF	None]
<u>4—Black Moshannon Creek</u>	<u>Basin, Rock Run to Mouth</u>	<u>Centre</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>4—Tributaries to Moshannon Creek</u>	<u>Basins, Black Moshannon Creek to Ames Run</u>	<u>Clearfield- Centre</u>	<u>CWF, MF</u>	<u>None</u>
4—Ames Run	Basin	Clearfield	HQ-CWF, MF	None
<u>4—Tributaries to Moshannon Creek</u>	<u>Basins, Ames Run to Mouth</u>	<u>Clearfield- Centre</u>	<u>CWF, MF</u>	<u>None</u>
3—[Unnamed] Tributaries to West Branch Susquehanna River	Basins, Moshannon Creek to [RM 121.36] <u>Mosquito Creek</u>	Clearfield- Centre[- Clinton]	HQ-CWF, MF	None
[3—Redlick Run	Basin	Centre	HQ-CWF, MF	None]
3—Mosquito Creek	[Main Stem] Basin, Source to Twelvemile Run	<u>Elk-Clearfield</u>	HQ-CWF, MF	None
[4—Unnamed Tributaries to Mosquito Creek	Basins	Elk- Clearfield	HQ-CWF, MF	None
4—Pebble Run	Basin	Elk	HQ-CWF, MF	None

4—Beaver Run	Basin	Elk	HQ-CWF, MF	None
4—McNerny Run	Basin	Clearfield	HQ-CWF, MF	None
4—Meeker Run	Basin	Clearfield	HQ-CWF, MF	None
4—Panther Run	Basin	Clearfield	HQ-CWF, MF	None]
4—Twelvemile Run	Basin	Clearfield	EV, MF	None
[4—Gifford Run	Basin	Clearfield	HQ-CWF, MF	None
4—Susman Run	Basin	Clearfield	HQ-CWF, MF	None]
<u>3—Mosquito Creek</u>	<u>Basin, Twelvemile Run to Cole Run</u>	<u>Clearfield</u>	<u>HQ-CWF, MF</u>	<u>None</u>
4—Cole Run	Basin	Clearfield	EV, MF	None
[4—Grimes Run	Basin	Clearfield	HQ-CWF, MF	None
4—Dutch Hollow	Basin	Clearfield	HQ-CWF, MF	None
4—Curleys Run	Basin	Clearfield	HQ-CWF, MF	None]
[3—Laurel Run	Basin	Centre	HQ-CWF, MF	None
3—Saltlick Run	Basin	Clearfield	HQ-CWF, MF	None
3—Upper Three Runs	Basin	Clearfield	HQ-CWF, MF	None
3—Lower Three Runs	Basin	Clearfield	HQ-CWF, MF	None
3—Sterling Run	Basin	Centre	HQ-CWF, MF	None]
<u>3—Mosquito Creek</u>	<u>Basin, Cole Run to Mouth</u>	<u>Clearfield</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Mosquito Creek to Loop Run</u>	<u>Clearfield- Centre- Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Loop Run	Basin	Clinton	CWF, MF	None
[3—Spruce Run	Basin	Centre	HQ-CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Loop Run to UNT 25562 at 41° 9' 40.2''N; 78° 0' 3.9''W</u>	<u>Centre- Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—[Unnamed Tributary to West Branch Susquehanna River at RM 121.36] <u>UNT 25562</u>	Basin	Clinton	CWF, MF	None

3—[Unnamed] Tributaries to West Branch Susquehanna River	Basins, [RM 121.36 to Queens Run] <u>UNT 25562 to Little Bougher Run</u>	<u>Centre-Clinton</u>	HQ-CWF, MF	None
[3—Bougher Run	Basin	Centre	HQ-CWF, MF	None]
3—Little Bougher Run	Basin	Clinton	CWF, MF	None
[3—Leaning Pine Run	Basin	Clinton	HQ-CWF, MF	None
3—Moores Run	Basin	Centre	HQ-CWF, MF	None
3—Sugarcamp Run	Basin	Clinton	HQ-CWF, MF	None
3—Birch Island Run	Basin	Clinton	HQ-CWF, MF	None
3—Black Stump Run	Basin	Clinton	HQ-CWF, MF	None
3—Grove Run	Basin	Clinton	HQ-CWF, MF	None
3—Fields Run	Basin	Centre	HQ-CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Little Bougher Run to Yost Run</u>	<u>Centre-Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Yost Run	Basin	Centre	EV, MF	None
[3—Morris Run	Basin	Clinton	HQ-CWF, MF	None
3—Dry Run	Basin	Clinton	HQ-CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Yost Run to Burns Run</u>	<u>Centre-Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Burns Run	Basin	Centre	EV, MF	None
[3—Jews Run	Basin	Clinton	HQ-CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Burns Run to Sinnemahoning Creek</u>	<u>Centre-Clinton-Cameron</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Sinnemahoning Creek				
4—Bennett Branch Sinnemahoning Creek	[Main Stem, Source to Mill Run] Basin, Source to South Branch Bennett Branch	Cameron	CWF, MF	None
[5—Unnamed Tributaries to Bennett Branch Sinnemahoning Creek	Basins	Clearfield-Elk- Cameron	CWF, MF	None
5—McCracken Run	Basin	Clearfield	CWF, MF	None]

5—South Branch Bennett Branch	Basin	Clearfield	HQ-CWF, MF	None
[5—Heath Run	Basin	Clearfield	CWF, MF	None
5—Bark Camp Run	Basin	Clearfield	CWF, MF	None
5—Mountain Run	Basin	Clearfield	CWF, MF	None
5—Matley Hollow	Basin	Clearfield	CWF, MF	None]
<u>4—Bennett Branch</u>	<u>Basin, South Branch</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>
<u>Sinnemahoning Creek</u>	<u>Bennett Branch to</u>			
	<u>Wilson Run</u>			
5—Wilson Run	Basin, Source to East Branch Wilson Run	Clearfield	CWF, MF	None
6—East Branch Wilson Run	Basin	Clearfield	HQ-CWF, MF	None
5—Wilson Run	Basin, East Branch Wilson Run to Mouth	Clearfield	CWF, MF	None
[5—Moose Run	Basin	Clearfield	CWF, MF	None
5—Horning Run	Basin	Clearfield	CWF, MF	None
5—Lamb Hollow	Basin	Clearfield	CWF, MF	None
5—Horning Hollow	Basin	Clearfield	CWF, MF	None
5—Mill Run	Basin	Clearfield	CWF, MF	None]
<u>4—Bennett Branch</u>	<u>Basin, Wilson Run to</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>
<u>Sinnemahoning Creek</u>	<u>Mill Run</u>			
<u>5—Mill Run</u>	<u>Basin</u>	<u>Clearfield</u>	<u>CWF, MF</u>	<u>None</u>
4—Bennett Branch Sinnemahoning Creek	Main Stem, Mill Run to Confluence with Driftwood Branch	Cameron	WWF, MF	None
[5—Tyler Run	Basin	Clearfield	CWF, MF	None]
<u>5—Tributaries to Bennett</u>	<u>Basins, Mill Run to</u>	<u>Clearfield-</u>	<u>CWF, MF</u>	<u>None</u>
<u>Branch Sinnemahoning Creek</u>	<u>Cherry Run</u>	<u>Cameron-Elk</u>		
5—Cherry Run	Basin, Source to Shawmut Dam	Elk	HQ-CWF, MF	None
5—Cherry Run	Basin, Shawmut Dam to Mouth	Elk	CWF, MF	None
<u>5—Tributaries to Bennett</u>	<u>Basins, Cherry Run</u>	<u>Elk</u>	<u>CWF, MF</u>	<u>None</u>
<u>Branch Sinnemahoning Creek</u>	<u>to Kersey Run</u>			
5—Kersey Run	Basin, Source to Byrnes Run	Elk	CWF, MF	None
6—Byrnes Run	Basin	Elk	EV, MF	None
5—Kersey Run	Basin, Byrnes Run to Mouth	Elk	CWF, MF	None
<u>5—Tributaries to Bennett</u>	<u>Basins, Kersey Run</u>	<u>Elk</u>	<u>CWF, MF</u>	<u>None</u>
<u>Branch Sinnemahoning Creek</u>	<u>to Laurel Run</u>			
5—Laurel Run	Basin	Elk	HQ-CWF, MF	None
[5—Bakemans Run	Basin	Elk	CWF, MF	None]

<u>5—Tributaries to Bennett Branch Sinnemahoning Creek</u>	<u>Basins, Laurel Run to Medix Run</u>	<u>Elk</u>	<u>CWF, MF</u>	<u>None</u>
5—Medix Run	Basin	Elk	HQ-CWF, MF	None
<u>5—Tributaries to Bennett Branch Sinnemahoning Creek</u>	<u>Basins, Medix Run to Trout Run</u>	<u>Elk</u>	<u>CWF, MF</u>	<u>None</u>
5—Trout Run	Basin, Source to Spring Run	Elk	CWF, MF	None
6—Spring Run	Basin, Source to UNT 24721 <u>at 41° 20' 25.0"N; 78° 29' 52.9" W</u>	Elk	CWF, MF	None
7—UNT 24721 to Spring Run	Basin	Elk	CWF, MF	None
6—Spring Run	Basin, UNT 24721 to Stony Brook	Elk	HQ-CWF, MF	None
7—Stony Brook	Basin	Elk	CWF, MF	None
6—Spring Run	Basin, Stony <u>[Run]Brook</u> to Mouth	Elk	CWF, MF	None
5—Trout Run	Basin, Spring Run to Mouth	Elk	CWF, MF	None
<u>[5—Jimmy Run</u>	<u>Basin</u>	<u>Elk</u>	<u>CWF, MF</u>	<u>None</u>
<u>5—Johnson Run</u>	<u>Basin</u>	<u>Elk</u>	<u>CWF, MF</u>	<u>None</u>
<u>5—Wainwright Run</u>	<u>Basin</u>	<u>Elk</u>	<u>CWF, MF</u>	<u>None</u>
<u>5—Charlies Run</u>	<u>Basin</u>	<u>Elk</u>	<u>CWF, MF</u>	<u>None]</u>
<u>5—Tributaries to Bennett Branch Sinnemahoning Creek</u>	<u>Basins, Trout Run to Dents Run</u>	<u>Elk</u>	<u>CWF, MF</u>	<u>None</u>
5—Dents Run	Basin	Elk	HQ-CWF, MF	None
<u>5—Tributaries to Bennett Branch Sinnemahoning Creek</u>	<u>Basins, Dents Run to Hicks Run</u>	<u>Elk</u>	<u>CWF, MF</u>	<u>None</u>
5—Hicks Run				
6—East Branch Hicks Run	Basin Source to Confluence with West Branch	Elk	HQ-CWF, MF	None
6—West Branch Hicks Run	Basin, Source to Confluence with East Branch	Elk	EV, MF	None
5—Hicks Run	Basin, Confluence of East and West Branches to Mouth	Cameron	HQ-CWF, MF	None
<u>[5—Hicks Hollow</u>	<u>Basin</u>	<u>Cameron</u>	<u>CWF, MF</u>	<u>None</u>
<u>5—Beaverdam Run</u>	<u>Basin</u>	<u>Cameron</u>	<u>CWF, MF</u>	<u>None</u>
<u>5—Stone Quarry Hollow</u>	<u>Basin</u>	<u>Cameron</u>	<u>CWF, MF</u>	<u>None]</u>
<u>5—Tributaries to Bennett Branch Sinnemahoning Creek</u>	<u>Basins, Hicks Run to Miller Run</u>	<u>Cameron</u>	<u>CWF, MF</u>	<u>None</u>

5—Miller Run	Basin	Cameron	HQ-CWF, MF	None
[5—Water Plug Hollow	Basin	Cameron	CWF, MF	None]
<u>5—Tributaries to Bennett</u>	<u>Basins, Miller Run to</u>	<u>Cameron</u>	<u>CWF, MF</u>	<u>None</u>
<u>Branch Sinnemahoning Creek</u>	<u>Mix Run</u>			
5—Mix Run	Basin, Source to English Draft Run	Elk	EV, MF	None
6—English Draft Run	Basin	Elk	HQ-CWF, MF	None
5—Mix Run	Basin, English Draft Run to Mouth	Cameron	HQ-CWF, MF	None
[5—Little Dent Run	Basin	Cameron	CWF, MF	None
5—Nanny Run	Basin	Cameron	CWF, MF	None
5—Boyer Run	Basin	Cameron	CWF, MF	None]
4—Driftwood Branch Sinnemahoning Creek	Basin, Source to Elk Fork	Cameron	HQ-CWF, MF	None
5—Elk Fork	Basin, Source to Nichols Run	Cameron	EV, MF	None
6—Nichols Run	Basin	Cameron	HQ-CWF, MF	None
5—Elk Fork	Basin, Nichols Run to Mouth	Cameron	HQ-CWF, MF	None
<u>5—Tributaries to Bennett</u>	<u>Basins, Mix Run to</u>	<u>Cameron</u>	<u>CWF, MF</u>	<u>None</u>
<u>Branch Sinnemahoning Creek</u>	<u>Confluence with</u>			
	<u>Driftwood Branch</u>			
	* * * *			
4—Driftwood Branch Sinnemahoning Creek	Main Stem, Elk Fork to Confluence with Bennett Branch	Cameron	TSF, MF	None
5—[Unnamed] Tributaries to Driftwood Branch Sinnemahoning Creek	Basins, Elk Fork to [Confluence with Bennett Branch]	Cameron	HQ-CWF, MF	None
[5—Big Run	Basin	Cameron	HQ-CWF, MF	None
5—Bobby Run	Basin	Cameron	HQ-CWF, MF	None]
5—Cooks Run	Basin	Cameron	EV, MF	None
[5—Johns Run	Basin	Cameron	HQ-CWF, MF	None
5—Britton Run	Basin	Cameron	HQ-CWF, MF	None]
<u>5—Tributaries to Driftwood</u>	<u>Basins, Cooks Run to</u>	<u>Cameron</u>	<u>HQ-CWF,</u>	<u>None</u>
<u>Branch Sinnemahoning Creek</u>	<u>Clear Creek</u>		<u>MF</u>	
5—Clear Creek	Basin, Source to Mud Run	Cameron	EV, MF	None

6—Mud Run	Basin	Cameron	HQ-CWF, MF	None
5—Clear Creek	Basin, Mud Run to Mouth	Cameron	HQ-CWF, MF	None
[5—Ferguson Hollow	Basin	Cameron	HQ-CWF, MF	None
5—North Creek	Basin	Cameron	HQ-CWF, MF	None
5—Swesey Hollow	Basin	Cameron	HQ-CWF, MF	None
5—Dodge Hollow	Basin	Cameron	HQ-CWF, MF	None
5—Eddy Run	Basin	Cameron	HQ-CWF, MF	None
5—Wheaton Hollow	Basin	Cameron	HQ-CWF, MF	None
5—West Creek	Basin	Cameron	HQ-CWF, MF	None]
<u>5—Tributaries to Driftwood Branch Sinnemahoning Creek</u>	<u>Basins, Clear Creek to Sinnemahoning Portage Creek</u>	<u>Cameron</u>	<u>HQ-CWF, MF</u>	<u>None</u>
5—Sinnemahoning Portage Creek	Basin, Source to Cowley Run	Cameron	EV, MF	None
6—Cowley Run	Basin	Cameron	EV, MF	None
5—Sinnemahoning Portage Creek	Basin, Cowley Run to Mouth	Cameron	CWF, MF	None
[5—Bauer Hollow	Basin	Cameron	HQ-CWF, MF	None
5—Canoe Run	Basin	Cameron	HQ-CWF, MF	None
5—Hunts Run	Basin	Cameron	HQ-CWF, MF	None
5—Stillhouse Run	Basin	Cameron	HQ-CWF, MF	None
5—Square Timber Run	Basin	Cameron	HQ-CWF, MF	None]
<u>5—Tributaries to Driftwood Branch Sinnemahoning Creek</u>	<u>Basins, Sinnemahoning Portage Creek to Sterling Run</u>	<u>Cameron</u>	<u>HQ-CWF, MF</u>	<u>None</u>
5—Sterling Run				
6—Finley Run	Basin, Source to [Unnamed Tributary at R.M. 1.7] <u>UNT</u> <u>25003 at 41° 25'</u> <u>54.7" N; 78° 15'</u> <u>34.2" W</u>	Cameron	HQ-CWF, MF	None

<u>7—UNT 25003</u>	<u>Basin</u>	<u>Cameron</u>	<u>HQ-CWF, MF</u>	<u>None</u>
6—Finley Run	Basin, [Unnamed Tributary at R.M. 1.7] UNT 25003 to Confluence with Portable Run	Cameron	CWF, MF	None
6—Portable Run	Basin, Source to Confluence with Finley Run	Cameron	CWF, MF	None
5—Sterling Run	Basin, Confluence of Portable Run and Finley Run to Tannery Hollow Run	Cameron	CWF, MF	None
6—Tannery Hollow Run	Basin	Cameron	EV, MF	None
5—Sterling Run	Basin, Tannery Hollow Run to Mouth	Cameron	CWF, MF	None
[5—Mason Grove Run	Basin	Cameron	HQ-CWF, MF	None
5—Wash Mason Run	Basin	Cameron	HQ-CWF, MF	None
5—John Mason Run	Basin	Cameron	HQ-CWF, MF	None
5—Big Run	Basin	Cameron	HQ-CWF, MF	None
5—Dry Run	Basin	Cameron	HQ-CWF, MF	None
5—Tanglefoot Run	Basin	Cameron	HQ-CWF, MF	None
5—Nelson Run	Basin	Cameron	HQ-CWF, MF	None
5—Grindstone Hollow	Basin	Cameron	HQ-CWF, MF	None
5—Johnson Run	Basin	Cameron	HQ-CWF, MF	None]
<u>5—Tributaries to Driftwood Branch Sinnemahoning Creek</u>	<u>Basins, Sterling Run to Confluence with Bennett Branch</u>	<u>Cameron</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Sinnemahoning Creek	Main Stem, Confluence of Bennett and Driftwood Branches to Mouth	Clinton	WWF, MF	None
4—[Unnamed] Tributaries to Sinnemahoning Creek	Basins, Confluence of Bennett and Driftwood Branches to [Mouth]	Cameron[-Clinton]	HQ-CWF, MF	None
[4—Grove Run	Basin	Cameron	HQ-CWF, MF	None]

4—First Fork Sinnemahoning Creek	Basin, Source to Big Nelson Run	Cameron	HQ-CWF, MF	None
5—Big Nelson Run	Basin, Source to Right Branch Big Nelson Run	Potter	HQ-CWF, MF	None
6—Right Branch Big Nelson Run	Basin	Potter	EV, MF	None
5—Big Nelson Run	Basin, Right Branch Big Nelson Run to Mouth	Potter	HQ-CWF, MF	None
4—First Fork Sinnemahoning Creek	[Main Stem, Big Nelson Run to Stevenson Dam] Basin, Big Nelson Run to East Fork Sinnemahoning Creek	Cameron	HQ-CWF, MF	None
[5—Unnamed Tributaries to First Fork Sinnemahoning Creek	Basins, Big Nelson Run to Stevenson Dam	Potter-Cameron	HQ-CWF, MF	None
5—Fish Basket Hollow	Basin	Potter	HQ-CWF, MF	None
5—Little Nelson Run	Basin	Potter	HQ-CWF, MF	None]
5—East Fork Sinnemahoning Creek	Basin, Source to [Dolliver Trail] UNT 24255 at 40° 38' 35.5" N; 77° 51' 9.5" W (known as Dolliver Trail)	Potter	EV, MF	None
6—UNT 24255	Basin	Potter	EV, MF	None
5—East Fork Sinnemahoning Creek	[Main Stem, Dolliver Trail to Mouth] Basin, UNT 24255 to Stony Lick Run	Potter	HQ-CWF, MF	None
[6—Unnamed Tributaries to East Fork Sinnemahoning Creek	Basins, Dolliver Trail to Mouth	Potter	HQ-CWF, MF	None
6—Shinglebolt Hollow	Basin	Potter	HQ-CWF, MF	None
6—Horton Run	Basin	Potter	HQ-CWF, MF	None]
6—Stony Lick Run	Basin	Potter	EV, MF	None
[6—Wild Boy Run	Basin	Potter	HQ-CWF, MF	None

6—Jackson Lick Run	Basin	Potter	HQ-CWF, MF	None
6—Graveyard Hollow	Basin	Potter	HQ-CWF, MF	None
6—Stony Run	Basin	Potter	HQ-CWF, MF	None
6—Jamison Run	Basin	Potter	HQ-CWF, MF	None
6—Little Joe Run	Basin	Potter	HQ-CWF, MF	None
6—Camp Run	Basin	Potter	HQ-CWF, MF	None
6—Gravel Lick Run	Basin	Potter	HQ-CWF, MF	None
6—Mud Lick Run	Basin	Potter	HQ-CWF, MF	None
6—Williams Run	Basin	Potter	HQ-CWF, MF	None
6—Marvin Run	Basin	Potter	HQ-CWF, MF	None]
<u>5—East Fork Sinnemahoning Creek</u>	<u>Basin, Stony Lick Run to Birch Run</u>	<u>Potter</u>	<u>HQ-CWF, MF</u>	<u>None</u>
6—Birch Run	Basin	Potter	EV, MF	None
[6—Long Hollow	Basin	Potter	HQ-CWF, MF	None
6—Jordan Hollow	Basin	Potter	HQ-CWF, MF	None
6—Schoolhouse Run	Basin	Potter	HQ-CWF, MF	None
6—Black Stump Hollow	Basin	Potter	HQ-CWF, MF	None
6—Upper Vag Hollow	Basin	Potter	HQ-CWF, MF	None
6—Hunter Hollow	Basin	Potter	HQ-CWF, MF	None
6—Avery Hollow	Basin	Potter	HQ-CWF, MF	None
6—Bentley Hollow	Basin	Potter	HQ-CWF, MF	None]
[5—Elk Lick Run	Basin	Potter	HQ-CWF, MF	None
5—Schoolhouse Run	Basin	Potter	HQ-CWF, MF	None
5—Dry Hollow	Basin	Potter	HQ-CWF, MF	None
5—Pine Island Run	Basin	Potter	HQ-CWF, MF	None]

<u>5—East Fork Sinnemahoning Creek</u>	<u>Basin, Birch Run to Mouth</u>	<u>Potter</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>4—First Fork Sinnemahoning Creek</u>	<u>Basin, East Fork Sinnemahoning Creek to Bailey Run</u>	<u>Potter</u>	<u>HQ-CWF, MF</u>	<u>None</u>
5—Bailey Run	Basin, Source to Little Bailey Run	Potter	EV, MF	None
6—Little Bailey Run	Basin	Potter	HQ-CWF, MF	None
5—Bailey Run	Basin, Little Bailey Run to Mouth	Potter	HQ-CWF, MF	None
[5—Barrett Slide	Basin	Potter	HQ-CWF, MF	None
5—Mahon Run	Basin	Potter	HQ-CWF, MF	None
5—Berge Run	Basin	Potter	HQ-CWF, MF	None
5—Upper Logue Hollow	Basin	Cameron	HQ-CWF, MF	None
5—Logue Run	Basin	Cameron	HQ-CWF, MF	None
5—Owl Hollow	Basin	Cameron	HQ-CWF, MF	None
5—Norcross Run	Basin	Cameron	HQ-CWF, MF	None
5—Rattlesnake Run	Basin	Cameron	HQ-CWF, MF	None
5—Muley Run	Basin	Cameron	HQ-CWF, MF	None
5—Mill Run	Basin	Cameron	HQ-CWF, MF	None]
<u>4—First Fork Sinnemahoning Creek</u>	<u>Basin, Bailey Run to Lushbaugh Run</u>	<u>Potter</u>	<u>HQ-CWF, MF</u>	<u>None</u>
5—Lushbaugh Run	Basin	Cameron	EV, MF	None
[5—Brooks Run	Basin	Cameron	HQ-CWF, MF	None
5—Little Bailey Run	Basin	Cameron	HQ-CWF, MF	None
5—Short Bend Run	Basin	Cameron	HQ-CWF, MF	None]
<u>4—First Fork Sinnemahoning Creek</u>	<u>Basin, Lushbaugh Run to Stevenson Dam</u>	<u>Potter</u>	<u>HQ-CWF, MF</u>	<u>None</u>
4—First Fork Sinnemahoning Creek	Main Stem, Stevenson Dam to Mouth	Cameron	HQ-TSF, MF	None
5—[Unnamed] Tributaries to First Fork Sinnemahoning Creek	Basins, Stevenson Dam to Mouth	Cameron	HQ-CWF, MF	None

[5—Woodrock Run	Basin	Cameron	HQ-CWF, MF	None
5—Roaring Run	Basin	Cameron	HQ-CWF, MF	None
5—Bronson Run	Basin	Cameron	HQ-CWF, MF	None
5—Joes Run	Basin	Cameron	HQ-CWF, MF	None
5—Guys Hollow	Basin	Cameron	HQ-CWF, MF	None
5—Lick Island Run	Basin	Cameron	HQ-CWF, MF	None
5—Pumpkin Hollow	Basin	Cameron	HQ-CWF, MF	None
5—Arksill Run	Basin	Cameron	HQ-CWF, MF	None
5—Pepperhill Run	Basin	Cameron	HQ-CWF, MF	None
5—Riddles Hollow	Basin	Cameron	HQ-CWF, MF	None
5—Whiteoak Run	Basin	Cameron	HQ-CWF, MF	None
5—Board Rock Hollow	Basin	Cameron	HQ-CWF, MF	None
5—Ellicott Run	Basin	Cameron	HQ-CWF, MF	None]
[4—Wykoff Run	Basin	Cameron	HQ-CWF, MF	None
4—Upper Jerry Run	Basin	Cameron	HQ-CWF, MF	None
4—Lower Jerry Run	Basin	Cameron	HQ-CWF, MF	None
4—Pfoutz Run	Basin	Clinton	HQ-CWF, MF	None
4—Montour Run	Basin	Clinton	HQ-CWF, MF	None
4—Round Island Run	Basin	Clinton	HQ-CWF, MF	None
4—Mill Run	Basin	Clinton	HQ-CWF, MF	None
4—Commissioners Run	Basin	Clinton	HQ-CWF, MF	None
4—Wistar Run	Basin	Clinton	HQ-CWF, MF	None
4—Moccasin Run (Moccasin Falls Run)	Basin	Clinton	HQ-CWF, MF	None
4—Upper Stimpson Run	Basin	Clinton	HQ-CWF, MF	None]

<u>4—Tributaries to Sinnemahoning Creek</u>	<u>Basins, First Fork to Mouth</u>	<u>Cameron-Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Cooks Run	Basin, Source to Onion Run	Clinton	EV, MF	None
4—Onion Run	Basin	Clinton	EV, MF	None
3—Cooks Run	Basin, Onion Run to Crowley Hollow Run	Clinton	HQ-CWF, MF	None
4—Crowley Hollow Run	Basin	Clinton	CWF, MF	None
3—Cooks Run	Basin, Crowley Hollow Run to Mouth	Clinton	CWF, MF	None
[3—Milligan Run	Basin	Clinton	HQ-CWF, MF	None
3—Smith Run	Basin	Clinton	HQ-CWF, MF	None
3—North Smith Run	Basin	Clinton	HQ-CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Cooks Run to Fish Dam Run</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Fish Dam Run	Basin	Clinton	EV, MF	None
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Fish Dam Run to Kettle Creek</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Kettle Creek	Basin, Source to Inlet of Kettle Creek Reservoir	Clinton	EV, MF	None
3—Kettle Creek	Basin, Source to Inlet of Kettle Creek Reservoir	Clinton	EV, MF	None
3—Kettle Creek	Basin, Inlet of Kettle Creek Reservoir to Alvin Bush Dam	Clinton	HQ-TSF, MF	None
3—Kettle Creek	Basin, Alvin Bush Dam to Twomile Run	Clinton	TSF, MF	None
4—Twomile Run	Basin, Source to Middle Branch Twomile Run	Clinton	HQ-CWF, MF	None
5—Middle Branch Twomile Run	Basin	Clinton	TSF, MF	None
3—Kettle Creek	Basin, Twomile Run to Mouth	Clinton	TSF, MF	None
[3—Dry Run	Basin	Clinton	HQ-CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Kettle Creek to Barney Run</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Barney Run	Basin	Clinton	EV, MF	None
[3—Shintown Run	Basin	Clinton	HQ-CWF, MF	None

3—Hall Run	Basin	Clinton	HQ-CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Barney Run to Drury Run</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Drury Run	Basin, Source to Sandy Run	Clinton	EV, MF	None
4—Sandy Run	Basin	Clinton	HQ-CWF, MF	None
3—Drury Run	Basin, Sandy Run to Woodley Draft	Clinton	HQ-CWF, MF	None
4—Woodley Draft	Basin	Clinton	CWF, MF	None
3—Drury Run	Basin, Woodley Draft to Mouth	Clinton	CWF, MF	None
[3—Brewery Run	Basin	Clinton	HQ-CWF, MF	None
3—Peters Run	Basin	Clinton	HQ-CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Drury Run to Paddy Run</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Paddy Run	Basin	Clinton	EV, MF	None
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Paddy Run to UNT 23593 at 40° 18' 5.0" N; 77° 43' 36.8" W (known as Boggs Hollow)</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—[Boggs Hollow] <u>UNT 23593</u>	Basin	Clinton	EV, MF	None
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, UNT 23593 to Young Womans Creek</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Young Womans Creek	Basin, Source to Left Branch Young Womans Creek	Clinton	EV, MF	None
3—Young Womans Creek	Basin, Left Branch Young Womans Creek to Mouth	Clinton	HQ-CWF, MF	None
[3—Caldwell Run	Basin	Clinton	HQ-CWF, MF	None
3—Dry Run	Basin	Clinton	HQ-CWF, MF	None
3—Hyner Run	Basin	Clinton	HQ-CWF, MF	None
3—Little McCloskey Run	Basin	Clinton	HQ-CWF, MF	None
3—Big McCloskey Run	Basin	Clinton	HQ-CWF, MF	None
3—Huff Run	Basin	Clinton	HQ-CWF, MF	None

3—Schoolhouse Hollow	Basin	Clinton	HQ-CWF, MF	None
3—Goodman Hollow	Basin	Clinton	HQ-CWF, MF	None
3—Johnson Run	Basin	Clinton	HQ-CWF, MF	None
3—Ritchie Run	Basin	Clinton	HQ-CWF, MF	None
3—Green Run	Basin	Clinton	HQ-CWF, MF	None
3—Rattlesnake Run	Basin	Clinton	HQ-CWF, MF	None
3—Grugan Hollow	Basin	Clinton	HQ-CWF, MF	None
3—Mill Run	Basin	Clinton	HQ-CWF, MF	None
3—Baker Run	Basin	Clinton	HQ-CWF, MF	None
3—McCloskey Run	Basin	Clinton	HQ-CWF, MF	None
3—Ferney Run	Basin	Clinton	HQ-CWF, MF	None
3—East Ferney Run	Basin	Clinton	HQ-CWF, MF	None
3—Holland Run	Basin	Clinton	HQ-CWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Young Woman's Creek to Tangascootack Creek</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—[Tangascootak] <u>Tangascootack</u> Creek	[Main Stem] <u>Basin, Source to North Fork Tangascootack Creek</u>	Clinton	CWF, MF	None
[4—Unnamed Tributaries to Tangascootack Creek	<u>Basins</u>	Clinton	CWF, MF	None]
4—North Fork [Tangascootak] <u>Tangascootack</u> Creek	Basin	Clinton	HQ-CWF, MF	None
[4—Bird Run <u>3—Tangascootack Creek</u>	Basin <u>Basin, North Fork Tangascootack Creek to Mouth</u>	Clinton <u>Clinton</u>	CWF, MF <u>CWF, MF</u>	None] <u>None</u>
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Tangascootack Creek to Lick Run</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Lick Run	Basin, Source to Farthest Upstream Crossing of LR 18011 (SR 1001)	Clinton	EV, MF	None

3—Lick Run	Basin, Farthest Upstream Crossing of LR 18011 to Mouth	Clinton	HQ-CWF, MF	None
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Lick Run to and including Queens Run</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Queens Run	Basin	Clinton	HQ-CWF, MF	None
3—[Unnamed] Tributaries to West Branch Susquehanna River	[Queens Run to Pine Creek] <u>Basins, Queens Run to Bald Eagle Creek</u>	Clinton[-Lycoming]	CWF, MF	None
[3—Sugar Run	<u>Basin</u>	<u>Clinton</u>	<u>CWF, MF</u>	<u>None</u>
3—Reeds Run	<u>Basin</u>	<u>Clinton</u>	<u>CWF, MF</u>	<u>None]</u>
3—Bald Eagle Creek	Basin, Source to Laurel Run (at Port Matilda)	Centre	CWF, MF	None
	* * * *	*		
3—Bald Eagle Creek	Main Stem, Laurel Run to Nittany Creek	Centre	TSF, MF	None
4—[Unnamed] Tributaries to Bald Eagle Creek	Basins, Laurel Run [to Nittany Creek] (at Port Matilda) to <u>Laurel Run at 40° 51' 47.8" N; 77° 56' 7.3" W</u>	Centre	CWF, MF	None
[4—Mudlick Run	<u>Basin</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None]</u>
4—Laurel Run	Basin	Centre	EV, MF	None
[4—Dicks Run	<u>Basin</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None</u>
4—Dewitt Run	<u>Basin</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None]</u>
<u>4—Tributaries to Bald Eagle Creek</u>	<u>Basins, Laurel Run to Wallace Run</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None</u>
4—Wallace Run	Basin, Source to [Unnamed Tributary at Gum Stump] <u>UNT 23105 at at 40° 58' 44.2" N; 77° 50' 59.3" W</u>	Centre	EV, MF	None
5—[Unnamed Tributary at Gum Stump] <u>UNT 23105</u>	Basin	Centre	EV, MF	None
4—Wallace Run	Basin, [Unnamed Tributary at Gum Stump] <u>UNT 23105</u> to Mouth	Centre	HQ-CWF, MF	None
[4—Moose Run	<u>Basin</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None]</u>
<u>4—Tributaries to Bald Eagle Creek</u>	<u>Basins, Wallace Run to Spring Creek</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None</u>

4—Spring Creek	Main Stem, Source to PA 550 Bridge * * * * *	Centre	HQ-CWF, MF	None
5—UNTs to Spring Creek	Basins, PA 550 Bridge to Mouth	Centre	CWF, MF	None
5—Logan Branch	Basin, Source to [UNT 23007 at RM 7.16] <u>Confluence with Tributary at 40° 49' 56.6"N; 77° 45' 18.8" W</u>	Centre	[CWF, MF] <u>HQ-CWF, MF</u>	None
6—[UNT 23007 at RM 7.16 (locally McBrides Run)] <u>Tributary at 40° 49' 56.6"N; 77° 45' 18.8" W</u>	Basin	Centre	[HQ-CWF, MF] <u>CWF, MF</u>	None
5—Logan Branch	Basin, [UNT 23007] <u>Confluence with Tributary at 40° 49' 56.6"N; 77° 45' 18.8" W</u>	Centre	CWF, MF	None
5—Logan Branch	Basin, T-371 Bridge to Mouth	Centre	HQ-CWF, MF	None
6—[Unnamed] Tributaries to Logan Branch	Basins, T-371 Bridge to Mouth	Centre	CWF, MF	None
5—Buffalo Run	Basin, Source to T 942 Bridge at [RM 0.66 (near Coleville)] <u>40° 54' 35.4" N; 77° 47' 37.3" W</u>	Centre	HQ-CWF, MF	None
5—Buffalo Run	Basin, T 942 Bridge to Mouth	Centre	CWF, MF	None
[4—Antis Run	Basin	Centre	CWF, MF	None]
<u>4—Tributaries to Bald Eagle Creek</u>	<u>Basins, Spring Creek to Nittany Creek</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None</u>
4—Nittany Creek	Basin, Source to I-80	Centre	CWF, MF	None
4—Nittany Creek	Basin, I-80 to Mouth	Centre	HQ-CWF, MF	None
3—Bald Eagle Creek	Main Stem, Nittany Creek to Mouth	Centre	WWF, MF	None
4—[Unnamed] Tributaries to Bald Eagle Creek	Basins, Nittany Creek to [Mouth] <u>Lick Run</u>	Centre[-Clinton]	CWF, MF	None
[4—Bullit Run	Basin	Centre	CWF, MF	None]
4—Greens Run	Basin	Centre	CWF, MF	None]
4—Lick Run	Basin	Centre	HQ-CWF, MF	None
[4—Hunters Run	Basin	Centre	CWF, MF	None]

4—Marsh Creek	Basin	Centre	CWF, MF	None]
<u>4—Tributaries to Bald Eagle Creek</u>	<u>Basins, Lick Run to Beech Creek</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None</u>
4—Beech Creek				
5—South Fork Beech Creek	Basin, Source to Stinktown Run	Centre	CWF, MF	None
6—Stinktown Run	Basin	Centre	HQ-CWF, MF	None
5—South Fork Beech Creek	Basin, Stinktown Run to Mouth	Centre	CWF, MF	None
5—North Fork Beech Creek	Basin, Source to Confluence with South Fork	Centre	CWF, MF	None
4—Beech Creek	<u>[Main Stem] Basin, Confluence of South and North [Branches to Mouth] Forks to Rock Run</u>	<u>[Clinton-]Centre</u>	CWF, MF	None
[5—UNTs to Beech Creek	<u>Basins, Confluence of South and North Branches to Mouth</u>	<u>Clinton-Centre</u>	<u>CWF, MF</u>	<u>None]</u>
5—Rock Run	Basin	Centre	EV, MF	None
[5—Sandy Run	Basin	Centre	CWF, MF	None
5—Wolf Run	Basin	Centre	CWF, MF	None]
<u>4—Beech Creek</u>	<u>Basin, Rock Run to Panther Run</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None</u>
5—Panther Run	Basin	Centre	EV, MF	None
[5—Eddy Lick Run	Basin	Centre	CWF, MF	None
5—Logway Run	Basin	Centre	CWF, MF	None
5—Council Run	Basin	Centre	CWF, MF	None]
<u>4—Beech Creek</u>	<u>Basin, Panther Run to Two Rock Run</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None</u>
5—Two Rock Run	Basin	Centre	EV, MF	None
[5—Three Rock Run	Basin	Centre	CWF, MF	None]
<u>4—Beech Creek</u>	<u>Basin, Two Rock Run to Hayes Run</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None</u>
5—Hayes Run	Basin	Centre	EV, MF	None
<u>4—Beech Creek</u>	<u>Basin, Hayes Run to Big Run</u>	<u>Centre</u>	<u>CWF, MF</u>	<u>None</u>
5—Big Run				
6—Middle Branch Big Run	Basin, Source to <u>[Thornapple Run] UNT 22666 at 41° 10' 47.7" N; 77° 45' 58.0" W</u>	Clinton	EV, MF	None

7—[Thornapple Run] <u>UNT 22666</u>	Basin	Clinton	CWF, MF	None
6—Middle Branch Big Run	Basin, [Thornapple Run] <u>UNT 22666</u> to Confluence with East Branch	Clinton	CWF, MF	None
6—East Branch Big Run	Basin, Source to [RM 4.5] <u>a point at 41° 11' 15.5 N; 77° 43' 51.5" W</u>	Clinton	EV, MF	None
6—East Branch Big Run	Basin, [RM 4.5] <u>from the point at 41° 11' 15.5 N; 77° 43' 51.5" W</u> to Confluence with Middle Branch	Clinton	CWF, MF	None
5—Big Run	[Main Stem] <u>Basin</u> , Confluence of Middle and East Branches to [Mouth] <u>West Branch Big Run</u>	Clinton	CWF, MF	None
[6—Unnamed Tributaries to Big Run	<u>Basins, Confluence of Middle and East Branches to Mouth</u>	Clinton	CWF, MF	None]
6—West Branch Big Run	Basin	Clinton	EV, MF	None
<u>5—Big Run</u>	<u>Basin, West Branch Big Run to Mouth</u>	<u>Clinton</u>	<u>CWF, MF</u>	<u>None</u>
<u>4—Beech Creek</u>	<u>Basin, Big Run to Monument Run</u>	<u>Clinton</u>	<u>CWF, MF</u>	<u>None</u>
5—Monument Run	Basin	Clinton	HQ-CWF, MF	None
[5—Twin Run	Basin	Clinton	CWF, MF	None
5—Bitner Run	Basin	Clinton	CWF, MF	None
5—Sugar Run	Basin	Clinton	CWF, MF	None]
<u>4—Beech Creek</u>	<u>Basin, Monument Run to Mouth</u>	<u>Clinton</u>	<u>CWF, MF</u>	<u>None</u>
[4—Laurel Run	Basin	Clinton	CWF, MF	None]
<u>4—Tributaries to Bald Eagle Creek</u>	<u>Basins, Beech Creek to Fishing Creek</u>	<u>Clinton</u>	<u>CWF, MF</u>	<u>None</u>
4—Fishing Creek	Basin, Source to Cherry Run	Clinton	HQ-CWF, MF	None
5—Cherry Run	Basin	Clinton	EV, MF	None
4—Fishing Creek	[Main Stem, Cherry Run to Long Run] <u>Basin, Cherry Run to Little Fishing Creek</u>	Clinton	HQ-CWF, MF	None
[5—Unnamed Tributaries to Fishing Creek	<u>Basins, Cherry Run to Long Run</u>	Clinton	HQ-CWF, MF	None]

5—Little Fishing Creek	<u>[Main Stem] Basin, Source to Roaring Run</u>	Clinton	HQ-CWF, MF	None
<u>[6—Unnamed Tributaries to Little Fishing Creek</u>	<u>Basins</u>	<u>Centre- Clinton</u>	<u>HQ-CWF, MF</u>	<u>None]</u>
6—Roaring Run	Basin, Source to Camp Krislund	Centre	EV, MF	None
6—Roaring Run	Basin, Camp Krislund to Mouth	Centre	HQ-CWF, MF	None
<u>[5—Cedar Run</u>	<u>Basin</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None]</u>
<u>5—Little Fishing Creek</u>	<u>Basin, Roaring Run to Mouth</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>4—Fishing Creek</u>	<u>Basin, Little Fishing Creek to Long Run</u>	<u>Clinton</u>	<u>HQ-CWF, MF</u>	<u>None</u>
5—Long Run	Basin	Clinton	HQ-CWF, MF	None
4—Fishing Creek	Basin, Long Run to Mouth	Clinton	CWF, MF	None
<u>4—Tributaries to Bald Eagle Creek</u>	<u>Basins, Fishing Creek to Harveys Run</u>	<u>Clinton</u>	<u>CWF, MF</u>	<u>None</u>
	* * * * *			
<u>4—TRIBUTARIES TO BALD EAGLE CREEK</u>	<u>BASINS, HARVEYS RUN TO MOUTH</u>	<u>CLINTON</u>	<u>CWF, MF</u>	<u>NONE</u>
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Bald Eagle Creek to McElhattan Creek</u>	<u>Clinton</u>	<u>CWF, MF</u>	<u>None</u>
3—McElhattan Creek	Basin, Source to Keller Reservoir Water Supply Intake	Clinton	HQ-CWF, MF	None
3—McElhattan Creek	Basin, Keller Water Supply Intake to Mouth	Clinton	CWF, MF	None
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, McElhattan Creek to Chatham Run</u>	<u>Clinton</u>	<u>CWF, MF</u>	<u>None</u>
3—Chatham Run	Basin, Source to Chatham Water Co. Intake	Clinton	HQ-CWF, MF	None
3—Chatham Run	Basin, Chatham Water Co. Intake to Mouth	Clinton	CWF, MF	None
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Chatham Run to Henry Run</u>	<u>Clinton</u>	<u>CWF, MF</u>	<u>None</u>
3—Henry Run	Basin	Clinton	HQ-CWF, MF	None

<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Henry Run to Pine Creek</u>	<u>Clinton</u>	<u>CWF, MF</u>	<u>None</u>
3—Pine Creek	Basin, Source to South Branch Pine Creek	Potter	HQ-CWF, MF	None
4—South Branch Pine Creek	Basin	Potter	HQ-CWF, MF	None
3—Pine Creek	Main Stem, South Branch Pine Creek to Marsh Creek	Tioga	EV, MF	None
4—[Unnamed] Tributaries to Pine Creek	Basins, South Branch Pine Creek to [Marsh Creek] <u>Johnson Brook</u>	Potter[-Tioga]	HQ-CWF, MF	None
4—Johnson Brook	Basin, Source to [Farthest Downstream Crossing of] State Game Lands No. 64 Border <u>at 41° 45' 8.2" N; 77° 37' 59.2" W</u>	Potter	EV, MF	None
4—Johnson Brook	Basin, [Farthest Downstream Crossing of] State Game Lands No. 64 Border <u>at 41° 45' 8.2" N; 77° 37' 59.2" W</u> to Mouth	Potter	HQ-CWF, MF	None
[4—Phoenix Run	Basin	Tioga	HQ-CWF, MF	None
4—Elk Run	Basin	Tioga	HQ-CWF, MF	None
4—Benaure Hollow	Basin	Tioga	HQ-CWF, MF	None]
<u>4—Tributaries to Pine Creek</u>	<u>Basins, Johnson Brook to Long Run</u>	<u>Potter-Tioga</u>	<u>HQ-CWF, MF</u>	<u>None</u>
4—Long Run	Basin	Tioga	CWF, MF	None
[4—Lick Run	Basin	Tioga	HQ-CWF, MF	None
4—Shin Hollow	Basin	Tioga	HQ-CWF, MF	None
4—Painter Run	Basin	Tioga	HQ-CWF, MF	None
4—Steele Run Hollow	Basin	Tioga	HQ-CWF, MF	None
4—Woodruff Hollow	Basin	Tioga	HQ-CWF, MF	None
4—Schanbacher Hollow	Basin	Tioga	HQ-CWF, MF	None

4—Bee Tree Hollow	Basin	Tioga	HQ-CWF, MF	None
4—Herrington Hollow	Basin	Tioga	HQ-CWF, MF	None]
<u>4—Tributaries to Pine Creek</u>	<u>Basins, Long Run to Marsh Creek</u>	<u>Potter-Tioga</u>	<u>HQ-CWF, MF</u>	<u>None</u>
4—Marsh Creek	[Main Stem, Source to Straight Run	Tioga	WWF, MF	None
5—Unnamed Tributaries to Marsh Creek	Basins, Source to Straight Run	Tioga	CWF, MF	None]
5—Charleston Creek	Basin, <u>Source to Confluence with Morris Branch</u>	Tioga	WWF, MF	None
<u>5—Morris Branch</u>	<u>Basin, Source to Kelsey Creek</u>	<u>Tioga</u>	<u>CWF, MF</u>	<u>None</u>
[5] 6—Kelsey Creek	Basin	Tioga	WWF, MF	None
[5—Horse Thief Run	Basin	Tioga	CWF, MF	None]
<u>5—Morris Branch</u>	<u>Basin, Kelsey Creek to Confluence with Charleston Creek</u>	<u>Tioga</u>	<u>CWF, MF</u>	<u>None</u>
<u>4—Marsh Creek</u>	<u>Main Stem, Confluence of Charleston Creek and Morris Branch to Straight Run</u>	<u>Tioga</u>	<u>WWF, MF</u>	<u>None</u>
<u>5—Tributaries to Marsh Creek</u>	<u>Basins, Confluence of Charleston Creek and Morris Branch to Baldwin Run</u>	<u>Tioga</u>	<u>CWF, MF</u>	<u>None</u>
5—Baldwin Run	Basin	Tioga	HQ-CWF, MF	None
[5—Hibard Hollow	Basin	Tioga	CWF, MF	None
5—Fuller Hollow	Basin	Tioga	CWF, MF	None
5—Wolf Run	Basin	Tioga	CWF, MF	None
5—Heise Run	Basin	Tioga	CWF, MF	None
5—Smith Run	Basin	Tioga	CWF, MF	None
5—Gee Hollow	Basin	Tioga	CWF, MF	None]
<u>5—Tributaries to Marsh Creek</u>	<u>Basins, Baldwin Run to Canada Run</u>	<u>Tioga</u>	<u>CWF, MF</u>	<u>None</u>
5—Canada Run	Basin	Tioga	HQ-CWF, MF	None
[5—Dantz Run	Basin	Tioga	CWF, MF	None]
<u>5—Tributaries to Marsh Creek</u>	<u>Basins, Canada Run to Straight Run</u>	<u>Tioga</u>	<u>CWF, MF</u>	<u>None</u>
5—Straight Run	Basin	Tioga	HQ-CWF, MF	None

4—Marsh Creek	[Main Stem, Straight Run to Mouth] Basin, Straight Run to Asaph Run	Tioga	CWF, MF	None
[5—Unnamed Tributaries to Marsh Creek	Basins, Straight Run to Mouth	Tioga	CWF, MF	None]
5—Asaph Run	Basin	Tioga	HQ-CWF, MF	None
[5—Gray Hollow	Basin	Tioga	CWF, MF	None
5—Kinney Hollow	Basin	Tioga	CWF, MF	None]
<u>4—Marsh Creek</u>	<u>Basin, Asaph Run to Mouth</u>	<u>Tioga</u>	<u>CWF, MF</u>	<u>None</u>
3—Pine Creek	Main Stem, Marsh Creek to Mouth	Lycoming-Clinton	HQ-TSF, MF	None
4—[Unnamed] Tributaries to Pine Creek	Basins, Marsh Creek to [Mouth] <u>Pine Island Run</u>	Tioga-Lycoming-Clinton	HQ-CWF, MF	None
[4—Strap Mill Hollow	Basin	Tioga	HQ-CWF, MF	None
4—Darling Run	Basin	Tioga	HQ-CWF, MF	None
4—Owassee Slide Run	Basin	Tioga	HQ-CWF, MF	None
4—Pinafore Run	Basin	Tioga	HQ-CWF, MF	None
4—Bear Run	Basin	Tioga	HQ-CWF, MF	None
4—Little Fourmile Run	Basin	Tioga	HQ-CWF, MF	None
4—Fourmile Run	Basin	Tioga	HQ-CWF, MF	None
4—Stowell Run	Basin	Tioga	HQ-CWF, MF	None
4—Burdic Run	Basin	Tioga	HQ-CWF, MF	None
4—Horse Run	Basin	Tioga	HQ-CWF, MF	None
4—Tumbling Run	Basin	Tioga	HQ-CWF, MF	None
4—Little Slate Run	Basin	Tioga	HQ-CWF, MF	None
4—Ice Break Run	Basin	Tioga	HQ-CWF, MF	None
4—Campbells Run	Basin	Tioga	HQ-CWF, MF	None
4—Straight Creek	Basin	Tioga	HQ-CWF, MF	None

4—Good Spring Hollow	Basin	Tioga	HQ-CWF, MF	None
4—Rail Island Run	Basin	Tioga	HQ-CWF, MF	None]
4—Pine Island Run	Basin	Tioga	EV, MF	None
[4—Benjamin Hollow	Basin	Tioga	HQ-CWF, MF	None
4—Dillon Hollow	Basin	Tioga	HQ-CWF, MF	None
4—Clay Mine Run	Basin	Tioga	HQ-CWF, MF	None
4—Water Tank Run	Basin	Tioga	HQ-CWF, MF	None
4—Bohen Run	Basin	Tioga	HQ-CWF, MF	None
4—Stone Quarry Run	Basin	Tioga	HQ-CWF, MF	None
4—Jerry Run	Basin	Tioga	HQ-CWF, MF	None]
<u>4—Tributaries to Pine Creek</u>	<u>Basins, Pine Island Run to Babb Creek</u>	<u>Tioga</u>	<u>HQ-CWF, MF</u>	<u>None</u>
4—Babb Creek	Main Stem * * * *	Tioga *	CWF, MF	None
4—Trout Run	Basin	Lycoming	HQ-CWF, MF	None
<u>4—Tributaries to Pine Creek</u>	<u>Basins, Babb Creek to Cedar Run</u>	<u>Tioga- Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
4—Cedar Run	Basin	Lycoming	EV, MF	None
[4—Jacobs Run	Basin	Lycoming	HQ-CWF, MF	None
4—Gamble Run	Basin	Lycoming	HQ-CWF, MF	None
4—Elk Run	Basin	Lycoming	HQ-CWF, MF	None
4—Hilborn Run	Basin	Lycoming	HQ-CWF, MF	None]
<u>4—Tributaries to Pine Creek</u>	<u>Basins, Cedar Run to Slate Run</u>	<u>Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
4—Slate Run	Basin	Lycoming	EV, MF	None
[4—Little Slate Run	Basin	Lycoming	HQ-CWF, MF	None
4—Naval Run	Basin	Lycoming	HQ-CWF, MF	None
4—Callahan Run	Basin	Lycoming	HQ-CWF, MF	None
4—Bonnell Run	Basin	Lycoming	HQ-CWF, MF	None

4—Wolf Run	Basin	Lycoming	HQ-CWF, MF	None
4—Ross Run	Basin	Lycoming	HQ-CWF, MF	None]
4—Tributaries to Pine Creek	Basins, Slate Run to Mill Run	Lycoming	HQ-CWF, MF	None
4—Mill Run	Basin, Source to Bull Run	Lycoming	EV, MF	None
5—Bull Run	Basin	Lycoming	HQ-CWF, MF	None
4—Mill Run	Basin, Bull Run to Mouth	Lycoming	HQ-CWF, MF	None
[4—Trout Run	Basin	Lycoming	HQ-CWF, MF	None
4—Miller Run	Basin	Lycoming	HQ-CWF, MF	None
4—Truman Run	Basin	Lycoming	HQ-CWF, MF	None
4—Bluestone Run	Basin	Lycoming	HQ-CWF, MF	None
4—Solomon Run	Basin	Lycoming	HQ-CWF, MF	None
4—Shanty Run	Basin	Lycoming	HQ-CWF, MF	None
4—McClure Run	Basin	Lycoming	HQ-CWF, MF	None
4—Callahan Run	Basin	Lycoming	HQ-CWF, MF	None
4—Browns Run	Basin	Lycoming	HQ-CWF, MF	None
4—Dry Run	Basin	Lycoming	HQ-CWF, MF	None
4—Upper Pine Bottom Run	Basin	Lycoming	HQ-CWF, MF	None
4—Lower Pine Bottom Run	Basin	Lycoming	HQ-CWF, MF	None
4—Bull Run	Basin	Lycoming	HQ-CWF, MF	None]
<u>4—Tributaries to Pine Creek</u>	<u>Basins, Mill Run to Little Pine Creek</u>	<u>Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
4—Little Pine Creek				
5—Texas Creek (Zimmerman Creek)	Basin, Source to Confluence with Blockhouse Creek	Lycoming	HQ-CWF, MF	None
5—Blockhouse Creek	Basin, Source to Flicks Run	Lycoming	CWF, MF	None
6—Flicks Run	Basin	Lycoming	HQ-CWF, MF	None

5—Blockhouse Creek	Basin, Flicks Run to Confluence with Texas Creek	Lycoming	CWF, MF	None
4—Little Pine Creek	Main Stem, Confluence of Texas and Blockhouse Creeks to Little Pine Creek Dam	Lycoming	CWF, MF	None
5—[Unnamed] Tributaries to Little Pine Creek	Basin, Confluence of Texas and Blockhouse Creeks to [Little Pine Creek Dam] English Run	Lycoming	HQ-CWF, MF	None
[5—Bear Run	Basin	Lycoming	HQ-CWF, MF	None
5—Bonnell Run	Basin	Lycoming	HQ-CWF, MF	None
5—Lick Run	Basin	Lycoming	HQ-CWF, MF	None]
5—English Run	Basin	Lycoming	CWF, MF	None
[5—Coal Run	Basin	Lycoming	HQ-CWF, MF	None
5—Rogers Run	Basin	Lycoming	HQ-CWF, MF	None]
<u>5—Tributaries to Little Pine Creek</u>	<u>Basins, English Run to Otter Run</u>	<u>Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
5—Otter Run	Basin	Lycoming	CWF, MF	None
[5—Carsons Run	Basin	Lycoming	HQ-CWF, MF	None
5—McKees Run	Basin	Lycoming	HQ-CWF, MF	None
5—Panther Run	Basin	Lycoming	HQ-CWF, MF	None
5—Naval Run	Basin	Lycoming	HQ-CWF, MF	None
5—Love Run	Basin	Lycoming	HQ-CWF, MF	None]
<u>5—Tributaries to Little Pine Creek</u>	<u>Basins, Otter Run to Little Pine Creek Dam</u>	<u>Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
4—Little Pine Creek	Main Stem, Little Pine Creek Dam to Mouth	Lycoming	TSF, MF	None
5—[Unnamed] Tributaries to Little Pine Creek	Basins, Little Pine Creek Dam to Mouth	Lycoming	HQ-CWF, MF	None
[5—English Run	Basin	Lycoming	HQ-CWF, MF	None
5—Boone Run	Basin	Lycoming	HQ-CWF, MF	None

5—Dam Run	Basin	Lycoming	HQ-CWF, MF	None
4—Ramsey Run	Basin	Lycoming	HQ-CWF, MF	None
4—Bonnell Run	Basin	Lycoming	HQ-CWF, MF	None
4—Tombs Run	Basin	Lycoming	HQ-CWF, MF	None
4—Gamble Run	Basin	Lycoming	HQ-CWF, MF	None
4—Furnace Run	Basin	Lycoming	HQ-CWF, MF	None
4—Sulphur Run	Basin	Clinton	HQ-CWF, MF	None
4—Nichols Run	Basin	Lycoming	HQ-CWF, MF	None]
3—[Unnamed] Tributaries to North Bank of West Branch Susquehanna River	Basins, Pine Creek to Loyalsock Creek <u>except Larrys Creek and Lycoming Creek</u>	Lycoming	WWF, MF	None
<u>3—Larrys Creek</u>	<u>Basin, Source to Second Fork Larrys Creek</u>	<u>Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>4—Second Fork Larrys Creek</u>	<u>Basin</u>	<u>Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>3—Larrys Creek</u>	<u>Basin, Second Fork to First Fork</u>	<u>Lycoming</u>	<u>WWF, MF</u>	<u>None</u>
<u>4—First Fork Larrys Creek</u>	<u>Basin</u>	<u>Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>3—Larrys Creek</u>	<u>Basin, First Fork to Mouth</u>	<u>Lycoming</u>	<u>WWF, MF</u>	<u>None</u>
<u>3—Lycoming Creek</u>	<u>Main Stem, Source to Long Run</u>	<u>Lycoming</u>	<u>CWF, MF</u>	<u>None</u>
<u>4—Tributaries to Lycoming Creek</u>	<u>Basins, Source to Red Run</u>	<u>Tioga- Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>4—Red Run</u>	<u>Basin</u>	<u>Lycoming</u>	<u>CWF, MF</u>	<u>None</u>
<u>4—Tributaries to Lycoming Creek</u>	<u>Basins, Red Run to Long Run</u>	<u>Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>4—Long Run</u>	<u>Basin</u>	<u>Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>3—Lycoming Creek</u>	<u>Basin, Long Run to Mouth</u>	<u>Lycoming</u>	<u>WWF, MF</u>	<u>None</u>
3—[Unnamed] Tributaries to South Bank of West Branch Susquehanna River	Basins, Pine Creek to Loyalsock Creek <u>except Aughanbaugh Run, Antes Creek and Big Run</u>	Lycoming	CWF, MF	None

3—Aughanbaugh Run	Basin	Lycoming	HQ-CWF, MF	None
	* * * *	*		
3—Antes Creek	Basin, Morgan Valley Run to Mouth	Lycoming	CWF, MF	None
[3—Stewards Run	Basin	Lycoming	WWF, MF	None
3—Larrys Creek	Basin, Source to Second Fork	Lycoming	HQ-CWF, MF	None
4—Second Fork Larrys Creek	Basin	Lycoming	HQ-CWF, MF	None
3—Larrys Creek	Basin, Second Fork to First Fork	Lycoming	WWF, MF	None
4—First Fork Larrys Creek	Basin	Lycoming	HQ-CWF, MF	None
3—Larrys Creek	Basin, First Fork to Mouth	Lycoming	WWF, MF	None]
3—Big Run	Basin	Lycoming	HQ-CWF, MF	None
[3—Pine Run	Basin	Lycoming	WWF, MF	None
3—Quenshukeny Run	Basin	Lycoming	WWF, MF	None
3—Bender Run	Basin	Lycoming	CWF, MF	None
3—Daugherty Run	Basin	Lycoming	WWF, MF	None
3—Mosquito Creek	Basin	Lycoming	CWF, MF	None
3—Lycoming Creek	Main Stem, Source to Long Run	Tioga- Lycoming	CWF, MF	None
4—Unnamed Tributaries to Lycoming Creek	Basins, Source to Long Run	Lycoming	HQ-CWF, MF	None
4—Cascade Run	Basin	Lycoming	HQ-CWF, MF	None
4—Sugar Works Run	Basin	Tioga	HQ-CWF, MF	None
4—Mill Creek	Basin	Tioga	HQ-CWF, MF	None
4—Roaring Branch	Basin	Tioga	HQ-CWF, MF	None
4—Abbott Run	Basin	Lycoming	HQ-CWF, MF	None
4—Red Run	Basin	Lycoming	CWF, MF	None
4—Rock Run	Basin	Lycoming	HQ-CWF, MF	None
4—Frozen Run	Basin	Lycoming	HQ-CWF, MF	None
4—Heylmun Run	Basin	Lycoming	HQ-CWF, MF	None
4—Pleasant Stream	Basin	Lycoming	HQ-CWF, MF	None

4—Slacks Run	Basin	Lycoming	HQ-CWF, MF	None
4—Shoemakers Run	Basin	Lycoming	HQ-CWF, MF	None
4—Grays Run	Basin	Lycoming	HQ-CWF, MF	None
4—Hagermans Run	Basin	Lycoming	HQ-CWF, MF	None
4—Glendenen Run	Basin	Lycoming	HQ-CWF, MF	None
4—Trout Run	Basin	Lycoming	HQ-CWF, MF	None
4—Wolf Run	Basin	Lycoming	HQ-CWF, MF	None
4—Daugherty Run	Basin	Lycoming	HQ-CWF, MF	None
4—Hoagland Run	Basin	Lycoming	HQ-CWF, MF	None
4—Long Run	Basin	Lycoming	HQ-CWF, MF	None
3—Lycoming Creek	Basin, Long Run to Mouth	Lycoming	WWF, MF	None
3—Grafius Run	Basin	Lycoming	WWF, MF	None
3—Hagermans Run	Basin	Lycoming	CWF, MF	None
3—Millers Run	Basin	Lycoming	WWF, MF	None]
3—Loyalsock Creek	Basin, Source to Pole Bridge Run	Lycoming	CWF, MF	None
4—Pole Bridge Run	Basin	Sullivan	HQ-CWF, MF	None
3—Loyalsock Creek	[Main Stem, Pole Bridge Creek to Sullivan-Lycoming Border] <u>Basin, Pole Bridge Creek to Shanerburg Run</u>	Sullivan[-Lycoming]	CWF, MF	None
[4—Unnamed Tributaries to Loyalsock Creek	Basins, Pole Bridge Creek to Little Loyalsock Creek	Sullivan	CWF, MF	None]
4—Shanerburg Run	Basin, Source to [End of Jeep Trail to Mouth (about 1.5 Miles from Mouth)] <u>a point at 41° 25' 57.5"N; 76° 32' 12.9" W</u>	Sullivan	EV, MF	None
4—Shanerburg Run	Basin, [End of Jeep Trail] <u>the point at 41°</u>	Sullivan	HQ-CWF, MF	None

	<u>25' 57.5"N; 76° 32' 12.9" W to Mouth</u>			
<u>3—Loyalsock Creek</u>	<u>Basin, Shanerburg Run to Tamarack Run</u>	<u>Sullivan</u>	<u>CWF, MF</u>	<u>None</u>
4—Tamarack Run	Basin	Sullivan	HQ-CWF, MF	None
<u>3—Loyalsock Creek</u>	<u>Basin, Tamarack Run to Big Run</u>	<u>Sullivan</u>	<u>CWF, MF</u>	<u>None</u>
4—Big Run	Basin	Sullivan	HQ-CWF, MF	None
[4—Double Run	Basin	Sullivan	CWF, MF	None
4—High Rock Run	Basin	Sullivan	CWF, MF	None
4—Little Loyalsock Creek	Basin	Sullivan	CWF, MF	None]
<u>3—Loyalsock Creek</u>	<u>Basin, Big Run to Little Loyalsock Creek</u>	<u>Sullivan</u>	<u>CWF, MF</u>	<u>None</u>
<u>4—Little Loyalsock Creek</u>	<u>Basin</u>	<u>Sullivan</u>	<u>CWF, MF</u>	<u>None</u>
<u>3—Loyalsock Creek</u>	<u>Main Stem, Little Loyalsock Creek to Sullivan-Lycoming County Border at 41° 24' 7.8" N; 76° 44' 39.5" W</u>	<u>Sullivan</u>	<u>CWF, MF</u>	<u>None</u>
4—[Unnamed] Tributaries to Loyalsock Creek	Basins, Little Loyalsock Creek to [Sullivan-Lycoming County Border] <u>Ketchum Run</u>	Sullivan	HQ-CWF, MF	None
[4—Scar Run	Basin	Sullivan	HQ-CWF, MF	None]
4—Ketchum Run	Basin	Sullivan	EV, MF	None
[4—Cape Run	Basin	Sullivan	HQ-CWF, MF	None
4—Barkshed Run	Basin	Sullivan	HQ-CWF, MF	None
4—Joes Run	Basin	Sullivan	HQ-CWF, MF	None
4—Elk Creek	Basin	Sullivan	HQ-CWF, MF	None
4—Slab Run	Basin	Sullivan	HQ-CWF, MF	None
4—Mill Creek	Basin	Sullivan	HQ-CWF, MF	None
4—Huckle Run	Basin	Sullivan	HQ-CWF, MF	None
4—Dry Run	Basin	Sullivan	HQ-CWF, MF	None]

<u>4—Tributaries to Loyalsock Creek</u>	<u>Basins, Ketchum Run to Ogdonia Creek</u>	<u>Sullivan</u>	<u>HQ-CWF, MF</u>	<u>None</u>
4—Ogdonia Creek	Basin, Source to Kettle Creek	Sullivan	HQ-CWF, MF	None
5—Kettle Creek	Basin	Sullivan	EV, MF	None
4—Ogdonia Creek	Basin, Kettle Creek to Mouth	Sullivan	HQ-CWF, MF	None
<u>4—Tributaries to Loyalsock Creek</u>	<u>Basins, Ogdonia Creek to Sullivan-Lycoming County Border at 41° 24' 7.8" N; 76° 44' 39.5" W</u>	<u>Sullivan</u>	<u>HQ-CWF, MF</u>	<u>None</u>
3—Loyalsock Creek	Main Stem, Sullivan-Lycoming County Border to [Mouth] PA 973 Bridge at 41° 19' 30.8" N; 76° 54' 42.6" W	Lycoming	TSF, MF	None
4—[Unnamed] Tributaries to Loyalsock Creek	[Basin] Basins, Sullivan-Lycoming County Border to [PA 973 Bridge] Plunketts Creek	Lycoming	HQ-CWF, MF	None
4—Plunketts Creek	[Main Stem] Basin, Source to Noon Branch	Lycoming	HQ-CWF, MF	None
[5—Unnamed Tributaries to Plunketts Creek	Basins	Sullivan-Lycoming	HQ-CWF, MF	None
5—Reibsan Run	Basin	Lycoming	HQ-CWF, MF	None
5—Mock Creek	Basin	Lycoming	HQ-CWF, MF	None]
5—Noon Branch	Basin, Source to Wolf Run	Lycoming	EV, MF	None
6—Wolf Run	Basin	Lycoming	HQ-CWF, MF	None
5—Noon Branch	Basin, Wolf Run to Mouth	Lycoming	HQ-CWF, MF	None
<u>4—Plunketts Creek</u>	<u>Basin, Noon Branch to King Run</u>	<u>Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
5—King Run	Basin, Source to Engle Run	Lycoming	HQ-CWF, MF	None
6—Engle Run	Basin	Lycoming	EV, MF	None
5—King Run	Basin, Engle Run to Mouth	Lycoming	HQ-CWF, MF	None

[5—Dry Run	Basin	Lycoming	HQ-CWF, MF	None]
[4—Bear Creek	Basin	Lycoming	HQ-CWF, MF	None
4—Little Bear Creek	Basin	Lycoming	HQ-CWF, MF	None
4—Dry Run	Basin	Lycoming	HQ-CWF, MF	None
4—Butternut Grove Run	Basin	Lycoming	HQ-CWF, MF	None
4—Wallis Run	Basin	Lycoming	HQ-CWF, MF	None]
[4—Unnamed Tributaries to Loyalsock Creek	Basins, PA 973 Bridge to Mouth	Lycoming	TSF, MF	None
4—Mill Creek (West)	Basin	Lycoming	TSF, MF	None
4—Mill Creek (East)	Basin	Lycoming	TSF, MF	None]
<u>4—Plunketts Creek</u>	<u>Basin, King Run to Mouth</u>	<u>Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>4—Tributaries to Loyalsock Creek</u>	<u>Basins, Plunketts Creek to PA 973 Bridge</u>	<u>Lycoming</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>3—Loyalsock Creek</u>	<u>Basin, PA 973 Bridge to Mouth</u>	<u>Lycoming</u>	<u>TSF, MF</u>	<u>None</u>
3—[Unnamed] Tributaries to West Branch Susquehanna River	Basins, Loyalsock Creek to [Mouth] <u>Muncy Creek</u>	Lycoming-Northumberland-Union	WWF, MF	None
[3—Tules Run	Basin	Lycoming	WWF, MF	None
3—Turkeys Run	Basin	Lycoming	WWF, MF	None
3—Carpenters Run	Basin	Lycoming	WWF, MF	None]
3—Muncy Creek	Basin, Source to second SR 2002 Bridge upstream of Sonestown at [RM <u>26.4] 41° 21' 24.5" N; 76° 31' 34.9" W</u>	Sullivan	EV, MF	None
3—Muncy Creek	Main Stem, Second SR 2002 Bridge upstream of Sonestown [at RM <u>26.4] to US 220 Bridge at Muncy Valley at 41° 20' <u>36.3" N; 76° 35' 8.1" W</u></u>	Sullivan	CWF, MF	None
4—[UNTs] <u>Tributaries</u> to Muncy Creek	Basins, Second SR 2002 Bridge upstream of Sonestown [at RM	Sullivan	HQ-CWF, MF	None

	26.4] to US 220 Bridge at Muncy Valley			
[4—Slip Run	Basin	Sullivan	HQ-CWF, MF	None
4—Big Run	Basin	Sullivan	HQ-CWF, MF	None]
3—Muncy Creek	Main Stem, US 220 Bridge at Muncy Valley to Mouth	Lycoming	TSF, MF	None
4—[Unnamed] Tributaries to Muncy Creek	Basins, US 220 Bridge at Muncy Valley to Laurel Run	Sullivan- Lycoming	HQ-CWF, MF	None
[4—Trout Run	Basin	Lycoming	HQ-CWF, MF	None
4—Spring Run	Basin	Lycoming	HQ-CWF, MF	None
4—Rock Run	Basin	Lycoming	HQ-CWF, MF	None
4—Lick Run	Basin	Lycoming	HQ-CWF, MF	None
4—Big Run	Basin	Lycoming	HQ-CWF, MF	None
4—Roaring Run	Basin	Lycoming	HQ-CWF, MF	None]
4—Laurel Run	Basin	Lycoming	HQ-CWF, MF	None
4—[Unnamed] Tributaries to Muncy Creek	Basins, Laurel Run to Mouth	Lycoming	CWF, MF	None
[4—Pine Run	Basin	Lycoming	CWF, MF	None
4—Gregs Run	Basin	Lycoming	CWF, MF	None
4—Sugar Run	Basin	Lycoming	CWF, MF	None
4—Little Muncy Creek	Basin	Lycoming	CWF, MF	None
4—Wolf Run	Basin	Lycoming	CWF, MF	None
3—Glade Run	Basin	Lycoming	WWF, MF	None
3—Turkey Run	Basin	Lycoming	WWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Muncy Creek to Black Hole Creek</u>	<u>Lycoming</u>	<u>WWF, MF</u>	<u>None</u>
3—Black Hole Creek	Basin	Lycoming	TSF, MF	None
[3—Black Run	Basin	Lycoming	WWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Black Hole Creek to White Deer Hole Creek</u>	<u>Lycoming- Northumberl and-Union</u>	<u>WWF, MF</u>	<u>None</u>
3—White Deer Hole Creek	Basin, Source to Spring Creek	Union	HQ-CWF, MF	None
4—Spring Creek	Basin	Union	TSF, MF	None

3—White Deer Hole Creek	Basin, Spring Creek to Mouth	Union	TSF, MF	None
[3—Delaware Run	Basin	Northumberl and	WWF, MF	None
3—Dry Run	Basin	Northumberl and	WWF, MF	None
3—Spring Run	Basin	Northumberl and	WWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, White Deer Hole Creek to White Deer Creek</u>	<u>Northumberl and-Union</u>	<u>WWF, MF</u>	<u>None</u>
3—White Deer Creek	Basin	Union	HQ-CWF, MF	None
[3—Warrior Run	Basin	Northumberl and	WWF, MF	None
3—Muddy Run	Basin	Northumberl and	WWF, MF	None
3—Limestone Run	Basin	Northumberl and	WWF, MF	None]
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, White Deer Creek to Buffalo Creek</u>	<u>Northumberl and-Union</u>	<u>WWF, MF</u>	<u>None</u>
3—Buffalo Creek	Basin, Source to LR 59042 (SR 3005) Bridge <u>at 40° 55' 24.0" N; 77° 7' 41.9" W</u>	Union	HQ-CWF, MF	None
3—Buffalo Creek	<u>[Main Stem, LR 59042 to Rapid Run] Basin, Bridge to North Branch Buffalo Creek</u>	Union	CWF, MF	None
[4—Unnamed Tributaries to Buffalo Creek	Basins, LR 59042 Bridge to Rapid Run	Union	CWF, MF	None]
4—North Branch Buffalo Creek	Basin, Source to Mifflinburg Water Supply Dam	Union	EV, MF	None
4—North Branch Buffalo Creek	Basin, Mifflinburg Water Supply Dam to Mouth	Union	HQ-CWF, MF	None
<u>3—Buffalo Creek</u>	<u>Basin, North Branch Buffalo Creek to Rapid Run</u>	<u>Union</u>	<u>CWF, MF</u>	<u>None</u>
4—Rapid Run	Basin	Union	HQ-CWF, MF	None
3—Buffalo Creek	Main Stem, Rapid Run to Mouth	Union	TSF, MF	None

4—[Unnamed] Tributaries to Buffalo Creek	Basins, Rapid Run to [Mouth] <u>Stony Run</u>	Union	CWF, MF	None
4—Stony Run	Basin	Union	HQ-CWF, MF	None
[4—Beaver Run	Basin	Union	CWF, MF	None]
<u>4—Tributaries to Buffalo Creek</u>	<u>Basins, Stony Run to Spruce Run</u>	<u>Union</u>	<u>CWF, MF</u>	<u>None</u>
4—Spruce Run	Basin, Source to eastern boundary of Bald Eagle State Forest at [RM 5.09] <u>41° 1' 43.8" N; 77° 0' 5.4" W</u>	Union	EV, MF	None
4—Spruce Run	Basin, Eastern boundary of Bald Eagle State Forest [at RM 5.09] to Mouth	Union	HQ-CWF, MF	None
[4—Little Buffalo Creek	Basin	Union	CWF, MF	None
3—Limestone Run	Basin	Union	WWF, MF	None
3—Chillisquaque Creek	Basin	Northumberland and	WWF, MF	None
3—Turtle Creek	Basin	Union	WWF, MF	None
3—Winfield Creek	Basin	Union	WWF, MF	None]
<u>4—Tributaries to Buffalo Creek</u>	<u>Basins, Spruce Run to Mouth</u>	<u>Union</u>	<u>CWF, MF</u>	<u>None</u>
<u>3—Tributaries to West Branch Susquehanna River</u>	<u>Basins, Buffalo Creek to Mouth</u>	<u>Northumberland and-Union</u>	<u>WWF, MF</u>	<u>None</u>

§ 93.9m. Drainage List M.

Susquehanna River Basin in Pennsylvania
Susquehanna River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
4—Kern Run	Basin	Snyder	CWF, MF	None
4—[Bowersox Run] <u>UNT 17823 at 40° 46' 30.7" N; 77° 4' 8.9" W (locally known as Bowersox Run)</u>	Basin, Source to [FAS 690] <u>T3008</u>	Snyder	HQ-CWF, MF	None
<u>4—UNT 17823</u>	<u>Basin, T3008 to Mouth</u>	<u>Snyder</u>	<u>CWF, MF</u>	<u>None</u>

4— <u>[Erb Run] UNT 17821 at 40° 46' 38.9" N; 77° 3' 29.1" W (locally known as Erb Run)</u>	Basin, Source to [FAS 690] <u>T3008</u>	Snyder	HQ-CWF, MF	None
<u>4—UNT 17821</u>	<u>Basin, T3008 to Mouth</u>	<u>Snyder</u>	<u>CWF, MF</u>	<u>None</u>
4—Susquehecka Creek (Freeburg Run)	Basin	Snyder	CWF, MF	None
	* * * * *			
2—Gurdy Run	Basin	Dauphin	WWF, MF	None
2—Armstrong Creek	Basin, Source to [Unnamed Tributary at RM 9.86] <u>UNT 16835 at 40° 30' 31.1" N; 76° 50' 43.2" W</u>	Dauphin	CWF, MF	None
3—[Unnamed Tributary to Armstrong Creek at RM 9.86] <u>UNT 16835</u>	Basin, Source to SR 1003 Bridge <u>at 40° 29' 45.1" N; 76° 47' 56.8" W</u>	Dauphin	<u>[HW-CWF] HQ-CWF, MF</u>	None
3—[Unnamed Tributary to Armstrong Creek at RM 9.86] <u>UNT 16835</u>	Basin, SR 1003 Bridge to Mouth	Dauphin	CWF, MF	None
2—Armstrong Creek	Basin, [Unnamed Tributary at RM 9.86] <u>UNT 16835</u> to LR 22028 (SR 4001) Bridge	Dauphin	CWF, MF	None
2—Armstrong Creek	Basin, LR 22028 Bridge to Mouth	Dauphin	TSF, MF	None
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§ 93.9n. Drainage List N.

Susquehanna River Basin in Pennsylvania

Juniata River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
	* * * * *			
3—Raystown Branch Juniata River	Basin, Source to Breastwork Run	Somerset	CWF, MF	None
4—Breastwork Run	Basin	Somerset	HQ-CWF, MF	None

3—Raystown Branch Juniata River	Basin, Breastwork Run to Somerset-Bedford County Border <u>at 39° 58' 49.3" N; 78° 45' 41.9" W</u>	Somerset-Bedford	CWF, MF	None
3—Raystown Branch Juniata River	Main Stem, Somerset-Bedford County Border to Bedford-Huntingdon County Border <u>at 40° 13' 49.5" N; 78° 14' 18.2" W</u>	Bedford-Huntingdon	TSF, MF	None
4—[Unnamed] Tributaries to Raystown Branch	Basins, Somerset-Bedford County Border to [Bedford-Huntingdon County Border] <u>Shobers Run Basin</u>	Bedford	WWF, MF	None
4—Spicer Brook	Basin	Bedford	WWF, MF	None
4—Shawnee Branch	Basin	Bedford	WWF, MF	None
4—Buffalo Run	Basin	Bedford	WWF, MF	None
4—Cumberland Valley Run	Basin	Bedford	WWF, MF	None]
4—Shobers Run	Basin	Bedford	HQ-CWF, MF	None
<u>4—Tributaries to Raystown Branch</u>	<u>Basins, Shobers Run to Dunning Creek</u>	<u>Bedford</u>	<u>WWF, MF</u>	<u>None</u>
4—Dunning Creek	[Main Stem] <u>Basin, Source to Stone Creek</u>	Bedford	WWF, MF	None
[5—Unnamed Tributaries to Dunning Creek	Basins	Bedford	WWF, MF	None
5—Rocklick Creek	Basin	Bedford	WWF, MF	None
5—Bearfoot Run	Basin	Bedford	WWF, MF	None
5—Georges Creek	Basin	Bedford	WWF, MF	None]
5—Stone Creek	Basin, Source to Confluence with UNT 14908 at [RM 0.34] <u>40° 8' 55" N; 78° 33' 59.5" W</u>	Bedford	WWF, MF	None
6—[Unnamed Tributary (UNT) 14908 to Stone Creek] <u>UNT 14908</u>	Basin	Bedford	CWF, MF	None
5—Stone Creek	Basin, UNT 14908 to Mouth	Bedford	CWF, MF	None
<u>4—Dunning Creek</u>	<u>Basin, Stone Creek to Bobs Creek</u>	<u>Bedford</u>	<u>WWF, MF</u>	<u>None</u>

5—Bobs Creek	Basin, Source to Pavia Run	Bedford	HQ-CWF, MF	None
6—Pavia Run	Basin	Bedford	HQ-CWF, MF	None
5—Bobs Creek	Basin, Pavia Run to Mouth	Bedford	CWF, MF	None
[5—Adams Run	Basin	Bedford	WWF, MF	None
5—Oppenheimer Run	Basin	Bedford	WWF, MF	None
5—Brush Run	Basin	Bedford	WWF, MF	None]
<u>4—Dunning Creek</u>	<u>Basin, Bobs Creek to Imlertown Run</u>	<u>Bedford</u>	<u>WWF, MF</u>	<u>None</u>
5—Imlertown Run	Basin	Bedford	TSF, MF	None
<u>4—Dunning Creek</u>	<u>Basin, Imlertown Run to Pleasant Valley Run</u>	<u>Bedford</u>	<u>WWF, MF</u>	<u>None</u>
5—Pleasant Valley Run	Basin	Bedford	CWF, MF	None
<u>4—Dunning Creek</u>	<u>Basin, Pleasant Valley Run to Mouth</u>	<u>Bedford</u>	<u>WWF, MF</u>	<u>None</u>
<u>4—Tributaries to Raystown Branch</u>	<u>Basins, Dunning Creek to Cove Creek</u>	<u>Bedford</u>	<u>WWF, MF</u>	<u>None</u>
4—Cove Creek	Basin	Bedford	EV, MF	None
[4—Snakespring Valley Run	Basin	Bedford	WWF, MF	None]
<u>4—Tributaries to Raystown Branch</u>	<u>Basins, Cove Creek to Clear Creek</u>	<u>Bedford</u>	<u>WWF, MF</u>	<u>None</u>
4—Clear Creek	Basin	Bedford	TSF, MF	None
[4—Greys Run	Basin	Bedford	WWF, MF	None]
<u>4—Tributaries to Raystown Branch</u>	<u>Basins, Clear Creek to Brush Creek</u>	<u>Bedford</u>	<u>WWF, MF</u>	<u>None</u>
4—Brush Creek	Basin, Source to Fulton-Bedford County Border <u>at 39° 57' 6.3" N; 78° 14' 20.3" W</u>	Fulton-Bedford	HQ-CWF, MF	None
4—Brush Creek	Basin, Fulton-Bedford County Border to Mouth	Bedford	WWF, MF	None
[4—Tub Mill Run	Basin	Bedford	WWF, MF	None
4—French Run	Basin	Bedford	WWF, MF	None]
<u>4—Tributaries to Raystown Branch</u>	<u>Basins, Brush Creek to Sherman Valley Branch</u>	<u>Bedford</u>	<u>WWF, MF</u>	<u>None</u>
4—Sherman Valley Run	Basin	Bedford	CWF, MF	None
[4—Pipers Run	Basin	Bedford	WWF, MF	None
4—Sandy Run	Basin	Bedford	WWF, MF	None]

<u>4—Tributaries to Raystown Branch</u>	<u>Basins, Sherman Valley Branch to Yellow Creek</u>	<u>Bedford</u>	<u>WWF, MF</u>	<u>None</u>
4—Yellow Creek	Basin	Bedford	HQ-CWF, MF	None
[4—Sixmile Run	Basin	<u>Bedford</u>	<u>WWF, MF</u>	<u>None]</u>
<u>4—Tributaries to Raystown Branch</u>	<u>Basins, Yellow Creek to Ravers Run</u>	<u>Bedford</u>	<u>WWF, MF</u>	<u>None</u>
4—Ravers Run	Basin	Bedford	TSF, MF	None
[4—Shoup Run	Basin	<u>Bedford</u>	<u>WWF, MF</u>	<u>None]</u>
<u>4—Tributaries to Raystown Branch</u>	<u>Basins, Ravers Run to Bedford-Huntingdon County Border at 40° 13' 49.5" N; 78° 14' 18.2" W</u>	<u>Bedford</u>	<u>WWF, MF</u>	<u>None</u>
3—Raystown Branch Juniata River	[<u>Main Stem</u>] <u>Basin</u> , Bedford-Huntingdon County Border to [<u>Mouth</u>] <u>Tatman Run</u>	Huntingdon	WWF, MF	None
[4—Unnamed Tributaries to Raystown Branch	<u>Basins, Bedford-Huntingdon County Border to Mouth</u>	<u>Huntingdon</u>	<u>WWF, MF</u>	<u>None</u>
4—Shy Beaver Creek	Basin	<u>Huntingdon</u>	<u>WWF, MF</u>	<u>None]</u>
4—Tatman Run	Basin	Huntingdon	HQ-CWF, MF	None
[4—Coffee Run	Basin	<u>Huntingdon</u>	<u>WWF, MF</u>	<u>None]</u>
<u>3—Raystown Branch Juniata River</u>	<u>Basin, Tatman Run to Great Trough Creek</u>	<u>Huntingdon</u>	<u>WWF, MF</u>	<u>None</u>
4—Great Trough Creek	Basin	Huntingdon	TSF, MF	None
[4—James Creek	Basin	<u>Huntingdon</u>	<u>WWF, MF</u>	<u>None</u>
4—Hawns Run	Basin	<u>Huntingdon</u>	<u>WWF, MF</u>	<u>None]</u>
<u>3—Raystown Branch Juniata River</u>	<u>Basin, Great Trough Creek to Mouth</u>	<u>Huntingdon</u>	<u>WWF, MF</u>	<u>None</u>
3—Unnamed Tributaries to Juniata River	Basins, Raystown Branch to Kishacoquillas Creek	Huntingdon-Mifflin	HQ-CWF, MF	None
	* * * *	*		

§ 93.9o. Drainage List O.

Susquehanna River Basin in Pennsylvania *Susquehanna River*

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
	* * * *	*		
2—Conodoguinet Creek	Basin, Letterkenny Reservoir Dam to Trout Run	Franklin	CWF, MF	None
3—Trout Run	Basin, Source to Water Supply Dam	Franklin	EV, MF	None
<u>3—Trout Run</u>	<u>Basin, Water Supply Dam to Mouth</u>	<u>Franklin</u>	<u>HQ-CWF, MF</u>	<u>None</u>
2—Conodoguinet Creek	Basin, Trout Run to PA 997 at Roxbury * * * * *	Franklin	CWF, MF	None
3—Old Town Run	Basin	Cumberland	HQ-CWF, MF	None
2—Yellow Breeches Creek	Main Stem, LR 21012 to Mouth	Cumberland-York-Dauphin	CWF, MF	<i>[Delete DO₁ Add DO₄] <u>Add</u> <u>DO=Minimum 7.0 mg/L, June 1 to Sept. 30</u></i>
3—Unnamed Tributaries to Yellow Breeches Creek	Basins, LR 21012 to Mouth * * * *	Cumberland-York	CWF, MF	None
3—Indiantown Run	Basin, Inlet of Memorial Lake to Mouth	Lebanon	WWF, MF	None
3—Quittapahilla Creek	Basin	Lebanon	TSF, MF	None
<u>3—Bow Creek</u>	<u>Basin</u>	<u>Dauphin</u>	<u>WWF, MF</u>	<u>None</u>
3—Manada Creek	Basin, Source to I-81 at <u>40° 21' 48.6" N; 76° 42' 20.0" W</u>	Dauphin	CWF, MF	None
3—Manada Creek	Basin, I-81 to Mouth * * * *	Dauphin	WWF, MF	None
2—Wilson Run	Basin	York	WWF, MF	None
<u>2—Boys Run</u>	<u>Basin</u>	<u>York</u>	<u>WWF, MF</u>	<u>None</u>
2—Conestoga River	Basin, Source to UNT 07792 at <u>[RM 43.05] 40° 8' 57.4" N; 76° 5' 24.9" W</u>	Lancaster	WWF, MF	None
3—UNT 07792 to Conestoga River at <u>[RM 43.05] 40° 8' 57.4" N; 76° 5' 24.9" W</u>	Basin	Lancaster	CWF, MF	None

2—Conestoga River	Main Stem, UNT 07792 at [RM 43.05]40° 8' 57.4" N; 76° 5' 24.9" W	Lancaster	WWF, MF	None
3—UNTs to Conestoga River	downstream to Mouth Basins, UNT 07792 to Mouth	Berks-Lancaster	WWF, MF	None
[3—Muddy Creek	Main Stem, Source to Little Muddy Creek	Lancaster	TSF, MF	None
4—Unnamed Tributaries to Muddy Creek	Basins, Source to Little Muddy Creek	Berks-Lancaster	WWF, MF	None]
<u>3—Muddy Creek</u>	<u>Basin, Source to UNT at 40° 13' 9.9" N; 76° 1' 16.7" W</u>	<u>Lancaster</u>	<u>WWF, MF</u>	<u>None</u>
<u>4—UNT at 40° 13' 9.9" N; 76° 1' 16.7" W</u>	<u>Basin</u>	<u>Lancaster</u>	<u>TSF, MF</u>	<u>None</u>
<u>3—Muddy Creek</u>	<u>Main Stem, UNT at 40° 13' 9.9" N; 76° 1' 16.7" W to Little Muddy Creek</u>	<u>Lancaster</u>	<u>TSF, MF</u>	<u>None</u>
<u>4—Unnamed Tributaries to Muddy Creek</u>	<u>Basins, UNT at 40° 13' 9.9" N; 76° 1' 16.7" W to Little Muddy Creek</u>	<u>Lancaster</u>	<u>WWF, MF</u>	<u>None</u>
4—Rock Run	Basin	Lancaster	HQ-TSF, MF	None
	* * * *	*		
2—Pequea Creek	Main Stem, PA 897 to Mouth	Lancaster	WWF, MF	None
3—Unnamed Tributaries to Pequea Creek	Basins, PA 897 to Eshleman Run	Lancaster	CWF, MF	None
3—White Horse Run	Basin	Lancaster	WWF, MF	None
3—Umbles Run	Basin	Lancaster	HQ-CWF, MF	None
3—Houston Run	Basin	Lancaster	CWF, MF	None
3—Eshleman Run	Basin	Lancaster	CWF, MF	None
[3—Unnamed Tributaries to Pequea Creek	Basins, Eshleman Run to RM 3.35	Lancaster	WWF, MF	None
3—Unnamed Tributary to Pequea Creek at RM 3.35	Basin	Lancaster	HQ-CWF, MF	None
3—Unnamed Tributaries to Pequea Creek	Basins, RM 3.35 to RM 3.20	Lancaster	WWF, MF	None
3—Unnamed Tributary to Pequea Creek at RM 3.20	Basin	Lancaster	CWF, MF	None
3—Unnamed Tributaries to Pequea Creek	Basins, RM 3.20 to Mouth	Lancaster	WWF, MF	None]

3—Watson Run	Basin	Lancaster	WWF, MF	None
3—Walnut Run	Basin	Lancaster	WWF, MF	None
3—Little Beaver Creek	Basin	Lancaster	TSF, MF	None
3—Big Beaver Creek	Basin	Lancaster	TSF, MF	None
3—Huber Run	Basin	Lancaster	CWF, MF	None
3—Goods Run	Basin	Lancaster	TSF, MF	None
3—Silver Mine Run	Basin	Lancaster	TSF, MF	None
3—Climbers Run	Main Stem	Lancaster	CWF, MF	None
4—Unnamed Tributaries to Climbers Run	Basins	Lancaster	CWF, MF	None
4—Trout Run	Basin	Lancaster	HQ-CWF, MF	None
<u>3—Unnamed Tributaries to Pequea Creek</u>	<u>Basins, Eshleman Run to UNT 07452</u>	<u>Lancaster</u>	<u>WWF, MF</u>	<u>None</u>
<u>3—UNT 07452 to Pequea Creek at 39° 54' 20.6" N; 76° 19' 41.8" W</u>	<u>Basin</u>	<u>Lancaster</u>	<u>HQ-CWF, MF</u>	<u>None</u>
<u>3—Unnamed Tributaries to Pequea Creek</u>	<u>Basins, UNT 07452 to UNT 07451</u>	<u>Lancaster</u>	<u>WWF, MF</u>	<u>None</u>
<u>3—UNT 07451 to Pequea Creek at 39° 54' 12.4" N; 76° 19' 43.0" W</u>	<u>Basin</u>	<u>Lancaster</u>	<u>CWF, MF</u>	<u>None</u>
<u>3—Unnamed Tributaries to Pequea Creek</u>	<u>Basins, UNT 07451 to Mouth</u>	<u>Lancaster</u>	<u>WWF, MF</u>	<u>None</u>
2—Otter Creek	Main Stem, Source to Upstream Boundary of State Game Lands No. 83 (T 616) * * * *	York	CWF, MF	None
2—Octoraro Creek	Main Stem, Confluence of East and West Branches to PA-MD State Border	Lancaster-Chester	WWF[;], MF	None
3—Unnamed Tributaries to Octoraro Creek	Basins, (all sections in PA) Confluence of East and West Branches to [RM 13.60]UNT 07001 at 39° 44' 1.7" N; 76° 5' 32.9" W	Lancaster-Chester	TSF[;], MF	None
3—Tweed Creek	Basin	Chester	TSF[;], MF	None
3—McCreary Run	Basin	Lancaster	HQ-TSF[;], MF	None
3—Blackburn Run	Basin	Chester	TSF[;], MF	None

3—Black Run	Basin, Source to [Unnamed Tributary at RM 2.50] UNT 07006 at 39° 44' 25.5" N; 76° 3' 15.9" W	Chester	EV[;], MF	None
4— [Unnamed Tributary to Black Run at RM 2.50] UNT 07006	Basin	Chester	TSF[;], MF	None
3—Black Run	Basin, [Unnamed Tributary at RM 2.50] UNT 07006 to Mouth	Chester	TSF[;], MF	None
3—Hog Run	Basin	Chester	TSF[;], MF	None
3— [Unnamed Tributary to Octoraro Creek at RM 13.60] UNT 07001 to Octoraro Creek at 39° 44' 1.7" N; 76° 5' 32.9" W	Basin	Chester	EV[;], MF	None
3—Unnamed Tributaries to Octoraro Creek	Basins, [RM 13.60] UNT 07001 to PA- MD State Border	Lancaster- Chester	TSF[;], MF	None
3—Reynolds Run	Basin	Lancaster	[HQ-CWF, MF] HQ- TSF, MF	None
2—Octoraro Creek (MD)				
3—Unnamed Tributaries to Octoraro Creek	Basins (all sections in PA), PA-MD State Border to Mouth	Chester	TSF[;], MF	None
3—Stone Run	Basin (all sections in PA)	Chester	TSF[;], MF	None
2—Deer Creek	Basin (all sections in PA)	York	CWF, MF	None
	* * * *			
2—Elk River (MD)				
3—Big Elk Creek	Basin (all sections in PA)	Chester	HQ-TSF[;], MF	None
3—Little Elk Creek	Main Stem, Source to PA-MD State Border	Chester	HQ-TSF[;], MF	None
4—Unnamed Tributaries to Little Elk Creek	Basins (all sections in PA), Source to PA- MD State Border	Chester	HQ-TSF[;], MF	None
4—Jordan Run	Basin	Chester	EV[;], MF	None
4—Barren Brook	Basin	Chester	EV[;], MF	None
3—Little Elk Creek (MD)				

4—Unnamed Tributaries to Little Elk Creek	Basins (all sections in PA), PA-MD State Border to Mouth * * * *	Chester	TSF[;], MF	None
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§ 93.9p. Drainage List P.

Ohio River Basin in Pennsylvania
Allegheny River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
1—Ohio River				
2—Allegheny River	[Main Stem, Source to PA-NY State Border] <u>Basin, Source to Woodcock Creek</u>	McKean	CWF	None
[3—Unnamed Tributaries to Allegheny River	Basins (all sections in PA), Source to PA-NY State Border	Potter-McKean	CWF	None]
3—Woodcock Creek	Basin	Potter	HQ-CWF	None
[3—Gross Hollow	Basin	Potter	CWF	None]
<u>2—Allegheny River</u>	<u>Basin, Woodcock Creek to UNT 58543 at 41° 49' 58.8" N; 77° 53' 51.9" W (locally known as Wambold Hollow)</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
3—[Wambold Hollow] <u>UNT 58543</u> (Wambold Hollow)	Basin	Potter	HQ-CWF	None
[3—Pigeon Hollow	Basin	Potter	CWF	None
3—Toombs Hollow	Basin	Potter	CWF	None
3—Kohler Hollow	Basin	Potter	CWF	None]
<u>2—Allegheny River</u>	<u>Basin, UNT 58543 to Dwight Creek</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
3—Dwight Creek	Basin	Potter	HQ-CWF	None
[3—Peet Brook	Basin	Potter	CWF	None
3—Lent Hollow	Basin	Potter	CWF	None
3—Prosser Hollow	Basin	Potter	CWF	None
3—Baker Creek	Basin	Potter	CWF	None]
<u>2—Allegheny River</u>	<u>Basin, Dwight Creek to Steer Run</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
3—Steer Run	Basin	Potter	HQ-CWF	None

[3—Reese Hollow	Basin	Potter	CWF	None]
<u>2—Allegheny River</u>	<u>Basin, Steer Run to Mill Creek</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
3—Mill Creek	Basin, Source to North Hollow	Potter	HQ-CWF	None
3—Mill Creek	Basin, North Hollow to Mouth	Potter	CWF	None
<u>2—Allegheny River</u>	<u>Basin, Mill Creek to Dingman Run</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
3—Dingman Run	[Main Stem] Basin	Potter	HQ-CWF	None
[3—Earl Hollow	Basin	Potter	CWF	None
3—Pump Station Hollow	Basin	Potter	CWF	None
3—Elm Flat	Basin	Potter	CWF	None
3—Gleason Hollow	Basin	Potter	CWF	None]
<u>2—Allegheny River</u>	<u>Basin, Dingman Run to Reed Run</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
3—Reed Run	Basin	Potter	HQ-CWF	None
[3—Trout Brook	Basin	Potter	CWF	None]
<u>2—Allegheny River</u>	<u>Basin, Reed Run to Laninger Creek</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
3—Laninger Creek	Basin	Potter	HQ-CWF	None
<u>2—Allegheny River</u>	<u>Basin, Laninger Creek to Fishing Creek</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
3—Fishing Creek	[Main Stem] Basin, Source to East Branch Fishing Creek	Potter	CWF	None
[4—Unnamed Tributaries to Fishing Creek	Basins	Potter	CWF	None]
4—East Branch Fishing Creek	Basin	Potter	HQ-CWF	None
[3—Card Creek	Basin	Potter	CWF	None
3—Sartwell Creek	Basin	McKean	CWF	None]
<u>3—Fishing Creek</u>	<u>Basin, East Branch Fishing Creek to Mouth</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
<u>2—Allegheny River</u>	<u>Basin, Fishing Creek to Allegheny Portage Creek</u>	<u>Potter-McKean</u>	<u>CWF</u>	<u>None</u>
3—Allegheny Portage Creek	Main Stem, Source to [Brown Hollow] UNT <u>58235 at 41° 42' 18.6" N; 78° 11' 43.6" W</u>	Potter	TSF	None

4—[Unnamed] Tributaries To Allegheny Portage Creek	Basins, <u>Source to UNT 58235 (locally known as Brown Hollow)</u>	Potter[-McKean]	CWF	None
[4—Planing Mill Hollow	Basin	Potter	CWF	None]
4—[Brown Hollow] <u>UNT 58235</u>	Basin	Potter	HQ-CWF	None
3—Allegheny Portage Creek	Main Stem, [Brown Hollow] <u>UNT 58235</u> to Scaffold Lick Run	McKean	HQ-CWF	None
[4—Indian Run	Basin	McKean	CWF	None
4—Heath Hollow	Basin	McKean	CWF	None]
<u>4—Tributaries To Allegheny Portage Creek</u>	<u>Basins, UNT 58235 to Fair Run</u>	<u>Potter-McKean</u>	<u>CWF</u>	<u>None</u>
4—Fair Run	Basin	McKean	HQ-CWF	None
[4—Rock Run	Basin	McKean	CWF	None
4—Scaffold Lick Run	Basin	McKean	CWF	None]
<u>4—Tributaries To Allegheny Portage Creek</u>	<u>Basins, Fair Run to Scaffold Lick Run</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
<u>4—Scaffold Lick Run</u>	<u>Basin</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
3—Allegheny Portage Creek	Main Stem, Scaffold Lick Run to Mouth	McKean	TSF	None
[4—Cady Hollow	Basin	McKean	CWF	None
4—Hamilton Run	Basin	McKean	CWF	None
4—Tramroad Hollow	Basin	McKean	CWF	None
4—Combs Creek	Basin	McKean	CWF	None]
[3—Lillibridge Creek	Basin	McKean	CWF	None]
<u>4—Tributaries To Allegheny Portage Creek</u>	<u>Basins, Scaffold Lick Run to Mouth</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
<u>2—Allegheny River</u>	<u>Basin, Allegheny Portage Creek to Skinner Creek</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
3—Skinner Creek	Basin	McKean	HQ-CWF	None
[3—Twomile Creek	Basin	McKean	CWF	None
3—Annin Creek	Basin	McKean	CWF	None
3—Rock Run	Basin	McKean	CWF	None
3—Open Brook	Basin	McKean	CWF	None
3—Newell Creek	Basin	McKean	CWF	None]
<u>2—Allegheny River</u>	<u>Basin, Skinner Creek to Potato Creek</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
3—Potato Creek				
4—East Branch Potato Creek	[Basins] Basin, Source to Confluence with Havens Run	McKean	HQ-CWF	None

4—Havens Run	Basin, Source to Confluence with East Branch	McKean	CWF	None
3—Potato Creek	Main Stem, Confluence of East Branch and Havens Run to Cole Creek	McKean	TSF	None
4—[Unnamed] Tributaries to Potato Creek	Basins, Confluence of East Branch and Havens Run to [Cole Creek] <u>West Branch Potato Creek</u>	McKean	CWF	None
[4—Indian Run	Basin	McKean	CWF	None
4—Frog Camp Hollow	Basin	McKean	CWF	None
4—Kimball Hollow	Basin	McKean	CWF	None]
4—West Branch Potato Creek	Basin	McKean	HQ-CWF	None
[4—Sackett Hollow	Basin	McKean	CWF	None]
<u>4—Tributaries to Potato Creek</u>	<u>Basins, West Branch Potato Creek to Brewer Run</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
4—Brewer Run	Basin	McKean	HQ-CWF	None
[4—Evans Hollow	Basin	McKean	CWF	None]
<u>4—Tributaries to Potato Creek</u>	<u>Basins, Brewer Run to Red Mill Brook</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
4—Red Mill Brook	[Main Stem] Basin, Source to UNT 57891 at 41° 42' 42.7" N; 78° 28' 31.6" W (locally known as Wernwag Hollow)	McKean	CWF	None
[5—Unnamed Tributaries to Red Mill Brook	Basins	McKean	CWF	None]
5—[Wernwag Hollow] <u>UNT 57891</u>	Basin	McKean	HQ-CWF	None
[5—Browns Mill Hollow	Basin	McKean	CWF	None
5—Combs Hollow	Basin	McKean	CWF	None]
<u>4—Red Mill Brook</u>	<u>Basin, UNT 57891 to Mouth</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
<u>4—Tributaries to Potato Creek</u>	<u>Basins, Red Mill Brook to Colegrove Brook</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
4—Colegrove Brook	Basin	McKean	HQ-CWF	None
<u>4—Tributaries to Potato Creek</u>	<u>Basins, Colegrove Brook to Robbins Brook</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
4—Robbins Brook	Basin	McKean	HQ-CWF	None

<u>4—Walcott Brook</u>	Basin	McKean	CWF	None]
<u>4—Tributaries to Potato Creek</u>	<u>Basins, Robbins Brook to Boyer Brook</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
4—Boyer Brook	Basin	McKean	HQ-CWF	None
<u>4—Tributaries to Potato Creek</u>	<u>Basins, Boyer Brook to Daly Brook</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
4—Daly Brook	Basin	McKean	HQ-CWF	None
<u>4—Tributaries to Potato Creek</u>	<u>Basins, Daly Brook to Marvin Creek</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
4—Marvin Creek	<u>[Main Stem] Basin, Source to UNT 57809 at 41° 41' 43.1" N; 78° 36' 1.0" W (locally known as Sherman Run)</u>	McKean	CWF	None
[5—Unnamed Tributaries to Marvin Creek	Basins	McKean	CWF	None]
5—[Sherman Run] <u>UNT 57809</u>	Basin	McKean	HQ-CWF	None
<u>4—Marvin Creek</u>	<u>Basin, UNT 57809 to UNT 57801 at 41° 42' 23.1" N; 78° 35' 4.7" W (locally known as Santeen Run)</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
5—[Santeen Run] <u>UNT 57801</u>	Basin	McKean	HQ-CWF	None
[5—Wildcat Hollow	Basin	McKean	CWF	None]
<u>4—Marvin Creek</u>	<u>Basin, UNT 57801 to Warner Brook</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
5—Warner Brook	Basin	McKean	HQ-CWF	None
<u>4—Marvin Creek</u>	<u>Basin, Warner Brook to Stanton Brook</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
5—Stanton Brook	Basin	McKean	HQ-CWF	None
[5—Bloomster Hollow	Basin	McKean	CWF	None]
<u>4—Marvin Creek</u>	<u>Basin, Stanton Brook to Blacksmith Run</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
5—Blacksmith Run	Basin [from], Source to Smethport Water Intake	McKean	HQ-CWF	None
5—Blacksmith Run	Basin [From], Smethport Water Intake to Mouth	McKean	CWF	None
<u>4—Marvin Creek</u>	<u>Basin, Blacksmith Run to Mouth</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>

<u>4—Tributaries to Potato Creek</u>	<u>Basins, Marvin Creek to Cole Creek</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
4—Cole Creek	[Basin, Source to South Branch Cole Creek	McKean	CWF	None]
5—South Branch Cole Creek	Basin, <u>Source to Confluence with North Branch</u>	McKean	EV	None
<u>5—North Branch Cole Creek</u>	<u>Basin, Source to Confluence with South Branch</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
4—Cole Creek	Basin, [South Branch Cole Creek] <u>Confluence of North and South Branches</u>	McKean	CWF	None
3—Potato Creek	Main Stem, Cole Creek to Mouth	McKean	WWF	None
4—[Unnamed] Tributaries to Potato Creek	Basins, Cole Creek to Mouth	McKean	CWF	None
4—Pierce Brook	Basin	McKean	CWF	None
3—Carpenter Creek	Basin	McKean	CWF	None
3—Canfield Creek	Basin	McKean	CWF	None
3—Barden Brook	Basin	McKean	CWF	None
3—Knapp Creek	Main Stem	McKean	CWF	None
4—Unnamed Tributaries to Knapp Creek	Basins	McKean	CWF	None
4—Tram Hollow Run	Basin	McKean	CWF	None
4—Kansas Branch	Basin	McKean	CWF	None
4—South Branch Knapp Creek	Basin	McKean	CWF	None
3—Indian Creek (NY)				
4—Unnamed Tributaries to Indian Creek	Basins (all sections in PA), Source to PA-NY State Border	McKean	CWF	None
3—Indian Creek	Main Stem, PA-NY State Border to Mouth	McKean	CWF	None
4—Unnamed Tributaries to Indian Creek	Basins (all sections in PA), PA-NY State Border to Mouth	McKean	CWF	None
4—North Branch Indian Creek	Basin (all sections in PA)	McKean	CWF	None
3—Mix Creek	Basin (all sections in PA)	McKean	CWF	None
3—McCrea Run	Basin	McKean	CWF	None

3—Tunungwant Creek	Main Stem, Confluence of East and West Branches to PA-NY State Border	McKean	WWF	None
3—McCrea Run	Basin	McKean	CWF	None]
<u>2—Allegheny River</u>	<u>Basin (all sections in PA), Potato Creek to PA-NY State Border at 41° 59' 58.2" N; 78° 21' 0.6" W</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
2—Allegheny River (NY)				
3—Unnamed Tributaries to Allegheny River	Basins (all sections in PA), PA-NY State Border to Tunungwant Creek	McKean	CWF	None
3—Oswayo Creek	Basin, Source to <u>[Brizze Hollow] Hemlock Hollow Run</u>	Potter	CWF	None
4— <u>[Brizze Hollow] Hemlock Hollow Run (locally known as Brizze Hollow)</u>	Basin	Potter	HQ-CWF	None
3—Oswayo Creek	Basin, <u>[Brizze Hollow] Hemlock Hollow Run</u> to South Branch Oswayo Creek	Potter	HQ-CWF	None
4—South Branch Oswayo Creek	Basin	Potter	EV	None
3—Oswayo Creek	Basin, South Branch Oswayo Creek to Clara Creek	Potter	HQ-CWF	None
<u>4—Clara Creek</u>	<u>Basin, Source to Bradley Run</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
<u>5—Bradley Run</u>	<u>Basin</u>	<u>Potter</u>	<u>HQ-CWF</u>	<u>None</u>
<u>4—Clara Creek</u>	<u>Basin, Bradley Run to Mouth</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
3—Oswayo Creek	[Main Stem, Clara Creek to Honeoye Creek] <u>Basin, Clara Creek to Elevenmile Creek</u>	Potter	CWF	None
[4—Unnamed Tributaries to Oswayo Creek	Basins, Clara Creek to Honeoye Creek	Potter	CWF	None
4—Clara Creek	Main Stem	Potter	CWF	None
5—Unnamed Tributaries to Clara Creek	Basins	Potter	CWF	None
5—Bradley Run	Basin	Potter	HQ-CWF	None]

4—Elevenmile Creek	Basin	Potter	HQ-CWF	None
[4—Canada Run	Basin	Potter	CWF	None
4—Wildcat Creek	Basin	Potter	CWF	None]
<u>3—Oswayo Creek</u>	<u>Basin, Elevenmile Creek to Cow Run</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
4—Cow Run	Basin	Potter	HQ-CWF	None
<u>3—Oswayo Creek</u>	<u>Basin, Cow Run to Honeoye Creek</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
4—Honeoye Creek (NY)				
5—[Unnamed] Tributaries to Honeoye Creek	Basins (all sections in PA), Source to PA-NY State Border <u>at 41° 59' 58.2" N; 78° 1' 53.1" W</u>	Potter	CWF	None
4—Honeoye Creek	[Main Stem, PA-NY State Border to Mouth] <u>Basin (all sections in PA), PA-NY State Border at 42° 0' 1.1" N; 78° 6' 34.4" W to Butter Creek</u>	Potter	CWF	None
[5—Unnamed Tributaries to Honeoye Creek	Basins (all sections in PA), PA-NY State Border to Mouth	Potter	CWF	None]
5—Butter Creek	Basin	Potter	HQ-CWF	None
[5—Plank Creek	Basin	Potter	CWF	None]
<u>4—Honeoye Creek</u>	<u>Basin (all sections in PA), Butter Creek to Mouth</u>	<u>Potter</u>	<u>CWF</u>	<u>None</u>
3—Oswayo Creek	Main Stem, Honeoye Creek to PA-NY State Border <u>at 41° 59' 57.7" N; 78° 18' 9.2" W</u>	McKean	WWF	None
4—[Unnamed] Tributaries to Oswayo Creek	Basins (all sections in PA), Honeoye Creek to [PA-NY State Border] <u>Janders Run</u>	Potter-McKean	CWF	None
4—Janders Run	Basin	McKean-Potter	HQ-CWF	None
[4—Horse Run	Basin (all sections in PA)	McKean	CWF	None]
<u>4—Tributaries to Oswayo Creek</u>	<u>Basins (all sections in PA), Janders Run to Bell Run</u>	<u>Potter-McKean</u>	<u>CWF</u>	<u>None</u>

4—Bell Run	[Main Stem] Basin, Source to Taylor Brook	McKean	CWF	None
[5—Unnamed Tributaries to Bell Run	Basins	McKean	CWF	None
5—Shaytown Branch	Basin	Potter	CWF	None
5—Chapman Brook	Basin	McKean	CWF	None]
5—Taylor Brook	Basin	McKean	HQ-CWF	None
[4—Kings Run	Basin	McKean	CWF	None]
<u>4—Bell Run</u>	<u>Basin, Taylor Brook to Mouth</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
<u>4—Tributaries to Oswayo Creek</u>	<u>Basins (all sections in PA), Bell Run to Mouth</u>	<u>Potter- McKean</u>	<u>CWF</u>	<u>None</u>
3—Oswayo Creek (NY)				
4—[Unnamed] Tributaries to Oswayo Creek	Basins (all sections in PA), PA-NY State Border at 41° 59' 57.7" N; 78° 18' 9.2" W to Mouth	McKean	CWF	None
3—Tunungwant Creek				
4—East Branch Tunungwant Creek	Basin, Source to Railroad Run	McKean	HQ-CWF	None
5—Railroad Run	Basin	McKean	EV	None
4—East Branch Tunungwant Creek	Basin, Railroad Run to T-331 Bridge at 41° 53' 10.3" N; 78° 39' 18.1" W	McKean	HQ-CWF	None
4—East Branch Tunungwant Creek	Main Stem, T-331 Bridge to SR 4002 Bridge at 41° 55' 46.1" N; 78° 38' 51.3" W	McKean	HQ-CWF	None
5—[Unnamed] Tributaries to East Branch Tunungwant Creek	Basins, T-331 Bridge to [SR 4002] Minard Run	McKean	CWF	None
[5—Sheppard Run	Basin	McKean	CWF	None]
5—Minard Run	Basin	McKean	EV	None
<u>5—Tributaries to East Branch Tunungwant Creek</u>	<u>Basins, Minard Run to SR 4002</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
4—East Branch Tunungwant Creek	Basin, SR 4002 to Confluence with West Branch	McKean	CWF	None
4—West Branch Tunungwant Creek	Basin, Source to Marilla Brook	McKean	HQ-CWF	None

5—Marilla Brook	Basin, [Above] <u>Source to Bradford Water Dam</u>	McKean	HQ-CWF	None
5—Marilla Brook	[Main Stem, Bradford Water Dam to Mouth] <u>Basin, Bradford Water Dam to Gilbert Brook</u>	McKean	CWF	None
[6—Unnamed Tributaries to Marilla Brook	Basins, Bradford Water Dam to Mouth	McKean	CWF	None]
6—Gilbert Brook	Basin	McKean	HQ-CWF	None
5—Marilla Brook	<u>Basin, Gilbert Brook to Mouth</u>	McKean	CWF	None
4—West Branch Tunungwant Creek	Basin, Marilla Brook to Confluence with East Branch	McKean	CWF	None
3—Tunungwant Creek	Main Stem, Confluence of East and West Branches to PA-NY State Border <u>at 41° 59' 59.1" N; 78° 37' 21.7" W</u>	McKean	WWF	None
4—[Unnamed] Tributaries to Tunungwant Creek	Basins (all sections in PA), Confluence of East and West Branches to [PA-NY State Border] <u>Kendall Creek</u>	McKean	CWF	None
4—Kendall Creek	Basin	McKean	WWF	None
[4— Bolivar Run	Basin (all sections in PA)	McKean	CWF	None
4— Foster Brook	Basin (all sections in PA)	McKean	CWF	None]
<u>4—Tributaries to Tunungwant Creek</u>	<u>Basins (all sections in PA), Kendall Creek to PA-NY State Border</u>	<u>McKean</u>	<u>CWF</u>	<u>None</u>
3—Tunungwant Creek (NY)				
4—[Unnamed] Tributaries to Tunungwant Creek	Basins (all sections in PA) PA-NY State Border to Mouth	McKean	CWF	None

§ 93.9q. Drainage List Q.

Ohio River Basin in Pennsylvania
Allegheny River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
1—Ohio River				
2—Allegheny River (NY)				
3—Unnamed Tributaries to Allegheny River	Basins (all sections in PA), Tunungwant Creek to PA-NY State Border <u>at 41° 59' 55.4" N; 78° 57' 14.6" W</u>	McKean-Warren	CWF	None
3—Quaker Run (NY)				
4—[Unnamed] Tributaries to Quaker Run	Basins (all sections in PA)	McKean	HQ-CWF	None
[4—Willis Creek	Basin (all sections in PA)	McKean	HQ-CWF	None
4—Coon Run	Basin (all sections in PA)	McKean	HQ-CWF	None
4—Yeager Brook	Basin (all sections in PA)	McKean	HQ-CWF	None]
3—Wolf Run	Basin, (all sections in PA)	McKean	HQ-CWF	None
3—State Line Run	Basin (all sections in PA)	Warren	CWF	None
2—Allegheny River	Main Stem, PA-NY State Border <u>at 41° 59' 55.4" N; 78° 57' 14.6" W</u> to Clarion River	Clarion	WWF	None
3—[Unnamed] Tributaries to Allegheny River	Basins, PA-NY State Border to [French Creek] Willow Creek	[Venango] Warren	CWF	None
3—Willow Creek	Basin (all sections in PA)	Warren	HQ-CWF	None
[3—Carr Brook	Basin	Warren	CWF	None
3—Hooks Brook	Basin	Warren	CWF	None
3—Williams Brook	Basin	Warren	CWF	None
3—Tracy Run	Basin	Warren	CWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Willow Creek to Cornplanter Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Cornplanter Run	Basin	Warren	HQ-CWF	None
[3—Whisky Run	Basin	Warren	CWF	None
3—Johnnycake Run	Basin	Warren	CWF	None]

<u>3—Tributaries to Allegheny River</u>	<u>Basins, Cornplanter Run to Hodge Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Hodge Run	Basin	Warren	HQ-CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Hodge Run to Sugar Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Sugar Run	Basin	Warren	HQ-CWF	None
[3—Billies Run	Basin	Warren	CWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Sugar Run to Kinzua Creek</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Kinzua Creek	Basin, Source to Wintergreen Run	McKean	CWF	None
4—Wintergreen Run	Basin	McKean	CWF	None
3—Kinzua Creek	Main Stem, Wintergreen Run to Mouth	Warren	CWF	None
4—[Unnamed] Tributaries to Kinzua Creek	Basins, Wintergreen Run to [Mouth] <u>South Branch Kinzua Creek</u>	McKean[- Warren]	HQ-CWF	None
[4—Windfall Run	Basin	McKean	HQ-CWF	None
4—Camp Run	Basin	McKean	HQ-CWF	None
4—Turnup Run	Basin	McKean	HQ-CWF	None
4—Thundershower Run	Basin	McKean	HQ-CWF	None
4—Libby Run	Basin	McKean	HQ-CWF	None
4—Whiting Run	Basin	McKean	HQ-CWF	None
4—Markham Run	Basin	McKean	HQ-CWF	None
4—Meade Run	Basin	McKean	HQ-CWF	None
4—Little Meade Run	Basin	McKean	HQ-CWF	None
4—Root Run	Basin	McKean	HQ-CWF	None]
4—South Branch Kinzua Creek	[Main Stem] <u>Basin, Source to Hubert Run</u>	McKean	HQ-CWF	None
[5—Unnamed Tributaries to South Branch Kinzua Creek	Basins	McKean	HQ-CWF	None
5—Glad Run	Basin	McKean	HQ-CWF	None
5—Watermill Run	Basin	McKean	HQ-CWF	None]
5—Hubert Run	Basin	McKean	CWF	None
<u>4—South Branch Kinzua Creek</u>	<u>Basin, Hubert Run to Mouth</u>	<u>McKean</u>	<u>HQ-CWF</u>	<u>None</u>
[4—Mud Lick Run	Basin	McKean	HQ-CWF	None]
<u>4—Tributaries to Kinzua Creek</u>	<u>Basins, South Branch Kinzua Creek to Chappel Fork</u>	<u>McKean</u>	<u>HQ-CWF</u>	<u>None</u>
4—Chappel Fork	Main Stem	McKean	CWF	None

5—[Unnamed] Tributaries to Chappel Fork	Basins, <u>Source to Mouth</u>	McKean	HQ-CWF	None
5—Buck Lick Run	Basin	McKean	HQ-CWF	None
5—Crary Run	Basin	McKean	HQ-CWF	None
5—White Gravel Creek	Basin	McKean	HQ-CWF	None
5—Bump Run	Basin	McKean	HQ-CWF	None
5—North Fork	Basin	McKean	HQ-CWF	None
5—Coon Run	Basin	McKean	HQ-CWF	None
5—Briggs Run	Basin	McKean	HQ-CWF	None
5—Hemlock Run	Basin	McKean	HQ-CWF	None
4—Morrison Run	Basin	McKean	HQ-CWF	None
4—Dutchman Run	Basin	McKean	HQ-CWF	None
4—Dewdrop Run	Basin	Warren	HQ-CWF	None
4—Campbell Run	Basin	Warren	HQ-CWF	None
4—Wolf Run	Basin	Warren	HQ-CWF	None]
<u>4—Tributaries to Kinzua Creek</u>	<u>Basins, Chappel Fork to Mouth</u>	<u>McKean-Warren</u>	<u>HQ-CWF</u>	<u>None</u>
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Kinzua Creek to Jackson Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Jackson Run	Basin	Warren	HQ-CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Jackson Run to Bent Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Bent Run	Basin	Warren	HQ-CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Bent Run to Hemlock Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Hemlock Run	Basin	Warren	HQ-CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Hemlock Run to Browns Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Browns Run	Basin, Source to Dutchman Run	Warren	EV	None
	* * * *	*		
3—Browns Run	Basin, Morrison Run to Mouth	Warren	CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Browns Run to Glade Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Glade Run	Basin, Source to Concrete Channel	Warren	CWF	None
3—Glade Run	Basin, Concrete Channel <u>at 41° 49' 48.1" N; 79° 7' 11.7" W to Mouth</u> , (a distance of approximately 1,500 ft)]	Warren	WWF	None

[3—Ott Run	Basin	Warren	CWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Glade Run to Conewango Creek</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Conewango Creek (NY)				
4—[Unnamed] Tributaries to Conewango Creek	Basins (all sections in PA), Source to PA-NY State Border <u>at 41° 59' 58.6" N; 79° 8' 43.0" W</u>	Warren	CWF	None
[4—Stillwater Creek	Basin (all sections in PA)	Warren	CWF	None
4—Kiantone Creek	Basin (all sections in PA)	Warren	CWF	None]
3—Conewango Creek	Main Stem, PA-NY State Border to Mouth	Warren	WWF	None
4—[Unnamed] Tributaries to Conewango Creek	Basins (all sections in PA), PA-NY State Border to [Mouth]	Warren	CWF	None
	<u>North Branch Akeley Run</u>			
[4—Wiltsie Run	Basin	Warren	CWF	None
4—Storehouse Run	Basin (all sections in PA)	Warren	CWF	None
4—Johnny Run	Basin	Warren	CWF	None]
4—North Branch Akeley Run	[Main Stem] Basin, Source to Vanarsdale Run	Warren	CWF	None
[5—Unnamed Tributaries to North Branch Akeley Run	Basins	Warren	CWF	None]
5—Vanarsdale Run	Basin	Warren	HQ-CWF	None
<u>4—North Branch Akeley Run</u>	<u>Basin, Vanarsdale Run to Mouth</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
<u>4—Tributaries to Conewango Creek</u>	<u>Basins, North Branch Akeley Run to Akeley Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
4—Akeley Run	[Main Stem] Basin, Source to Mill Run	Warren	CWF	None
[5—Unnamed Tributaries to Akeley Run	Basins	Warren	CWF	None
5—Reynolds Run	Basin	Warren	CWF	None]
5—Mill Run	Basin	Warren	HQ-CWF	None
[5—Widdlefield Run	Basin	Warren	CWF	None
5—Wolcott Run	Basin	Warren	CWF	None]
[4—Rhine Run	Basin	Warren	CWF	None
4—Dougherty Run	Basin	Warren	CWF	None
4—Hatch Run	Basin	Warren	CWF	None

4—Jackson Run	Basin	Warren	CWF	None]
[3—Sill Run	Basin	Warren	CWF	None]
<u>4—Akeley Run</u>	<u>Basin, Mill Run to Mouth</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
<u>4—Tributaries to Conewango Creek</u>	<u>Basins, Akeley Run to Mouth</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Conewango Creek to Morse Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Morse Run	Basin	Warren	HQ-CWF	None
[3—Grunder Run	Basin	Warren	CWF	None
3—Scott Run	Basin	Warren	CWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Morse Run to Brokenstraw Creek</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Brokenstraw Creek (NY)				
4—[Unnamed] Tributaries to Brokenstraw Creek	Basins (all sections in PA), Source to PA-NY State Border <u>at 41° 59' 55.7" N; 79° 37' 19.0" W</u>	Erie-Warren	CWF	None
3—Brokenstraw Creek	[Main Stem, PA-NY State Border to Mouth] <u>Basin, PA-NY State Border to Hare Creek</u>	Warren	CWF	None
[4—Unnamed Tributaries to Brokenstraw Creek	Basins (all sections in PA), PA-NY State Border to Mouth	Erie-Warren	CWF	None
4—Coffee Creek	Basin (all sections in PA)	Warren	CWF	None
4—Whites Run	Basin	Warren	CWF	None]
4—Hare Creek	Basin, Source to Scotia Street Bridge [(Corry Borough)] <u>at 41° 56' 30.1" N; 79° 38' 37.3" W</u>	Warren	CWF	None
4—Hare Creek	Main Stem, Scotia Street Bridge to Mouth	Warren	WWF	None
5—[Unnamed] Tributaries to Hare Creek	Basins, Scotia Street Bridge to Mouth	Warren-Erie	CWF	None
[4—Damon Run	Basin	Warren	CWF	None]
<u>3—Brokenstraw Creek</u>	<u>Basin, Hare Creek to Spring Creek</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
4—Spring Creek	Basin	Warren	HQ-CWF	None
[4—Gar Run	Basin	Warren	CWF	None]
<u>3—Brokenstraw Creek</u>	<u>Basin, Spring Creek to Blue Eye Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>

4—Blue Eye Run	Basin, Source to SR 0027 Bridge <u>at 41° 49' 7.9" N; 79° 25' 44.1" W</u>	Warren	EV	None
4—Blue Eye Run	Basin, SR 0027 Bridge to mouth	Warren	CWF	None
[4—Little Brokenstraw Creek	Basin (all sections in PA)	Warren	CWF	None
4—Andrews Run	Basin	Warren	CWF	None
4—Mead Run	Basin	Warren	CWF	None
4—Mathews Run	Basin	Warren	CWF	None
4—Indian Camp Run	Basin	Warren	CWF	None
4—McKinney Run	Basin	Warren	CWF	None
4—Irvine Run	Basin	Warren	CWF	None]
[3—Lenhart Run	Basin	Warren	CWF	None
3—Sulphur Run	Basin	Warren	CWF	None
3—Dunn Run	Basin	Warren	CWF	None
3—Charley Run	Basin	Warren	CWF	None]
<u>3—Brokenstraw Creek</u>	<u>Basin (all sections in PA), Blue Eye Run to Mouth</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Brokenstraw Creek to Hedgehog Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Hedgehog Run	Basin	Warren	HQ-CWF	None
[3—Clark Run	Basin	Warren	CWF	None
3—Dry Run	Basin	Warren	CWF	None
3—Thompson Run	Basin	Warren	CWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Hedgehog Run to Slater Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
3—Slater Run	Basin	Warren	HQ-CWF	None
[3—Little Run	Basin	Warren	CWF	None
3—Conklin Run	Basin	Warren	CWF	None
3—Station Run	Basin	Warren	CWF	None
3—Connelly Run	Basin	Warren	CWF	None
3—Alex Magee Run	Basin	Warren	CWF	None
3—Perry Magee Run	Basin	Warren	CWF	None
3—Waid Run	Basin	Warren	CWF	None
3—Snow Run	Basin	Warren	CWF	None
3—Bimber Run	Basin	Warren	CWF	None
3—Potter Run	Basin	Warren	CWF	None
3—McGuire Run	Basin	Warren	CWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Slater Run to Tidioute Creek</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>

3—Tidioute Creek	Basin, Source to Ben George Reservoir Dam	Warren	HQ-CWF	None
3—Tidioute Creek	Basin, Ben George Reservoir Dam to Mouth	Warren	CWF	None
[3—Gordon Run	Basin	Warren	CWF	None
3—Myers Run	Basin	Warren	CWF	None
3—Grove Run	Basin	Warren	CWF	None
3—Dale Run	Basin	Warren	CWF	None
3—Dunn Run	Basin	Warren	CWF	None
3—Schwab Run	Basin	Forest	CWF	None
3—Jones Run	Basin	Forest	CWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Tidioute Creek to East Hickory Creek</u>	<u>Warren-Forest</u>	<u>CWF</u>	<u>None</u>
3—East Hickory Creek	Basin, Source to Forest Highway 119 at <u>41° 38' 30.9" N; 79° 20' 16.4" W</u>	Warren	EV	None
3—East Hickory Creek	Basin, Forest Highway 119 to Mouth	Forest	HQ-CWF	None
[3—Siggins Run	Basin	Forest	CWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, East Hickory Creek to Little Hickory Run</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
3—Little Hickory Run	Basin	Forest	HQ-CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Little Hickory Run to West Hickory Creek</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
3—West Hickory Creek	Basin, Source to Martin Run	Forest	HQ-CWF	None
4—Martin Run	Basin	Forest	CWF	None
3—West Hickory Creek	Basin, Martin Run to Mouth	Forest	CWF	None
[3—Dawson Run	Basin	Forest	CWF	None
3—Sibbald Run	Basin	Forest	CWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, West Hickory Creek to Tubbs Run</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
3—Tubbs Run	Basin	Forest	HQ-CWF	None
[3—Jamison Run	Basin	Forest	CWF	None
3—Hunter Run	Basin	Forest	CWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Tubbs Run to Tionesta Creek</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
3—Tionesta Creek				
3—West Branch Tionesta Creek	[Main Stem, Source to Farnsworth	Warren	HQ-CWF	None

	<u>Branch] Basin, Source to Wildcat Run</u>			
[4—Unnamed Tributaries to West Branch Tionesta Creek	Basins, Source to Farnsworth Branch	Warren	HQ-CWF	None
4—Tom Run	Basin	Warren	HQ-CWF	None
4—Jones Run	Basin	Warren	HQ-CWF	None
4—Shaw Run	Basin	Warren	HQ-CWF	None]
4—Wildcat Run	Basin	Warren	EV	None
[4—Adams Run	Basin	Warren	HQ-CWF	None
4—Elkhorn Run	Basin	Warren	HQ-CWF	None
4—Mead Run	Basin	Warren	HQ-CWF	None]
<u>3—West Branch Tionesta Creek</u>	<u>Basin, Wildcat Run to Farnsworth Branch</u>	<u>Warren</u>	<u>HQ-CWF</u>	<u>None</u>
4—Farnsworth Branch	Basin	Warren	HQ-CWF	None
4—West Branch Tionesta Creek	[Main Stem, Farnsworth Branch to Confluence with South Branch] <u>Basin, Farnsworth Branch to Arnot Run</u>	[Forest] <u>Warren</u>	CWF	None
[5—Unnamed Tributaries to West Branch Tionesta Creek	Basins, Farnsworth Branch to Confluence with South Branch	Warren	CWF	None
5—Pacard Run	Basin	Warren	CWF	None]
5—Arnot Run	Basin	Warren	EV	None
<u>4—West Branch Tionesta Creek</u>	<u>Basin, Arnot Run to Sixmile Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
5—Sixmile Run	Basin	Warren	HQ-CWF	None
<u>4—West Branch Tionesta Creek</u>	<u>Basin, Sixmile Run to Fourmile Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
5—Fourmile Run	Basin	Warren	HQ-CWF	None
[5—Dunham Run	Basin	Warren	CWF	None]
<u>4—West Branch Tionesta Creek</u>	<u>Basin, Fourmile Run to Twomile Run</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
5—Twomile Run	Basin	Warren	HQ-CWF	None
[5—Dodge Run	Basin	Warren	CWF	None]
<u>4—West Branch Tionesta Creek</u>	<u>Basin, Twomile Run to South Branch Tionesta Creek</u>	<u>Warren</u>	<u>CWF</u>	<u>None</u>
4—South Branch Tionesta Creek	[Main Stem, Source to Confluence with West Branch] <u>Basin, Source to Crane Run</u>	Warren	HQ-CWF	None

[5—UNTs to South Branch Tionesta Creek	Basins	Elk-Forest-Warren	HQ-CWF	None
5—Martin Run	Basin	Elk	HQ-CWF	None
5—Wolf Run	Basin	Elk	HQ-CWF	None
5—Coon Run	Basin	Elk	HQ-CWF	None
5—Chaffee Run	Basin	Elk	HQ-CWF	None]
5—Crane Run	Basin	Elk	EV	None
[5—Iron Run	Basin	Forest	HQ-CWF	None
5—Fork Run	Basin	Forest	HQ-CWF	None
5—Bogus Run	Basin	Forest	HQ-CWF	None
5—Rock Run	Basin	Forest	HQ-CWF	None
5—Tuttle Run	Basin	Forest	HQ-CWF	None
5—Cherry Run	Basin	Warren	HQ-CWF	None
5—Martin Run	Basin	Warren	HQ-CWF	None
5—East Branch Tionesta Creek	Basin	Warren	HQ-CWF	None]
<u>4—South Branch Tionesta Creek</u>	<u>Basin, Crane Run to Mouth</u>	<u>Warren</u>	<u>HQ-CWF</u>	<u>None</u>
3—Tionesta Creek	[Main Stem Confluence of West and South Branches to Mouth] <u>Basin, Confluence of West and South Branches to Messenger Run</u>	[Forest] <u>Warren</u>	CWF	None
[4—Unnamed Tributaries to Tionesta Creek	Basins, Confluence of West and South Branches to Mouth	Warren-Forest	CWF	None
4—Rock Run	Basin	Warren	CWF	None
4—Duck Eddy Run	Basin	Warren	CWF	None
4—Pell Run	Basin	Warren	CWF	None]
4—Messenger Run	Basin	Warren	EV	None
[4—Mead Run	Basin	Warren	CWF	None
4—Thad Shanty Run	Basin	Forest	CWF	None]
<u>3—Tionesta Creek</u>	<u>Basin, Messenger Run to Bluejay Creek</u>	<u>Warren-Forest</u>	<u>CWF</u>	<u>None</u>
4—Bluejay Creek	Basin	Forest	HQ-CWF	None
[4—Rocky Run	Basin	Forest	CWF	None
4—Bush Creek	Basin	Forest	CWF	None
4—Martin Run	Basin	Forest	CWF	None
4—Hastings Run	Basin	Forest	CWF	None
4—Reagan Run	Basin	Forest	CWF	None]
<u>3—Tionesta Creek</u>	<u>Basin, Bluejay Creek to Upper Sheriff Run</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>

4—Upper Sheriff Run	Basin	Forest	HQ-CWF	None
<u>3—Tionesta Creek</u>	<u>Basin, Upper Sheriff Run to Lower Sheriff Run</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
4—Lower Sheriff Run	Basin	Forest	HQ-CWF	None
<u>3—Tionesta Creek</u>	<u>Basin, Lower Sheriff Run to Fools Creek</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
4—Fools Creek	Basin	Forest	HQ-CWF	None
[4—Wildcat Run	Basin	Forest	CWF	None]
<u>3—Tionesta Creek</u>	<u>Basin, Fools Creek to Minister Creek</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
4—Minister [Run] <u>Creek</u>	Basin	Forest	HQ-CWF	None
[4—Porcupine Run	Basin	Forest	CWF	None]
<u>3—Tionesta Creek</u>	<u>Basin, Minister Creek to Blood Run</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
4—Blood Run	Basin	Forest	HQ-CWF	None
<u>3—Tionesta Creek</u>	<u>Basin, Blood Run to Logan Run</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
4—Logan Run	Basin	Forest	CWF	None
[4—Phelps Run	Basin	Forest	CWF	None]
4—Kingsley Run	Basin	Forest	CWF	None]
<u>3—Tionesta Creek</u>	<u>Basin, Logan Run to Bobbs Creek</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
4—Bobbs Creek	Basin	Forest	HQ-CWF	None
[4—Little Minister Run	Basin	Forest	CWF	None]
<u>3—Tionesta Creek</u>	<u>Basin, Bobbs Creek to Fork Run</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
4—Fork Run	Basin	Forest	HQ-CWF	None
<u>3—Tionesta Creek</u>	<u>Basin, Fork Run to Salmon Creek</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
4—Salmon Creek	[Main Stem] <u>Basin, Source to Fourmile Run</u>	Forest	HQ-CWF	None
[5—Unnamed Tributaries to Salmon Creek	Basins	Forest	HQ-CWF	None
5—Little Salmon Creek	Basin	Forest	HQ-CWF	None
5—Guiton Run	Basin	Forest	HQ-CWF	None]
5—Fourmile Run	Basin	Forest	EV	None
[5—Twomile Run	Basin	Forest	HQ-CWF	None]
5—The Branch	Basin	Forest	HQ-CWF	None]
[4—Church Run	Basin	Forest	CWF	None]
4—Carpenter Run	Basin	Forest	CWF	None]
4—Lamentation Run	Basin	Forest	CWF	None]
<u>4—Salmon Creek</u>	<u>Basin, Fourmile Run to Mouth</u>	<u>Forest</u>	<u>HQ-CWF</u>	<u>None</u>

<u>3—Tionesta Creek</u>	<u>Basin, Salmon Creek to Bear Creek</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
4—Bear Creek	Basin	Forest	HQ-CWF	None
<u>3—Tionesta Creek</u>	<u>Basin, Bear Creek to Ross Run</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
4—Ross Run	Basin	Forest	HQ-CWF	None
[4—Jakes Run	Basin	Forest	CWF	None
4—Jug Handle Run	Basin	Forest	CWF	None]
<u>3—Tionesta Creek</u>	<u>Basin, Ross Run to Little Coon Creek</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
4—Little Coon Creek	Basin	Forest	HQ-CWF	None
[4—Coon Creek	Basin	Forest	CWF	None
4—Piney Run	Basin	Forest	CWF	None
4—Sugar Run	Basin	Forest	CWF	None
4—Little Piney Run	Basin	Forest	CWF	None
4—Glasner Run	Basin	Forest	CWF	None
4—Johns Run	Basin	Forest	CWF	None
4—Peters Run	Basin	Forest	CWF	None]
[3—Little Tionesta Creek	Basin	Forest	CWF	None
3—Bates Run	Basin	Forest	CWF	None
3—Indian Camp Creek	Basin	Forest	CWF	None
3—Holeman Run	Basin	Venango	CWF	None
3—Stewart Run	Basin	Venango	CWF	None
3—Fox Run	Basin	Venango	CWF	None
3—Johnston Run	Basin	Venango	CWF	None]
<u>3—Tionesta Creek</u>	<u>Basin, Little Coon Creek to Mouth</u>	<u>Forest</u>	<u>CWF</u>	<u>None</u>
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Tionesta Creek to Hemlock Creek</u>	<u>Forest-Venango</u>	<u>CWF</u>	<u>None</u>
3—Hemlock Creek	Basin	Venango	EV	None
[3—McCrea Run	Basin	Venango	CWF	None
3—Culver Run	Basin	Venango	CWF	None
3—Muskrat Run	Basin	Venango	CWF	None
3—Pithole Creek	Basin	Venango	CWF	None
3—Panther Run	Basin	Venango	CWF	None
3—Lamb Run	Basin	Venango	CWF	None
3—Horse Creek	Basin	Venango	CWF	None
3—Carney Run	Basin	Venango	CWF	None
3—Sage Run	Basin	Venango	CWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Hemlock Creek to Oil Creek</u>	<u>Venango</u>	<u>CWF</u>	<u>None</u>
3—Oil Creek	[Main Stem, Source to Cherrytree Run]	Venango	CWF	None

	<u>Basin, Source to Thompson Creek</u>			
[4—Unnamed Tributaries to Oil Creek	Basins, Source to Cherrytree Run	Crawford-Venango	CWF	None
4—West Shreve Run	Basin	Crawford	CWF	None
4—East Shreve Run	Basin	Crawford	CWF	None
4—Mosey Run	Basin	Crawford	CWF	None
4—Bloomfield Run	Basin	Crawford	CWF	None
4—East Branch Oil Creek	Basin	Crawford	CWF	None
4—Marsh Run	Basin	Crawford	CWF	None]
4—Thompson Creek	Basin, Source to Shirley Run	Crawford	CWF	None
5—Shirley Run	Basin	Crawford	HQ-CWF	None
[4—Church Run	Basin	Crawford	CWF	None]
<u>4—Thompson Creek</u>	<u>Basin, Shirley Run to Mouth</u>	<u>Crawford</u>	<u>CWF</u>	<u>None</u>
<u>3—Oil Creek</u>	<u>Basin, Thompson Creek to Pine Creek</u>	<u>Crawford</u>	<u>CWF</u>	<u>None</u>
4—Pine Creek	Basin, Source to Caldwell Creek	Crawford	HQ-CWF	None
5—Caldwell Creek	Basin, Source to West Branch Caldwell Creek	Warren	HQ-CWF	None
6—West Branch Caldwell Creek	Basin	Warren	EV	None
5—Caldwell Creek	Basin, West Branch Caldwell Creek to Mouth	Crawford	EV	None
4—Pine Creek	Basin, Caldwell Creek to Mouth	Crawford	CWF	None
[4—Benninghof Run	Basin	Venango	CWF	None]
<u>3—Oil Creek</u>	<u>Basin, Pine Creek to Cherrytree Run</u>	<u>Crawford</u>	<u>CWF</u>	<u>None</u>
4—Cherrytree Run	Basin	Venango	CWF	None
3—Oil Creek	Main Stem, Cherrytree Run to Mouth	Venango	WWF	None
4—[Unnamed] Tributaries to Oil Creek	Basins, Cherrytree Run to [Mouth]Cherry Run	Venango	CWF	None
4—Cherry Run	Basin, Source to Rouseville Corporate Boundary <u>at 41° 28' 37.5" N; 79° 40' 47.9" W</u>	Venango	HQ-CWF	None
4—Cherry Run	Basin, Rouseville Corporate Boundary to Mouth	Venango	CWF	None

4—Cornplanter Run	Basin	Venango	CWF	None]
3—Holiday Run	Basin	Venango	CWF	None
3—Charley Run	Basin	Venango	CWF	None
3—Brannon Run	Basin	Venango	CWF	None
3—Seneca Run	Basin	Venango	CWF	None
3—Twomile Run	Basin	Venango	CWF	None]
<u>4—Tributaries to Oil Creek</u>	<u>Basins, Cherry Run to Mouth</u>	<u>Venango</u>	<u>CWF</u>	<u>None</u>
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Oil Creek to French Creek</u>	<u>Venango</u>	<u>CWF</u>	<u>None</u>
3—French Creek (NY)				
4—Unnamed Tributaries to French Creek	Basins (all sections in PA), Source to PA-NY State Border <u>at 42° 1' 12.1" N; 79° 45' 42.7" W</u>	Erie	WWF	None
4—Cutting Brook	Basin (all sections in PA)	Erie	WWF	None
4—Herrick Creek	Basin (all sections in PA)	Erie	WWF	None
3—French Creek	[Main Stem, PA-NY State Border to Mouth] <u>Basin (all sections in PA), PA-NY State Border to Hubble Run</u>	[Venango] <u>Erie</u>	WWF	None
4—Unnamed Tributaries to French Creek	Basins (all sections in PA), PA-NY State Border to Mouth	Erie-Crawford-Venango	WWF	None]
4—Hubble Run	Basin (including the Wattsburg Fen), Source to the 1350 ft Contour Line [(Union City 7 1/2 Quadrangle)] <u>at 41° 58' 10.2" N; 79° 45' 58.7" W</u>	Erie	HQ-WWF	None
4—Hubble Run	Basin, 1350 ft. Contour Line to Mouth	Erie	WWF	None
<u>3—French Creek</u>	<u>Basin, Hubble Run to West Branch French Creek</u>	<u>Erie</u>	<u>WWF</u>	<u>None</u>
4—West Branch French Creek (NY)				

5—[Unnamed] Tributaries to West Branch French Creek	Basins (all sections in PA), Source to PA-NY State Border <u>at 42° 7' 57.8" N; 79° 45' 43.1" W</u>	Erie	WWF	None
4—West Branch French Creek	<u>[Main Stem] Basin (all sections in PA),</u> PA-NY State Border to Mouth	Erie	WWF	None
[5—Unnamed Tributaries to West Branch French Creek	Basins (all sections in PA), PA-NY State Border to Mouth	Erie	WWF	None
5—Darrow Brook	Basin (all sections in PA)	Erie	WWF	None
5—Townley Run	Basin	Erie	WWF	None
5—Alder Brook	Basin	Erie	WWF	None
5—Bailey Brook	Basin	Erie	WWF	None]
<u>3—French Creek</u>	<u>Basin, West Branch French Creek to Lake Pleasant Outlet</u>	<u>Erie</u>	<u>WWF</u>	<u>None</u>
4—Lake Pleasant Outlet	Basin	Erie	HQ-CWF	None
<u>3—French Creek</u>	<u>Basin, Lake Pleasant Outlet to Alder Run</u>	<u>Erie</u>	<u>WWF</u>	<u>None</u>
4—Alder Run	Basin	Erie	CWF	None
<u>3—French Creek</u>	<u>Basin, Alder Run to South Branch French Creek</u>	<u>Erie</u>	<u>WWF</u>	<u>None</u>
4—South Branch French Creek	Basin, Source to Beaver Run	Erie	CWF	None
5—Beaver Run	Basin	Erie	EV	None
4—South Branch French Creek	Basin, Beaver Run to Mouth	Erie	CWF	None
[4—Wheeler Creek	Basin	Erie	WWF	None]
<u>3—French Creek</u>	<u>Basin, South Branch French Creek to Le Boeuf Creek</u>	<u>Erie</u>	<u>WWF</u>	<u>None</u>
4—Le Boeuf Creek	Basin, Source to Trout Run	Erie	TSF	None
5—Trout Run	Basin	Erie	HQ-CWF	None
4—LeBoeuf Creek	Basin, Trout Run to Mouth	Erie	TSF	None
<u>3—French Creek</u>	<u>Basin, Le Boeuf Creek to Campbell Run</u>	<u>Erie-Crawford</u>	<u>WWF</u>	<u>None</u>
4—Campbell Run	Basin	Crawford	TSF	None
<u>3—French Creek</u>	<u>Basin, Campbell Run to Kelly Run</u>	<u>Crawford</u>	<u>WWF</u>	<u>None</u>

4—Kelly Run	Basin	Crawford	HQ-CWF	None
<u>3—French Creek</u>	<u>Basin, Kelly Run to Muddy Creek</u>	<u>Crawford</u>	<u>WWF</u>	<u>None</u>
4—Muddy Creek	Basin, Source to East Branch Muddy Creek	Crawford	HQ-CWF	None
5—East Branch Muddy Creek	Basin	Crawford	HQ-CWF	None
4—Muddy Creek	Main Stem, East Branch Muddy Creek to Mackey Run	Crawford	HQ-TSF	None
5—[Unnamed] Tributaries to Muddy Creek	Basins, East Branch Muddy Creek to Mackey Run	Crawford	HQ-CWF	None
[5—Federal Run	Basin	Crawford	HQ-CWF	None]
5—Mackey Run	Basin	Crawford	HQ-CWF	None
4—Muddy Creek	Basin, Mackey Run to Mouth	Crawford	HQ-TSF	None
[4—Mohawk Run	Basin	Crawford	WWF	None]
<u>3—French Creek</u>	<u>Basin, Muddy Creek to Conneauttee Creek</u>	<u>Crawford</u>	<u>WWF</u>	<u>None</u>
4—Conneauttee Creek	Basins, Source to Outlet of Edinboro Lake	Erie	WWF	None
4—Conneauttee Creek	Main Stem, Outlet of Edinboro Lake to Erie-Crawford County Border <u>at 41° 50' 58.9" N; 80° 5' 50.2" W</u>	Erie-Crawford	TSF	None
5—[Unnamed] Tributaries to Conneauttee Creek	Basins, Outlet of Edinboro Lake to Erie-Crawford County Border	Erie	WWF	None
[5—Darrows Creek	Basin	Crawford	WWF	None]
4—Conneauttee Creek	[Main Stem, Erie-Crawford County Border to Mouth] <u>Basin, Erie-Crawford County Border to Little Conneauttee Creek</u>	Crawford	WWF	None
[5—Unnamed Tributaries to Conneauttee Creek	Basins, Erie-Crawford County Border to Mouth	Crawford	WWF	None
5—Torry Run	Basin	Crawford	WWF	None]
5—Little Conneauttee Creek	Basin	Crawford	CWF	None

<u>4—Conneauttee Creek</u>	<u>Basin, Little Conneauttee Creek to Mouth</u>	<u>Crawford</u>	<u>WWF</u>	<u>None</u>
[4—Boles Run	Basin	Crawford	WWF	None
4—Gravel Run	Basin	Crawford	WWF	None
4—Wolf Run	Basin	Crawford	WWF	None]
<u>3—French Creek</u>	<u>Basin, Conneauttee Creek to Woodcock Creek</u>	<u>Crawford</u>	<u>WWF</u>	<u>None</u>
4—Woodcock Creek	Basin, Source to Woodcock Creek Reservoir Dam	Crawford	HQ-CWF	None
4—Woodcock Creek	Basin, Woodcock Reservoir Dam to Mouth	Crawford	CWF	None
[4—Cussewago Creek	Basin	Crawford	WWF	None
4—Van Horne Creek	Basin	Crawford	WWF	None]
<u>3—French Creek</u>	<u>Basin, Woodcock Creek to Conneaut Outlet</u>	<u>Crawford</u>	<u>WWF</u>	<u>None</u>
4—Conneaut Outlet	Basin, Source to Conneaut Lake Dam	Crawford	HQ-WWF	None
4—Conneaut Outlet	Basin, Conneaut Lake Dam to Mouth	Crawford	WWF	None
<u>3—French Creek</u>	<u>Basin, Conneaut Outlet to Little Sugar Creek</u>	<u>Crawford</u>	<u>WWF</u>	<u>None</u>
4—Little Sugar Creek	Basin	Crawford	CWF	None
[4—Foulk Run	Basin	Mercer	WWF	None
4—Powdermill Run	Basin	Mercer	WWF	None
4—North Deer Creek	Basin	Mercer	WWF	None]
<u>3—French Creek</u>	<u>Basin, Little Sugar Creek to McCune Run</u>	<u>Crawford-Mercer-Venango</u>	<u>WWF</u>	<u>None</u>
4—McCune Run	Basin	Venango	CWF	None
<u>3—French Creek</u>	<u>Basin, McCune Run to Mill Creek</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
4—Mill Creek	Basin	Venango	CWF	None
<u>3—French Creek</u>	<u>Basin, Mill Creek to Sugar Creek</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
4—Sugar Creek	Basin, Source to East Branch Sugar Creek [(RM 17.0)] at <u>41° 36' 13.8" N; 79° 51' 7.7" W</u>	Crawford	CWF	None
5—East Branch Sugar Creek	Basin, Source to SR 0428 Bridge at <u>41° 38'</u>	Crawford	CWF	None

28.9" N; 79° 49'
20.0" W

5—East Branch Sugar Creek	Basin, SR 0428 Bridge to Mouth	Crawford	HQ-CWF	None
4—Sugar Creek	Basin, East Branch Sugar Creek to Mouth	Venango	CWF	None
<u>[4—Patchel Run</u>	<u>Basin</u>	<u>Venango</u>	<u>WWF</u>	<u>None]</u>
<u>3—French Creek</u>	<u>Basin, Sugar Creek to Mouth</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—[Unnamed] Tributaries to Allegheny River	Basins, French Creek to [RM 106.70]	Venango	WWF	None
3—Lower Twomile Run	Basin	Venango	CWF	None
<u>[3—Siefer Run</u>	<u>Basin</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
<u>3—Ajax Run</u>	<u>Basin</u>	<u>Venango</u>	<u>WWF</u>	<u>None]</u>
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Lower Twomile Run to East Sandy Creek</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—East Sandy Creek	Basin	Venango	CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, East Sandy Creek to Snyder Run</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—Snyder Run	Basin	Venango	CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Snyder Run to Sandy Creek</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—Sandy Creek	Main Stem * * * *	Venango	WWF	None
4—Ditzenberger Run	Basin	Venango	WWF	None
<u>[3—Clark Run</u>	<u>Basin</u>	<u>Venango</u>	<u>WWF</u>	<u>None]</u>
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Sandy Creek to Pine Hill Run</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—Pine Hill Run	Basin	Venango	CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Pine Hill Run to Dennison Run</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—Dennison Run	Basin	Venango	EV	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Dennison Run to Scrubgrass Creek</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—Scrubgrass Creek	Basin	Venango	CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Scrubgrass Creek to UNT 51240 at 41° 15' 41.8" N, 79° 49' 53.7" W</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—[Unnamed Tributary to Allegheny River at RM 106.70] <u>UNT 51240</u>	Basin	Venango	CWF	None

[3—Unnamed Tributaries to Allegheny River	Basins, RM 106.70 to Clarion River	Venango-Clarion	WWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, UNT 51240 to Roberts Run</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—Roberts Run	Basin	Venango	CWF	None
[3—Falling Spring Run	Basin	Venango	WWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Roberts Run to Whitherup Run</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—Whitherup Run	Basin	Venango	CWF	None
[3—Perry Run	Basin	Venango	WWF	None
3—Whann Run	Basin	Venango	WWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Whitherup Run to Little Scrubgrass Creek</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—Little Scrubgrass Creek	Basin	Venango	CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Little Scrubgrass Creek to Shull Run</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—Shull Run	Basin	Venango	CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Shull Run to Mill Creek</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—Mill Creek	Basin	Venango	CWF	None
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Mill Creek to Richey Run</u>	<u>Venango</u>	<u>WWF</u>	<u>None</u>
3—Richey Run	Basin	Clarion-Venango	CWF	None
[3—Lowrey Run	Basin	Butler	WWF	None
3—Fowler Run	Basin	Armstrong	WWF	None]
<u>3—Tributaries to Allegheny River</u>	<u>Basins, Richey Run to Clarion River</u>	<u>Venango-Clarion</u>	<u>WWF</u>	<u>None</u>

§ 93.9r. Drainage List R.

Ohio River Basin in Pennsylvania
Clarion River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
1—Ohio River				
2—Allegheny River				
3—Clarion River				

4—East Branch Clarion River	Basin, Source to Confluence with West Branch	Elk	HQ-CWF	None
4—West Branch Clarion River	[Main Stem, Source to Confluence with East Branch] Basin, Source to Wolf Run	Elk	CWF	None
[5—Unnamed Tributaries to West Branch Clarion River	Basins, Source to Confluence with East Branch	McKean-Elk	CWF	None
5—Windfall Run	Basin	McKean	CWF	None
5—Sicily Run	Basin	McKean	CWF	None
5—Buck Run	Basin	McKean	CWF	None
5—Rocky Run	Basin	Elk	CWF	None
5—Nearing Run	Basin	Elk	CWF	None
5—Wilson Run	Basin	Elk	CWF	None
5—Oil Creek	Basin	Elk	CWF	None]
5—Wolf Run	Basin	Elk	HQ-CWF	None
[5—Meffert Creek	Basin	Elk	CWF	None]
<u>4—West Branch Clarion River</u>	<u>Basin, Wolf Run to Silver Creek</u>	<u>Elk</u>	<u>CWF</u>	<u>None</u>
5—Silver Creek	Basin	Elk	HQ-CWF	None
<u>4—West Branch Clarion River</u>	<u>Basin, Silver Creek to Confluence with East Branch</u>	<u>Elk</u>	<u>CWF</u>	<u>None</u>
3—Clarion River	[Main Stem, Confluence of East and West Branches to Inlet of Piney Lake at RM 37.4] Basin, Confluence of East and West Branches to Riley Run	[Clarion] Elk	CWF	None
[4—Unnamed Tributaries to Clarion River	Basins, Confluence of East and West Branches to Inlet of Piney Lake at RM 37.4	Elk-Forest-Jefferson-Clarion	CWF	None
4—Johnson Run	Basin	Elk	CWF	None
4—Powers Run	Basin	Elk	CWF	None]
4—Riley Run	Basin	Elk	WWF	None
<u>3—Clarion River</u>	<u>Basin, Riley Run to Little Mill Creek</u>	<u>Elk</u>	<u>CWF</u>	<u>None</u>
4—Little Mill Creek	Basin	Elk	HQ-CWF	None
[4—Mason Creek	Basin	Elk	CWF	None
4—Elk Creek	Basin	Elk	CWF	None

4—Island Run	Basin	Elk	CWF	None]
<u>3—Clarion River</u>	<u>Basin, Little Mill Creek to Big Mill Creek</u>	<u>Elk</u>	<u>CWF</u>	<u>None</u>
4—Big Mill Creek	Basin	Elk	HQ-CWF	None
[4—Connerville Run	Basin	Elk	CWF	None
4—Dog Hollow Run	Basin	Elk	CWF	None
4—Gillis Run	Basin	Elk	CWF	None]
<u>3—Clarion River</u>	<u>Basin, Big Mill Creek to Little Toby Creek</u>	<u>Elk</u>	<u>CWF</u>	<u>None</u>
4—Little Toby Creek	[Main Stem] <u>Basin, Source to Sawmill Run</u>	Elk	CWF	None
[5—Unnamed Tributaries to Little Toby Creek	Basins	Elk-Jefferson	CWF	None
5—Limestone Run	Basin	Elk	CWF	None
5—Kyler Run	Basin	Elk	CWF	None
5—McCauley Run	Basin	Elk	CWF	None]
5—Sawmill Run	Main Stem	Elk	CWF	None
6—Unnamed Tributaries to Sawmill Run	Basins	Elk	CWF	None
6—[Lost Run] <u>UNT 50397 at 41° 17' 39.8" N; 78° 38' 6.3" W (locally known as Lost Run)</u>	Basin, Source to Fox Township Municipal Authority Dam	Elk	HQ-CWF	None
6—[Lost Run] <u>UNT 50397</u>	Basin, Fox Township Municipal Authority Dam to Mouth	Elk	CWF	None
[5—Brandy Camp Creek	Basin	Elk	CWF	None
5—Johnson Run	Basin	Elk	CWF	None
5—Bear Run	Basin	Elk	CWF	None
5—Oyster Run	Basin	Elk	CWF	None
5—Mead Run	Basin	Elk	CWF	None]
<u>4—Little Toby Creek</u>	<u>Basin, Sawmill Run to Boggy Run</u>	<u>Elk</u>	<u>CWF</u>	<u>None</u>
5—Boggy Run	Basin	Elk	HQ-CWF	None
<u>4—Little Toby Creek</u>	<u>Basin, Boggy Run to Whetstone Branch</u>	<u>Elk</u>	<u>CWF</u>	<u>None</u>
5—Whetstone Branch	Basin, Source to Brockway Municipal Authority No. 1 Dam	Elk	HQ-CWF	None
5—Whetstone Branch	Basin, Brockway Municipal Authority No. 1 Dam to Mouth	Elk	CWF	None
[5—Walburn Run	Basin	Jefferson	CWF	None]

<u>4—Little Toby Creek</u>	<u>Basin, Whetstone Branch to Rattlesnake Creek</u>	<u>Jefferson</u>	<u>CWF</u>	<u>None</u>
5—Rattlesnake Creek	Basin, Source to Brockway Municipal Authority Dam	Jefferson	HQ-CWF	None
5—Rattlesnake Creek	Basin, Brockway Municipal Authority Dam to Mouth	Jefferson	CWF	None
[5—Baghdad Run	Basin	Jefferson	CWF	None
5—Jenkins Run	Basin	Jefferson	CWF	None
5—Little Vineyard Run	Basin	Jefferson	CWF	None]
<u>4—Little Toby Creek</u>	<u>Basin, Rattlesnake Creek to Vineyard Run</u>	<u>Jefferson</u>	<u>CWF</u>	<u>None</u>
5—Vineyard Run	Basin	Elk	HQ-CWF	None
[5—Coward Run	Basin	Elk	CWF	None
5—Laurel Run	Basin	Elk	CWF	None
5—Bearmouth Run	Basin	Elk	CWF	None]
<u>4—Little Toby Creek</u>	<u>Basin, Vineyard Run to Mouth</u>	<u>Jefferson</u>	<u>CWF</u>	<u>None</u>
<u>3—Clarion River</u>	<u>Basin, Little Toby Creek to Bear Creek</u>	<u>Elk</u>	<u>CWF</u>	<u>None</u>
4—Bear Creek	Basin	Elk	HQ-CWF	None
[4—Mahood Run	Basin	Elk	CWF	None
4—Beech Bottom Run	Basin	Elk	CWF	None
4—Lake City Run	Basin	Elk	CWF	None]
[4—Cole Run	Main Stem	Elk	CWF	None
5—Unnamed Tributaries to Cole Run	Basins	Elk	CWF	None]
<u>3—Clarion River</u>	<u>Basin, Bear Creek to Crow Run</u>	<u>Elk</u>	<u>CWF</u>	<u>None</u>
[5] <u>4—Crow Run</u>	<u>Basin, Source to Cole Run</u>	<u>Elk</u>	<u>HQ-CWF</u>	<u>None</u>
[4—Irwin Run	Basin	Elk	CWF	None]
<u>5—Cole Run</u>	<u>Basin</u>	<u>Elk</u>	<u>CWF</u>	<u>None</u>
<u>4—Crow Run</u>	<u>Basin, Cole Run to Mouth</u>	<u>Elk</u>	<u>HQ-CWF</u>	<u>None</u>
<u>3—Clarion River</u>	<u>Basin, Crow Run to Spring Creek</u>	<u>Elk</u>	<u>CWF</u>	<u>None</u>
4—Spring Creek	Basin	Elk	HQ-CWF	None
<u>3—Clarion River</u>	<u>Basin, Spring Creek to Maxwell Run</u>	<u>Elk</u>	<u>CWF</u>	<u>None</u>
4—Maxwell Run	Basin	Elk	HQ-CWF	None
[4—Elliott Run	Basin	Elk	CWF	None

4—Daugherty Run	Basin	Jefferson	CWF	None
4—Raught Run	Basin	Elk	CWF	None
4—Painter Run	Basin	Elk	CWF	None
4—Church Run	Basin	Elk	CWF	None]
<u>3—Clarion River</u>	<u>Basin, Maxwell Run to Callen Run</u>	<u>Elk-Jefferson</u>	<u>CWF</u>	<u>None</u>
4—Callen Run	Basin	Jefferson	HQ-CWF	None
[4—Cline Run	Basin	Elk	CWF	None]
<u>3—Clarion River</u>	<u>Basin, Callen Run to Wyncoop Run</u>	<u>Elk-Jefferson</u>	<u>CWF</u>	<u>None</u>
4—Wyncoop Run	Basin	Elk	HQ-CWF	None
[4—Leeper Run	Basin	Elk	CWF	None
4—Pine Run	Basin	Elk	CWF	None]
<u>3—Clarion River</u>	<u>Basin, Wyncoop Run to Mill Stone Creek</u>	<u>Elk-Jefferson</u>	<u>CWF</u>	<u>None</u>
4—Mill Stone Creek	Basin	Elk	HQ-CWF	None
[4—Shippen Run	Basin	Forest	CWF	None]
<u>3—Clarion River</u>	<u>Basin, Mill Stone Creek to Clear Creek</u>	<u>Elk-Jefferson-Forest</u>	<u>CWF</u>	<u>None</u>
4—Clear Creek	Basin	Jefferson	HQ-CWF	None
[4—Tadler Run	Basin	Jefferson	CWF	None]
<u>3—Clarion River</u>	<u>Basin, Clear Creek to Cherry Run</u>	<u>Jefferson-Forest</u>	<u>CWF</u>	<u>None</u>
4—Cherry Run	Basin	Forest	HQ-CWF	None
<u>3—Clarion River</u>	<u>Basin, Cherry Run to Maple Creek</u>	<u>Jefferson-Forest</u>	<u>CWF</u>	<u>None</u>
4—Maple Creek	Basin	Forest	HQ-CWF	None
<u>3—Clarion River</u>	<u>Basin, Maple Creek to Coleman Run</u>	<u>Jefferson-Forest</u>	<u>CWF</u>	<u>None</u>
4—Coleman Run	Basin	Forest	HQ-CWF	None
<u>3—Clarion River</u>	<u>Basin, Coleman Run to Troutman Run</u>	<u>Jefferson-Forest</u>	<u>CWF</u>	<u>None</u>
4—Troutman Run	Basin	Forest	HQ-CWF	None
[4—Henry Run	Basin	Forest	CWF	None]
<u>3—Clarion River</u>	<u>Basin, Troutman Run to Toms Run</u>	<u>Jefferson-Forest</u>	<u>CWF</u>	<u>None</u>
4—Toms Run	Basin, Source to Little Hefren Run	Clarion	EV	None
5—Little Hefren Run	Basin	Clarion	CWF	None
4—Toms Run	Basin, Little Hefren Run to Mouth	Forest	EV	None
<u>3—Clarion River</u>	<u>Basin, Toms Run to Cathers Run</u>	<u>Jefferson-Clarion</u>	<u>CWF</u>	<u>None</u>
4—[Cather]Cathers Run	Basin	Clarion	HQ-CWF	None

<u>3—Clarion River</u>	<u>Basin, Cathers Run to Maxwell Run</u>	<u>Clarion</u>	<u>CWF</u>	<u>None</u>
4—Maxwell Run	Basin	Clarion	HQ-CWF	None
<u>3—Clarion River</u>	<u>Basin, Maxwell Run to Blyson Run</u>	<u>Clarion</u>	<u>CWF</u>	<u>None</u>
4—Blyson Run	Basin	Clarion	EV	None
<u>3—Clarion River</u>	<u>Basin, Blyson Run to Inlet of Piney Lake at 41° 14' 11.6" N, 79° 19' 21.3" W</u>	<u>Clarion</u>	<u>CWF</u>	<u>None</u>
3—Clarion River	Main Stem, Inlet of Piney Lake at [RM 37.4] at <u>41° 14' 11.6" N, 79° 19' 21.3" W</u> to Mouth	Clarion	WWF	None
4—[Unnamed] Tributaries to Clarion River	Basins, Inlet of Piney Lake at [RM 37.4 to Mouth] at <u>41° 14' 11.6" N, 79° 19' 21.3" W to Mill Creek</u>	Clarion	CWF	None
4—Mill Creek	[Main Stem, Source to Little Mill Creek] <u>Basin, Source to McCanna Run</u>	Clarion	HQ-CWF	None
[5—Unnamed Tributaries to Mill Creek	Basins, Source to Little Mill Creek	Clarion-Jefferson	HQ-CWF	None
4—Mill Creek				
5—Parks Run	Basin	Jefferson	HQ-CWF	None
5—Martin Run	Basin	Jefferson	HQ-CWF	None
5—Rankin Run	Basin	Jefferson	HQ-CWF	None
5—Updike Run	Basin	Jefferson	HQ-CWF	None]
5—McCanna Run (Pendleton Run)	Basin	Clarion	EV	None
<u>4—Mill Creek</u>	<u>Basin, McCanna Run to Little Mill Creek</u>	<u>Clarion</u>	<u>HQ-CWF</u>	<u>None</u>
5—Little Mill Creek	Basin	Clarion	CWF	None
4—Mill Creek	Main Stem, Little Mill Creek to Mouth	Clarion	CWF	None
5—Unnamed Tributaries to Mill Creek	Basins, Little Mill Creek to Mouth	Clarion	HQ-CWF	None
5—Douglass Run	Basin	Clarion	CWF	None
5—Woods Run	Basin	Clarion	HQ-CWF	None
5—Stroup Run	Basin	Clarion	HQ-CWF	None
5—Trap Run	Basin	Clarion	HQ-CWF	None
5—Whites Run	Basin	Clarion	CWF	None

[4—Reeds Run	Basin	Clarion	CWF	None
4—Toby Creek	Basin	Clarion	CWF	None
4—Trout Run	Basin	Clarion	CWF	None
4—Courtleys Run	Basin	Clarion	CWF	None
4—Piney Creek	Basin	Clarion	CWF	None
4—Deer Creek	Basin	Clarion	CWF	None]
<u>4—Tributaries to Clarion River</u>	<u>Basins, Mill Creek to Canoe Creek</u>	<u>Clarion</u>	<u>CWF</u>	<u>None</u>
4—Canoe Creek	Basin	Clarion	HQ-CWF	None
<u>4—Tributaries to Clarion River</u>	<u>Basins, Canoe Creek to Beaver Creek</u>	<u>Clarion</u>	<u>CWF</u>	<u>None</u>
4—Beaver Creek	Basin	Clarion	HQ-CWF	None
[4—Licking Creek	Basin	Clarion	CWF	None]
<u>4—Tributaries to Clarion River</u>	<u>Basins, Beaver Creek to Turkey Creek</u>	<u>Clarion</u>	<u>CWF</u>	<u>None</u>
4—Turkey Creek	Basin	Clarion	HQ-CWF	None
<u>4—Tributaries to Clarion River</u>	<u>Basins, Turkey Creek to Mouth</u>	<u>Clarion</u>	<u>CWF</u>	<u>None</u>

§ 93.9s. Drainage List S.

Ohio River Basin in Pennsylvania *Allegheny River*

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
3—Mahoning Creek	Main Stem, Confluence of East Branch Mahoning Creek and Stump Creek to Mouth	Jefferson	WWF	None
4—Unnamed Tributaries to Mahoning Creek	Basins, Confluence to East Branch Mahoning Creek and Stump Creek to Mouth	Jefferson- Indiana- Armstrong	CWF	None
4—Big Run	Basin	Jefferson	CWF	None
4—Rock Run	Basin	Jefferson	CWF	None
<u>4—Graffius Run</u>	<u>Basin</u>	<u>Jefferson</u>	<u>CWF</u>	<u>None</u>
<u>4—Jackson Run</u>	<u>Basin</u>	<u>Jefferson</u>	<u>CWF</u>	<u>None</u>
4—Canoe Creek	Basin	Jefferson	CWF	None

	* * * * *			
4—Cathcart Run	Basin	Armstrong	CWF	None
<u>4—Hamilton Run</u>	<u>Basin</u>	<u>Armstrong</u>	<u>CWF</u>	<u>None</u>
<u>4—Cave Run</u>	<u>Basin</u>	<u>Armstrong</u>	<u>CWF</u>	<u>None</u>
4—Scrubgrass Creek	Basin	Armstrong	CWF	None
<u>3—Wiskey Creek</u>	<u>Basin</u>	<u>Armstrong</u>	<u>WWF</u>	<u>None</u>
3—Pine Creek	Basin	Armstrong	HQ-CWF	None
3—Hays Run	Basin	Armstrong	WWF	None
3—Limestone Run	Basin	Armstrong	WWF	None
3—Cowanshannock Creek	Basin, Source to Huskins Run	Armstrong	WWF	None
4—Huskins Run	Basin	Armstrong	WWF	None
3—Cowanshannock Creek	Main Stem, Huskins Run to Mouth	Armstrong	TSF	None
4—[Unnamed] Tributaries to Cowanshannock Creek	Basins, Huskins Run to Mouth	Armstrong	WWF	None
3—Garretts Run	Basin	Armstrong	WWF	None
	* * * * *			

§ 93.9t. Drainage List T.

Ohio River Basin in Pennsylvania *Kiskiminetas River*

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
	* * * * *			
6—Quemahoning Creek	Main Stem	Somerset	CWF	None
7—Unnamed Tributaries to Quemahoning Creek	Basins	Somerset	CWF	None
<u>7—Hoffman Run</u>	<u>Basin</u>	<u>Somerset</u>	<u>CWF</u>	<u>None</u>
7—North Branch Quemahoning Creek	Main Stem	Somerset	CWF	None
	* * * * *			
7—Spruce Run	Basin	Somerset	CWF	None
<u>6—Kaufman Run</u>	<u>Basin</u>	<u>Somerset</u>	<u>CWF</u>	<u>None</u>
6—Paint Creek	Main Stem, Source to Little Paint Creek	Cambria- Somerset	CWF	None
	* * * * *			
6—Spring Run	Basin	Cambria	CWF	None
[6—Trout Run	<u>Basin</u>	<u>Cambria</u>	<u>CWF</u>	<u>None]</u>
<u>6—Kane Run</u>	<u>Basin</u>	<u>Cambria</u>	<u>CWF</u>	<u>None</u>

6—North Branch Little Conemaugh River	Basin	Cambria	CWF	None
	* * * *	*		
6—Unnamed Tributaries to McGee Run	Basins, Farthest Upstream Crossing of Derry Borough Border to Mouth	Westmoreland	CWF	None
<u>6—Hillside Run</u>	<u>Basin</u>	<u>Westmoreland</u>	<u>CWF</u>	<u>None</u>
6—Trout Run	Basin, Source to inlet of Blairsville Reservoir	Westmoreland	EV	None
	* * * *	*		

§ 93.9v. Drainage List V.

Ohio River Basin in Pennsylvania
Monongahela River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
	* * * *	*		
5—Tub Mill Run	Basin	Somerset	CWF	None
5—Piney Creek	<u>[Main Stem] Basin</u> (all Sections in PA)	Somerset	CWF	None
<u>[6—Unnamed Tributaries to Piney Creek</u>	<u>Basins (all Sections in PA)</u>	<u>Somerset</u>	<u>CWF</u>	<u>None</u>
6—Little Piney Creek	Basin	Somerset	CWF	None]
<u>5—Miller Run</u>	<u>Basin</u>	<u>Somerset</u>	<u>CWF</u>	<u>None</u>
5—Flaugherty Creek	Basin	Somerset	CWF	None
	* * * *	*		
7—Unnamed Tributaries to East Branch Coxes Creek	Basins, PA 281 <u>at 40° 0' 43.8" N; 79° 4' 27.5" W</u> to Confluence with West Branch	Somerset	TSF	None
<u>7—Parsons Run</u>	<u>Basin</u>	<u>Somerset</u>	<u>TSF</u>	<u>None</u>
7—Kimberly Run	Basin	Somerset	CWF	None
	* * * *	*		
6—Laurel Run	Basin	Somerset	WWF	None
<u>6—Rice Run</u>	<u>Basin</u>	<u>Somerset</u>	<u>WWF</u>	<u>None</u>
6—Wilson Creek	Basin	Somerset	WWF	None
	* * * *	*		
6—Isers Run	Basin	Somerset	EV	None

<u>5—Lost Run</u>	<u>Basin</u>	<u>Somerset</u>	<u>WWF</u>	<u>None</u>
5—McClintock Run	Basin	Somerset	CWF	None
	* * * *	*		

§ 93.9w. Drainage List W.

Ohio River Basin in Pennsylvania

Ohio River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
	* * * *	*		
3—Shenango River	Main Stem, Shenango Reservoir Dam to Point 1.0 River Mile Downstream	Mercer	TSF	None
4—Unnamed Tributaries to Shenango River	Basins, Shenango Reservoir Dam to Point 1.0 River Mile Downstream	Mercer	CWF	None
3—Shenango River	Main Stem (all sections in PA), 1.0 River Mile Downstream of Shenango Reservoir Dam to Confluence with Mahoning River	Lawrence	WWF	None
4—Unnamed Tributaries to [Shanango] <u>Shenango</u> River	Basins (all sections in PA), 1.0 River Mile Downstream of Shenango Reservoir Dam to Confluence with Mahoning River	Mercer-Lawrence	WWF	None
4—McCullough Run	Basin (all sections in PA)	Mercer	WWF	None
4—Thornton Run	Basin	Mercer	WWF	None
	* * * *	*		

§ 93.9x. Drainage List X.

Lake Erie

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
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1—Lake Erie	All sections of lake in PA except Outer Erie Harbor and Presque Isle Bay	Erie	CWF	<i>Delete</i> Fe[,DO ₁ and Bac ₁] and DO₁ See GLWQA [Add E. coli per 40 CFR 131.41 (Except (f)) and See 28 Pa. Code § 18.28(b)(2) and (3)]
1—Lake Erie (Outer Erie Harbor and Presque Isle Bay)	Portion of lake bordered by Presque Isle on west, longitude 80° 01' 50" on east, and latitude 42° 10' 18" on north, except harbor area and central channel dredged and maintained by United States Army Corps of Engineers	Erie	WWF	<i>Delete</i> pH <i>Add</i> pH between 7 and 9 [Add E. coli per 40 CFR 131.41 (Except (f)) and See 28 Pa. Code § 18.28(b)(2) and (3)]

The following criterion is specific to Lake Erie (Outer Erie Harbor and Presque Isle Bay) waters in the Harbor area and central channel dredged and maintained by United States Army Corps of Engineers, based on special studies.

<u>Parameter</u>	<u>Symbol</u>	<u>Criteria</u>	<u>Critical Use*</u>
<u>Bacteria</u>	<u>Bac₂</u>	<u>(Coliforms/100 ml)—Maximum of 5,000/100 ml as a monthly average value, no more than this number in more than 20% of the samples collected during a month, nor more than 20,000/100 ml in more than 5% of the samples.</u>	<u>PWS</u>
1—Lake Erie (Outer Erie Harbor and Presque Isle Bay)		Harbor area and central channel dredged and maintained by United States Army Corps of Engineers	Erie WWF, <i>Delete</i> WC <i>Delete</i> pH and Bac ₁ <i>Add</i> pH between 7 and 9, Bac ₂
2—Unnamed Tributaries to Lake Erie		Basins (all sections in PA), PA-OH State Border to Presque Isle * * * * *	Erie CWF, MF None

§ 93.9z. Drainage List Z.

Potomac River Basin in Pennsylvania

Potomac River

Stream	Zone	County	Water Uses Protected	Exceptions To Specific Criteria
	* * * * *			
3—Little Wills Creek	Basin	Somerset	HQ-CWF, MF	None
<u>3—Thompson Run</u>	<u>Basin</u>	<u>Somerset</u>	<u>HQ-CWF,</u> <u>MF</u>	<u>None</u>
3—Gladdens Run	Basin	Somerset	HQ-CWF, MF	None
	* * * * *			