

(g) In those cases in which a thermal discharge is involved, the procedures for reclassifying segments for less restrictive use shall be consistent with section 316 of the Federal Clean Water Act.

Amended by R.1998 d.234, effective May 18, 1998.
See: 29 N.J.R. 5128(a), 30 N.J.R. 1778(a).
Rewrote (a).

7:9B-1.11 Procedures for reclassifying specific segments for more restrictive uses

(a) The Department will entertain petitions, for reclassification of specific segments, pursuant to (e) below, or may decide to initiate reclassification proceedings on its own, at any time.

(b) The Department may entertain petitions for reclassification of specific segments, pursuant to (f) below, at any time.

(c) Documentation supporting the petition for reclassification for more restrictive use(s) shall be prepared by the petitioner for such reclassification, where one exists, or by the Department, where it decides to initiate such reclassification on its own.

(d) The Department shall issue public notice to all interested parties (including affected municipalities and dischargers) and shall hold public hearing(s) as part of any reclassification proceeding.

(e) A reclassification for more restrictive uses shall be made whenever:

1. It is demonstrated to the satisfaction of the Department that there are existing uses of the specific segment that are not included in the designated uses; or
2. Where a reclassification for less restrictive uses has been granted pursuant to N.J.A.C. 7:9B-1.10, the bases for the reclassification no longer exist; or
3. It is demonstrated to the satisfaction of the Department that any uses in Section 101(a)(2) of the Federal Clean Water Act, protection and propagation of fish, shellfish, and wildlife, and recreation in and on the water, which are not included in the designated uses listed in this subchapter are attainable.

(f) A reclassification for more restrictive uses may be made when:

1. It is demonstrated to the satisfaction of the Department that the waters should be set aside to represent the natural aquatic environment and its associated biota; or
2. It is demonstrated to the satisfaction of the Department that a more restrictive use is necessary to protect a unique ecological system or threatened/endangered species.

(g) In those cases in which a thermal discharge is involved, the procedures for reclassifying segments for more restrictive uses shall be consistent with section 316 of the Federal Clean Water Act.

Amended by R.1993 d.610, effective December 6, 1993.
See: 24 N.J.R. 3983(a), 25 N.J.R. 5569(a).
Amended by R.1998 d.234, effective May 18, 1998.
See: 29 N.J.R. 5128(a), 30 N.J.R. 1778(a).

In (a), deleted "sponsored or endorsed by County or Municipal Governing Bodies" following "entertain petitions".

7:9B-1.12 Designated uses of FW1, PL, FW2, SE1, SE2, SE3, and SC waters

(a) In all FW1 waters the designated uses are:

1. Set aside for posterity to represent the natural aquatic environment and its associated biota;
2. Primary and secondary contact recreation;
3. Maintenance, migration and propagation of the natural and established aquatic biota; and
4. Any other reasonable uses.

(b) In all PL waters the designated uses are:

1. Cranberry bog water supply and other agricultural uses;
2. Maintenance, migration and propagation of the natural and established biota indigenous to this unique ecological system;

3. Public potable water supply after conventional filtration treatment (a series of processes including filtration, flocculation, coagulation, and sedimentation, resulting in substantial particulate removal but no consistent removal of chemical constituents) and disinfection;

4. Primary and secondary contact recreation; and
5. Any other reasonable uses.

(c) In all FW2 waters the designated uses are:

1. Maintenance, migration and propagation of the natural and established biota;
2. Primary and secondary contact recreation;
3. Industrial and agricultural water supply;
4. Public potable water supply after conventional filtration treatment (a series of processes including filtration, flocculation, coagulation, and sedimentation, resulting in substantial particulate removal but no consistent removal of chemical constituents) and disinfection; and
5. Any other reasonable uses.

(d) In all SE1 waters the designated uses are:

1. Shellfish harvesting in accordance with N.J.A.C. 7:12;

2. Maintenance, migration and propagation of the natural and established biota;
3. Primary and secondary contact recreation; and
4. Any other reasonable uses.

(e) In all SE2 waters the designated uses are:

1. Maintenance, migration and propagation of the natural and established biota;
2. Migration of diadromous fish;
3. Maintenance of wildlife;
4. Secondary contact recreation; and
5. Any other reasonable uses.

(f) In all SE3 waters the designated uses are:

1. Secondary contact recreation;
2. Maintenance and migration of fish populations;
3. Migration of diadromous fish;
4. Maintenance of wildlife; and
5. Any other reasonable uses.

(g) In all SC waters the designated uses are:

1. Shellfish harvesting in accordance with N.J.A.C. 7:12;
2. Primary and secondary contact recreation;
3. Maintenance, migration and propagation of the natural and established biota; and
4. Any other reasonable uses.

Petition for Rulemaking: Exxon petitioning for reclassification to less restrictive uses of portion of Morses Creek.

21 N.J.R. 3791(c).

Amended by R.1998 d.234, effective May 18, 1998.

See: 29 N.J.R. 5128(a), 30 N.J.R. 1778(a).

Rewrote (b)3 and (c)4.

Case Notes

Leasehold in shellfish bottoms was not particularized property right sufficient to entitle holder to adjudicatory hearing regarding coastal development. N.J.S.A. 12:5-1 et seq., 13:19-1 et seq., 50:1-5 et seq., 52:14B-2(b), 52:14B-9. Spalt v. New Jersey Dept. of Environmental Protection, 237 N.J.Super. 206, 567 A.2d 264 (A.D.1989), certification denied 122 N.J. 140, 584 A.2d 213.

Surface Water Quality Criteria for FW2, SE and SC Waters

(Expressed as maximum concentrations unless otherwise noted)

Substance

1. Bacterial quality
(Counts/100 ml)

Criteria

- i. Bacterial Indicators shall not exceed, in all shellfish waters, the standard for approved shellfish waters as established by the National Shellfish Sanitation Program as set forth in its current manual of operations

Classifications

Shellfish Waters

7:9B-1.13 Designated uses of mainstem Delaware River and Delaware Bay

(a) The designated uses for the mainstem Delaware River and Delaware Bay are those contained in "Delaware River Basin Commission, Water Quality Regulations, Administrative Manual—Part III," Article 3, dated October 23, 1996, including all amendments and future supplements thereto.

(b) The designated uses for other waters under the jurisdiction of the DRBC are as set forth at N.J.A.C. 7:9B-1.15(d).

Amended by R.1993 d.610, effective December 6, 1993.

See: 24 N.J.R. 3983(a), 25 N.J.R. 5569(a).

Amended by R.1998 d.234, effective May 18, 1998.

See: 29 N.J.R. 5128(a), 30 N.J.R. 1778(a).

In (a), changed date of Administrative Manual from May 22, 1991 to October 23, 1996.

7:9B-1.14 Surface water quality criteria

(a) Surface water quality criteria for FW1 waters shall be maintained as to quality in their natural state.

(b) Surface water quality criteria for PL waters are as follows:

1. These waters shall be maintained as to quality in their existing state or that quality necessary to attain or protect the designated uses, whichever is more stringent.

- i. For Nitrate-Nitrogen a level of 2 mg/L shall be maintained in the surface waters unless it is shown that a lower level must be maintained to protect the existing surface water quality.

- ii. A pH level between 3.5 and 5.5 shall be maintained unless it is demonstrated that a pH level outside of that range is necessary to protect the existing/designated uses.

2. The water quality criteria for existing discharges are the water quality criteria contained in "Surface Water Quality Standards" as adopted in March 1981, except that:

- i. The criteria for Nitrate-Nitrogen and pH promulgated in N.J.A.C. 7:9B-1.14(b)1 for PL waters apply instead of the 1981 criteria; and

- ii. The criteria for phosphorous and toxic substances promulgated in N.J.A.C. 7:9B-1.14(c) apply instead of the 1981 criteria, as though the freshwater portions of the PL waters were classified as FW2 and the saline portions were classified as SE1.

(c) Surface water quality criteria for FW2, SE, and SC Waters:

<u>Substance</u>	<u>Criteria</u>	<u>Classifications</u>
	ii. Fecal Coliforms: (1) Fecal coliform levels shall not exceed a geometric average of 50/100 ml. (2) Fecal coliform levels shall not exceed a geometric average of 200/100 ml nor should more than 10 percent of the total samples taken during any 30-day period exceed 400/100 ml. (3) Fecal coliform levels shall not exceed a geometric average of 770/100 ml. (4) Fecal coliform levels shall not exceed a geometric average of 1500/100 ml. iii. Enterococci: (1) Enterococci levels shall not exceed a geometric mean of 33/100 ml, nor shall any single sample exceed 61/100 ml. (2) Enterococci levels shall not exceed a geometric mean of 35/100 ml, nor shall any single sample exceed 104/100 ml. iv. Samples shall be obtained at sufficient frequencies and at locations during periods which will permit valid interpretation of laboratory analyses. As a guideline and for the purpose of these regulations, a minimum of five samples as equally spaced over a 30-day period, as feasible, should be collected; however, the number of samples, frequencies and locations will be determined by the Department or other appropriate agency in any particular case.	Within 1500 feet of shoreline in SC waters. FW2, SE1, and SC 1500 feet to 3 miles from the shoreline. SE2 SE3 FW2 SE1 and SC All Classifications
2. Dissolved oxygen (mg/L)	i. Not less than 7.0 at any time; ii. 24 hour average not less than 6.0. Not less than 5.0 at any time (see paragraph viii below); iii. 24 hour average not less than 5.0, but not less than 4.0 at any time (see paragraph viii below); iv. Not less than 4.0 at any time; v. Not less than 5.0 at any time; vi. Not less than 4.0 at any time; vii. Not less than 3.0 at any time; and viii. Supersaturated dissolved oxygen values shall be expressed as their corresponding 100 percent saturation values for purposes of calculating 24 hour averages.	FW2-TP FW2-TM FW2-NT (except as in iv below), SE1 Tidal portions of FW2-NT tributaries to the Delaware River, between Rancocas Creek and Big Timber Creek inclusive. SC SE2 SE3 FW2-TM, FW2-NT, SE1
3. Floating, colloidal, color and settleable solids; petroleum hydrocarbons and other oils and grease	i. None noticeable in the water or deposited along the shore or on the aquatic substrata in quantities detrimental to the natural biota. None which would render the waters unsuitable for the designated uses; and ii. For "Petroleum Hydrocarbons" the goal is none detectable utilizing the Federal EPA Environmental Monitoring and Support Laboratory Method (Freon Extractable—Silica Gel Adsorption—Infrared Measurement); the present criteria, however, are those of paragraph i above.	All Classifications All Classifications
4. pH (Standard Units)	i. 6.5-8.5. ii. Natural pH conditions shall prevail.	FW2, All SE SC
5. Phosphorus, Total (mg/L)	i. Lakes: Phosphorus as total P shall not exceed 0.05 in any lake, pond or reservoir, or in a tributary at the point where it enters such bodies of water, except where watershed or site-specific criteria are developed pursuant to N.J.A.C. 7:9B-1.5(g)3. ii. Streams: Except as necessary to satisfy the more stringent criteria in paragraph i above or where watershed or site-specific criteria are developed pursuant to N.J.A.C. 7:9B-1.5(g)3, phosphorus as total P shall not exceed 0.1 in any stream, unless it can be demonstrated that total P is not a limiting nutrient and will not otherwise render the waters unsuitable for the designated uses.	FW2 FW2
6. Radioactivity	i. Prevailing regulations including all amendments and future supplements thereto adopted by the U.S. Environmental Protection Agency pursuant to Sections 1412, 1445, and 1450 of the Public Health Services Act, as amended by the Safe Drinking Water Act (PL 93-523).	All Classifications

Substance	Criteria	Classifications
7. Solids, Suspended (mg/L) (Non-filterable residue)	i. 25.0	FW2-TP, FW2-TM
	ii. 40.0	FW2-NT
	iii. None which would render the waters unsuitable for the designated uses.	All SE, SC
8. Solids, Total Dissolved (mg/L) (Filterable Residue)	i. No increase in background which may adversely affect the survival, growth or propagation of the aquatic biota. Compliance with water quality-based WET limitations or $LC_{50} \geq 50$ percent, whichever is more stringent, shall be deemed to meet this requirement.	FW2
	ii. No increase in background which would interfere with the designated or existing uses, or 500 mg/L, whichever is more stringent.	FW2
	iii. None of which would render the water unsuitable for the designated uses.	All SE
9. Sulfate (mg/L)	i. 250	FW2
10. Taste and odor producing substances	i. None offensive to humans or which would produce offensive taste or odors in water supplies and biota used for human consumption. None which would render the waters unsuitable for the designated uses.	All Classifications
11. Temperature and Heat Dissipation Areas	i. Thermal Alterations (Temperatures shall be measured outside of heat dissipation areas)	
	(1) Streams	
	(i) No thermal alterations which would cause changes in ambient temperatures except where properly treated wastewater effluents are discharged. Where such discharges occur, temperatures shall not deviate more than 0.6°C (1°F) from ambient temperature.	FW2-TP
	(ii) No thermal alterations which would cause temperatures to exceed ambient by more than 1.1°C (2°F) at any time or which would cause temperatures in excess of 20°C (68°F).	FW2-TM
	(iii) No thermal deviations which would cause temperatures to deviate more than 2.8°C (5°F) at any time from ambient temperatures. No heat may be added which would cause temperatures to exceed 27.8°C (82°F) for small mouth bass or yellow perch waters, or 30°C (86°F) for other nontrot waters.	FW2-NT
	(iv) No thermal alterations which would cause temperatures to deviate from ambient by more than 2.2°C (4°F), from September through May, nor more than 0.8°C (1.5°F) from June through August, nor cause temperatures to exceed 29.4°C (85°F).	All SE
	(2) Lakes, Ponds or Reservoirs	
	(i) No thermal alterations except where it can be shown to be beneficial to the designated and existing uses.	FW2-TM, FW2-TP
	(ii) No thermal alterations of more than 1.7°C (3°F) in the epilimnion of lakes and other standing waters. No discharges of heated effluent into the hypolimnion nor pumping of water from the hypolimnion (for discharge back into the same water body) shall be permitted unless it is demonstrated, to the satisfaction of the Department, that such practices will be beneficial to the existing and designated uses.	FW2-NT
	(3) Saline Bays—No thermal alterations which would cause temperatures to deviate from ambient by more than 2.2°C (4°F), from September through May, nor more than 0.8°C (1.5°F) from June through August nor cause temperatures to exceed 29.4°C (85°F).	All SE
	(4) Coastal Waters—No direct heat additions within 1500 feet of the shoreline. No thermal alterations which would cause temperatures to deviate from ambient temperatures by more than 2.2°C (4°F) from September through May, nor more than 0.8°C (1.5°F) from June through August, nor which would cause temperatures to exceed 26.7°C (80°F).	SC
	ii. Heat Dissipation Areas	
	(1) Streams	FW2-TM, FW2-NT, All SE

<u>Substance</u>	<u>Criteria</u>	<u>Classifications</u>
	(i) Not more than one-quarter ($\frac{1}{4}$) of the cross section and/or volume of the water body at any time;	
	(ii) Not more than two-thirds ($\frac{2}{3}$) of the surface from shore to shore at any time; and	
	(iii) These limits may be exceeded by special permission, on a case-by-case basis, when a discharger can demonstrate that a larger heat dissipation area meets the tests for a waiver under Section 316 of the Federal Clean Water Act.	
	(2) Lakes, Ponds, Reservoirs, Bays or Coastal Waters: Heat dissipation areas will be developed on a case-by-case basis.	All Classifications
12. Toxic Substances (general)	i. None, either alone or in combination with other substances, in such concentrations as to affect humans or be detrimental to the natural aquatic biota, produce undesirable aquatic life, or which would render the waters unsuitable for the designated uses.	All Classifications
	ii. None which would cause standards for drinking water to be exceeded after appropriate treatment.	FW2
	iii. Toxic substances shall not be present in concentrations that cause acute or chronic toxicity to aquatic biota, or bioaccumulate within an organism to concentrations that exert a toxic effect on that organism or render it unfit for consumption.	All Classifications
	iv. The concentrations of nonpersistent toxic substances in the State's waters shall not exceed one-twentieth (0.05) of the acute definitive LC50 or EC50 value, as determined by appropriate bioassays conducted in accordance with N.J.A.C. 7:18.	All Classifications
	v. The concentration of persistent toxic substances in the State's waters shall not exceed one-hundredth (0.01) of the acute definitive LC50 or EC50 value, as determined by appropriate bioassays conducted in accordance with N.J.A.C. 7:18.	All Classifications
13. Toxic Substances (ug/L):		
NOTE: Except as noted, aquatic life criteria followed by an (a) represent acute aquatic life protection criteria as a one-hour average (three-hour for ammonia, six-hour for lead) and aquatic life criteria followed by (c) represent chronic aquatic life protection criteria as a four-day average (30-day for ammonia). No exceedance of aquatic life criteria shall be permitted at or above the design flows specified in section N.J.A.C. 7:9B-1.5(c)2. Criteria followed by an (h) are noncarcinogenic effect-based human health criteria as a 30-day average with no frequency of exceedance at or above the design flows specified in section N.J.A.C. 7:9B-1.5(c)2. Criteria followed by an (hc) are carcinogenic effect-based human health criteria as a 70-year average with no frequency of exceedance at or above the design flows specified in section N.J.A.C. 7:9B-1.5(c)2 and are based on a risk level of one-in-one-million. Criteria followed by an (hcc) are for toxic substances considered to be possible human carcinogens as a 70-year average with no frequency of exceedance at or above the design flows specified in section N.J.A.C. 7:9B-1.5(c)2 and are based on a risk level of one-in-one hundred thousand. Criteria followed by an (OL) are organoleptic effect-based criteria and are maximum concentrations.		
i. Acenaphthylene	Reserved.	
ii. Acrolein	(1) 320(h)	All FW2
	(2) 780(h)	All SE, SC
iii. Acrylonitrile	(1) 0.0591(hc)	All FW2
	(2) 0.665(hc)	All SE, SC
iv. Aldrin	(1) 3.0(a); 0.000135(hc)	All FW2
	(2) 1.3(a); 0.000144(hc)	All SE, SC
v. Aluminum (Total recoverable)	Reserved.	

vi. Ammonia, un-ionized
(mg NH₃-N/L)

- (1) at pH <8.30
 $0.179 \times 10^{0.026(\text{Temp}-20) + 0.41(\text{pH}-7.80)}$ (a)
 $0.046 \times 10^{0.026(\text{Temp}-20) + 0.41(\text{pH}-7.80)}$ (c)
 at pH ≥8.30
 $0.179 \times 10^{0.026(\text{Temp}-20) + 0.20}$ (a)
 $0.046 \times 10^{0.026(\text{Temp}-20) + 0.20}$ (c)
- (2) at pH <8.30
 $0.201 \times 10^{0.026(\text{Temp}-20) + 0.41(\text{pH}-7.80)}$ (a) (Summer¹)
 $0.054 \times 10^{0.026(\text{Temp}-20) + 0.41(\text{pH}-7.80)}$ (c) (Summer¹)
 $0.232 \times 10^{0.026(\text{Temp}-20) + 0.41(\text{pH}-7.80)}$ (a) (Winter²)
 $0.060 \times 10^{0.026(\text{Temp}-20) + 0.41(\text{pH}-7.80)}$ (c) (Winter²)
 at pH ≥8.30
 $0.201 \times 10^{0.026(\text{Temp}-20) + 0.20}$ (a) (Summer¹)
 $0.054 \times 10^{0.026(\text{Temp}-20) + 0.20}$ (c) (Summer¹)
 $0.232 \times 10^{0.026(\text{Temp}-20) + 0.20}$ (a) (Winter²)
 $0.060 \times 10^{0.026(\text{Temp}-20) + 0.20}$ (c) (Winter²)
- (3) at pH <8.30
 $0.238 \times 10^{0.026(\text{Temp}-20) + 0.41(\text{pH}-7.80)}$ (a)
 $0.061 \times 10^{0.026(\text{Temp}-20) + 0.41(\text{pH}-7.80)}$ (c)
 at pH ≥8.30
 $0.238 \times 10^{0.026(\text{Temp}-20) + 0.20}$ (a)
 $0.061 \times 10^{0.026(\text{Temp}-20) + 0.20}$ (c)
- (4) 0.115(a)
 0.030(c)
- (5) 0.094(a)
 0.024(c)

FW2-TP, FW2-TM

FW2-NT

PL

SE

SC

¹Summer spawning period from March 1st through October 31st.²Winter non-spawning period from November 1st through February 28/29th.

Substance	Criteria	Classifications
vii. Anthracene	(1) 9,570(h) (2) 108,000(h)	All FW2 All SE, SC
viii. Antimony (Total recoverable)	(1) 12.2(h) (2) 4,300(h)	All FW2 All SE, SC
ix. Arsenic (Total recoverable)	(1) 0.0170(hc) (2) 0.136(hc)	All FW2 All SE, SC
x. Asbestos	(1) 7 million fibers/L(h) (fibers longer than 10 micrometers)	All FW2
xi. Barium (Total recoverable)	(1) 2,000(h)	All FW2
xii. Benz(a)anthracene	(1) 0.0028(hc) (2) 0.031(hc)	All FW2 All SE, SC
xiii. Benzene	(1) 0.150(hc) (2) 71(hc)	All FW2 All SE, SC
xiv. Benzidine	(1) 0.000118(hc) (2) 0.000535(hc)	All FW2 All SE, SC
xv. 3,4-Benzofluoranthene (Benzo(b)fluoranthene)	(1) 0.0028(hc) (2) 0.031(hc)	All FW2 All SE, SC
xvi. Benzo(a)pyrene (BaP)	(1) 0.0028(hc) (2) 0.031(hc)	All FW2 All SE, SC
xvii. Benzo(ghi)perylene	Reserved.	
xviii. Benzo(k)fluoranthene	(1) 0.0028(hc) (2) 0.031(hc)	All FW2 All SE, SC
xix. Beryllium (Total recoverable)	Reserved.	
xx. alpha-BHC (alpha-HCH)	(1) 0.00391(hc) (2) 0.0131(hc)	All FW2 All SE, SC
xxi. beta-BHC (beta-HCH)	(1) 0.137(hcc) (2) 0.460(hcc)	All FW2 All SE, SC
xxii. gamma-BHC (gamma-HCH/Lindane)	(1) 2.0(a); 0.080(c) (2) 0.16(a)	All FW2 All SE, SC
xxiii. Bis(2-chloroethyl) ether	(1) 0.0311(hc) (2) 1.4(hc)	All FW2 All SE, SC
xxiv. Bis(2-chloroisopropyl) ether	(1) 1,250(h) (2) 170,000(h)	All FW2 All SE, SC
xxv. Bis(2-ethylhexyl) phthalate	(1) 1.76(hc) (2) 5.92(hc)	All FW2 All SE, SC
xxvi. Bromodichloromethane	(1) 0.266(hc)	All FW2

Substance	Criteria	Classifications
(Dichlorobromomethane)	(2) 22(hc)	All SE, SC
xxvii. Bromoform	(1) 4.38(hc)	All FW2
	(2) 360(hc)	All SE, SC
xxviii. Butyl benzyl phthalate	(1) 239(h)	All FW2
	(2) 416(h)	All SE, SC
xxix. Cadmium (Total recoverable)	(1) 10(h)	All FW2
xxx. Carbon tetrachloride	(1) 0.363(hc)	All FW2
	(2) 6.31(hc)	All SE, SC
xxxi. Chlordane	(1) 2.4(a); 0.0043(c); 0.000277(hc)	All FW2
	(2) 0.09(a); 0.0040(c); 0.000283(hc)	All SE, SC
xxxii. Chloride	(1) 250,000(ol); 860,000(a); 230,000(c)	All FW2
xxxiii. Chlorine Produced	(1) 19(a); 11(c)	All FW2
Oxidants (CPO)	(2) 13(a); 7.5(c)	All SE, SC
xxxiv. Chlorobenzene	(1) 22.0(h)	All FW2
	(2) 21,000(h)	All SE, SC
xxxv. Chloroform	(1) 5.67(hc)	All FW2
	(2) 470(hc)	All SE, SC
xxxvi. 2-Chlorophenol	(1) 122(h)	All FW2
	(2) 402(h)	All SE, SC
xxxvii. Chlorpyrifos	(1) 0.083(a); 0.041(c)	All FW2
	(2) 0.011(a); 0.0056(c)	All SE, SC
xxxviii. Chromium (Total recoverable)	(1) 160(h)	All FW2
	(2) 3,230(h)	All SE, SC
xxxix. Chrysene	(1) 0.0028(hc)	All FW2
	(2) 0.031(hc)	All SE, SC
xl. Copper (Dissolved)	(1) (Reserved.)	New York/New Jersey Harbor Estuary [†]
	(2) (Reserved.)	
	(3) 7.9(a); 5.6(c)	
xli. Cyanide	(1) 22(a); 5.2(c); 768(h)	All FW2
	(2) 1.0(a); 1.0(c); 220,000(h)	All SE, SC
xlii. 4,4'-DDD (p,p'-TDE)	(1) 0.000832(hc)	All FW2
	(2) 0.000837(hc)	All SE, SC
xliii. 4,4'-DDE	(1) 0.000588(hc)	All FW2
	(2) 0.000591(hc)	All SE, SC
xliv. 4,4'-DDT	(1) 1.1(a); 0.0010(c); 0.000588(hc)	All FW2
	(2) 0.13(a); 0.0010(c); 0.000591(hc)	All SE, SC
xl. Demeton	(1) 0.1(c)	All FW2, SE, and SC
xlvi. Dibenz(a,h)anthracene	(1) 0.0028(hc)	All FW2
	(2) 0.031(hc)	All SE, SC
xlvi. Dibromochloromethane (Chlorodibromomethane)	(1) 72.6(h)	All FW2
xlvi. Di-n-butyl phthalate	(1) 3,530(h)	All FW2
	(2) 15,700(h)	All SE, SC
xlix. 1,2-Dichlorobenzene	(1) 2,520(h)	All FW2
	(2) 16,500(h)	All SE, SC
l. 1,3-Dichlorobenzene	(1) 2,620(h)	All FW2
	(2) 22,200(h)	All SE, SC
li. 1,4-Dichlorobenzene	(1) 343(h)	All FW2
	(2) 3,159(h)	All SE, SC
lii. 3,3'-Dichlorobenzidine	(1) 0.0386(hc)	All FW2
	(2) 0.0767(hc)	All SE, SC
liii. 1,2-Dichloroethane	(1) 0.291(hc)	All FW2
	(2) 99(hc)	All SE, SC
liv. 1,1-Dichloroethylene	(1) 4.81(h)	All FW2
lv. trans-1,2-Dichloroethylene	(1) 592(h)	All FW2
lvi. 2,4-Dichlorophenol	(1) 92.7(h)	All FW2
	(2) 794(h)	All SE, SC
lvii. 1,3-Dichloropropene	(1) 0.193(hc)	All FW2
	(2) 1700(h)	All SE, SC
lviii. Dieldrin	(1) 2.5(a); 0.0019(c); 0.000135(hc)	All FW2
	(2) 0.71(a); 0.0019(c); 0.000144(hc)	All SE, SC
lix. Diethyl phthalate	(1) 21,200(h)	All FW2
	(2) 111,000(h)	All SE, SC
lx. Dimethyl phthalate	(1) 313,000(h)	All FW2
	(2) 2,900,000(h)	All SE, SC
lxi. 4,6-Dinitro-o-cresol	(1) 13.4(h)	All FW2

Substance	Criteria	Classifications
lxii. 2,4-Dinitrophenol	(2) 765(h) (1) 69.7(h)	All SE, SC All FW2
lxiii. 2,4-Dinitrotoluene	(2) 14,000(h) (1) 0.11(hc)	All SE, SC All FW2
lxiv. 1,2-Diphenylhydrazine	(2) 9.1(hc) (1) 0.0405(hc)	All SE, SC All FW2
lxv. Endosulfans (alpha and beta)	(2) 0.541(hc) (1) 0.22(a); 0.056(c); 0.932(h)	All SE, SC All FW2
lxvi. Endosulfan sulfate	(2) 0.034(a); 0.0087(c); 1.99(h) (1) 0.93(h)	All SE, SC All FW2
lxvii. Endrin	(2) 2.0(h) (1) 0.18(a); 0.0023(c); 0.629(h)	All SE, SC All FW2
lxviii. Endrin aldehyde	(2) 0.037(a); 0.0023(c); 0.678(h) (1) 0.76(h)	All SE, SC All FW2
lxix. Ethylbenzene	(2) 0.81(h) (1) 3,030(h)	All SE, SC All FW2
lxx. Fluoranthene	(2) 27,900(h) (1) 310(h)	All SE, SC All FW2
lxxi. Fluorene	(2) 393(h) (1) 1,340(h)	All SE, SC All FW2
lxxii. Guthion	(1) 0.01(c)	All FW2, SE and SC
lxxiii. Heptachlor	(1) 0.52(a); 0.0038(c); 0.000208(hc) (2) 0.053(a); 0.0036(c); 0.000214(hc)	All FW2 All SE, SC
lxxiv. Heptachlor epoxide	(1) 0.52(a); 0.0038(c); 0.000103(hc) (2) 0.053(a); 0.0036(c); 0.000106(hc)	All FW2 All SE, SC
lxxv. Hexachlorobenzene	(1) 0.000748(hc) (2) 0.000775(hc)	All FW2 All SE, SC
lxxvi. Hexachlorobutadiene	(1) 6.94(h)	All FW2
lxxvii. Hexachlorocyclopentadiene	(1) 245(h) (2) 17,000(h)	All FW2 All SE, SC
lxxviii. Hexachloroethane	(1) 2.73(h) (2) 12.4(h)	All FW2 All SE, SC
lxxix. Indeno(1,2,3-cd) pyrene	(1) 0.0028(hc) (2) 0.031(hc)	All FW2 All SE, SC
lxxx. Iron (Total recoverable)	Reserved.	
lxxxi. Isophorone	(1) 552(h)	All FW2
lxxxii. Lead	(1) 5(h) (Total recoverable); 38(a); 5.4(c) (Dissolved) (2) 210(a); 24(c) (Dissolved)	All FW2 All SE, SC
lxxxiii. Lead (Total recoverable)	(1) 5(h)	All FW2
lxxxiii. Malathion	(1) 0.1(c)	All FW2, SE and SC
lxxxiv. Manganese (Total recoverable)	(1) 100(h)	All SE, SC
lxxxv. Mercury (Total recoverable)	(1) 0.144(h) (2) 0.146(h)	All FW2 All SE, SC
lxxxvi. Methoxychlor	(1) 0.03(c); 40(h) (2) 0.03(c)	All FW2 All SE, SC
lxxxvii. Methyl bromide (Bromomethane)	(1) 48.4(h) (2) 4,000(h)	All FW2 All SE, SC
lxxxviii. Methyl chloride (Chloromethane)	Reserved.	
lxxxix. Methylene chloride	(1) 2.49(hc) (2) 1,600(hc)	All FW2 All SE, SC
xc. Mirex	(1) 0.001(c)	All FW2, SE and SC
xc. Nickel (Total recoverable)	(1) 516(h) (2) 3,900(h)	All FW2 All SE, SC
xcii. Nitrate (as N)	(1) 10,000(h)	All FW2
xciii. Nitrobenzene	(1) 16.0(h) (2) 1,900(h)	All FW2 All SE, SC
xciv. N-Nitrosodi-n-butylamine	(1) 0.00641(hc)	All FW2
xcv. N-Nitrosodiethylamine	(1) 0.000233(hc)	All FW2
xcvi. N-Nitrosodimethylamine	(1) 0.000686(hc) (2) 8.1(hc)	All FW2 All SE, SC
xcvii. N-Nitrosodiphenylamine	(1) 4.95(hc) (2) 16.2(hc)	All FW2 All SE, SC
xcviii. N-Nitrosopyrrolidine	(1) 0.0167(hc)	All FW2
xcix. Parathion	(1) 0.065(a); 0.013(c)	All FW2

† These waters include Newark Bay, the New Jersey portions of Raritan Bay, Upper New York Bay, Lower New York Bay, Arthur Kill, Kill van Kull, saline portions of the Passaic, Hackensack, and Hudson Rivers, and saline portions of tributaries to all of these waters.

ber 23, 1996, including all amendments and future supplements thereto, the criteria at (c) above are the applicable criteria and shall be applied as follows:

- (1) Criteria applicable to FW2-NT waters apply where salinities are less than or equal to 3.5 parts per thousand (ppt) at mean high tide;

- (2) Criteria applicable to SE waters apply where salinities are greater than 3.5 ppt at mean high tide; and

- (3) Where salinities vary from 3.5 ppt or less, to greater than 3.5 ppt, at mean high tide, the more stringent of the FW2-NT or SE criteria apply.

2. Tributaries to the mainstem Delaware River and Delaware Bay:

i. The applicable criteria are those contained in "Delaware River Basin Commission, Administrative Manual—Part III, Water Quality Regulations," Article 3, dated October 23, 1996, including all amendments and supplements thereto; or

ii. The criteria at (c) above, whichever are more stringent.

3. For all waters under the jurisdiction of the DRBC where criteria are not established in "Delaware River Basin Commission, Administrative Manual—Part III, Water Quality Regulations," Article 3, dated October 23, 1996, including all amendments and future supplements thereto, or at (c) above, the Department shall use criteria based upon the best available scientific information, in accordance with (d)1ii above and N.J.A.C. 7:9B-1.5(c)5, to establish water quality-based effluent limitations.

Amended by R.1987 d.320, effective August 3, 1987 (operative October 1, 1987).

See: 18 N.J.R. 1435(a), 19 N.J.R. 1433(a).

Amended by R.1989 d.420, effective August 7, 1989.

See: 20 N.J.R. 1597(a), 21 N.J.R. 2302(b).

Amended by R.1993 d.415, effective August 16, 1993.

See: 25 N.J.R. 405(a), 25 N.J.R. 3755(a).

Amended by R.1993 d.610, effective December 6, 1993.

See: 24 N.J.R. 3983(a), 24 N.J.R. 4471(a), 25 N.J.R. 5569(a).

Amended by R.1996 d.383, effective August 5, 1996.

See: 27 N.J.R. 4506(b), 28 N.J.R. 3782(b).

Amended by R.1998 d.234, effective May 18, 1998.

See: 29 N.J.R. 5128(a), 30 N.J.R. 1778(a).

In the table in (c), inserted 8ii and recodified former ii as iii; and in (d), changed the date of the Administrative Manual throughout.

Administrative correction.

See: 31 N.J.R. 42(a).

Petition for Rulemaking.

See: 33 N.J.R. ().

Amended by R.2002 d.19, effective January 22, 2002.

See: 33 N.J.R. 4397(a), 34 N.J.R. 537(a).

Rewrote (c).

7:9B-1.15 Surface water classifications for the waters of the State of New Jersey

(a) This section contains the surface water classifications for the waters of the State of New Jersey. Surface water classifications are presented in tabular form. Subsections (c) through (g) contain surface water classifications by major drainage basin. Subsection (h) lists FW1 waters by tract within basins and subsection (i) identifies the Outstanding National Resource Waters of the State.

(b) The following are instructions for the use of Tables 1 through 5 found in (c) through (g) below respectively:

1. The surface water classification tables give the surface water classifications for waters of the State. Surface waters of the State and their classification are listed in the table covering the major drainage basin in which they are located. The major drainage basins are:

i. The Atlantic Coastal drainage basin which contains the surface waters listed in Table 1 in (c) below;

ii. The Delaware River drainage basin which contains the surface waters listed in Table 2 in (d) below;

iii. The Passaic River, Hudson River and New York Harbor Complex drainage basin which contains the surface waters listed in Table 3 in (e) below;

iv. The Raritan River and Raritan Bay drainage basin which contains the surface waters listed in Table 4 in (f) below; and

v. The Wallkill River drainage basin which contains the surface waters listed in Table 5 in (g) below.

2. Within each basin the waters are listed alphabetically and segment descriptions begin at the headwaters and proceed downstream.

3. To find a stream:

i. Determine which major drainage basin the stream is in;

ii. Look for the name of the stream in the appropriate table and find the classification;

iii. For unnamed or unlisted streams, find the stream or other waterbody that the stream of interest flows into and look for the classification of that stream or waterbody. The classification of the stream of interest may then be determined by referring to (b)5 below. If the second stream or waterbody is also unlisted, repeat the process until a listed stream or waterbody is found. Use (b)5iv below to classify streams entering unlisted lakes.

4. To find a lake or other non-stream waterbody:

i. Determine which major drainage basin the waterbody is in;

ii. Look for the waterbody name in the appropriate table;

iii. If the waterbody is not listed, use (b)5ii, 5iii, 5vi, and 5vii below to determine the appropriate classification.

5. To find unnamed waterways or waterbodies or named waterways or waterbodies which do not appear in the listing, use the following instructions:

i. Unnamed or unlisted freshwater streams that flow into streams classified as FW2-TP, FW2-TM, or FW2-NT take the classification of the classified stream they enter, unless the unlisted stream is a PL water which is covered in (b)5vii below. If the stream could be a C1 water, see (b)5vi below.

ii. All freshwater lakes, ponds and reservoirs that are five or more acres in surface area, that are not located entirely within the Pinelands Area boundaries (see (b)5vii below) and that are not specifically listed as FW2-TP or FW2-TM are classified as FW2-NT. This includes lakes, ponds and reservoirs on segments of streams which are classified as FW2-TM or FW2-TP such as Saxton Lake on the Musconetcong River. If the waterbody could be a C1 water, also check (b)5vi below.

iii. All freshwater lakes, ponds and reservoirs, that are less than five acres in surface area, upstream of and contiguous with FW2-TP or FW2-TM streams, and which are not located entirely within the Pinelands Area boundaries (see (b)5vii below) are classified as FW2-TM. All other freshwater lakes, ponds and reservoirs that are not otherwise classified in this subsection or the following tables are classified as FW2-NT. If the waterbody could be a C1 water, also check (b)5vi below.

iv. Unnamed or unlisted streams that enter FW2 lakes, ponds and reservoirs take the classification of either the listed tributary stream flowing into the lake with the highest classification or the listed tributary stream leaving the lake with the highest classification, whichever has the highest classification, or, if there are no listed tributary or outlet streams to the lake, the first listed stream downstream of the lake. If the stream is located within the boundaries of the Pinelands Area, see (b)5vii below; if it could be a C1 water, also see (b)5vi below.

v. Unnamed or unlisted saline waterways and waterbodies are classified as SE1 in the Atlantic Coastal Basin. Unnamed or unlisted saline waterways which enter SE2 or SE3 waters in the Passaic, Hackensack and New York Harbor Complex basin are classified as SE2 unless otherwise classified within Table 3 in (e) below. Freshwater portions of unnamed or unlisted streams entering SE1, SE2, or SE3 waters are classified as FW2-NT. This only applies to waters that are not PL waters (see (b)5vii below). If the waterbody or waterway could be a C1 water, also see (b)5vi below.

vi. If the waterway or waterbody of interest flows through or is entirely located within State parks, forests or fish and game lands, Federal wildlife refuges, other special holdings, or is a State shellfish water as defined in this subchapter, the Department's maps should be checked to determine if the waterbody of interest is mapped as a C1 water. If the waterway or waterbody does not appear on the United States Geological Survey quadrangle that the Department used as a base map in its designation of the C1 waters, the Department will determine on a case-by-case basis whether the waterway or waterbody should be designated as C1.

vii. All waterways or waterbodies, or portions of waterways or waterbodies, that are located within the

boundaries of the Pinelands Area established at N.J.S.A. 13:18A-11a are classified as PL unless they are listed as FW1 waters in Table 6 in (h) below. A tributary entering a PL stream is classified as PL only for those portions of the tributary that are within the Pinelands Area. Lakes are classified as PL only if they are located entirely within the Pinelands Area.

6. The following 10 classifications are used for the sole purpose of identifying the water quality classification of the waters listed in the tables in (c) through (h) below:

i. "FW1" means those fresh waters, as designated in Table 6 in (h) below, and as defined at N.J.A.C. 7:9B-1.4.

ii. "FW2-TP" means FW2 trout production.

iii. "FW2-TM" means FW2 trout maintenance.

iv. "FW2-NT" means FW2 nontrout.

v. "PL" means Pinelands Waters.

vi. "SE1" means saline estuarine waters whose designated uses are listed in N.J.A.C. 7:9B-1.12(d).

vii. "SE2" means saline estuarine waters whose designated uses are listed in N.J.A.C. 7:9B-1.12(e).

viii. "SE3" means saline estuarine waters whose designated uses are listed in N.J.A.C. 7:9B-1.12(f).

ix. "SC" means the general surface water classification applied to saline coastal waters.

x. FW2-NT/SE1 (or a similar designation that combines two classifications) means a waterway in which there may be a salt water/fresh water interface. The exact point of demarcation between the fresh and saline waters must be determined by salinity measurements and is that point where the salinity reaches 3.5 parts per thousand at mean high tide. The stream is classified as FW2-NT in the fresh portions (salinity less than or equal to 3.5 parts per thousand at mean high tide) and SE1 in the saline portions.

7. The following water quality designations are used in Tables 1 through 5 in (c) through (g), respectively, below:

i. "(C1)" means Category One waters;

ii. "(tp)" indicates trout production in waters which are classified as FW1. This is for information only and does not affect the water quality criteria for those waters;

iii. "(tm)" indicates trout maintenance in waters which are classified as PL or FW1. For FW1 waters this is for information only and does not affect the water quality criteria for those waters.

(c) The surface water classifications in Table 1 are for waters of the Atlantic Coastal Basin:

TABLE 1

Waterbody	Classification	Waterbody	Classification
ABRAMS CREEK (Marmora)—Entire length, except portion outside the boundaries of the MacNamara Wildlife Management Area (Griscom)—Portions of the Creek and tributaries outside of the MacNamara Wildlife Management Area		BALLANGER CREEK (New Gretna)—Source to Pollys Ditch (New Gretna)—Pollys Ditch to Bay	FW2-NT/SE1 SE1(C1)
ABSECON BAY (Absecon) —All waters within Absecon Wildlife Management Area	FW2-NT/SE1(C1)	BANKS CREEK (Marmora) —Entire length	SE1(C1)
ABSECON CREEK (Egg Harbor)—North and South Branches from their origins downstream to the boundary of the Pinelands Protection and Preservation Area (Absecon)—Entire length, except portions described above	FW2-NT/SE1 SE1(C1)	BARNEGAT BAY (Barnegat National Wildlife Refuge)—All waters within the boundaries of the Barnegat National Wildlife Refuge (Barnegat Light)—All other waters of the bay (Island Beach State Park)—All freshwater ponds within the boundaries of Island Beach State Park (Island Beach State Park)—All waters in the Park, not classified as FW1 above	SE1(C1) SE1(C1) FW1 FW2-NT/SE1/SC(C1)
ARNOLD POND (Barnegat)	PL	BARNEGAT BAY TRIBUTARIES —See ATLANTIC OCEAN, TRIBUTARIES	
ATLANTIC OCEAN (Offshore)—Waters from the shoreline out to the three mile limit, except areas described below (Beach Haven)—Waters of the Atlantic Ocean out to the State's three mile limit from Beach Haven Inlet to Cape May Point, excluding the following waters:	FW2-NT/SE1 FW2-NT/SE1(C1)	BASS RIVER (Oswego Lake)—Source to Pineland Protection and Preservation Area boundary at the Garden State Parkway, except those branches described separately below (New Gretna)—Pineland Protection and Preservation Area boundary to the boundary of shellfish waters (New Gretna)—Boundary of shellfish waters to Mullica River (Bass River State Forest)—Tommy's Branch from its headwaters to the Bass River State Forest Recreation Area service road (Bass River State Forest)—Falkenburg Branch of Lake Absegami from its headwaters to the Lake	
1. (Atlantic City)—All of the Ocean waters inshore of a line that begins at the center of Convention Hall, Atlantic City bearing approximately 153 degrees T (True North) and extends 2.0 nautical miles to a point with coordinates of latitude 39 degrees 19.4 minutes N., longitude 74 degrees 25.1 minutes W., from this point, approximately 2 nautical miles offshore, the line runs parallel to the shoreline in a southwesterly direction for approximately 2.1 nautical miles to a point with coordinates of latitude 39 degrees 18.4 minutes N., longitude 74 degrees 27.5 minutes W., then bearing approximately 333 degrees T (reciprocal 153 degrees T) for approximately 1.9 nautical miles to the outermost tip of the Ventnor City Fishing Pier located at the Boardwalk and South Cambridge Ave., City of Ventnor, then along that pier to the shore and terminating.	SC	BATSTO RIVER (Browns Mills)—Entire length, except waters described separately below (Wharton)—Skit Branch and tributaries from their headwaters to the confluence with Robert's Branch (Wharton)—The easterly branches of the Batsto River from Batsto Village upstream to the confluence with Skits Branch	PL FW2-NT/SE1 SE1(C1)
2. (Ocean City)—All of the ocean waters inshore of a line which begins at the City of Ocean City's Beach Patrol, First Aid and Rest Room building located on the beach at 34th Street, with coordinates of latitude 39 degrees 15.0 minutes N., longitude 74 degrees 36.6 minutes W., and bears approximately 126 degrees T (True North) for approximately 1.5 nautical miles from the shoreline to a point with coordinates of latitude 39 degrees 14.1 minutes N., longitude 74 degrees 35.0 minutes W., then bears approximately 216 degrees T along the shoreline in a southwesterly direction 1.5 nautical miles off-shore, for approximately 2.3 nautical miles to a point with coordinates of latitude 39 degrees 12.3 minutes N., longitude 74 degrees 36.7 minutes W., then bears approximately 306 degrees T for approximately 1.4 nautical miles to the outermost tip of Anglers Fishing Club's Pier, 5825 Central Ave., Ocean City, then along that pier to the shoreline.	SC(C1)	BEACH THOROFARE (Margate) —Entire length	FW1 FW1
3. Seven mile beach outfall exclusion		BEAR SWAMP BROOK (Howell) Entire length	
4. Wildwood outfall exclusion		BIG ELDER CREEK (Sea Isle City)—Segment within the boundaries of Marmora Wildlife Management Area (Sea Isle City)—Segment outside the boundaries of Marmora Wildlife Management Area	FW2-NT(C1)
TRIBUTARIES, ATLANTIC OCEAN (New Jersey Coast)—All those streams or segments of streams that flow directly into the Atlantic Ocean or into back bays of the Ocean which are not included elsewhere in this list, are not within the boundaries of the Pinelands Protection or Preservation Areas and are not mapped as C1 waters by the Department (Pinelands)—All streams or segments of streams which flow directly into the Atlantic Ocean or into back bays of the Ocean, are within the boundaries of the Pinelands Protection and Preservation Areas and are not classified as FW1 in this Table (New Jersey Coast)—All streams or segments of streams which flow directly into the Atlantic Ocean or into back bays of the Ocean, are mapped as C1 waters by the Department are not trout maintenance waters, and are not classified as FW1 in this Table		BIG GRAVELING CREEK (Great Bay) —Entire length BIG GREAVES CREEK (MacNamara)—Segment of the Creek outside the boundaries of MacNamara Wildlife Management Area (MacNamara)—Creek and tributaries within the boundaries of MacNamara Wildlife Management Area	SE1(C1) SE1 SE1(C1)
BABCOCK CREEK (Marmora) —Entire length	FW2-NT/SE1(C1) FW2-NT/SE1(C1)	BIG THOROFARE (Tuckerton)—Source to boundary of Great Bay Blvd. Wildlife Management Area (Tuckerton)—Segment within the boundaries of Great Bay Blvd. Wildlife Management Area BLUEFISH BROTHERS (Stone Harbor) —Entire length BLUEFISH CREEK (Stone Harbor) —Entire length BOG BRANCH CREEK (Middletown) —Entire length BRIGANTINE (Brigantine National Wildlife Refuge) —All waters within the boundaries of the Brigantine National Wildlife Refuge BRISBANE LAKE (Allaire State Park)—The lake and its tributaries BROAD CREEK (New Gretna) —Entire length BROAD THOROFARE (Longport)—South of Rt. 152 (Longport)—North of Rt. 152 BROTHERS CREEK (Burleigh) —Entire length CABBAGE THOROFARE (Great Bay) —Entire length CEDAR BRIDGE BRANCH (Lakewood) —Entire length CEDAR CREEK (Manahawkin)—Source to boundaries of the Manahawkin Wildlife Management Area (Manahawkin)—Creek and tributaries within the boundaries of the Manahawkin Wildlife Management Area	SE1 SE1 SE1(C1) SE1(C1) FW2-NT/SE1(C1) SE1 SE1(C1) SE1(C1) SE1(C1) FW2-NT/SE1(C1) SE1 SE1(C1) SE1(C1) FW2-NT FW2-NT/SE1 FW2-NT/SE1(C1)

Waterbody	Classification	Waterbody	Classification
(Cedar Crest)—Source to the boundaries of the Pinelands Protection and Preservation Area at the Garden State Parkway, except branches described separately below	PL	and ponds within the boundaries of the Brigantine National Wildlife Refuge and the Great Bay Wildlife Management Area	FW2-NT/SE1(C1)
(Berkeley)—Garden State Parkway to Barnegat Bay	FW2-NT/SE1	GREAT EGG HARBOR RIVER	
(Greenwood Forest)—Webbs Mill Branch and tributaries located entirely within the boundaries of Greenwood Forest Wildlife Management Area	FW1	(Berlin)—Source to confluence with Tinker Branch	FW2-NT
(Greenwood Forest)—Chamberlain's Branch from its origins to a point 1000 feet west of Route 539	FW1	(Berlin)—Tinker Branch, the River from its confluence with Tinker Branch, and all tributaries within the Pinelands Protection and Preservation Area, downstream to the boundary at the Rt. 40 bridge in Mays Landing	PL
(Greenwood Forest)—Those portions of the tributaries to Chamberlain's Branch originating and wholly contained within the boundaries of the Greenwood Forest Wildlife Management Area	FW1	(Winslow)—All tributaries or segments of tributaries outside of the boundaries of the Pinelands Protection and Preservation Area, downstream to Rt. 40 at Mays Landing	FW2-NT
CEDAR HAMMOCKS CREEK (English Creek Landing)—Entire length	SE1(C1)	(Mays Landing)—Rt. 40 bridge to Great Egg Harbor, except those tributaries described separately below	FW2-NT/SE1
CEDAR RUN		(Mays Landing)—All tributaries or segments of tributaries within the boundaries of the Pinelands Protection and Preservation Areas	PL
(Stafford)—Source to the boundaries of the Pinelands Protection and Preservation Area at the Garden State Parkway	PL	(Egg Harbor)—Tributaries and all other waters within MacNamara Wildlife Management Area, except tributary described below	FW2-NT/SE1(C1)
(Cedar Run)—Garden State Parkway to the boundaries of the Barnegat National Wildlife Refuge	FW2-NT/SE1	(Tuckahoe)—Hawkins Creek and the stream adjacent to and north of Hawkins' Creek, and their tributaries, from their origins to the point where the influence of impoundment begins	FW1
(Barnegat)—National Wildlife Refuge boundaries to Barnegat Bay	FW2-NT/SE1(C1)	GREAT SOUND (Avalon)—All waters within Great Sound State Park	SE1(C1)
CEDAR SWAMP CREEK		GREAT THOROFARE	
(Cedar Spring)—Entire length, except segment described separately below	FW2-NT/SE1	(Ventnor)—West of Rt. 40	SE1(C1)
(Marmora)—Creek and tributaries within the boundaries of the MacNamara Wildlife Management Area	FW2-NT/SE1(C1)	(Ventnor)—East of Rt. 40	SE1
CHAMBERLAIN BRANCH—See CEDAR CREEK		GRISCOM CREEK (Gibson Landing)—Entire length	FW2-NT/SE1(C1)
CHANNEL CREEK (Barnegat Bay)—Entire length	SE1(C1)	GUNNING RIVER	
CHARLEY CREEK (Marmora)—Entire length	FW2-NT/SE1(C1)	(Barnegat)—Entire length, except segment described below	FW2-NT/SE1
CLEAR STREAM (JACKSON)—Entire length	FW2-TM(C1)	(Barnegat)—Stream and tributaries within the boundaries of Barnegat National Wildlife Refuge	FW2-NT/SE1(C1)
COLLINS TIDE PONDS (Barnegat)	FW2-NT/SE1(C1)	HALFWAY CREEK	
COMMANDO CREEK (Marmora)—Entire length	SE1(C1)	(Middletown)—Source to the boundary of the MacNamara Wildlife Management Area	FW2-NT/SE1
CRANBERRY BROOK (Monmouth)—Entire length	FW2-NT/SE1	(MacNamara)—Creek and tributaries within the boundaries of the MacNamara Wildlife Management Area	SE1(C1)
DAVENPORT BROOK		HARRY POND (Barnegat)	FW2-NT/SE1(C1)
(Berkeley)—Source to the boundaries of the Pinelands Protection and Preservation Area at the Penn Central railroad tracks	PL	HATFIELD CREEK (Beach Haven Heights)—Entire length	SE1(C1)
(Toms River)—Railroad tracks to confluence with Wrangel Brook	FW2-NT	HAWKINS CREEK	
DEEP CREEK (Herbertsville)—Entire length	FW2-NT	(Tuckahoe)—Source to the point where the influence of impoundment begins	FW1
DEEP RUN (Wharton)—Run and tributaries from their sources to Springer's Brook	FW1	(Tuckahoe)—Downstream of the influence of impoundment	SE1(C1)
DICKS BROOK (Larrabee's Crossing)—Entire length	FW2-NT(C1)	HAY STACK BROOK (Howell)—Entire length	FW2-NT(C1)
DINNER POINT CREEK (Staffordville)—Entire length	SE1(C1)	HOSPITALITY CREEK (Longport)—Entire length	SE1(C1)
DOCK THOROFARE (Northfield)—Entire length	SE1(C1)	JACOVY CREEK (Stone Harbor)—Entire length	SE1(C1)
DOUGHTY RESERVOIR (Atlantic City)	(FW2-NT(C1))	JAKES BRANCH	
DOVE MILL BRANCH—See TOMS RIVER		(Berkeley)—Source to the boundaries of the Pinelands Protection and Preservation Area at the Garden State Parkway	PL
EDWARD CREEK		(Beachwood)—Garden State Parkway to Toms River	FW2-NT/SE1
Ocean City—Source to the boundary of Marmora Wildlife Management Area	SE1	JAY CREEK	SE1(C1)
Ocean City—Boundary of Marmora Wildlife Management Area to Horn Creek	SE1(C1)	JIMMIES CREEK	
FALKENBURG BRANCH—See BASS RIVER		(Great Bay)—Source to the boundary of Great Bay Wildlife Management Area	SE1(C1)
FLAT CREEK (Marmora)—Entire length	FW2-NT/SE1(C1)	(Parkers Landing)—Segments of the Creek outside the boundaries of Great Bay Wildlife Management Area	SE1
FLATTERAS CREEK (Beach Haven Heights)—Entire length	SE1(C1)	JOSH CREEK (Stone Harbor)—Entire length	SE1(C1)
FORKED RIVER		JUDIES CREEK	
(Lacey)—River and branches from their sources to the boundaries of the Pinelands Protection and Preservation Area at the Garden State Parkway	PL	(Great Bay)—Source to widening of creek	SE1
(Forked River)—Garden State Parkway to Barnegat Bay	FW2-NT/SE1	(Great Bay)—Widening of creek to mouth	SE1(C1)
FORTESCUE (Fortescue)—All waters within the Fortescue Wildlife Management Area	FW2-NT/SE1(C1)	JUMPING BROOK (Neptune)—Entire length	FW2-NT/SE1
GIBSON CREEK		KNOLL POND (Barnegat)	FW2-NT/SE1(C1)
(Gibson Landing)—Entire length, except segment described below	PL	LAKES BAY (Ventnor)	SE1(C1)
(Marmora)—Segment and tributaries within the MacNamara Wildlife Management Area	FW2-NT/SE1(C1)	LAKES CHANNEL (Ventnor)—Entire length	SE1(C1)
GLENDOLA RESERVOIR (Glendola)	(FW2-NT(C1))	LITTLE GREAVES CREEK (MacNamara)—Entire length	SE1(C1)
GO THROUGH CREEK		LITTLE SCOTCH BONNET	
(Burleigh)—Entire length, except segment described below	SE1	(Stone Harbor)—Entire length, except segment described below	SE1
(Burleigh)—Segment within the boundaries of the Marmora Wildlife Management Area	SE1(C1)	(Stone Harbor)—Segment within the boundaries of Marmora Wildlife Management Area	SE1(C1)
GOING THROUGH CREEK (English Creek Landing)	SE1(C1)	LITTLE THOROFARE (Tuckerton)—Entire length	SE1(C1)
GREAT BAY (Brigantine)—All waters of the Bay and all natural waterways which are tributary to the Bay and all waters, including both natural and manmade channels		LONG BROOK (Jackson)—Entire length	PL
		LONG POINT CREEK (Marmora)—Entire length	FW2-NT/SE1(C1)
		LONG SWAMP BROOK	

Waterbody	Classification	Waterbody	Classification
(Squankum)—Entire length	FW2-NT(C1)	MULBERRY THOROFARE (Northfield)—Entire length	SE1(C1)
LOWER LONG REACH (Stone Harbor)—Entire length	SE1(C1)	MULLICA RIVER	
LUDDLAM CREEK (Marmora)—Entire length	SE1(C1)	(Berlin)—Source to Pinelands Protection and Preser-	
MAIN MARSH CREEK (Brigantine)—Entire length	SE1(C1)	vation Area boundaries at the Garden State Parkway,	PL
MANAHAWKIN CREEK		except branches and tributaries described below	
(Manahawkin)—Source to the boundaries of Manahaw-	FW2-NT/SE1	(Wharton)—Stream in the southeasterly corner of the	
kin Wildlife Management Area		Wharton State Forest located between Ridge Rd. and	
(Manahawkin)—Within the boundaries of the Mana-	FW2-NT/SE1(C1)	Seaf Weeks Rd., downstream to the boundaries of the	FW1
hawk Wildlife Management Area		Wharton State Forest	
...		(Wharton)—Gun Branch from its headwaters to U.S.	FW1
MANASQUAN RESERVOIR (Oak Glen)	FW2-NT(C1)	Rt. 206	
TRIBUTARIES		(New Gretna)—River and tributaries from the Pine-	
(Oak Glen)—All tributaries upstream of Manasquan	FW2-NT(C1)	lands Protection and Preservation Area boundary to	SE1(C1)
Reservoir from source to the Reservoir		Great Bay	
MANASQUAN RIVER		(Wharton)—Brooks and tributaries between and imme-	
MAIN STEM		diately to the west of Tylertown and Crowleystown,	
(Freehold)—Source to Rt. 9 bridge, except tributaries	FW2-NT	from their headwaters to the head of tide at mean	FW1
described separately under Tributaries, below		high water	SE1(C1)
(Howell)—Rt. 9 bridge to the West Farms Road	FW2-TM	NARROWS CREEK (Middletown)—Entire length	FW2-NT/SE1(C1)
Bridge in Howell Township, except tributaries de-		NORTH CHANNEL POND (Stone Harbor)	SE1(C1)
scribed separately under Tributaries, below		OLDMAN CREEK (Stone Harbor)—Entire length	SE1(C1)
(Howell)—West Farms Road Bridge in Howell Town-	FW2-TM(C1)	OTTER CREEK (Middletown)—Entire length	SE1(C1)
ship to the downstream boundary of Manasquan		OYSTER CREEK	
River Wildlife Management Area, except tributar-	SE1	(Brookville)—Source to the boundaries of the Pinelands	
ies described separately		Protection and Preservation Area at the Garden State	PL
(Brick)—Downstream boundary of Manasquan River	FW2-NT	Parkway	
Wildlife Management Area to surf waters		(Forked River)—Garden State Parkway to Barnegat	FW2-NT/SE1
TRIBUTARIES, MANASQUAN RIVER		Bay	SE1(C1)
(Adelphia)—Entire length	FW1(tm)	OYSTER CREEK (Great Bay)—Entire length	SE1(C1)
(Allaire)—Those portions of the first and second		REEVY BRANCH—See SHARK RIVER	
southerly tributaries west of the Hospital Rd. which	FW2-NT(C1)	RING ISLAND CREEK (Stone Harbor)—Entire length	SE1(C1)
are located entirely within the boundaries of Allaire		RISLEY CHANNEL (Margate)—Entire length	SE1(C1)
State Park		ROUNDABOUT CREEK (New Gretna)—Entire length	SE1(C1)
(Mill Run)—Entire length of Mill Run, including	FW1	SALT CREEK (Stone Harbor)—Entire length	SE1(C1)
Brisbane Lake and its tributaries, except easterly		SCULL BAY (Linwood)	SE1(C1)
tributary to Mill Run described as FW1 below	FW2-NT(C1)	SEDGE CREEK (MacNamara)—Entire length	SE1(C1)
(Allaire State Park)—The easterly tributary to Mill		SHARK CREEK (Stone Harbor)—Entire length	SE1(C1)
Run upstream of Brisbane Lake, located entirely		SHARK RIVER (See also SHARK RIVER BROOK)	
within the Allaire State Park boundaries	FW2-NT(C1)	(Glendola)—Remsen Mill Road to Atlantic Ocean	SE1
(Freehold)—Tributaries within the boundaries of		SHARK RIVER BROOK (See also SHARK RIVER)	
Turkey Swamp Wildlife Management Area	FW2-NT(C1)	(Colts Neck)—Source to Rt. 33	FW2-NT(C1)
MARMORA WILDLIFE MANAGEMENT AREA		(Neptune)—Rt. 33 to Remsen Mill Road, including all	
(Strathmere)—All waters within the boundaries of Mar-	FW2-NT/SE1(C1)	unnamed tributaries	FW2-TM(C1)
mora Wildlife Management Area		TRIBUTARIES	
MARSH BOG BROOK		VREEVY BRANCH (Reevytown)—Source to conflu-	
(Farmingdale)—Entire length	FW2-NT(C1)	ence with Shark River Brook	FW2-NT(C1)
MASONS CREEK (Marmora)—Entire length	SE1(C1)	ROBINS SWAMP BROOK (Neptune)—Source to con-	
MCNEALS BRANCH—See TUCKAHOE RIVER		fluence with Shark River Brook	FW2-TM(C1)
METEDECONK RIVER		SARAH GREEN BROOK (Neptune)—Source to con-	
SOUTH BRANCH		fluence with Shark River Brook	FW2-TM(C1)
(Lakewood)—Entire length, including all tributaries	FW2-NT(C1)	SOUTH BROOK (Wall)—Source to confluence with	
NORTH BRANCH METEDECONK RIVER		Shark River Brook	FW2-TM(C1)
(Freehold)—Source to Aldrich Rd., including all trib-	FW2-NT(C1)	WEBLYS BROOK (Wall)—Source to confluence with	
utaries		Shark River Brook	FW2-NT(C1)
(Lakewood)—Aldrich Rd. to Lanes Mills, except	FW2-TM(C1)	SHELL THOROFARE (Wildwood Gables)—Entire	
Haystack Brook listed separately		length	SE1(C1)
(Brick)—Lanes Mills to confluence with Metedeconk	FW2-NT(C1)	SHELTER ISLAND BAY (Margate)	SE1(C1)
River, South Branch, including the westerly tribu-		SHELTER ISLAND WATERS (Margate)—Entire length	SE1(C1)
tary		SKIT BRANCH—See BATSTO RIVER	
MAIN STEM METEDECONK RIVER		SOD THOROFARE (Linwood)—Entire length	SE1(C1)
(Brick)—Confluence of North and South branches to	FW2-NT(C1)	SOUTHEAST CREEK (Stone Harbor)—Entire length	SE1(C1)
Forge Pond		SQUANKUM BROOK	
(Brick)—Forge Pond to Barnegat Bay	FW2-NT/SE1	(Squankum)—Entire length	FW2-NT(C1)
MIDDLE RIVER		STEELMAN BAY (Somers Point)	SE1(C1)
(Tuckahoe)—Entire length, except the segment de-	FW2-NT/SE1	SWAN POND (Marmora)	FW2-NT/SE1(C1)
scribed below		SWAN POND RACE (Marmora)—Entire length	FW2-NT/SE1(C1)
(Middletown)—Segment within the boundaries of Mac-	FW2-NT/SE1(C1)	TAUGH CREEK	
Namara Wildlife Management Area		(Whitesboro)—Entire length, except segment described	
MILE THOROFARE (Brigantine)—Entire length	SE1(C1)	below	SE1(C1)
MILL RUN (Allaire)—See BRISBANE LAKE		(Whitesboro)—Portions outside the boundaries of Mar-	
MINGAMAHONE BROOK		mora Wildlife Management Area	SE1
MAINSTEM		...	
(Farmingdale)—Entire length, except East Branch de-	FW2-TM(C1)	TIMBER SWAMP BROOK	
scribed separately below		(Oak Glen)—Manasquan Reservoir dam to its conflu-	
EAST BRANCH		ence with the Manasquan River	FW2-NT(C1)
(Farmingdale)—Source to confluence with mainstem	FW2-NT(C1)	TIMBER SWAMP BROOK (Oak Glen)—Manasquan	
north of Farmingdale		Reservoir dam to its confluence with the Manasquan	
MIRY RUN (MacNamara)—Entire length	FW2-NT/SE1(C1)	River	FW2-NT
MOTT CREEK (Brigantine)—Entire length	SE1(C1)	TINKER BRANCH—See GREAT EGG HARBOR	
MUD CREEK (MacNamara)—Entire length	SE1(C1)	RIVER	
MUDDY FORD BROOK (Larrabee's Crossing)—Entire	FW2-TM(C1)	TITMOUSE BROOK (Howell)—Entire length	FW2-TM(C1)
length		TOMMYS BRANCH—See BASS RIVER	

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Waterbody	Classification	Waterbody	Classification
BEERSKILL		CROSSWICKS CREEK (Bordentown)—Entire length	FW2-NT
(High Point State Park)—Source to boundary of High Point State Park at 41° 15' 48" N, 74° 45' 49" W	FW1(tp)	CROW CREEK (S. Dennis)—Entire length	FW2-NT/SE1(C1)
(Shaytown)—Boundary of High Point State Park to confluence with Little Flat Brook	FW2-TP(C1)	CULVER'S CREEK (Frankford)—Entire length	FW2-TM
BIG FLAT BROOK		CULVER'S LAKE (Frankford)	FW2-TM
(Montague)—Sawmill Pond to confluence with Parker Brook, except segments described under the listing for Flat Brook, below	FW2-NT(C1)	DEER LAKE (Sandyston)	FW2-NT(C1)
(Sandyston)—Confluence with Parker Brook, through the Blewitt Tract, to the confluence with Flat Brook, except tributaries described under the listing for Flat Brook, below	FW2-TP(C1)	DEER PARK BRANCH —See RANCOCAS CREEK	
(Tuttles Corner)—Outlet stream from Lake Ashroe to its confluence with Big Flat Brook	FW2-TP(C1)	DEER PARK POND	
BIG TIMBER CREEK		(Allamuchy)—Pond and tributaries to the pond within Allamuchy State Park, except those tributaries classified as FW1, below	FW2-NT(C1)
(Westville)—Entire length	FW2-NT	(Allamuchy)—All tributaries to the Pond and to its outlet stream that are located entirely within the boundaries of Allamuchy State Park	FW1
BLACKBIRD GUT (Newport)—Entire length	SE1(C1)	(Allamuchy)—Deer Park Pond outlet stream downstream to Musconetcong River	FW2-TM(C1)
BLACKS CREEK (Bordentown)—Entire length	FW2-NT	DELAWANNA CREEK	
BLAIR CREEK		(Delaware)—Source downstream to, but not including, Delaware Lake	FW2-TM
(Hardwick)—Source to Bass Lake	FW2-NT	(Delaware)—Delaware Lake dam downstream to Delaware River, including tributaries	FW2-TP(C1)
(Hardwick Center)—Bass Lake outlet to Paulins Kill	FW2-TM	DELAWARE AND RARITAN CANAL (Lambertville)—Entire length	FW2-NT
BOILER DITCH (Egg Island)—Entire length	FW2-NT/SE1(C1)	DELAWARE RIVER	
BOWERS BROOK (Hackettstown)—Source downstream to Rt. 517	FW2-TP(C1)	MAIN STEM (Interstate Waters—Classifications from Delaware River Basin Commission (DRBC))	
BRASS CASTLE CREEK (Brass Castle)—Entire length	FW2-TP(C1)	(State Line)—That portion of DRBC's Zone 1C from the New York-New Jersey state line to the proposed axis of the Tocks Island Dam at River Mile 217.0	Zone 1C
BROOKALOO SWAMP (Hope)—Entire length	FW2-TM	(Tocks Island)—Proposed axis of Tocks Island Dam at River Mile 217.0 to the mouth of the Lehigh River at Easton, Pennsylvania, at River Mile 183.66	Zone 1D
BUCKHORN CREEK (Hutchinson)—Entire length	FW2-TP(C1)	(Easton, Pa.)—Mouth of the Lehigh River at River Mile 183.66, to the head of tide at the Trenton-Morrisville Toll Bridge, Trenton at River Mile 133.4	Zone 1E
BUCKS DITCH (Mad Horse Creek)—Entire length	SE1(C1)	(Trenton)—Head of tide at the Trenton-Morrisville Bridge, Trenton, River Mile 133.4 to below the mouth of Pennypack Creek, Pennsylvania at River Mile 108.4	Zone 2
BUCKSHUTEM CREEK		(Philadelphia)—River mile 108.4 to below the mouth of Big Timber Creek, New Jersey, at River Mile 95.0	Zone 3
(Centre Grove)—Entire length, except segments described separately below	FW2-NT	(Gloucester)—River Mile 95.0 to the Pennsylvania-Delaware state line at River Mile 78.8	Zone 4
(Edward G. Bevan)—Creek and tributaries within the boundaries of Edward G. Bevan Wildlife Management Area, except those tributaries described separately below	FW2-NT(C1)	(Marcus Hook)—Pennsylvania-Delaware state line at River Mile 78.8 to Liston Pt., Delaware at River Mile 48.2	Zone 5
(Edward G. Bevan)—Joshua and Pine Branches to their confluence with Buckshtutem Creek	FW1	(Liston Point)—Delaware Bay from Liston Point, Delaware at River Mile 48.2 to River Mile 0.0 at the intersection of the centerline of the navigation channel and a line between Cape May Light and the tip of Cape Henlopen, Delaware	Zone 6(C1)
CAT GUT (Mad Horse Creek)—Entire length	SE1(C1)	TRIBUTARIES, DELAWARE RIVER	
CEDAR BRANCH (Manumuskin River)—Source to Manumuskin River	FW1	(Holland)—Entire length	FW2-TP(C1)
CEDAR BRANCH (Edward G. Bevan)—Entire length	FW1	(Port Jervis)—Unnamed or unlisted direct tributaries that are north of Big Timber Creek, are outside of the Pinelands Protection and Preservation Areas, and are not mapped as C1 waters by the Department	FW2-NT
CEDAR BRANCH (Edward G. Bevan)—See NANTUX-ENT CREEK	FW1	(Knowlton)—Source, north of Hope-Delaware Road, to confluence with the Delaware River 0.5 mile south of Ramseysburg	FW2-TP(C1)
CEDAR CREEK		(Titusville)—Unnamed tributaries through Washington Crossing State Park	FW2-NT(C1)
(Dividing Creek Station)—Entire length, except portions described separately below	FW2-NT	(Brooklawn)—Unnamed or unlisted direct tributaries, south of Big Timber Creek and north of Oldman's Creek, that are outside of the Pinelands Protection and Preservation Areas and are not mapped as C1 waters by the Department	FW2-NT/SE2
(Edward G. Bevan)—Those tributaries to Cedar Creek that originate in and are located entirely within the boundaries of Edward G. Bevan Wildlife Management Area	FW1	(Penns Grove)—Unnamed or unlisted direct tributaries, south of and including Oldmans Creek, that are outside of the Pinelands Protection and Preservation Areas and are not mapped as C1 waters by the Department	FW2-NT/SE1
CEDARVILLE POND (Cedarville)	FW2-NT(C1)	(Pinelands)—All streams or segments of streams which flow directly into the Delaware River, are within the boundaries of the Pinelands Area and are not classified as FW1 waters in this Table	PL
CHERRY TREE CREEK (Mad Horse Creek)—Entire length	SE1(C1)	DENNIS CREEK	
CLARKS POND (Bridgeton)	FW2-NT(C1)	(South Dennis)—Entire length, except segments described below	FW2-NT/SE1
CLEARVIEW CREEK (Hampton)—Source to Alms House Brook	FW2-NT	(Woodbine)—All tributaries within the boundaries of the Pinelands Protection and Preservation Areas	PL
CLINT MILLPOND (Beaver Swamp)	FW2-NT(C1)	(Dennis Creek)—Segment of the Creek, all tributaries, and all other surface waters within the boundaries of the Dennis Creek Wildlife Management Area	FW2-NT/SE1(C1)
CLOVE (MILL) BROOK			
(Montague)—Lake Marcia outlet to State line, except tributaries described below	FW2-TP(C1)		
(High Point State Park)—The second and third northerly tributaries to Clove Brook, the tributaries to Steeny Kill Lake, and those tributaries downstream of Steeny Kill Lake that originate in High Point State Park downstream to their confluence with Clove Brook or to the High Point State Park boundaries	FW1(tp)		
(High Point State Park)—Those northerly tributaries to Mill Brook that are located due west of Steeny Kill Lake, within the boundaries of High Point State Park	FW1(tp)		
COHANSEY RIVER (Bridgeton)—Entire length	FW2-NT/SE1		
COOPER BRANCH —See RANCOCAS CREEK			
COOPER RIVER (Camden)—Entire length	FW2-NT		
COPPERMINE BROOK (Pahaquarry)—Entire length	FW1		
COURTENY PONDS (Egg Island)	FW2-NT/SE1(C1)		
CRANBERRY LAKE (Byram)	FW2-TM(C1)		
CRANBERRY LAKE OUTLET STREAM			
(Byram)—Entire length within Cranberry Lake State Park	FW2-NT(C1)		
(Byram)—Stream outside of Cranberry Lake State Park	FW2-NT		
CRISS BROOK (Stokes State Forest)—Entire length within the boundaries of Stokes State Forest	FW1(tp)		

Waterbody	Classification	Waterbody	Classification
DEVILS GUT (Mad Horse Creek)—Entire length, except tributaries described below (Mad Horse Creek)—Tributaries outside the Mad Horse Creek Wildlife Management Area	SE1(C1) SE1	4. Lake Ocquittunk and waters connecting it with Big Flat Brook; 5. Stony Lake and its outlet stream (Stony Brook) to the confluence with Big Flat Brook; 6. Kittatinny Lake, that portion of its inlet stream outside the Stokes State Forest boundaries, and its outlet stream, including the Shotwell Camping Area tributary, to the confluence with Big Flat Brook; 7. Deer Lake and its outlet stream to Lake Ashroe; 8. Lake Ashroe, portions of its tributaries outside the Stokes State Forest boundaries, and its outlet stream to the confluence with Big Flat Brook; 9. Lake Shawanni and its outlet stream to its confluence with Flat Brook; 10. Crigger Brook and tributary to its confluence with Big Flat Brook (Del. Water Gap)—All tributaries to Flat Brook that flow from the Kittatinny Ridge and are located entirely within the boundaries of the Delaware Water Gap National Recreation Area	
DIVIDING CREEK (Dividing Creek)—Entire length, except those segments described below (Edward G. Bevan)—Those segments of tributaries that are located entirely within the boundaries of the Edward G. Bevan Wildlife Management Area	FW2-NT/SE1 FW1 SE1(C1)	FORKED BROOK (Stokes State Forest)—Entire length FURNACE (OXFORD) BROOK (Oxford)—Source to railroad bridge at Oxford (Oxford)—Railroad bridge to Pequest River FURNACE LAKE (Oxford) GARDNERS LAKE (Andover) GOOSE POND (Mad Horse Creek) GOSHEN CREEK (Woodbine)—Entire length except segment described below (Dennis Creek)—Segment and all tributaries within the Dennis Creek Wildlife Management Area Area	FW1 FW2-TP(C1) FW2-TP(C1) FW2-NT FW2-TM FW2-TM SE1(C1) SE1 SE1(C1)
DIVISION CREEK (Dix)—Entire length DOCTORS CREEK (Red Creek)—Entire length, except segment described below (Imlaystown)—Segment within Imlaystown Lake Wildlife Management Area	FW2-NT FW2-NT(C1) FW1	GRAVELLY RUN (Edward G. Bevan)—Downstream to the Edward G. Bevan Wildlife Management Area boundaries HAINESVILLE POND (Hainsville) HAKIHOKAKE CREEK (Milford)—Entire length including headwaters known as Little York Creek (Wydner)—Source to confluence with Hakihiokake Creek west of York Road HALFWAY HOUSE BROOK (Franklin)—Entire length HANCES BROOK (Rockport)—Entire length HARIHOKAKE CREEK (Alexandria)—Source to Rt. 519 bridge, including all tributaries (Frenchtown)—Rt. 519 bridge to Delaware River, including all tributaries HARRISONVILLE LAKE (Harrisonville) HATCHERY BROOK (Hackettstown)—Entire length HIGBEE BEACH (Higbee Beach Wildlife Management Area)—All waters within the boundaries of Higbee Beach Wildlife Management Area HIGHS BEACH (Highs Beach)—All waters within the Wildlife Management Area south of Highs Beach HONEY RUN (Hope)—Entire length HOPATCONG, LAKE (Hopatcong) ILLIF, LAKE (Andover) IMLAYSTOWN LAKE (Imlaystown) INDEPENDENCE CREEK (Alphano)—Source to Alphano Rd. (Alphano)—Alphano Rd. to Pequest River INDIAN DITCH (Egg Island)—Entire length ISLAND DITCH (Egg Island)—Entire length JACKSONBURG CREEK (Blairtown)—Entire length JACOBS CREEK (Hopewell)—Entire length JADE RUN (Lebanon State Forest) JOSHUA BRANCH —See BUCKSHUTEM CREEK KING POND (Egg Island) KITTATINNY LAKE (Sandyston) KITTATINNY LAKE TRIBUTARY (Stokes State Forest)—Source to boundary of Stokes State Forest (Sandyston)—State Forest boundary to Kittatinny Lake KNOWLTON BROOK (Knowlton)—Entire length KURTENBACH'S BROOK (Waterloo)—Entire length KYMER BROOK (Andover)—Entire length LAHAWAY CREEK (Propertown)—Entire length, except tributaries described separately below (Colliers Mills)—All tributaries which originate in the Colliers Mills Wildlife Management Area north-	FW2-NT/SE1 FW2-NT/SE1(C1) FW2-NT FW2-TP(C1) FW2-TP(C1) FW2-TP(C1) FW2-TP(C1) FW2-NT(C1) FW2-NT(C1) FW2-TM(C1) FW2-NT(C1) FW2-TM FW2-TM FW2-TM FW2-NT(C1) FW2-TP(C1) FW2-NT FW2-NT/SE1(C1) FW2-NT/SE1(C1) FW2-TM FW2-TM FW2-NT FW1 SE1(C1) FW2-NT(C1) FW1(tp) FW2-TP(C1) FW2-TP(C1) FW2-TP(C1) FW2-NT FW2-NT
DONKEY'S CORNER BROOK (Delaware Water Gap)—Entire length DRUMBO CREEK (Dix)—Entire length except segment described below (Dix)—Segment within the boundaries of Dix Wildlife Management Area DRY BROOK (Branchville)—Entire length DUCK POND (Swartswood) DUNNFIELD CREEK (Del. Water Gap)—Source to Rt. I-80 (Del. Water Gap)—Rt. I-80 to Delaware River, except tributaries described below (Worthington)—All unnamed waters that are located entirely within the boundaries of the Worthington State Forest	FW2-NT/SE1 FW2-NT/SE1(C1) FW2-NT FW2-NT(C1) FW1(tp) FW2-TP(C1) FW1	EAST CREEK (Dennis)—Source to boundaries of the Pinelands Protection and Preservation Area except those portions described separately below (Belleplain)—A stream and tributary that originate just south of East Creek Mill Rd., 1.2+ miles north-northeast of Eldora and are located entirely within the boundaries of Belleplain State Forest (Belleplain)—All tributaries to Lake Nummi from their origins downstream to the Lake (Eldora)—Boundary of the Pinelands Protection and Preservation Area to Delaware Bay except segment described separately below (Dennis Creek)—Segment within the boundaries of the Dennis Creek Wildlife Management Area ELDER GUT (Egg Island)—Entire length FIDDLERS CREEK (Titusville)—Entire length FISHING CREEK (Egg Island)—Entire length FISHING CREEK (Canton)—Source to Mad Horse Creek Wildlife Management Area and all tributaries outside of the boundaries of Mad Horse Creek Wildlife Management Area (Mad Horse Creek)—Creek and tributaries within the boundaries of Mad Horse Creek Wildlife Management Area	FW1 FW2-TP(C1) FW2-TP(C1) FW2-TP(C1) FW2-TP(C1) FW2-NT(C1) FW2-TM(C1) FW2-NT(C1) FW2-TM FW2-NT/SE1(C1) FW2-NT/SE1(C1) FW2-TM FW2-TM FW2-TM FW2-NT(C1) FW2-TP(C1) FW2-NT FW2-NT/SE1(C1) FW2-NT/SE1(C1) FW2-TM FW2-TM FW2-NT FW1 SE1(C1) FW2-NT(C1) FW1(tm) FW1
FLAT BROOK (Flatbrook-Roy)—Confluence of Big Flat Brook and Little Flat Brook to the boundary of Flatbrook-Roy Wildlife Management Area, except segments described below (Walpack)—Flatbrook-Roy Wildlife Management Area boundary to the Delaware River, except segments described below (Stokes State Forest)—Two tributaries to Flat Brook which originate along Struble Road in Stokes State Forest to their confluences with Flat Brook within the boundaries of Flatbrook-Roy Wildlife Management Area (High Point)—All surface water of the Flat Brook drainage area within the boundaries of High Point State Park and Stokes State Forest, except the following waters: 1. Saw Mill Pond and Big Flat Brook downstream to the confluence with Flat Brook; 2. Mashipacong Pond and its outlet stream (Parker Brook) to the confluence with Big Flat Brook; 3. Lake Wapalanne and its outlet stream to the confluence with Big Flat Brook;	FW2-TP(C1) FW2-TM(C1) FW1(tm) FW1	LAHAWAY CREEK (Propertown)—Entire length, except tributaries described separately below (Colliers Mills)—All tributaries which originate in the Colliers Mills Wildlife Management Area north-	FW2-NT FW2-NT/SE1(C1) FW2-NT/SE1(C1) FW2-TM FW2-TM FW2-NT FW1 SE1(C1) FW2-NT(C1) FW1(tp) FW2-TP(C1) FW2-TP(C1) FW2-TP(C1) FW2-NT FW2-NT

Waterbody	Classification	Waterbody	Classification
northeast of Archers Corners, from their sources to the boundaries of the Colliers Mills Wildlife Management Area	FW1	(Lindenwold)—Little Mill Rd. to confluence with Big Timber Creek	FW2-NT
LAKE—See listing under Name		MAURICE RIVER	
LITTLE EASE RUN		MAIN STEM	
(Glassboro)—Entire length, except portion described separately below	FW2-NT	(Willow's Grove)—Source to the boundary of the section of Union Lake Wildlife Management Area north of Vineland	FW2-NT
(Glassboro)—Run and tributaries within the Glassboro Wildlife Management Area, except tributary described separately below	FW2-NT(C1)	(Vineland)—Boundary of the Union Lake Wildlife Management Area to confluence with Blackwater Branch	FW2-NT(C1)
(Glassboro)—The portion of a branch of Little Ease Run situated immediately north of Stanger Avenue, and entirely within the Glassboro Wildlife Management Area	FW1	(Vineland)—Confluence with Blackwater Branch to Delaware Bay, except tributaries described under Tributaries below	FW2-NT/SE1
(Glassboro)—The first and second easterly tributaries to Little Ease Run north of Academy Road	FW1	TRIBUTARIES, MAURICE RIVER	
LITTLE FLAT BROOK		(Willow's Grove)—Those portions of tributaries that are within the boundaries of the Pinelands Protection and Preservation Area	PL
(High Point State Park)—Source to boundary of High Point State Park	FW1(tp)	(Vineland)—All tributaries within the boundaries of the Union Lake Wildlife Management Area and within the Wildlife Management Area that borders Delaware Bay	FW2-NT/SE1(C1) FW2-NT/SE1(C1)
(Layton)—State park boundary to, but not including, tributary described below, to confluence with Big Flat Brook	FW2-TP(C1)	MCCORMICK POND (Egg Island)	
(Flatbrook-Roy)—Tributary which originates north of Bevans-Layton Rd. downstream to the first pond adjacent to the Fish and Game headquarters building	FW1(tp)	MACDONALD BRANCH—See RANOCAS CREEK	
LITTLE NISHISAKAWICK CREEK		MERRILL CREEK (Harmony)—Entire length, but not including Merrill Creek Reservoir	FW2-TP(C1)
(Frenchtown)—Entire length	FW2-NT(C1)	MERRILL CREEK RESERVOIR (Harmony)	FW2-TM
LITTLE SHABACUNK CREEK (Lawrence)—Entire length	FW2-NT	MIDDLE BROTHERS CREEK (Egg Island)—Entire length	SE1(C1)
LITTLE SWARTSWOOD LAKE (Swartswood)	FW2-NT(C1)	MIDDLE MARSH CREEK	
LITTLE YORK CREEK (Little York)—Entire length	FW2-TP(C1)	(Dix)—All fresh waters which originate in and are located entirely within the boundaries of the Dix Wildlife Management Area	FW1 FW1
LOCKATONG CREEK		MILE BRANCH—Entire length	
(Kingwood)—Source to Idell Bridge	FW2-NT(C1)	MILL BROOK (Montague)—See CLOVE BROOK	
(Raven Rock)—Idell Bridge to Delaware River	FW2-TM(C1)	MILL BROOK (Broadway)—Entire length	FW2-TP(C1)
LOGAN POND (Repaupo)	FW2-NT(C1)	MILL CREEK	
LOMMASONS GLEN BROOK (Lommasons Glen)—Entire length	FW2-TP(C1)	(Carmel)—Entire length, except segment described below	FW2-NT
LONG POND (Mad Horse Creek)	SE1(C1)	(Union Lake)—Creek and tributaries within the boundaries of the Union Lake Wildlife Management Area	FW2-NT(C1)
LONE TREE CREEK (Egg Island)—Entire length	SE1(C1)	MINE BROOK	
LOPATCONG CREEK		(Mt. Olive)—Source to, but not including, Upper Mine Brook Reservoir, downstream to Lower Mine Brook Reservoir outlet	FW2-TM
(Phillipsburg)—Source to a point 560 feet (straight line distance) upstream of the Penn Central railroad track, including all tributaries	FW2-TP(C1)	(Mt. Olive)—Lower Mine Brook Reservoir outlet downstream to Drakestown Road bridge	FW2-TP(C1)
(Phillipsburg)—From a point 560 feet (straight line distance) upstream of the Penn Central railroad track downstream to the confluence with the Delaware River	FW2-TM	(Hackettstown)—Drakestown Road bridge downstream to confluence with Musconetcong River	FW2-TM
LOWER BROTHERS CREEK (Egg Island)—Entire length	SE1(C1)	TRIBUTARIES	
LOWER DEEP CREEK (Mad Horse Creek)—Entire length	SE1(C1)	(Drakestown)—Source downstream to, but not including, Burd Reservoir	FW2-TP(C1)
LUBBERS RUN (Byram)—Entire length	FW2-TM	(Drakestown)—Burd Reservoir downstream to confluence with Mine Brook	FW2-TM
MAD HORSE CREEK		(Washington)—Entire length of tributary which joins Mine Brook approximately 280 yards upstream of the confluence with the Musconetcong River	FW2-TP(C1)
(Canton)—Source to the boundary of Mad Horse Creek Wildlife Management Area and all tributaries outside the boundaries of the Wildlife Management Area	FW2-NT/SE1	MIRY RUN (Mercerville)—Entire length	FW2-NT
(Mad Horse Creek)—Creek and all waters within the Mad Horse Creek Wildlife Management Area	FW2-NT/SE1(C1)	MOORE CREEK (Hopewell)—Entire length	FW2-TM
MALAPATIS CREEK		MOUNT MISERY BROOK	
(Mad Horse Creek)—Entire length, except segment described below	SE1(C1)	(Woodmansie)—Entire length, except segments described below	PL
(Mad Horse Creek)—Portions of the Creek beyond the boundaries of the Mad Horse Creek Wildlife Management Area	SE1	SOUTH BRANCH, MOUNT MISERY BROOK	
MANANTICO CREEK		(Lebanon State Forest)—All tributaries to the South Branch that are located entirely within the boundaries of Lebanon State Forest	FW1
(Millville)—Entire length, except segment described below	FW2-NT	(Pasadena)—The two easterly branches of the Branch which are located entirely within the boundaries of the Pasadena Wildlife Management Area	FW1 FW2-TM
(Manantico)—Segment within the boundaries of the Manantico Ponds Wildlife Management Area	FW2-NT(C1)	MOUNTAIN LAKE (Liberty)	
MANTUA CREEK (Woodbury)—Entire length	FW2-NT/SE2	MOUNTAIN LAKE CREEK	
MARCIA LAKE		(Liberty)—Source to Mountain Lake	FW2-TM
(High Point State Park)—Entire length	FW2-TM(C1)	(White)—Mountain Lake dam to Pequest River	FW2-NT
(High Point State Park)—Outlet stream from the Lake to the confluence with Clove (Mill) Brook	FW2-TP(C1)	MUDDY BROOK (Hope)—Entire length	FW2-NT
MASHIPACONG POND (Montague)	FW2-NT(C1)	MUDDY CREEK	FW1
MASON CREEK		(Mad Horse Creek)—Entire length, except segments described below	SE1(C1)
(Springville)—Entire length, except segment described below	FW2-NT	(Mad Horse Creek)—Segments outside of the boundaries of the Mad Horse Creek Wildlife Management Area	SE1
(Medford)—Segment within Medford Wildlife Management Area	FW2-NT(C1)	MUDDY RUN	
MASONS RUN		(Elmer)—Entire length, except segments described below	FW2-NT
(Pine Hill)—Source to Little Mill Rd.	FW2-TP(C1)		

<u>Waterbody</u>	<u>Classification</u>	<u>Waterbody</u>	<u>Classification</u>
(Elmer)—Portion of the Run within Greenwood Pond Wildlife Management Area	FW2-NT(C1)	(Sussex Mills)—Entire length of tributary to the East Branch at Sussex Mills	FW2-NT(C1)
(Centerton)—Portion of the Run within Parvin State Park	FW2-NT(C1)	WEST BRANCH	
(Pittsgrove)—Portion of the Run within Union Lake Wildlife Management Area	FW2-NT(C1)	(Newton)—Entire length	FW2-NT
MUD POND (Johnsonburg)	FW1	MAIN STEM	
MUSCONETCONG RIVER		(Blairtown)—Confluence of East and West branches to Rt. 15 bridge (bench mark 507)	FW2-TM
(Hackettstown)—Lake Hopatcong dam to Delaware River, except tributaries described below	FW2-TM	(Hampton)—Rt. 15 bridge (bench mark 507) to Balesville dam	FW2-NT(C1)
TRIBUTARIES		(Hampton)—Balesville dam to Paulins Kill Lake dam	FW2-NT
(Anderson)—Entire length	FW2-TP(C1)	(Paulins Kill Lake)—Paulins Kill Lake dam to Delaware River, except tributaries described separately below	FW2-TM
(Changewater)—Entire length	FW2-TP(C1)	TRIBUTARIES, MAIN STEM	
(Deer Park Pond)—See DEER PARK POND		(Blairtown)—Entire length of tributary east of Walnut Valley	FW2-TM
(Franklin)—Entire length	FW2-TM	(Emmons Station)—Entire length	FW2-TP(C1)
(N. of Hackettstown)—Entire length	FW2-TP(C1)	(Stillwater)—Entire length	FW2-TM
(Lebanon)—Entire length	FW2-TP(C1)	(Stillwater Station)—Entire length	FW2-TP(C1)
(Port Murray)—Entire length	FW2-TP(C1)	PENNSAUKEN CREEK (Cinnaminson)—Entire length	FW2-NT
(S. of Point Mtn.)	FW2-TP(C1)	PEQUEST RIVER	
(S. of Schooley's Mtn. Brook)—Entire length	FW2-TP(C1)	(Tranquility)—Source to Tranquility bridge except segments described below	FW2-TM
(Waterloo)—Tributary west of Kurtenbach's Brook from source downstream to Waterloo Valley Road bridge	FW2-TP(C1)	(Whittingham)—Northwesterly tributaries, including Big Spring, located within the boundaries of the Whittingham Wildlife Management Area, southwest of Springdale, from their origins to their confluence with the Pequest River	FW1(tm)
MUSKEE CREEK		(Whittingham)—Stream and tributaries within the Whittingham Wildlife Management Area, except those classified as FW1, above	FW2-TM(C1)
(Port Elizabeth)—Source to boundary of Pinelands Protection and Preservation Area, except segments described separately below	PL	(Vienna)—Tranquility bridge to Lehigh and Hudson River railway bridge	FW2-NT
(Peaselee)—The Middle Branch from its origin to the boundaries of the Peaselee Wildlife Management Area	FW1	(Townsburg)—Lehigh and Hudson River railway bridge to the upstream most boundary of the Pequest Wildlife Management Area	FW2-NT(C1)
(Peaselee)—Those portions of the tributaries to Slab Branch which are located entirely within the boundaries of the Peaselee Wildlife Management Area	FW1	(Townsburg)—Upstream most boundary of the Pequest Wildlife Management Area boundary to the downstream most boundary of the Pequest Wildlife Management Area	FW2-TM(C1)
(Bricksboro)—Pinelands Protection and Preservation Area boundaries to Maurice River	FW2-NT	(Townsburg)—Downstream most Pequest Wildlife Management Area boundary to Delaware River	FW2-TM
NANCY GUT		TRIBUTARIES	
(Nantuxent)—Source to the boundary of Nantuxent Creek Wildlife Management Area	SE1(C1)	(Janes Chapel)—Headwater and tributaries downstream to the upstream boundary of Pequest Wildlife Management Area	FW2-TM
(Newport)—Stream and all tributaries outside of the boundaries of the Nantuxent Creek Wildlife Management Area	SE1	(Townsburg)—Tributaries within the Pequest Wildlife Management Area	FW2-TM(C1)
NANTUXENT CREEK		(Petersburg)—Headwaters and tributaries downstream to Ryan Road bridge	FW2-TP(C1)
(Newport Landing)—Entire length, except segment described below	FW2-NT/SE1	PIERSONS DITCH (Egg Island)—Entire length	FW2-NT/SE1(C1)
(Nantuxent)—All waters within the boundaries of Nantuxent Creek Wildlife Management Area	FW2-NT/SE1(C1)	PINE BRANCH—See BUCKSHUTEM CREEK	
NEW WAWAYANDA LAKE (Andover)	FW2-TM	PLUM BROOK (Sergeantsville)—Entire length	FW2-TM(C1)
NISHISAKAWICK CREEK (Frenchtown)—Entire length	FW2-NT(C1)	POHATCONG CREEK	
OLDMANS CREEK		MAIN STEM	
(Lincoln)—Entire length, except portion described below	FW2-NT/SE1	(Mansfield)—Source to Karrsville bridge, including all tributaries	FW2-TP(C1)
(Harrisonville)—Portion within Harrisonville Lake Wildlife Management Area	FW2-NT(C1)	(Pohatcong)—Karrsville bridge to Rt. 519 bridge, except tributaries listed separately	FW2-TM(C1)
OCQUITTUNK LAKE		(Springtown)—Rt. 519 bridge to Delaware River, including all tributaries	FW2-TP(C1)
(Stokes State Forest)—Entire lake	FW2-NT(C1)	TRIBUTARIES	
(Stokes State Forest)—From the outlet of the Lake to the confluence with Big Flat Brook	FW2-TP(C1)	(Greenwich)—Entire length	FW2-TP(C1)
OCQUITTUNK LAKE TRIBUTARY (Stokes State Forest)—Source to Ocquittunk Lake	FW1(tp)	(New Village)—Entire length	FW2-TP(C1)
ORANDAKEN CREEK		(Willow Grove)—Entire length	FW2-TP(C1)
(Fortescue)—Source to boundary of Egg Island Berrytown Wildlife Management Area	FW2-NT/SE1	POND BROOK (Middleville)—Swartswood Lake outlet to Trout Brook	FW2-NT
(Egg Island)—Creek and tributaries within the boundaries of the Egg Island Berrytown Wildlife Management Area	FW2-NT/SE1(C1)	POPHANDUSING BROOK	
PARGEY CREEK		(Hazen)—Source downstream to Route 519 bridge	FW2-TP(C1)
(Gibbstown)—Entire length, except segment described below	FW2-NT/SE2	(Belvidere)—Route 519 bridge downstream to confluence with the Delaware River	FW2-TM
(Logans Pond)—Segment within the boundaries of Logans Pond Wildlife Management Area	FW2-NT/SE2(C1)	RACCOON CREEK (Logan)—Entire length	FW2-NT/SE2
PARKER BROOK (Montague)—Entire length	FW2-TP(C1)	RANCOCAS CREEK	
PARVIN LAKE (Parvin State Park)	FW2-NT(C1)	NORTH BRANCH	
PATTYS FORK—See MAD HORSE CREEK		(North Hanover)—Source to boundary of the Pinelands Protection and Preservation Area at Pemberton	PL
PAULINA CREEK (Paulina)—Entire length	FW2-TM	(Pemberton)—Boundary of the Pinelands Protection and Preservation Area to the Delaware River, except tributaries described below	FW2-NT
PAULINS KILL		(Pemberton)—Tributaries within the boundaries of the Pinelands Protection and Preservation Areas	PL
EAST BRANCH		SOUTH BRANCH RANCOCAS CREEK	
(Andover)—Source to Limecrest quarry	FW2-NT(C1)		
(Lafayette)—Limecrest quarry to confluence with Paulins Kill, West Branch, except tributary described below	FW2-TP(C1)		
TRIBUTARY EAST BRANCH			

Waterbody	Classification	Waterbody	Classification
(Southampton)—Source to Pinelands Protection and Preservation Area boundaries at Rt. 206 bridge south of Vincentown	PL	SMITH FERRY BROOK (Del. Water Gap)—Entire length	FW1
(Vincentown)—Vincentown to Delaware River, except tributaries described separately below	FW2-NT	SPARTA JUNCTION BROOK (Sparta Junction)—Entire length	FW2-TM(C1) FW2-TP(C1)
(Vincentown)—All tributaries within the Pinelands Protection and Preservation Area	PL	SPRING MILLS BROOK (Milford)—Entire length	
COOPER BRANCH RANCOCAS CREEK		STEELE RUN	
(Woodmansie)—Entire length, except portions described separately, below	PL	(Washington Crossing State Park)—Source to confluence with westerly tributary	FW1
(Lebanon State Forest)—Branch and tributaries downstream to Pakim Pond, and tributaries to Cooper Branch located entirely within the Lebanon State Forest boundaries	FW1	(Titusville)—Confluence with westerly tributary to the Delaware River	FW2-NT FW1 FW2-NT(C1)
DEER PARK BRANCH RANCOCAS CREEK		STEENY KILL LAKE (High Point)	
(Buckingham)—Stream and tributaries near Buckingham to confluence with Pole Bridge Branch	FW1	STEEP RUN (Mauricetown)—Entire length	
MACDONALDS BRANCH RANCOCAS CREEK		STEPHENSBURG BROOK (Stephensburg)—Entire length	FW2-TP(C1) FW2-TP(C1)
(Woodmansie)—Entire length, except as described separately below	PL	STONY BROOK (Knowlton)—Entire length	
(Lebanon State Forest)—Branch and tributaries located entirely within Lebanon State Forest	FW1	STONY BROOK	
SHINNS BRANCH RANCOCAS CREEK		(Stokes State Forest)—Source and tributaries, wholly contained within Stokes State Forest, from their origins to, but not including, Stony Lake	FW1(tp)
(Lebanon State Forest)—Branch and tributaries located entirely within the boundaries of Lebanon State Forest, from their sources to the forest boundary	FW1	(Stokes State Forest)—Tributary originating approximately one mile west of the Branchville Reservoir to the confluence with Stony Brook	FW1(tp)
(Lebanon Lake Estates)—Forest boundary to lake	PL	(Stokes State Forest)—Outlet of Stoney Lake to the confluence with Big Flat Brook	FW2-TP(C1) FW2-TM(C1)
ROARING DITCH		STONEY LAKE (Stokes State Forest)	
(Heislerville)—Entire length, except segment described below	SE1	TRIBUTARIES—See STONY BROOK	
(Eldora)—Ditch and all tributaries within the Dennis Creek Wildlife Management Area boundaries	SE1(C1)	STOW CREEK	
ROWANDS POND (Clementon)—Pond, inlet stream and outlet stream within Rowands Pond Wildlife Management Area	FW2-NT(C1)	(Stow Creek Landing)—Entire length, except tributaries described separately below	FW2-NT/SE1
RUNDLE BROOK (Del. Water Gap)—Source to Sussex County Route 615	FW1	(Mad Horse Creek)—Tributaries within the boundaries of the Mad Horse Creek Wildlife Management Area	FW2-NT/SE1(C1) SE1(C1)
SALEM RIVER (Salem)—Entire length	FW2-NT/SE1	STRAIGHT CREEK (Berrytown)—Entire length	
SAMBO ISLAND BROOK (Del. Water Gap)—Entire length	FW1	SUNFISH POND (Worthington)—The pond and its outlet stream to the Delaware River	FW1
SAMBO ISLAND POND (Del. Water Gap)	FW1	SWAN CREEK (Lambertville)—Entire length	FW2-NT
SANDYSTON CREEK (Sandyston)—Entire length	FW2-TP(C1)	SWARTSWOOD CREEK (Swartswood)—Entire length	FW2-TM
SAVAGES RUN		SWARTSWOOD LAKE (Stillwater)	FW2-TM(C1)
(Belleplain State Forest)—Entire length, except portions described separately, below	PL	TAR HILL BROOK	
(Belleplain State Forest)—Those two tributaries and portions thereof downstream of Lake Nummi and all tributaries to Lake Nummi that are located entirely within the boundaries of Belleplain State Forest	FW1	(Lake Lenape)—Source to, but not including, Lake Lenape	FW2-TM
SAWMILL POND (High Point)	FW2-NT(C1)	(Lake Lenape)—Lake Lenape to Andover Junction Brook	FW2-NT FW2-NT/SE1(C1)
SCHOOLEYS MTN. BROOK (Schooley's Mtn.)—Entire length	FW2-TP(C1)	THREE MOUTHS (Egg Island)	
SHABAKUNK CREEK (Ewing)—Entire length	FW2-NT	THUNDERGUST BROOK	
SHABBECONG CREEK (Washington)—Entire length	FW2-TM(C1)	(Deerfield)—Entire length, except segment described below	FW2-NT
SHAWANNI CREEK		(Deerfield)—That segment within the boundaries of Parvin State Park	FW2-NT(C1) FW2-NT(C1)
(Stokes State Forest)—Headwaters and tributaries downstream to, but not including, Shawanni Lake	FW1(tp)	TILLMAN BROOK (Walpack)—Entire length	FW1(tp)
(Stokes State Forest)—Outlet of Shawanni Lake downstream to confluence with Flat Brook	FW2-TP(C1)	TROUT BROOK (Hackettstown)—Entire length	FW2-TM(C1)
SHAWANNI LAKE (Stokes State Forest)	FW2-NT(C1)	TROUT BROOK (Tranquility)—Entire length	FW2-TP(C1)
SHAWS MILL POND (Cedarville)	FW2-NT/SE1(C1)	TROUT BROOK (Hope)—Entire length	FW2-TM
TRIBUTARIES		TROUT BROOK (Allamuchy)—Entire length	FW2-NT
(Edward G. Bevan)—Cedar and Mile Branches to Shaw's Mill Pond	FW1	TROUT BROOK	
SHIMERS BROOK		(Middleville)—Source to confluence with Pond Brook	FW2-TP(C1)
(Millville)—Entire length, except those segments and tributaries designated FW1, below	FW2-TP(C1)	(Middleville)—Confluence with Pond Brook to Paulins Kill	FW2-NT
(High Point)—That segment of Shimers Brook and all tributaries within the boundaries of High Point State Park	FW1(tp)	TUNNEL BROOK (Oxford Mtn.)—Entire length, including all tributaries	FW2-TP(C1) FW2-TP(C1)
SHINNS BRANCH—See RANCOCAS CREEK		TURKEY HILL BROOK (Bethlehem)—Entire length	
SHIPETAUKIN CREEK (Lawrenceville)—Entire length	FW2-NT	TURNERS FORK—See MAD HORSE CREEK	
SHORE DITCH (Mad Horse Creek)—Entire length	SE1(C1)	TUTTLES CORNER BROOK (Tuttles Corner)—Entire length	FW2-TP(C1)
SILVER LAKE (Hope)	FW2-TM	UPPER BROTHERS CREEK (Egg Island)—Entire length	SE1(C1)
SILVER LAKE FORK—See MAD HORSE CREEK		UPPER DEEP CREEK (Mad Horse Creek)—Entire length	SE1(C1)
SLAB BRANCH—See MUSKEE CREEK		VANCAMPENS BROOK (Millbrook)—Entire length	FW2-TP(C1)
SLUICE CREEK		WAPALANNE LAKE (Stokes State Forest)	FW2-NT(C1)
(South Dennis)—Entire length, except segment described below	FW2-NT/SE1	WELDON BROOK (Barbertown)—Entire length	FW2-TP(C1)
(Dennis Creek)—Segments of tributaries that are within the Dennis Creek and the Beaver Swamp Wildlife Management Areas	FW2-NT/SE1(C1)	WELDON BROOK (Jefferson Township), from source to, but not including, Lake Shawnee	FW2-TM
		WEST CREEK	
		(Halberton)—Source to the boundary of the Pinelands Protection and Preservation Areas, except those portions described separately below	PL
		(Belleplain)—The portion of the tributary that originates about 0.9 miles southeast of Hoffman's Mill and is located entirely within the boundaries of Belleplain State Forest	FW1

<u>Waterbody</u>	<u>Classification</u>	<u>Waterbody</u>	<u>Classification</u>
(Belleplain)—Those tributaries that originate about 0.5 miles upstream of Hoffman's Mill and are located entirely within the boundaries of Belleplain State Forest	FW1	CEDAR POND (Potsville)—Pond and all tributaries	FW1
(Belleplain)—Eastern branch of the easterly tributary to Pickle Factory Pond from its origin to its confluence with the western branch	FW1	CHARLOTTEBURG RESERVOIR (Charlotteburg)	FW2-TM(C1)
(Delmont)—Boundary of the Pinelands Protection and Preservation Area to the boundary of the Fish and Game lands	FW2-NT/SE1(C1)	CHERRY RIDGE BROOK	
(Delmont)—Boundary of the Fish and Game lands to Delaware Bay	SE1	(Vernon)—Tributaries not contained within Wawayanda State Park and Newark Watershed lands	FW2-NT
WEST PORTAL CREEK (West Portal)—Entire length	FW2-TP(C1)	(Wawayanda State Park)—Brook and tributaries upstream of Canistear Reservoir located entirely within the boundaries of Wawayanda State Park and the Newark Watershed lands	FW1
WHITE BROOK (Montague)—Entire length	FW2-TP(C1)	CLINTON BROOK	
WHITE LAKE (Hardwick)	FW2-TM	(W. Milford)—Clinton Reservoir dam to Pequannock River	FW2-TP(C1)
WICKECHEOKE CREEK		CLINTON RESERVOIR (W. Milford)	FW2-TM(C1)
(Locktown)—Source to confluence with Plum Brook	FW2-NT(C1)	CLOVE BROOK—See STAG BROOK	
(Stockton)—Confluence with Plum Brook to Delaware River	FW2-TM(C1)	COOLEY BROOK	
WIDGEON PONDS (Egg Island)	FW2-NT/SE1(C1)	(W. Milford)—Entire length, except segments described below	FW2-TP(C1)
WILLS BROOK (Mt. Olive)—Entire length	FW2-TM	(Hewitt State Forest)—Segments of the brook and all tributaries which originate and are located entirely within Hewitt State Forest	FW1(tp)
YARDS CREEK (Blairstown)—Entire length	FW2-TP(C1)	CORYS BROOK (Warren)—Entire length	FW2-NT
		CRESSKILL BROOK	
		(Alpine)—Source to Duck Pond Rd. bridge, Demarest (Demarest)—Duck Pond Rd. bridge to Tenakill Brook	FW2-TP(C1)
		CROOKED BROOK TRIB. (East of Sheep Hill)—Entire length	FW2-NT(C1)
		CUPSAB BROOK	FW2-TP(C1)
		(Skylands)—Source to Wanaque Reservoir, except segment described below	
		(Ringwood State Park)—That segment of Cupsaw Brook within the boundaries of Ringwood State Park	FW2-NT
		DEAD RIVER (Liberty Corners)—Entire length	FW2-NT(C1)
		DEN BROOK (Randolph)—Entire length	FW2-NT
		TRIBUTARY	
		(Randolph)—Tributary west of Shongum Lake	FW2-TP(C1)
		DUCK POND (Ringwood)	FW2-NT(C1)
		ELIZABETH RIVER	
		(Elizabeth)—Source to Broad St. bridge, Elizabeth and all freshwater tributaries	FW2-NT
		(Elizabeth)—Broad St. bridge to mouth	SE3
		FOX BROOK (Mahwah)—Entire length	FW2-NT
		GLASMERE POND (Ringwood)	FW2-NT(C1)
		GOFFLE BROOK (Hawthorne)—Entire length	FW2-NT
		GRANNEY BROOK—See SPRING BROOK	
		GRANNIS BROOK (Morris Plains)—Entire length	FW2-NT
		GREAT BROOK	
		(Chatham)—Entire length, except segment described below	FW2-NT
		(Great Swamp)—Segment within the boundaries of the Great Swamp National Wildlife Refuge	FW2-NT(C1)
		GREEN BROOK	
		(W. Milford)—Entire length, except those segments described below	FW2-TP(C1)
		(Hewitt State Forest)—These segments and tributaries which originate and are located entirely within the Hewitt State Forest boundaries	FW1(tp)
		GREEN POND (Rockaway)	FW2-TM
		GREEN POND BROOK	
		(Picatinny Arsenal)—Green Pond outlet to, but not including, Picatinny Lake	FW2-TP(C1)
		(Wharton)—Outlet of Picatinny Lake to the confluence with the Rockaway River	FW2-NT
		GREENWOOD LAKE (W. Milford)	FW2-TM
		HACKENSACK RIVER	
		(Oradell)—New York/New Jersey State line to Oradell dam, including Lake Tappan and all tributaries draining to the Hackensack River above Oradell Dam	FW2-NT(C1)
		(Oradell)—Main stem and saline tributaries from Oradell dam to the confluence with Overpeck Creek	SE1
		(Little Ferry)—Main stem and saline tributaries from Overpeck Creek to Route 1 and 9 crossing	SE2
		(Kearny Point)—Main stem downstream from Route 1 and 9 crossing	SE3
		TRIBUTARIES	
		(Oradell)—Tributaries joining the main stem between Oradell dam and the confluence with Overpeck Creek	FW2-NT/SE1
		(Little Ferry)—Tributaries joining the main stem downstream of Overpeck Creek	FW2-NT/SE2
		HANKS POND (Clinton)—Pond and all tributaries	FW1
		HARMONY BROOK (Brookside)—Entire length	FW2-TP(C1)
		HARRISONS BROOK (Bernards)—Entire length	FW2-NT
		HAVEMEYER BROOK (Mahwah)—Entire length	FW2-TP(C1)

(e) The surface water classifications in Table 3 are for waters of the Passaic, Hackensack and New York Harbor Complex Basin:

TABLE 3

<u>Waterbody</u>	<u>Classification</u>	<u>Waterbody</u>	<u>Classification</u>
APSHAWA BROOK (Macopin)—Entire length	FW2-TP(C1)		
ARTHUR KILL			
(Perth Amboy)—The Kill and its saline New Jersey tributaries between the Outerbridge Crossing and a line connecting Ferry Pt., Perth Amboy to Wards Pt., Staten Island, New York	SE2		
(Elizabeth)—From an east-west line connecting Elizabethport with Bergen Pt., Bayonne to the Outerbridge Crossing	SE3		
(Woodbridge)—All freshwater tributaries	FW2-NT		
BEAR SWAMP BROOK (Mahwah)—Entire length	FW2-TP(C1)		
BEAR SWAMP LAKE (Ringwood State Park)	FW2-NT(C1)		
BEAVER BROOK			
(Meriden)—From Splitrock Reservoir Dam downstream to Meriden Road bridge	FW2-TP(C1)		
(Denville)—Meriden Road Bridge to Rockaway River	FW2-NT		
TRIBUTARIES			
(Meriden)—Two tributaries located approximately three quarters of a mile southwest of Meriden	FW2-TP(C1)		
BEECH BROOK			
(West Milford)—From State line downstream to Monksville Reservoir	FW2-TM		
BELCHER CREEK (W. Milford)—Entire length	FW2-NT		
BERRYS CREEK (Secaucus)—Entire length	FW2-NT/SE2		
BLACK BROOK			
(Meyersville)—Entire length, except segment described below	FW2-NT		
(Great Swamp)—Segment and tributaries within the Great Swamp National Wildlife Refuge	FW2-NT(C1)		
BLUE MINE BROOK			
(Wanaque)—Headwaters downstream to lower Snake Den Road bridge	FW2-TP(C1)		
(Wanaque)—Lower Snake Den Road bridge to the boundary of Norvin Green State Forest	FW2-TM		
(Norvin Green State Forest)—That portion of the stream and any tributaries within the Norvin Green State Forest	FW2-TM(C1)		
BOONTON RESERVOIR—See JERSEY CITY RESERVOIR			
BRUSHWOOD POND (Ringwood State Park)	FW2-TM(C1)		
BUCKABEAR POND (Newfoundland)—Pond, its tributaries and connecting stream to Clinton Reservoir	FW2-NT(C1)		
BURNT MEADOW BROOK (Green Pond)—Source downstream to confluence with Green Pond Brook	FW2-NT		
BURNT MEADOW BROOK (Stonetown)—Entire length	FW2-TP(C1)		
CANISTEAR RESERVOIR (Vernon)	FW2-TM		
CANISTEAR RESERVOIR TRIBUTARY (Vernon)—The southern branch of the eastern tributary to the Reservoir	FW1		
CANOE BROOK (Chatham)—Entire length	FW2-NT		

Waterbody	Classification	Waterbody	Classification
HEWITT BROOK (W. Milford)—Entire length	FW2-TP(C1)	NEWARK BAY (Newark)—North of an east-west line connecting Elizabethport with Bergen Pt., Bayonne up to the mouths of the Passaic and Hackensack Rivers	SE3
HIBERNIA BROOK		NOSSENZO POND (Upper Macopin)	FW2-NT(C1)
(Marcella)—Source to first Green Pond Road bridge downstream of Lake Emma	FW2-TP(C1)	OAK RIDGE RESERVOIR (Oak Ridge)	FW2-TM
(Hibernia)—First Green Pond Road bridge to confluence with Beaver Brook	FW2-TM	OAK RIDGE RESERVOIR (Oak Ridge)—Northwestern tributary to Reservoir	FW1(tm)
TRIBUTARY		OHIO BROOK (Morris Township)—Source downstream to Morristown town line	FW2-TM
(Lake Ames)—Source to, but not including, Lake Ames	FW2-TP(C1)	ORADELL RESERVOIR (Oradell)	FW2-NT(C1)
HIGH MOUNTAIN BROOK (Ringwood)—Source to, but not including, Skyline Lake	FW2-TP(C1)	TRIBUTARIES	
HOHOKUS BROOK (Hohokus)—Entire length	FW2-NT/SE2	(Oradell)—All named and unnamed tributaries that are not listed separately, that drain into Oradell Reservoir above the Oradell Dam	FW2-NT(C1)
HUDSON RIVER		OVERPECK CREEK (Palisades Park)—Entire length	FW2-NT/SE2
(Rockleigh)—River and saline portions of New Jersey tributaries from the New Jersey-New York boundary line in the north to its confluence with the Harlem River, New York	SE1	PACOCK BROOK	
(Englewood Cliffs)—River and saline portions of New Jersey tributaries from the confluence with the Harlem River, New York to a north-south line connecting Constable Hook (Bayonne) to St. George (Staten Island, New York)	SE2	(Canistear)—Brook and tributaries upstream of Canistear Reservoir located entirely within the boundaries of the Newark Watershed	FW1
TRIBUTARIES		(Stockholm)—Outlet of Canistear Reservoir to Pequannock River	FW2-NT
(Rockleigh)—Freshwater portions of tributaries to the Hudson River in New Jersey	FW2-NT	PASCACK BROOK (Hackensack)—New York/New Jersey State line to confluence with the Oradell Reservoir, including Woodcliff Lake, and all tributaries	FW2-NT(C1)
INDIAN GROVE BROOK		PASSIAC RIVER	
(Bernardsville)—Entire length	FW2-TP(C1)	(Mendham)—Source downstream to, but not including, Osborn Pond or tributaries described separately below	FW2-TP(C1)
JACKSON BROOK		(Paterson)—Outlet of Osborn Pond to Dundee Lake dam	FW2-NT
(Mine Hill)—Source to the boundary of Hurd Park, Dover	FW2-TP(C1)	(Little Falls)—Dundee Lake dam to confluence with Second River	FW2-NT/SE2
(Dover)—Hurd Park to Rockaway River	FW2-NT	(Newark)—Confluence with Second River to mouth	SE3
JENNINGS CREEK (W. Milford)—State line to Wanaque River	FW2-TP(C1)	TRIBUTARIES	
JERSEY CITY RESERVOIR (Boonton)	FW2-TM(C1)	(Great Piece Meadows State Park)—Tributaries within Great Piece Meadows State Park	FW2-NT(C1)
KANOUSE BROOK (Newfoundland)—Entire length	FW2-TP(C1)	PECKMAN RIVER	
KIKEOUT BROOK (Butler)—Entire length	FW2-NT	(Verona)—Entire length	FW2-NT
KILL VAN KULL (Bayonne)—Westerly from a north-south line connecting Constable Hook (Bayonne) to St. George (Staten Island, New York)	SE3	PEQUANNOCK RIVER	
LAKE RICKONDA OUTLET STREAM		MAIN STEM	
(Monks)—That segment of the outlet stream from Lake Rickonda within Ringwood State Park	FW2-TM(C1)	(Vernon)—Source to confluence with Pacock Brook (Hardyston)—River and the easterly tributary from Pacock Brook to, but not including, Oak Ridge Reservoir	FW1(TP)
LAKE STOCKHOLM BROOK		(Newfoundland)—Outlet of Oak Ridge Reservoir downstream to, but not including Charlotteburg Reservoir	FW2-TP(C1)
(Stockholm)—Entire length, except tributaries described separately below	FW2-TP(C1)	(Charlotteburg)—Outlet of Charlotteburg Reservoir to, but not including, Macopin Reservoir or the tributaries described separately below	FW2-TP(C1)
(Stockholm)—Portion of westerly tributary, from its origins to about 1,000 feet south of the Route 23 bridge, located entirely within the boundaries of the Newark watershed	FW1(tp)	(Kinnelon)—Macopin Reservoir outlet to Hamburg Turnpike bridge in Pompton Lakes Borough	FW2-TP(C1)
(Stockholm)—Brook between Hamburg Turnpike and Vernon-Stockholm Rd. to its confluence with Lake Stockholm Brook, north of Rt. 23	FW1(tp)	(Riverdale)—Hamburg Turnpike bridge in Pompton Lakes Borough to confluence with Wanaque River	FW2-TM
LITTLE POND BROOK (Oakland)—Entire length	FW2-TP(C1)	(Pompton Plains)—Confluence with Wanaque River downstream to confluence with Pompton River	FW2-NT
LOANTAKA BROOK		TRIBUTARIES	
(Green Village)—Entire length, except segment described below	FW2-NT	(Cooperas Mtn.)—Entire length	FW2-TP(C1)
(Great Swamp)—Brook and all tributaries within the boundaries of Great Swamp National Wildlife Refuge	FW2-NT(C1)	(Smoke Rise)—Entire length	FW2-TP(C1)
LUD-DAY BROOK—(Camp Garfield)—Source downstream to its confluence with the southwestern outlet stream from Clinton Reservoir just upstream of the confluence of the outlet stream and a tributary from Camp Garfield	FW1	(Green Pond Junction)—Tributary at Green Pond Junction from its origin downstream to Route 23	FW1(tm)
MACOPIN RIVER		(Jefferson)—Tributary joining the main stem about 3,500 ± feet southeast of the Sussex Passaic County line, near Jefferson from its origin to about 2,000 feet upstream of the pond	FW1(tm)
(Newfoundland)—Source to Echo Lake dam	FW2-NT	(Lake Kampfe)—Source to, but not including, Lake Kampfe	FW2-TM
(Newfoundland)—Echo Lake dam downstream to Pequannock River	FW2-TP(C1)	(Lake Kampfe)—Lake Kampfe to Pequannock River, except tributary described separately below	FW2-NT
MEADOW BROOK		(Lake Kampfe)—Tributary within the boundaries of Norvin Green State Forest, originating west of Torne Mtn.	FW2-NT(C1)
(Wanaque)—Skyline Lake to E. Belmont Ave.	FW2-NT	PILES CREEK (Grasselli)—Entire length	SE3
(Wanaque)—E. Belmont Ave. downstream to Wanaque River	FW2-TP(C1)	POMPTON LAKE (Pompton Lakes)	FW2-NT
MILL BROOK		POMPTON RIVER (Wayne)—Entire length	FW2-NT
(Randolph)—Source to Rt. 10 bridge	FW2-TP(C1)	POND BROOK (Oakland)—Entire length	FW2-NT
(Randolph)—Rt. 10 bridge to Rockaway River	FW2-TM	POSTS BROOK	
TRIBUTARIES		(Bloomington)—Source to confluence with Wanaque River, except Wanaque Reservoir, and segment described below	FW2-NT
(N. of Union Hill)—Entire length	FW2-TP(C1)	(Norvin Green State Forest)—That segment of the stream and all tributaries within the boundaries of Norvin Green State Forest	FW2-NT(C1)
MONKSVILLE RESERVOIR (Long Pond Ironworks State Park)	FW2-TM(C1)		
MORSES CREEK (Linden)—Entire length	FW2-NT/SE3		
MOSSMANS BROOK—(West Milford)—Source to confluence with Clinton Reservoir	FW2-TP(C1)		
MT. TABOR BROOK (Morris Plains)—Entire length	FW2-NT		

Waterbody	Classification	Waterbody	Classification
PREAKNESS (SINGAC) BROOK (Wayne)—Source to, but not including, Barbour Pond (Barbour Pond)—Pond to Passaic River	FW2-TP(C1) FW2-NT	TIMBER BROOK (Farny State Park)—Headwater segment of tributary to Timber Brook within Farny State Park	FW2-NT(C1) FW2-NT
PRIMROSE BROOK (Harding)—Source to Lees Hill Road bridge (Harding)—Lees Hill Road bridge to Great Swamp National Wildlife Refuge boundary (Great Swamp)—Wildlife Refuge boundary to Great Brook	FW2-TP(C1) FW2-NT FW2-NT(C1)	TROY BROOK (Troy Hills)—Entire length WALLACE BROOK (Randolph)—Source downstream to, but not including Hedden Park Lake	FW2-TP(C1) FW2-TM(C1)
RAHWAY RIVER SOUTH BRANCH (Rahway)—Source to Hazelwood Ave., Rahway (Rahway)—Hazelwood Ave. to mouth MAIN STEM (Rahway)—Upstream of Pennsylvania Railroad bridge (Linden)—Penn. Railroad bridge to Route 1 and 9 crossing (Carteret)—Route 1 and 9 crossing to mouth	FW2-NT SE2 FW2-NT SE2 SE3	WANAQUE RESERVOIR WANAQUE RIVER MAIN STEM (Wanaque)—Greenwood Lake outlet, through Wanaque Wildlife Management Area and Long Pond Iron Works State Park, including the Monksville Reservoir, to the Monksville Reservoir Dam at Stone-town Road, except tributary described separately below (Hewitt)—Entire length of tributary south of Jennings Creek (Pompton Lakes)—Wanaque Reservoir dam to Wanaque Ave. bridge (Pompton Lakes)—Wanaque Ave. bridge downstream to Pequannock River	FW2-TM(C1) FW2-TP(C1) FW2-NT FW2-TM FW2-TP(C1) FW1 FW2-NT(C1)
RAMAPO LAKE (Ramapo)—Lake and all outlet streams and tributaries within the boundaries of Ramapo Mtn. State Forest	FW2-NT(C1)	WEST BROOK (W. Milford)—Entire length WEST POND (Hewitt) WEYBLE POND (Ringwood)	FW2-TP(C1) FW1 FW2-NT(C1)
RAMAPO RIVER (Mahwah)—State line to Pompton River	FW2-NT	WHIPPANY RIVER (Brookside)—Source to Whitehead Rd. bridge (Morristown)—Whitehead Rd. bridge to Rockaway River	FW2-TP(C1) FW2-NT
TRIBUTARY (Oakland)—Entire length	FW2-TP(C1)	TRIBUTARIES (Brookside)—Entire length (E. of Brookside)—Entire length (E. of Washington Valley)—Entire length (Gillespie Hill)—Entire length (Shongum Mtn.)—Entire length	FW2-TP(C1) FW2-TM FW2-TM FW2-TP(C1) FW2-NT FW2-NT(C1) FW2-NT/SE3 FW2-NT(C1)
RINGWOOD CREEK (Ringwood)—Entire length, except segment described below (Sloatsburg)—Creek within Ringwood State Park	FW2-TM FW2-TM(C1) FW2-NT(C1)	WONDER LAKE (West Milford) WOODBIDGE CREEK (Woodbridge)—Entire length WOODCLIFF LAKE (Woodcliff Lake)	FW2-TP(C1) FW2-NT(C1) FW2-NT(C1)
RINGWOOD MILL POND (Ringwood)	FW2-NT(C1)		
ROCKAWAY RIVER (Wharton)—Source to Washington Pond outlet, excluding the segment within the boundaries of the Berkshire Valley Wildlife Management Area (Berkshire Valley)—That segment within the boundaries of the Berkshire Valley Wildlife Management Area (Dover)—Washington Pond outlet downstream to Rt. 46 bridge (Boonton)—Rt. 46 bridge to Passiac River, excluding Jersey City Reservoir	FW2-NT FW2-TP(C1) FW2-NT FW2-NT(C1) FW2-TM(C1) FW2-NT		
RUSSIA BROOK (Sparta)—Source to Lake Hartung dam (Milton)—Lake Hartung dam to, but not including, Lake Swannanoa	FW2-NT FW2-TM		
TRIBUTARIES (S. of Mt. Paul)—Entire length	FW2-TP(C1)		
SADDLE RIVER (Upper Saddle River)—State line to Bergen County Rt. 2 bridge (Saddle River)—Bergen County Rt. 2 bridge to Allendale Rd. bridge (Lodi)—Allendale Rd. bridge to Passaic River	FW2-TP(C1) FW2-TM FW2-NT/SE3 FW2-NT FW2-TM FW2-TM(C1)		
SAWMILL CREEK (Pompton Plains)—Entire length SCARLET OAK POND (Mahwah) SHEPPARD LAKE (Ringwood) SINGAC BROOK—See PREAKNESS BROOK SLOUGH BROOK (Livingston)—Entire length SMITH CREEK (Woodbridge)—Entire length SPLIT ROCK RESERVOIR (Rockaway) SPLIT ROCK RESERVOIR TRIBUTARIES (Farny State Park)—Three tributaries within Farny State Park	FW2-NT FW2-NT/SE3 FW2-TM FW2-NT(C1)		
SPRING (GRANNEY) BROOK (Mine Hill)—Entire length SPRING GARDEN BROOK (Florham)—Entire length STAG (CLOVE) BROOK (Mahwah)—Entire length STEPHENS BROOK (Roxbury)—Entire length, except segment described separately, below (Berkshire Valley)—That segment north of the boundaries of the Berkshire Valley Wildlife Management Area	FW2-TP(C1) FW2-NT FW2-TP(C1) FW2-NT		
STONE HOUSE BROOK (Kinnelon)—Entire length STONY BROOK (Boonton)—Entire length SURPRISE LAKE (Hewitt) SWAN POND (Ringwood) TAPPAN, LAKE (Old Tappan) TENAKILL BROOK (Demarest)—Entire length, including all tributaries, except Cresskill Brook TERRACE POND (Wawayanda) TIMBER BROOK (Kitchell)—Entire length, except tributary described separately below	FW2-NT FW2-NT FW1 FW2-NT(C1) FW2-NT(C1) FW2-NT(C1) FW2-NT(C1) FW2-NT(C1) FW2-NT		

(f) The surface water classifications in Table 4 are for waters of the Raritan River and Raritan Bay Basin:

TABLE 4

Waterbody	Classification
ALLERTON CREEK (Allerton)—Entire length	FW2-NT
AMBROSE BROOK (Piscataway)—Entire length	FW2-NT
AMWELL LAKE (Snydertown)	FW2-NT(C1)
ASSISCONG CREEK (Flemington)—Entire length	FW2-NT
BACK BROOK (Vanliew's Corners)—Entire length	FW2-NT
BALDWINS CREEK (Pennington)—Entire length, except segment described separately below (Baldwin)—Segment within the boundaries of Baldwin Lake Wildlife Management Area	FW2-NT FW2-NT(C1)
BARCLAY BROOK (Redshaw Corners)—Entire length	FW2-NT
BEAR BROOK (West Windsor)—Entire length	FW2-NT
BEAVER BROOK (Cokesbury)—Source to Reformatory Road bridge (Annandale)—Reformatory Rd. bridge to Beaver Ave. bridge (Annandale)—Beaver Ave. bridge downstream to the lower most I-78 bridge (Clinton)—Lower most I-78 bridge downstream to the South Branch Raritan River	FW2-TP(C1) FW2-TM FW2-TP(C1) FW2-TM
BEDEN BROOK (Montgomery)—Entire length	FW2-NT
BIG BROOK (Vanderberg)—Entire length	FW2-NT
BLACK BROOK (Polktown)—Entire length	FW2-TP(C1)
BLACK RIVER—See LAMINGTON RIVER	
BLACKBERRY CREEK (Oceanport)—Source to a line beginning on the easternmost extent of Gooseneck Point and bearing approximately 162 degrees True North to its terminus on the westernmost extent of an unnamed point of land in the vicinity of the western extent of Cayuga Ave. in Oceanport (Oceanport)—Creek below the line described above	SE1 SE1(C1)
BLUE BROOK (Mountainside)—Entire length	FW2-NT
BOULDER HILL BROOK (Tewksbury)—Entire length	FW2-TP(C1)
BOUND BROOK (Dunellen)—Entire length	FW2-NT
BRANCHPORT CREEK	

Waterbody	Classification	Waterbody	Classification
(Long Branch)—Source to a line beginning on the northernmost extent of an unnamed point of land lying north of Pocano Ave. in Oceanport and bearing approximately 055 degrees True North to its terminus on the westernmost extent of the northern bulkhead at the lagoon located between France Rd. and Lori Rd. in Monmouth Beach		(Pottersville)—Confluence with Rinehart Brook to Camp Brady bridge, Bedminster	FW2-TP(C1)
(Monmouth Beach)—Creek below line described above		(Vlietown)—Camp Brady bridge to Rt. 523 bridge (Burnt Mills)—Rt. 523 to North Branch, Raritan River	FW2-TM
BUDD LAKE (Mt. Olive)	FW2-NT(C1)	TRIBUTARY (Ironia)—Source downstream to, but not including, Bryant Pond	FW2-TP(C1)
TRIBUTARIES		LAWRENCE BROOK	
(E. of Budd Lake)—Entire Length	FW2-TM	(Deans)—Source to the intake of the New Brunswick Water Department at Weston's Mill Dam	FW2-NT
(W. of Budd Lake)—Entire Length	FW2-NT	(New Brunswick)—Weston's Mill Dam to Raritan River	SE1
BURNETT BROOK (Ralston)—Entire length	FW2-TP(C1)	LEDGEWOOD BROOK (Ledgewood)—Entire length	FW2-TP(C1)
BUSHKILL BROOK		LITTLE BROOK (Califon)—Entire length	FW2-TP(C1)
(Flemington)—Source and tributary downstream to Rt. 31 Bridge	FW2-TM	LITTLE SILVER CREEK	
(Flemington)—Rt. 31 bridge downstream to South Branch Raritan River	FW2-NT	(Shrewsbury)—Source to a line beginning on the eastern bank of that unnamed lagoon located between Wardell Ave. and Oakes Rd. in Rumson and bearing approximately 171 degrees T (True North) to its terminus on the south shore of Little Silver Creek	FW2-NT/SE1
CAPOOLONG (CAKEPOULIN) CREEK (Sydney)—Entire length	FW2-TP(C1)	(Rumson)—Creek below line described above	SE1(C1)
CEDAR BROOK (Spotswood)—Entire length	FW2-NT	LOMERSON BROOK—See HERZOG BROOK	
CHAMBERS BROOK (Whitehouse)—Entire length	FW2-NT	MANALAPAN BROOK	
CHEESEQUAKE STATE PARK WATERS (S. Amboy)—Fresh waters within the park upstream of the limits of tidal influence	FW2-NT(C1)	(Jamesburg)—Source to Duhernal Lake dam except tributary described separately below	FW2-NT
CLAYPIT CREEK		(Tennent)—That portion of the tributary at Tennent along the boundary of Monmouth Battlefield State Park	FW2-NT(C1)
(Navesink)—Source to widening of the Creek near Linden Ave. and just north to the Locust Ave. bridge in Navesink		MATCHAPONIX BROOK (WEAMACONK CREEK)	
(Navesink)—Widening of Creek to Navesink River	FW2-NT/SE1	(Mount Mills)—Entire length, except segments described below	FW2-NT
COLD BROOK (Oldwick)—Entire length	SE1(C1)	(Freehold)—The brook and tributaries within the boundaries of Monmouth Battlefield State Park	FW2-NT(C1)
CRAMERS CREEK (Hamden)—Entire length	FW2-TP(C1)	MCGELLAIRDS BROOK	
CRANBURY BROOK (Old Church)—Entire length	FW2-NT	(Englishtown)—Entire length, except tributary described separately below	FW2-NT
CRUSER BROOK (Montgomery)—Entire length	FW2-NT	(Freehold)—Tributary within Monmouth Battlefield State Park	FW2-NT(C1)
CUCKELS BROOK (Bridgewater)—Entire length	FW2-NT	MCVICKERS BROOK (Mendham)—Entire length	FW2-TM
DAWSONS BROOK (Ironia)—Entire length	FW2-TP(C1)	MIDDLE BROOK (Greater Cross Roads)—Entire length	FW2-NT
DEEP RUN (Old Bridge)—Entire length	FW2-NT	MIDDLE BROOK	
DEVILS BROOK (Schalks)—Entire length	FW2-NT	EAST BRANCH (Springdale)—Entire length	FW2-TM
DRAKES BROOK		WEST BRANCH (Martinsville)—Entire length	FW2-NT
(Ledgewood)—Source downstream to Hillside Avenue bridge	FW2-TM(C1)	MAIN STEM (Bound Brook)—Confluence of East and West branches to Raritan River	FW2-NT
(Flanders)—Hillside Avenue bridge to confluence with the South Branch Raritan River	FW2-NT(C1)	MILFORD BROOK (Lafayette Mills)—Entire length	FW2-NT
TRIBUTARY (Mt. Olive)—Source downstream to Central Railroad bridge	FW2-TP(C1)	MILLSTONE RIVER (Hightstown)—Entire length	FW2-NT
DUCK POND RUN (Port Mercer)—Entire length	FW2-NT	MINE BROOK (Mine Brook)—Entire length	FW2-NT
DUKES BROOK (Somerville)—Entire length	FW2-NT	TRIBUTARIES	
ELECTRIC BROOK (Schooley's Mtn.)—Entire length	FW2-TP(C1)	(East of Mine Mt.)—Entire length	FW2-TP(C1)
FLANDERS BROOK (Flanders)—Entire length	FW2-TP(C1)	(South of Mine Mt.)—Source downstream to Douglass Road Bridge	FW2-TP(C1)
FLANDERS CANAL (Flanders)—Entire length	FW2-NT(C1)	MINE BROOK (Colts Neck)—Entire length	FW2-NT
FROG HOLLOW BROOK (Califon)—Entire length	FW2-TP(C1)	MULHOCKAWAY CREEK (Pattensburg)—Entire length	FW2-TP(C1)
GANDER BROOK (Manalapan)—Entire length	FW2-NT	NAVESINK RIVER	
GLADSTONE BROOK (St. Bernards School)—Entire length	FW2-TP(C1)	(Red Bank)—Source to a line starting at a point at the northeast end of Blossom Cove, bearing approximately 142 degrees T (True North), through navigational aid C23 to the south bank near Riverview Hospital	SE1
GRANDIN BROOK (see SIDNEY BROOK)		(Rumson)—River southeast of the line described above, except segment described below	SE1(C1)
GREAT DITCH (S. Brunswick)—That portion of Great Ditch and its tributaries within Pigeon Swamp State Park	FW2-NT(C1)	(Monmouth Beach)—All waters south and east of a line beginning on the northwesternmost point of land on Raccoon Island (in the vicinity of the western extent of Highland Ave.) in Monmouth Beach, and bearing approximately 056 degrees T (True North) to the southernmost point of a small unnamed island, and then bearing approximately 091 degrees T (True North) to its terminus on the northernmost point of land located at the northern extent of Monmouth Parkway in Monmouth Beach and all waters south of a line beginning on the western shoreline (just east of Monmouth Parkway in Monmouth Beach) and bearing approximately 081 degrees T (True North), intersecting Channel Marker Flashing Red 4 and Channel Marker Flashing Red 2 and terminating on the eastern shoreline of the Galilee section of Monmouth Beach.	
GREEN BROOK		NESHANIC RIVER (Reaville)—Entire length	SE1
(Watchung)—Source to Rt. 22 bridge	FW2-TM	NORTON BROOK (Norton)—Entire length	FW2-TP(C1)
(Plainfield)—Rt. 22 bridge to Bound Brook	FW2-NT	OAKDALE CREEK (Chester)—Entire length	FW2-TP(C1)
GUINEA HOLLOW BROOK (Tewksbury)	FW2-TP(C1)	OAKEYS BROOK (Deans)—Entire length	FW2-NT
HACKLEBARNEY BROOK (Hacklebarney)—Entire length	FW2-TP(C1)	OCEANPORT CREEK	
HEATHCOTE BROOK (Kingston)—Entire length	FW2-NT		
HERZOG BROOK (Pottersville)—Entire length	FW2-TP(C1)		
HICKORY RUN (Califon)—Entire length	FW2-TP(C1)		
HOCKHOCKSON BROOK (Colts Neck)—Entire length	FW2-TM		
HOLLAND BROOK (Readington)—Entire length	FW2-NT		
HOLLOW BROOK (Pottersville)—Entire length	FW2-TP(C1)		
HOOKS CREEK LAKE (Cheesequake State Park)	FW2-NT(C1)		
HOOPSTICK BROOK (Bedminster)—Entire length	FW2-NT		
INDIA BROOK (NORTH BRANCH, RARITAN RIVER)			
(Randolph)—Entire length	FW2-TP(C1)		
IRELAND BROOK (Paulus Corners)—Entire length	FW2-NT		
IRESECK BROOK (Spotswood)—Entire length	FW2-NT		
KRUEGER'S BROOK (Flanders)—Entire length	FW2-TP(C1)		
LAMINGTON RIVER (BLACK RIVER)			
(Succasunna)—Source to Rt. 206 bridge	FW2-NT(C1)		
(Milltown)—Rt. 206 bridge to confluence with Rinehart Brook	FW2-TM(C1)		

Waterbody	Classification	Waterbody	Classification
(Fort Monmouth)—Source to a line beginning on the easternmost extent of Horseneck Point and bearing approximately 140 degrees T (True North) to its terminus on the westernmost extent of an unnamed point of land located at the westernmost extent of Monmouth Boulevard in Oceanport		(Whitehouse)—Lake Cushetunk to its confluence with main stem Rockaway Creek	FW2-TM
(Oceanport)—Creek downstream of line described above		MAIN STEM	
PARKERS CREEK		(Whitehouse)—Confluence of North and South Branches to Lamington River	FW2-NT
(Fort Monmouth)—Source to a line beginning on the easternmost extent of Horseneck Point and bearing approximately 000 degrees T (True North) to its terminus on Breezy Point on the Little Silver side (north) side of the creek.	FW2-NT/SE1	ROCKY RUN (Lebanon)—Entire length	FW2-TP(C1)
(Fort Monmouth)—Creek downstream of line described above	SE1(C1)	ROUND VALLEY RESERVOIR (Clinton)	FW2-TP(C1)
PEAPACK BROOK (Gladstone)—Entire length		ROYCE BROOK (Manville)—Entire length	FW2-NT
PETERS BROOK (Somerville)—Entire length		SANDY HOOK BAY (Sandy Hook)	SE1
PIGEON SWAMP (Pigeon Swamp State Park)—All waters within the boundaries of Pigeon Swamp State Park		SHREWSBURY RIVER	
PIKE RUN (Belle Meade)—Entire length		(Little Silver)—Source to Rt. 36 highway bridge	SE1(C1)
PINE BROOK (Clarks Mills)—Entire length		(Highlands)—Rt. 36 bridge to Sandy Hook bay	SE1
PINE BROOK (Cooks Mill)—Entire length		SIDNEY BROOK (Grandin)—	
PLEASANT RUN (Readington)—Entire length	FW2-NT/SE1	Headwaters to its confluence with the South Branch	
PRESCOTT BROOK (Stanton Station)—Entire length	SE1(C1)	Raritan River, including all tributaries	FW2-NT(C1)
RAMANESSIN (HOP) BROOK (Holmdel)—Entire length	FW2-TP(C1)	SIMONSON BROOK (Griggstown)—Entire length	FW2-NT
RARITAN BAY—Entire drainage	FW2-NT	SIX MILE RUN (Franklin Church)—Entire length, except segment described below	FW2-NT
RARITAN RIVER		(Hillsborough)—Segment within the boundaries of Six Mile Run State Park	FW2-NT(C1)
NORTH BRANCH (Also see INDIA BROOK)		SOUTH RIVER	
(Pleasant Valley)—Source to, but not including, Ravine Lake		(Old Bridge)—Duhernal Lake to intake of the Sayreville Water Department.	FW2-NT
(Far Hills)—Ravine Lake dam to Rt. 512 bridge		(Sayreville)—Below the intake of the Sayreville Water Department	SE1
(Bedminster)—Rt. 512 bridge to confluence with South Branch, Raritan River	FW2-TM	SPOOKY BROOK (Bound Brook)	FW2-NT
SOUTH BRANCH RARITAN RIVER		SPRUCE RUN	
(Mt. Olive)—Source to the dam that is 390 feet upstream of the Flanders-Drakestown Road bridge and the two tributaries which originate north and east of the Budd Lake Airfield	FW2-TM/SE1	(Glen Gardner)—Source to, but not including, Spruce Run Reservoir	
(Mt. Olive)—Dam to confluence with Turkey Brook		(Clinton)—Spruce Run Reservoir dam to Raritan River, South Branch	FW2-TP(C1)
(Middle Valley)—Confluence with Turkey Brook to Rt. 512 bridge	FW2-TP(C1)	SPRUCE RUN RESERVOIR (Union)—Reservoir and tributaries	FW2-TM
(Califon)—Rt. 512 bridge to downstream end of Packers Island, except segment described separately, below	FW2-TM	STONY BROOK (Washington)—Entire length	FW2-TM(C1)
(Ken Lockwood Gorge)—River and tributaries within Ken Lockwood Gorge Wildlife Management Area	FW2-NT	STONY BROOK	
(Neshanic Sta.)—Downstream end of Packers Island to confluence with North Branch, Raritan River		(Hopewell)—Entire length, except that segment described below	FW2-NT
TRIBUTARIES, SOUTH BRANCH RARITAN RIVER		(Snydertown)—Brook and tributaries within Amwell Lake Wildlife Management Area	FW2-NT(C1)
(Long Valley)—Entire length	FW2-NT(C1)	STONY BROOK (Watchung)—Entire length	FW2-NT
(High Bridge)—Entire length	FW2-TM(C1)	SUN VALLEY BROOK (Mt. Olive)—Entire length	FW2-TP(C1)
(S. of Hoffmans)—Entire length		SWIMMING RIVER RESERVOIR (Red Bank)	FW2-NT(C1)
(S. of Schooley's Mt.)—Entire length	FW2-TP(C1)	TANNERS BROOK (Washington)—Entire length	FW2-NT(C1)
MAIN STEM RARITAN RIVER		TEETERTOWN BROOK (Lebanon)—Entire length	FW2-TP(C1)
TRIBUTARIES, SOUTH BRANCH RARITAN RIVER	FW2-TM	TEN MILE RUN (Franklin)—Entire length	FW2-NT
(Long Valley)—Entire length	FW2-TM(C1)	TENNENT BROOK (Old Bridge)—Entire length	FW2-NT
(High Bridge)—Entire length		TEPEHEMUS BROOK (Manalapan)—Entire length	FW2-NT
(S. of Hoffmans)—Entire length	FW2-NT	TOWN NECK CREEK	
(S. of Schooley's Mt.)—Entire length		(Little Silver)—Source to a line beginning on the easternmost extent of the unnamed point of land located just east of Paag Circle on the south bank of Town Neck Creek and bearing approximately 095 degrees True North and terminating on Silver Point	FW2-NT/SE1
MAIN STEM RARITAN RIVER	FW2-TP(C1)	(Little Silver)—Creek below line described below	SE1(C1)
(Bound Brook)—From confluence of North and South Branches to Landing Lane bridge in New Brunswick and all freshwater tributaries downstream of Landing Lane bridge	FW2-TM	TROUT BROOK (Hacklebarney)—Entire length	FW2-TP(C1)
(Sayreville)—Landing Lane bridge to Raritan Bay and all saline water tributaries	FW2-TP(C1)	TURKEY BROOK (Mt. Olive)—Entire length	FW2-TP(C1)
RINEHART BROOK (Hacklebarney)—Entire length		TURTLEBACK BROOK (Middle Valley)—Entire length	FW2-NT
ROCK BROOK (Montgomery)—Entire length	FW2-TP(C1)	WALNUT BROOK (Flemington)—Entire length	FW2-TM
ROCKAWAY CREEK	FW2-NT	WEAMACONK CREEK See MATCHAPONIX BROOK	
NORTH BRANCH		WEMROCK BROOK	
(Mountainville)—Source to Rt. 523 Bridge		(Millhurst)—Entire length, except that segment described below	FW2-NT
(Whitehouse)—Rt. 523 bridge to confluence with South Branch		(Monmouth Battlefield State Park)—Those segments of the brook and its tributaries within the boundaries of Monmouth Battlefield State Park	FW2-NT(C1)
SOUTH BRANCH		WEMROCK POND (Monmouth Battlefield State Park)	FW2-NT(C1)
(Clinton)—Headwaters to Readington Township boundary, including all tributaries	FW2-TM	WILLOUGHBY BROOK (Buffalo Hollow)—Entire length	FW2-TP(C1)
(Clinton)—Readington Township boundary to Lake Cushetunk, including all tributaries	FW2-TP(C1)	WILLOW BROOK (Holmdel)—Entire length	FW2-NT
	FW2-TM(C1)	YELLOW BROOK (Colts Neck)—Entire length	FW2-NT

(g) The surface water classifications in Table 5 are for waters of the Wallkill River Basin:

TABLE 5

Waterbody	Classification
BEARFORT WATERS (Wawayanda)	FW2-NT(C1)
BEAVER RUN (Wantage)—Entire length	FW2-NT
BLACK CREEK	

Waterbody	Classification	Waterbody	Classification
(McAfee)—Source to Rt. 94 bridge, except those tributaries described separately, below	FW2-TM	(Wantage)—Rt. 629 bridge to Wallkill River	FW2-NT
(Vernon)—Rt. 94 bridge to Pochuck Creek	FW2-NT	WEST BRANCH	
TRIBUTARIES		(Wantage)—Entire length	FW2-NT
(Hamburg)—Three tributaries to Black Creek which originate in the former Hamburg Mtn. Wildlife Management Area from their sources to the former Management Area boundaries	FW1(TM)	PARKER LAKE (Wawayanda)	FW2-NT(C1)
(Rudeville)—Tributaries within the former Hamburg Mtn. Wildlife Management Area not classified as FW1, above	FW2-TM(C1)	POCHUCK CREEK	
(McAfee)—Entire length	FW2-TP(C1)	(Vernon)—Source to State line, except segment described separately below	FW2-NT
(Vernon Valley)—Entire length	FW2-NT	(High Point)—Segment within State Park lands	FW2-NT(C1)
CLOVE CREEK (Colesville)—Entire length	FW2-TM	QUARRYVILLE BROOK—See WILLOW BROOK	
CLOVE BROOK		RUTGERS CREEK (High Point)—The Cedar Swamp headwaters of the tributary to Rutgers Creek located entirely within the High Point State Park boundaries just south of the State line	FW1
(Wantage)—Source to, but not including, Clove Acres Lake, except those tributaries described separately below	FW2-TM	SAND HILLS BROOK	
(Sussex)—Clove Acres Lake to Papakating Creek	FW2-NT	(Hamburg Mtn.)—The upstream portion of Sand Hills Brook, including the pond at its headwaters, located entirely within the boundaries of the Hamburg Mtn. Wildlife Management Area	FW1
(High Point)—Those portions of the two northern-most tributaries located entirely within High Point State Park boundaries, immediately east of Lake Marcia	FW1(tp)	(Hamburg)—Brook and tributaries beyond Management Area boundaries	FW2-NT
FRANKLIN POND CREEK		SAWMILL POND BROOK	
(Hardyston)—Source to, but not including, Franklin Pond	FW2-TP(C1)	(W. Milford)—Entire length, except segment described separately below	FW2-NT
(Hamburg Mtn.)—Tributaries within the Hamburg Mtn. Wildlife Management Area	FW2-TM(C1)	(Wawayanda)—Segment within the boundaries of Wawayanda State Park	FW2-NT(C1)
TRIBUTARY (Hamburg Mtn.)—The first tributary to Franklin Pond Creek just south of Hamburg Mountain, flowing toward the Wallkill River and located entirely within the former Hamburg Mtn. Wildlife Management Area	FW1	SPARTA GLEN BROOK (Sparta)—Entire length	FW2-TP(C1)
HANFORD BROOK (Hanford)—Entire length within New Jersey	FW2-NT	SPRING BROOK (Maple Grange)—Entire length	FW2-TP(C1)
LAKE LOOKOUT (Wawayanda)	FW1	TOWN BROOK (Vernon)—Entire length	FW2-TM
LAKE LOOKOUT BROOK (Wawayanda)—Brook and tributaries from source in Newark City holdings, through the Wawayanda State Park, to confluence with the outlet stream from Lake Wawayanda	FW1	WALLKILL RIVER	
LAKE RUTHERFORD (Wantage)—The Lake and its tributaries	FW1(tm)	(Sparta)—Source to confluence with Sparta Glen Brook	FW2-NT
LAUREL POND (Wawayanda)—Laurel Pond, including its outlet stream and tributaries, to the outlet stream from Lake Wawayanda	FW1	(Franklin)—Sparta Glen Brook to, but not including, Franklin Pond	FW2-TM
LIVINGSTON PONDS (Wawayanda)—The two north-western ponds which are within State Park lands	FW2-NT(C1)	(Wantage)—Outlet of Franklin Pond to State line	FW2-NT
LIVINGSTON PONDS BROOK (Wawayanda State Park)—Source downstream to State line	FW2-TP(C1)	TRIBUTARIES	
LONG HOUSE BROOK		(Sparta)—Lake Saginaw dam downstream to Wallkill River	FW2-TP(C1)
(Upper Greenwood Lake)—Source to State line, except segment described below	FW2-NT	(Hamburg Mtn.)—The first tributary, just south of Hamburg Mtn., flowing toward the Wallkill River and located entirely within the Hamburg Mtn. Wildlife Management Area	FW1(tm)
(Upper Greenwood Lake)—Segment within the bounds of Hewitt State Forest	FW2-NT(C1)	(Ogdensburg)—Tributary from the outlet of Heaters Pond to the confluence with the Wallkill River	FW2-TP(C1)
LOUNSBERRY HOLLOW BROOK (Vernon Valley)—Outlet of Glenwood Lake to Pochuck Creek	FW2-TM	WANTAGE BROOK (Wantage)—Entire length	FW2-NT
MUD POND OUTLET STREAM (Hamburg)—Outlet stream from the Pond downstream to confluence with Hamburg Creek, including all tributaries	FW2-TP(C1)	WAWAYANDA CREEK	
PAPAKATING CREEK		(Vernon)—State line to Pochuck Creek, except unnamed tributary described below	FW2-TM
MAIN STEM		TRIBUTARIES	
(Frankford)—Source to Rt. 629 bridge	FW2-TM	(Wawayanda)—Source to State line	FW2-NT
(Pelletstown)—Entire length of tributary	FW2-NT	(Wawayanda State Park)—Segments within State Park boundaries, except Livingston Ponds Brook as noted above	FW2-NT(C1)
		WAWAYANDA LAKE (Wawayanda)	FW2-TM(C1)
		WHITE LAKE (Sparta)	FW2-TM
		WILDCAT BROOK (Franklin)—Entire length	FW2-NT
		WILLOW (QUARRYVILLE) BROOK (Wantage)—Entire length	FW2-TM

(h) FW1 waters are listed in Table 6 by tract within basins:

TABLE 6

ATLANTIC COASTAL PLAIN BASIN ALLAIRE STATE PARK

MANASQUAN RIVER WATERSHED

Those portions of the first and second southerly tributaries to the Manasquan River, which are west of Hospital Rd. and are located entirely within the boundaries of Allaire State Park

The easterly tributary to Mill Run upstream of Brisbane Lake, located entirely within the boundaries of Allaire State Park

BASS RIVER STATE FOREST

BASS RIVER WATERSHED

Tommy's Branch from its headwaters downstream to the Bass River State Forest Recreation Area service road

Falkenburg Branch of Lake Absegami from its headwaters to the Lake

GREENWOOD FOREST


CEDAR CREEK WATERSHED

WILDLIFE MANAGEMENT AREA

Webbs Mill Branch and tributaries, located entirely within the Greenwood Forest Wildlife Management Area boundaries

Chamberlain's Branch from its origins to a point 1000 feet west of Route 539

Those portions of the tributaries to Chamberlain's Branch originating and wholly contained within the boundaries of the Greenwood Forest Wildlife Management Area

 ISLAND BEACH STATE PARK LESTER G. MACNAMARA WILDLIFE MANAGEMENT AREA TUCKAHOE PUBLIC FISHING AND HUNTING GROUNDS WHARTON STATE FOREST	<p>WADING RIVER WATERSHED Westerly tributary to the Howardsville Cranberry Bog Reservoir and other tributaries that are located entirely within the boundaries of the Greenwood Forest Wildlife Management Area</p> <p>BARNEGAT BAY WATERSHED All freshwater ponds in Island Beach State Park</p> <p>GREAT EGG HARBOR RIVER WATERSHED Hawkins Creek and tributaries and the next adjacent, northern stream and tributaries that enter the Great Egg Harbor River, from their origins downstream to where the influence of impoundment begins See LESTER G. MACNAMARA WILDLIFE MANAGEMENT AREA</p>
DELAWARE RIVER BASIN ALLAMUCHY STATE PARK	<p>MULLICA RIVER WATERSHED Deep Run and tributaries from their headwaters downstream to Springer's Brook Skit Branch and tributaries from their headwaters downstream to the confluence with Robert's Branch Tulpehocken Creek and tributaries from their sources downstream to the confluence with Featherbed Branch The westerly tributaries to Tulpehocken Creek and those natural ponds within the lands bounded by Hawkins (Bulltown-Hawkins) Rd., Hampton Gate (Tuckerton) Rd., and Sandy Ridge Rd. Stream in the southeasterly corner of the Wharton State Forest, located between Ridge Rd. and Seaf Weeks Rd. downstream to the boundaries of Wharton State Forest Brooks and tributaries to the Mullica River between and immediately to the west of Tylertown and Crowletown, from their headwaters downstream to the head of tide at mean high water The easterly branches of the Batsto River from Batsto Village upstream to the confluence with Skit Branch Gun Branch from its headwaters downstream to U.S. Route 206</p>
BELLEPLAIN STATE FOREST	<p>MUSCONETCONG RIVER WATERSHED All those tributaries to Deer Park Pond and its outlet stream, that are located entirely within the boundaries of Allamuchy State Park</p> <p>PEQUEST RIVER WATERSHED All tributaries that are located entirely within Allamuchy State Park and flow into Allamuchy Pond</p> <p>EAST CREEK WATERSHED All tributaries to Lake Nummi from their origins downstream to the lake Those two tributaries to Savages Run and portions thereof downstream of Lake Nummi, which are located entirely within the Belleplain State Forest boundaries A stream and its tributaries that originate just south of East Creek Mill Rd., 1.2± miles north-northeast of Eldora, and are located entirely within the boundaries of Belleplain State Forest</p>
COLLIERS MILLS WILDLIFE MANAGEMENT AREA	<p>WEST CREEK WATERSHED The portion of the tributary to West Creek that originates about 0.9 miles southeast of Hoffman's Mill and is located entirely within the boundaries of Belleplain State Forest Eastern branch of the easterly tributary to Pickle Factory Pond from its origin to its confluence with the western branch Those tributaries to the stream which enter West Creek approximately 0.5 miles upstream of Hoffman's Mill and which are located entirely within the boundaries of Belleplain State Forest</p>
DELAWARE WATER GAP NATIONAL RECREATION AREA	<p>CROSSWICKS CREEK WATERSHED All tributaries to Lahaway Creek originating in the Colliers Mills Wildlife Management Area north-northeast of Archers Corner, from their origins downstream to the boundaries of the Colliers Mills Wildlife Management Area</p> <p>DELAWARE RIVER WATERSHED All tributaries to Flat Brook flowing from the Kittatinny Ridge and located entirely within the boundaries of the Delaware Water Gap National Recreation Area Rundle Brook upstream of Sussex County Route 615 Smith Ferry Brook Donkey's Corner Brook Sambo Island Brook and Pond Coppermine Brook in Pahaquarry Dunnfield Creek to Route I-80</p>
DIX WILDLIFE MANAGEMENT AREA	<p>MIDDLE MARSH CREEK WATERSHED All fresh waters which originate in and are located entirely within the boundaries of the Dix Wildlife Management Area</p>
EDWARD G. BEVAN WILDLIFE MANAGEMENT AREA	<p>MAURICE RIVER WATERSHED Joshua and Pine Branches of Buckshutem Creek to their confluences with Buckshutem Creek Gravelly Run downstream to the boundaries of the Edward G. Bevan Wildlife Management Area</p>
FLATBROOK-ROY WILDLIFE MANAGEMENT AREA	<p>NANTUXENT CREEK WATERSHED Cedar and Mile Branches to Shaw's Mill Pond</p> <p>DIVIDING CREEK WATERSHED Those tributaries to Cedar Creek which originate in and are located entirely within the boundaries of the Edward G. Bevin Wildlife Management Area Those portions of tributaries to Dividing Creek, located entirely within the boundaries of the Edward G. Bevan Wildlife Management Area</p> <p>FLAT BROOK WATERSHED The tributary to Little Flat Brook which originates north of the Bevans-Layton Rd., downstream to the first pond adjacent to the Fish and Game headquarters building Two tributaries to Flat Brook which originate along Struble Rd. in Stokes State Forest, downstream to the confluence with Flat Brook within Flatbrook-Roy Wildlife Management Area boundaries</p>

GLASSBORO WILDLIFE
MANAGEMENT AREA

MAURICE RIVER WATERSHED

The portion of a branch of Little Ease Run situated immediately north of Stanger Avenue, and entirely within the Glassboro Wildlife Management Area

First and second easterly tributaries to Little Ease Run north of Academy Road

HIGH POINT STATE PARK
AND STOKES STATE FOREST

CLOVE BROOK WATERSHED

The second and third northerly tributaries to Clove Brook, those tributaries to Steeny Kill Lake, Steeny Kill Lake, and those downstream of the Lake which originate in High Point State Park, downstream to the confluence with Clove Brook or to the boundaries of High Point State Park

The northerly tributaries to Mill Brook due west of Steeny Kill Lake, within the High Point State Park

FLAT BROOK WATERSHED
All surface waters of the Flat Brook drainage within the boundaries of High Point State Park and Stokes State Forest except the following:

- (1) Saw Mill Pond and Big Flat Brook downstream to the confluence with Flat Brook;
- (2) Mashipacong Pond and its outlet stream (Parker Brook) to the confluence with Big Flat Brook;
- (3) Lake Wapalanne and its outlet stream to the confluence with Big Flat Brook;
- (4) Lake Ocquittunk and waters connecting it with Big Flat Brook;
- (5) Stony Lake and its outlet stream (Stony Brook) downstream to the confluence with the Big Flat Brook;
- (6) Kittatinny Lake, that portion of its inlet stream outside the Stokes State Forest boundaries, and its outlet stream, including the Shotwell Camping Area tributary, to the confluence with Big Flat Brook;
- (7) Deer Lake and its outlet stream to Lake Ashroe;
- (8) Lake Ashroe, the portions of its tributaries outside the Stokes State Forest boundaries, and its outlet stream to the confluence with Big Flat Brook;
- (9) Lake Shawanni and its outlet stream to the confluence with Flat Brook;
- (10) Crigger Brook and its tributary to the confluence with Big Flat Brook

SHIMERS BROOK WATERSHED

The portion of Shimers Brook and its tributaries that are located within the boundaries of High Point State Park

JOHNSONBURG NATURAL AREA

PEQUEST RIVER WATERSHED

Mud Pond and its outlet stream, Bear Creek, to the Erie-Lackawanna Railroad trestle, north of Johnsonburg

LEBANON STATE FOREST

RANCOCAS CREEK WATERSHED

Deer Park Branch and tributaries near Buckingham, downstream to the confluence with Pole Bridge Branch

Tributaries to the South Branch of Mount Misery Brook located entirely within the boundaries of Lebanon State Forest

Cooper Branch and tributaries downstream to Pakim Pond and those tributaries to Coopers Branch downstream of Pakim Pond that are located entirely within the boundaries of Lebanon State Forest

Shinns Branch and tributaries located entirely within the boundaries of Lebanon State Forest, from their sources to the forest boundary

Jade Run located entirely within the boundaries of Lebanon State Forest

MacDonalds Branch and tributaries located entirely within the boundaries of Lebanon State Forest, from their sources to the forest boundary

MILLVILLE FISH AND
GAME TRACT
PASADENA WILDLIFE
MANAGEMENT AREA

See EDWARD G. BEVAN WILDLIFE MANAGEMENT AREA

RANCOCAS CREEK WATERSHED

The two easterly branches of the South Branch of Mount Misery Brook, located entirely within the boundaries of the Pasadena Wildlife Management Area

PEASELEE WILDLIFE
MANAGEMENT AREA

MAURICE RIVER WATERSHED

Middle Branch of Muskee Creek from its origin to the boundaries of the Peaselee Wildlife Management Area

Cedar Branch of the Manumuskin River, from its origin to the boundaries of the Peaselee Wildlife Management Area

Those portions of tributaries to Slab Branch located entirely within the boundaries of the Peaselee Wildlife Management Area

WASHINGTON CROSSING
STATE PARK

STEELE RUN WATERSHED

That portion of Steele Run, located within the boundaries of Washington Crossing State Park, to the confluence with the westerly tributary

WHITTINGHAM WILDLIFE
MANAGEMENT AREA

PEQUEST RIVER WATERSHED

Northwesterly tributaries to the Pequest River, including Big Spring, located within the boundaries of the Whittingham Wildlife Management Area southwest of Springdale, from their origins to their confluence with the Pequest River

WORTHINGTON STATE FOREST

DELAWARE RIVER WATERSHED

Sunfish Pond and its outlet stream to the Delaware River. All unnamed waters located entirely within the boundaries of the Worthington State Forest

DUNNFIELD CREEK WATERSHED

Dunnfield Creek to I-80

PASSAIC RIVER, HACKENSACK RIVER, NY HARBOR COMPLEX BASIN
A.S. HEWITT STATE FOREST

WANAQUE RIVER WATERSHED

Portions of Cooley Brook and tributaries which originate and are located entirely within the boundaries of Hewitt State Forest
Surprise Lake

<p>BERKSHIRE VALLEY WILDLIFE MANAGEMENT AREA CITY OF NEWARK HOLDINGS AND WAWAYANDA STATE PARK</p>	<p>Portions of Green Brook and tributaries which originate and are located entirely within the boundaries of Hewitt State Forest West Pond ROCKAWAY RIVER WATERSHED Stephens Brook north of the boundaries of the Berkshire Valley Wildlife Management Area PEQUANNOCK RIVER WATERSHED Cedar Pond and all tributaries Hanks Pond and all tributaries Tributary to Pequannock River at Green Pond Junction from its origin downstream to Route 23 Tributary joining the main stem of the Pequannock River 3,500 ± feet southeast of the Sussex-Passaic County line, near Jefferson from its origin to about 2,000 feet upstream of the pond Pacack Brook and its tributaries upstream of Canistear Reservoir, located entirely within the boundaries of the Newark watershed and Wawayanda State Park Cherry Ridge Brook and its tributaries north of Canistear Reservoir, located entirely within the boundaries of the Newark watershed lands and Wawayanda State Park The southern branch of the easterly tributary to Canistear Reservoir Pequannock River and tributaries upstream of the confluence with Pacack Brook The northwestern tributary to Oak Ridge Reservoir The portion of the westerly tributary to Lake Stockholm Brook, from its origins to about 1,000 feet south of the Route 23 Bridge, located entirely within the boundaries of the Newark watershed Lud-Day Brook downstream to its confluence with the southwestern outlet stream from Clinton Reservoir just upstream of the confluence of the outlet stream and a tributary from Camp Garfield Brook between Hamburg Turnpike and Vernon-Stockholm Road, downstream to its confluence with Lake Stockholm Brook, north of Rt. 23 NONE</p>
<p>RARITAN RIVER BASIN WALLKILL RIVER BASIN CITY OF NEWARK HOLDINGS AND WAWAYANDA STATE PARK</p>	<p>LAKE LOOKOUT BROOK WATERSHED Lake Lookout, Lake Lookout Brook and tributaries from its headwaters in the Newark City holdings, downstream through the State-owned Wawayanda State Park to the confluence with the outlet stream from Lake Wawayanda</p>
<p>HAMBURG MOUNTAIN WILDLIFE MANAGEMENT AREA</p>	<p>SAND HILLS BROOK WATERSHED The upstream portion of Sand Hills Brook, including the pond at its headwaters, located entirely within the boundaries of the Hamburg Mtn. Wildlife Management Area BLACK CREEK WATERSHED</p>
<p>HIGH POINT STATE PARK</p>	<p>All those portions of three tributaries to Black Creek originating in the Hamburg Mtn. Wildlife Management Area, from their origin downstream to the Management Area boundaries FRANKLIN POND CREEK WATERSHED The first tributary to Franklin Pond Creek just south of Hamburg Mountain, flowing toward the Wallkill River and located entirely within the Hamburg Mtn. Wildlife Management Area HAMBURG CREEK WATERSHED The third tributary just southwest of Hamburg Mountain, which flows toward the Wallkill River and is located entirely within the Hamburg Mtn. Wildlife Management Area CLOVE RIVER WATERSHED Those portions of the two northernmost tributaries to Clove River which are located entirely within the boundaries of High Point State Park, and are immediately east of Lake Marcia RUTGERS CREEK WATERSHED</p>
<p>SUSSEX BOROUGH WATER SUPPLY LAND WAWAYANDA STATE PARK</p>	<p>The Cedar Swamp headwaters of the tributary to Rutgers Creek, located entirely within the boundaries of High Point State Park, just south of the New Jersey-New York state line LAKE RUTHERFORD WATERSHED Lake Rutherford, located northwest of Colesville LAUREL POND WATERSHED Laurel Pond, and its outlet stream and tributaries downstream to the outlet stream from Lake Wawayanda</p>

(i) The following are the Outstanding National Resource Waters of the State:

1. FW1 Waters; and
2. PL Waters.

New Rule, R.1989 d.420, effective August 7, 1989.

See: 20 N.J.R. 1597(a), 21 N.J.R. 2302(b).

Petition for Rulemaking: Exxon petitioning for reclassification to less restrictive uses for portion of Morses Creek.

21 N.J.R. 3791(c).

Notice of denial of Petition for Rulemaking for Surface Water Quality Standards Tidal Portion of Morses Creek.

See: 23 N.J.R. 129(a).

Amended by R.1993 d.415, effective August 16, 1993.

See: 25 N.J.R. 405(a), 25 N.J.R. 3775(a).

Amended by R.1993 d.610, effective December 6, 1993.

See: 24 N.J.R. 3983(a), 24 N.J.R. 4471(a), 25 N.J.R. 5569(a).

Amended by R.1994 d.84, effective February 22, 1994.

See: 25 N.J.R. 405(a), 26 N.J.R. 1124(a).

Administrative Corrections.

See: 26 N.J.R. 1226(a).

Amended by R.1996 d.383, effective August 5, 1996.

See: 27 N.J.R. 4506(b), 28 N.J.R. 3782(b).

Amended by R.1998 d.234, effective May 18, 1998.

See: 29 N.J.R. 5128(a), 30 N.J.R. 1778(a).

Rewrote tables.

Administrative correction.

See: 31 N.J.R. 42(a).

Petition for Rulemaking.

See: 33 N.J.R. 1142(a), 33 N.J.R. 1212(a), 33 N.J.R. 1476(a), 33 N.J.R. 1793(a), 33 N.J.R. 2214(a).

Petition for Rulemaking.

See: 33 N.J.R. 2543(a).

Amended by R.2002 d.19, effective January 22, 2002.

See: 33 N.J.R. 4397(a), 34 N.J.R. 537(a).

Amended by R.2003 d.203, effective May 19, 2003.

See: 34 N.J.R. 3889(a), 35 N.J.R. 2264(b).

Rewrote the section.

Amended by R.2003 d.442, effective November 3, 2003.

See: 35 N.J.R. 158(a), 35 N.J.R. 5086(a).

Rewrote (d) through (f).

Amended by R.2004 d.308, effective August 2, 2004.

See: 35 N.J.R. 4949(a), 36 N.J.R. 3565(c).

Rewrote (c) through (f).

Amended by R.2005 d.182, effective June 20, 2005.

See: 36 N.J.R. 5612(a), 37 N.J.R. 770(a), 37 N.J.R. 2251(a).

In (c), amended the information for Shark River and its tributaries in Table 1.