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CHAPTER 9B

SURFACE WATER QUALITY STANDARDS

Authority

N.J.S.A. 58:10A-1 et seq., 58:11A-1 et seq. and 13:1D-1 et seq.

Source and Effective Date

R.1998 d.234, effective April 17, 1998.
See: 29 N.J.R. 5128(a), 30 N.J.R. 1778(a).

Executive Order No. 66(1978) Expiration Date

Chapter 9B, Surface Water Quality Standards, expires on April 17, 2003.

Chapter Historical Note

Chapter 9B, Surface Water Quality Standards, was recodified from N.J.A.C. 7:9-4 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. 404(a), 25 N.J.R. 5569(a).

Pursuant to Executive Order No. 66(1978), Chapter 9B, Surface Water Quality Standards, was readopted as R.1996 d.87, effective January 18, 1996. See: 27 N.J.R. 3521(a), 28 N.J.R. 1202(a). Notice of Determination to Not Adopt Proposed Amendments to Surface Water Quality Standards. See: 29 N.J.R. 1691(b).

Pursuant to Executive Order No. 66(1978), Chapter 9B, Surface Water Quality Standards, was readopted as R.1998 d.234, effective April 17, 1998. See: Source and Effective Date. See, also, section annotations. Administrative correction. See: 30 N.J.R. 3267(a).

Petition for Rulemaking. See: 34 N.J.R. 3651(b), 3652(a).

Cross References

Flood control, storm water systems, degradation of water quality, see N.J.A.C. 7:13-2.8.

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SUBCHAPTER 1. SURFACE WATER QUALITY STANDARDS

7:9B-1.1 Scope of subchapter

Unless otherwise provided by rule or statute, this subchapter shall constitute the rules of the Department of Environmental Protection governing matters of policy with respect to the protection and enhancement of surface water resources, class definitions and quality criteria, use designation and quality criteria for the mainstem of the Delaware River including the Delaware Bay, the classification of surface waters of the State, procedures for establishing water quality-based effluent limitations, modification of water quality-based effluent limitations, procedures for reclassifying specific segments for less restrictive uses and procedures for reclassifying specific segments for more restrictive uses pursuant to N.J.S.A. 13:1D-1 et seq., the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., and the Water Quality Planning Act, N.J.S.A. 58:11A-1 et seq.

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).

7:9B-1.2 Construction

This subchapter shall be liberally construed to permit the Department and its various divisions to discharge their statutory functions.

Amended by R.1993 d.610, effective December 6, 1993.
See: 24 N.J.R. 3983(a), 25 N.J.R. 5569(a).

7:9B-1.3 Severability

If any subchapter, section, subsection, provision, clause, or portion of this chapter, or the application thereof to any person, is adjudged unconstitutional or invalid by a court of competent jurisdiction, such judgment shall be confined in its operation to the subchapter, section, subsection, clause, portion, or application directly involved in the controversy in which such judgment shall have been rendered and it shall not affect or impair the remainder of this chapter or the application thereof to other persons.

New Rule, R.1993 d.610, effective December 6, 1993.
See: 24 N.J.R. 3983(a), 25 N.J.R. 5569(a).

7:9B-1.4 Definitions

The following words and terms, when used in this subchapter, shall have the following meanings, unless the context clearly indicates otherwise.

“Acute toxicity” means a lethal or severe adverse sublethal effect (for example, immobilization of daphnids) to an organism exposed to a toxic substance for a relatively short period of time. Acute toxicity is measured by short-term bioassays, generally of 48 or 96 hour duration.

“Agricultural water supply” means water used for field crops, livestock, horticulture, and silviculture.

“Ambient temperature” means the temperature of a waterbody beyond the portion of the waterbody that is affected by the localized heated waste discharge or discharge complex; or the temperature of a waterbody that would exist without the addition of heated discharges.

“Anadromous fish” means fish that spend most of their life in saline waters and migrate to fresh waters to spawn.

“Aquatic substrata” means soil material and associated biota underlying the water.

“Bioaccumulation” means the increase of the concentration of a substance within the tissues of an organism, to levels in excess of that substance’s ambient environmental concentration, directly from the water or through the ingestion of food (usually other organisms).

“Bioassay” means a toxicity test using aquatic organisms to determine the concentration or amount of a toxic substance causing a specified response in the test organisms under stated test conditions.

“Bioconcentration” means the net accumulation of a substance by an aquatic organism, as a result of uptake directly from the ambient water, through the gill membrane or other external body surfaces.

“Biota” means the animal and plant life of an ecosystem; flora and fauna collectively.

“C1” means Category One waters.

“C2” means Category Two waters.

“Calculable changes” means changes to water quality characteristics as demonstrated by any acceptable mathematical, predictive method.

“Category one waters” means those waters designated in the tables in N.J.A.C. 7:9B-1.15(c) through (h), for purposes of implementing the antidegradation policies set forth at N.J.A.C. 7:9B-1.5(d), for protection from measurable changes in water quality characteristics because of their clarity, color, scenic setting, other characteristics of aesthetic value, exceptional ecological significance, exceptional recreational significance, exceptional water supply significance, or exceptional fisheries resource(s). These waters may include, but are not limited to:

1. Waters originating wholly within Federal, interstate, State, county, or municipal parks, forests, fish and wildlife lands, and other special holdings that have not been designated as FW1 at N.J.A.C. 7:9B-1.15(h) Table 6;
2. Waters classified at N.J.A.C. 7:9B-1.15(c) through (g) as FW2 trout production waters and their tributaries;

3. Surface waters classified in this subchapter as FW2 trout maintenance or FW2 nontrot that are upstream of waters classified in this subchapter as FW2 trout production;

4. Shellfish waters of exceptional resource value; or

5. Other waters and their tributaries that flow through, or border, Federal, State, county, or municipal parks, forests, fish and wildlife lands, and other special holdings.

“Category two waters” means those waters not designated as Outstanding National Resource Waters or Category One at N.J.A.C. 7:9B-1.15 for purposes of implementing the antidegradation policies set forth at N.J.A.C. 7:9B-1.5(d).

“Chlorine produced oxidants” means the sum of free and combined chlorine and bromine as measured by the methods approved under N.J.A.C. 7:18. In fresh waters the oxidants measured are comprised predominantly of hypochlorous acid (HOCl), hypochlorite ion (OCl⁻), monochloramine and dichloramine. In saline waters the oxidants measured are comprised predominantly of the oxidants listed for fresh waters plus hypobromous acid (HOBr), hypobromite ion (OBr) and bromamines.

“Chronic toxicity” means death or other adverse impacts that affect the growth, survival, or reproductive success of an organism or its progeny after a relatively long exposure period to toxic substances. Chronic toxicity is measured using intermediate-term or long-term bioassays.

“Complete mix” means a 25 percent or less variation in concentration across the transect of the water body.

“Criteria” means those elements of the Surface Water Quality Standards, expressed as constituent concentrations, levels, or narrative statements, representing a quality of water that supports a particular use. When the criteria are met, water quality will generally protect the designated use.

“Department” means the New Jersey Department of Environmental Protection.

“Designated use” means those surface water or ground water uses, both existing and potential, that have been established by the Department for waters of the State.

“Diadromous fish” means fish that spend most of their life in one type of water, either fresh or saline, and migrate to the other type to spawn.

“Disinfection” means the removal, destruction, or inactivation of pathogenic and indicator organisms.

“Dissolved metal” means the concentration of metal that passes through a 0.45 μm membrane filter (as defined in “Methods for Chemical Analysis of Water and Wastes,” EPA-600/4-79-020, March 1979).

(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:

Substance	Criteria	Classifications
2. Dissolved oxygen (mg/L)	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.	Within 1500 feet of shoreline in SC waters. FW2, SE1, and SC 1500 feet to 3 miles from the shoreline. SE2 SE3
	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.	FW2 SE1 and SC
	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.	All Classifications
	i. Not less than 7.0 at any time;	FW2-TP
	ii. 24 hour average not less than 6.0. Not less than 5.0 at any time (see paragraph viii below);	FW2-TM
	iii. 24 hour average not less than 5.0, but not less than 4.0 at any time (see paragraph viii below);	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.
	iv. Not less than 4.0 at any time;	SC
	v. Not less than 5.0 at any time;	SE2
	vi. Not less than 4.0 at any time;	SE3
	vii. Not less than 3.0 at any time; and	FW2-TM, FW2-NT, SE1
	viii. Supersaturated dissolved oxygen values shall be expressed as their corresponding 100 percent saturation values for purposes of calculating 24 hour averages.	All Classifications
	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
4. pH (Standard Units)	i. 6.5-8.5.	FW2, All SE
	ii. Natural pH conditions shall prevail.	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.	FW2
	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
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 nontrout 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

- (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 NH ₃ -N/L)	(1) at pH <8.30	FW2-TP, FW2-TM
	0.179*10 ^{0.026(Temp-20) + 0.41 (pH-7.80)} (a)	
	0.046*10 ^{0.026(Temp-20) + 0.41 (pH-7.80)} (c)	
	at pH ≥8.30	
	0.179*10 ^{0.026(Temp-20) + 0.20} (a)	
	0.046*10 ^{0.026(Temp-20) + 0.20} (c)	
	(2) at pH <8.30	FW2-NT
	0.201*10 ^{0.026(Temp-20) + 0.41 (pH-7.80)} (a) (Summer ¹)	
	0.054*10 ^{0.026(Temp-20) + 0.41 (pH-7.80)} (c) (Summer ¹)	
	0.232*10 ^{0.026(Temp-20) + 0.41 (pH-7.80)} (a) (Winter ²)	
	0.060*10 ^{0.026(Temp-20) + 0.41 (pH-7.80)} (c) (Winter ²)	
	at pH ≥8.30	
	0.201*10 ^{0.026(Temp-20) + 0.20} (a) (Summer ¹)	
	0.054*10 ^{0.026(Temp-20) + 0.20} (c) (Summer ¹)	
	0.232*10 ^{0.026(Temp-20) + 0.20} (a) (Winter ²)	
0.060*10 ^{0.026(Temp-20) + 0.20} (c) (Winter ²)		
(3) at pH <8.30	PL	
0.238*10 ^{0.026(Temp-20) + 0.41 (pH-7.80)} (a)		
0.061*10 ^{0.026(Temp-20) + 0.41 (pH-7.80)} (c)		
at pH ≥8.30		
0.238*10 ^{0.026(Temp-20) + 0.20} (a)		
0.061*10 ^{0.026(Temp-20) + 0.20} (c)		
(4) 0.115(a)	SE	
0.030(c)		
(5) 0.094(a)	SC	
0.024(c)		
¹ Summer spawning period from March 1st through October 31st.		
² Winter non-spawning period from November 1st through February 28/29th.		
vii. Anthracene	(1) 9,570(h)	All FW2
	(2) 108,000(h)	All SE, SC
viii. Antimony (Total recoverable)	(1) 12.2(h)	All FW2
	(2) 4,300(h)	All SE, SC
ix. Arsenic (Total recoverable)	(1) 0.0170(hc)	All FW2
	(2) 0.136(hc)	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)	All FW2
	(2) 0.031(hc)	All SE, SC
xiii. Benzene	(1) 0.150(hc)	All FW2
	(2) 71(hc)	All SE, SC
xiv. Benzidine	(1) 0.000118(hc)	All FW2
	(2) 0.000535(hc)	All SE, SC
xv. 3,4-Benzofluoranthene (Benzo(b)fluoranthene)	(1) 0.0028(hc)	All FW2
	(2) 0.031(hc)	All SE, SC
xvi. Benzo(a)pyrene (BaP)	(1) 0.0028(hc)	All FW2
	(2) 0.031(hc)	All SE, SC
xvii. Benzo(ghi)perylene	Reserved.	
xviii. Benzo(k)fluoranthene	(1) 0.0028(hc)	All FW2
	(2) 0.031(hc)	All SE, SC
xix. Beryllium (Total recoverable)	Reserved.	
xx. alpha-BHC (alpha-HCH)	(1) 0.00391(hc)	All FW2
	(2) 0.0131(hc)	All SE, SC
xxi. beta-BHC (beta-HCH)	(1) 0.137(hcc)	All FW2
	(2) 0.460(hcc)	All SE, SC
xxii. gamma-BHC (gamma-HCH/Lindane)	(1) 2.0(a); 0.080(c)	All FW2
	(2) 0.16(a)	All SE, SC
xxiii. Bis(2-chloroethyl) ether	(1) 0.0311(hc)	All FW2
	(2) 1.4(hc)	All SE, SC
xxiv. Bis(2-chloroisopropyl) ether	(1) 1,250(h)	All FW2
	(2) 170,000(h)	All SE, SC
xxv. Bis(2-ethylhexyl) phthalate	(1) 1.76(hc)	All FW2
	(2) 5.92(hc)	All SE, SC
xxvi. Bromodichloromethane	(1) 0.266(hc)	All FW2

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

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

Substance	Criteria	Classifications
c. Pentachlorobenzene	(1) 3.67(h) (2) 4.21(h)	All FW2 All SE, SC
ci. Pentachlorophenol	(1) e(1.005(pH)-4.830)(a); e(1.005(pH)-5290)(c); 0.282(hc) (2) 13(a); 7.9(c); 8.2(hc)	All FW2 All SE, SC
cii. Phenanthrene	Reserved.	
ciii. Phenol	(1) 20,900(h) (2) 4,600,000(h)	All FW2 All SE, SC
civ. Phosphorous (yellow)	(1) 0.1(c)	All SE, SC
cv. Polychlorinated biphenyls (PCBs)	(1) 0.014(c); 0.00017(hc) (2) 0.030(c); 0.00017(hc)	All FW2 All SE, SC
cvi. Pyrene	(1) 797(h) (2) 8,970(h)	All FW2 All SE, SC
cvii. Selenium (Total recoverable)	(1) 10(h)	All FW2
cviii. Silver (Total recoverable)	(1) 164(h)	All FW2
cix. Sulfide-hydrogen sulfide (undissociated)	(1) 2(c)	All FW2, SE and SC
cx. 1,2,4,5-Tetrachlorobenzene	(1) 2.56(h) (2) 3.25(h)	All FW2 All SE, SC
cxii. 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	(1) 0.000000013(hc) (2) 0.000000014(hc)	All FW2 All SE, SC
cxiii. 1,1,2,2-Tetrachloroethane	(1) 1.72(hc)	All FW2
cxiiii. Tetrachloroethylene	(1) 0.388(hc) (2) 4.29(hc)	All FW2 All SE, SC
cxv. Thallium (Total recoverable)	(1) 1.70(h) (2) 6.22(h)	All FW2 All SE, SC
cxvi. Toluene	(1) 7,440(h) (2) 200,000(h)	All FW2 All SE, SC
cxvii. Toxaphene	(1) 0.73(a); 0.0002(c); 0.000730(hc) (2) 0.21(a); 0.0002(c); 0.000747(hc)	All FW2 All SE, SC
cxviii. 1,2,4-Trichlorobenzene	(1) 30.6(h) (2) 113(h)	All FW2 All SE, SC
cxix. 1,1,1-Trichloroethane	(1) 127(h)	All FW2
cxix. 1,1,2-Trichloroethane	(1) 13.5(h)	All FW2
cxix. Trichloroethylene	(1) 1.09(hc) (2) 81(hc)	All FW2 All SE, SC
cxix. 2,4,5-Trichlorophenol	(1) 2,580(h) (2) 9,790(h)	All FW2 All SE, SC
cxix. 2,4,6-Trichlorophenol	(1) 2.14(hc) (2) 6.53(hc)	All FW2 All SE, SC
cxix. Vinyl chloride	(1) 0.0830(hc) (2) 525(hc)	All FW2 All SE, SC
cxix. Zinc (Total recoverable)	(Reserved.)	
14. Turbidity (Nephelometric Turbidity Unit-NTU)	i. Maximum 30-day average of 15 NTU, a maximum of 50 NTU at any time. ii. Maximum 30-day average of 10 NTU, a maximum of 30 NTU at any time iii. Levels shall not exceed 10.0 NTU.	FW2, SE3 SE1, SE2 SC

† 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.

(d) Surface water quality criteria for waters under the jurisdiction of the DRBC:

1. Mainstem Delaware River and Delaware Bay:

i. For parameters with criteria 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, the criteria contained therein are the applicable criteria.

ii. For parameters without criteria 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, 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 N.J.A.C. 7:9B-1.15(c) through (g) 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 Sur-

vey 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 freshwaters wholly within Federal or State lands or special holdings that are preserved for posterity and are not subject to manmade wastewater discharges.

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	FW2-NT/SE1(C1)	BABCOCK CREEK (Marmora)—Entire length	FW2-NT/SE1(C1) FW2-NT/SE1(C1)
(Griscom)—Portions of the Creek and tributaries outside of the MacNamara Wildlife Management Area	FW2-NT/SE1	BALLANGER CREEK (New Gretna)—Source to Pollys Ditch (New Gretna)—Pollys Ditch to Bay	FW2-NT/SE1 SE1(C1) SE1(C1)
ABSECON BAY (Absecon)—All waters within Absecon Wildlife Management Area	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	PL	BARNEGAT BAY (Barnegat National Wildlife Refuge)—All waters within the boundaries of the Barnegat National Wildlife Refuge	SE1(C1) SE1(C1)
(Absecon)—Entire length, except portions described above	FW2-NT/SE1	(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	FW1 FW2-NT/SE1/ SC(C1)
ARNOLD POND (Barnegat)	FW2-NT/SE1(C1)	BARNEGAT BAY TRIBUTARIES—See ATLANTIC OCEAN, TRIBUTARIES	
ATLANTIC OCEAN (Offshore)—Waters from the shoreline out to the three mile limit, except areas described below	SC	BASS RIVER (Oswego Lake)—Source to Pineland Protection and Preservation Area boundary at the Garden State Parkway, except those branches described separately below	PL
(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:	SC(C1)	(New Gretna)—Pineland Protection and Preservation Area boundary to the boundary of shellfish waters (New Gretna)—Boundary of shellfish waters to Mullica River	FW2-NT/SE1 SE1(C1)
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.		(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 Absecon from its headwaters to the Lake	FW1 FW1
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.		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 FW1 FW1 SE1(C1)
3. Seven mile beach outfall exclusion		BEACH THOROFARE (Margate)—Entire length	FW1 SE1(C1)
4. Wildwood outfall exclusion		BEAR SWAMP BROOK (Squankum)—Entire length, except segment described below (Allaire)—Segment within the boundaries of Allaire State Park	FW2-NT FW2-NT(C1)
TRIBUTARIES, ATLANTIC OCEAN		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	SE1(C1) SE1 SE1(C1)
		BIG GRAVELING CREEK (Great Bay)—Entire length	SE1(C1)
		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 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	SE1 SE1(C1) SE1(C1)
		BLUEFISH BROTHERS (Stone Harbor)—Entire length	SE1(C1)
		BLUEFISH CREEK (Stone Harbor)—Entire length	SE1(C1)
		BOG BRANCH CREEK (Middletown)—Entire length	SE1(C1)

<u>Waterbody</u>	<u>Classification</u>	<u>Waterbody</u>	<u>Classification</u>
BRIGANTINE (Brigantine National Wildlife Refuge)—All waters within the boundaries of the Brigantine National Wildlife Refuge	FW2-NT/SE1 (C1)	FALKENBURG BRANCH—See BASS RIVER	
BRISBANE LAKE (Allaire State Park)—The lake and its tributaries within the boundaries of Allaire State Park, except Mill Run, which is listed separately, and the tributary described separately below	FW2-NT(C1)	FLAT CREEK (Marmora)—Entire length	FW2-NT/SE1(C1)
(Allaire State Park)—The easterly tributary to Mill Run upstream of Brisbane Lake, located entirely within the Allaire State Park boundaries	FW1	FLATTERAS CREEK (Beach Haven Heights)—Entire length	SE1(C1)
(Mill Run)—Mill Run from its source to Brisbane Lake	FW2-NT(C1)	FORKED RIVER (Lacey)—River and branches from their sources to the boundaries of the Pinelands Protection and Preservation Area at the Garden State Parkway	PL
(Mill Run)—Mill Run from the outlet of Brisbane Lake to the Manasquan River	FW2-NT(C1)	(Forked River)—Garden State Parkway to Barnegat Bay	FW2-NT/SE1
BROAD CREEK (New Gretna)—Entire length	SE1	FORTESCUE (Fortescue)—All waters within the Fortescue Wildlife Management Area	FW2-NT/SE1(C1)
BROAD THOROFARE (Longport)—South of Rt. 152	SE1(C1)	GIBSON CREEK (Gibson Landing)—Entire length, except segment described below	PL
(Longport)—North of Rt. 152	SE1(C1)	(Marmora)—Segment and tributaries within the MacNamara Wildlife Management Area	FW2-NT/SE1(C1)
BROTHERS CREEK (Burleigh)—Entire length	SE1(C1)	GO THROUGH CREEK (Burleigh)—Entire length, except segment described below	SE1
CABBAGE THOROFARE (Great Bay)—Entire length	SE1(C1)	(Burleigh)—Segment within the boundaries of the Marmora Wildlife Management Area	SE1(C1)
CEDAR BRIDGE BRANCH (Lakewood)—Entire length	FW2-NT	GOING THROUGH CREEK (English Creek Landing)	SE1(C1)
CEDAR CREEK (Manahawkin)—Source to boundaries of the Manahawkin Wildlife Management Area	FW2-NT/SE1	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 and ponds within the boundaries of the Brigantine National Wildlife Refuge and the Great Bay Wildlife Management Area	FW2-NT/SE1(C1)
(Manahawkin)—Creek and tributaries within the boundaries of the Manahawkin Wildlife Management Area	FW2-NT/SE1(C1)	GREAT EGG HARBOR RIVER (Berlin)—Source to confluence with Tinker Branch	FW2-NT
CEDAR CREEK (Cedar Crest)—Source to the boundaries of the Pinelands Protection and Preservation Area at the Garden State Parkway, except branches described separately below	PL	(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
(Berkeley)—Garden State Parkway to Barnegat Bay	FW2-NT/SE1	(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
(Greenwood Forest)—Webbs Mill Branch and tributaries located entirely within the boundaries of Greenwood Forest Wildlife Management Area	FW1	(Mays Landing)—Rt. 40 bridge to Great Egg Harbor, except those tributaries described separately below	FW2-NT/SE1
(Greenwood Forest)—Chamberlain's Branch from its origins to a point 1000 feet west of Route 539	FW1	(Mays Landing)—All tributaries or segments of tributaries within the boundaries of the Pinelands Protection and Preservation areas	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	(Egg Harbor)—Tributaries and all other waters within MacNamara Wildlife Management Area, except tributary described below	FW2-NT/SE1(C1)
CEDAR HAMMOCKS CREEK (English Creek Landing)—Entire length	SE1(C1)	(Tuckahoe)—Stream adjacent to and north of Hawkins Creek, and its tributaries, from their origins to the point where the influence of impoundment begins	FW1
CEDAR RUN (Stafford)—Source to the boundaries of the Pinelands Protection and Preservation Area at the Garden State Parkway	PL	GREAT SOUND (Avalon)—All waters within Great Sound State Park	SE1(C1)
(Cedar Run)—Garden State Parkway to the boundaries of the Barnegat National Wildlife Refuge	FW2-NT/SE1	GREAT THOROFARE (Ventnor)—West of Rt. 40	SE1(C1)
(Barnegat)—National Wildlife Refuge boundaries to Barnegat Bay	FW2-NT/SE1(C1)	(Ventnor)—East of Rt. 40	SE1
CEDAR SWAMP CREEK (Cedar Spring)—Entire length, except segment described separately below	FW2-NT/SE1	GRISCOM CREEK (Gibson Landing)—Entire length	FW2-NT/SE1(C1)
(Marmora)—Creek and tributaries within the boundaries of the MacNamara Wildlife Management Area	FW2-NT/SE1(C1)	GUNNING RIVER (Barnegat)—Entire length, except segment described below	FW2-NT/SE1
CHAMBERLAIN BRANCH—See CEDAR CREEK		(Barnegat)—Stream and tributaries within the boundaries of Barnegat National Wildlife Refuge	FW2-NT/SE1(C1)
CHANNEL CREEK (Barnegat Bay)—Entire length	SE1(C1)	HALFWAY CREEK (Middletown)—Source to the boundary of the MacNamara Wildlife Management Area	FW2-NT/SE1
CHARLEY CREEK (Marmora)—Entire length	FW2-NT/SE1(C1)	(MacNamara)—Creek and tributaries within the boundaries of the MacNamara Wildlife Management Area	SE1(C1)
CLEAR STREAM (Jackson)—Entire length	FW2-TM	HARRY POND (Barnegat)	FW2-NT/SE1(C1)
COLLINS TIDE PONDS (Barnegat)	FW2-NT/SE1(C1)	HATFIELD CREEK (Beach Haven Heights)—Entire length	SE1(C1)
COMMANDO CREEK (Marmora)—Entire length	SE1(C1)	HAWKINS CREEK (Tuckahoe)—Source to the point where the influence of impoundment begins	FW1
CRANBERRY BROOK (Monmouth)—Entire length	FW2-NT/SE1	(Tuckahoe)—Downstream of the influence of impoundment	SE1(C1)
DAVENPORT BROOK (Berkeley)—Source to the boundaries of the Pinelands Protection and Preservation Area at the Penn Central railroad tracks	PL	HAY STACK BROOK (Howell)—Entire length	FW2-NT
(Toms River)—Railroad tracks to confluence with Wrangel Brook	FW2-NT	HOSPITALITY CREEK (Longport)—Entire length	SE1(C1)
DEEP CREEK (Herbertsville)—Entire length	FW2-NT	JACOVY CREEK (Stone Harbor)—Entire length	SE1(C1)
DEEP RUN (Wharton)—Run and tributaries from their sources to Springer's Brook	FW1	JAKES BRANCH (Berkeley)—Source to the boundaries of the Pinelands Protection and Preservation Area at the Garden State Parkway	PL
DICKS BROOK (Larrabee's Crossing)—Entire length	FW2-NT		
DINNER POINT CREEK (Staffordsville)—Entire length	SE1(C1)		
DOCK THOROFARE (Northfield)—Entire length	SE1(C1)		
DOVE MILL BRANCH—See TOMS RIVER			
EDWARD CREEK Ocean City—Source to the boundary of Marmora Wildlife Management Area	SE1		
Ocean City—Boundary of Marmora Wildlife Management Area to Horn Creek	SE1(C1)		

<u>Waterbody</u>	<u>Classification</u>	<u>Waterbody</u>	<u>Classification</u>
(Beachwood)—Garden State Parkway to Toms River	FW2-NT/SE1	MAIN STEM METEDECONK RIVER	
JAY CREEK	SE1(C1)	(Brick)—Confluence of North and South branches to Barnegat Bay	FW2-NT/SE1
JIMMIES CREEK		MIDDLE RIVER	
(Great Bay)—Source to the boundary of Great Bay Wildlife Management Area	SE1(C1)	(Tuckahoe)—Entire length, except the segment described below	FW2-NT/SE1
(Parkers Landing)—Segments of the Creek outside the boundaries of Great Bay Wildlife Management Area	SE1	(Middletown)—Segment within the boundaries of MacNamara Wildlife Management Area	FW2-NT/SE1(C1)
JOSH CREEK (Stone Harbor)—Entire length	SE1(C1)	MILE THOROFARE (Brigantine)—Entire length	SE1(C1)
JUDIES CREEK		MILL RUN (Allaire)—See BRISBANE LAKE	
(Great Bay)—Source to widening of creek	SE1	MINGAMAHONE BROOK	
(Great Bay)—Widening of creek to mouth	SE1(C1)	MAINSTEM	
JUMPING BROOK (Neptune)—Entire length	FW2-NT/SE1	(Farmingdale)—Entire length, except segments described below	FW2-TM
KNOLL POND (Barnegat)	FW2-NT/SE1(C1)	(Allaire State Park)—Brook and tributaries within the boundaries of Allaire State Park	FW2-TM(C1)
LAKES BAY (Ventnor)	SE1(C1)	EAST BRANCH	
LAKES CHANNEL (Ventnor)—Entire length	SE1(C1)	(Farmingdale)—Source to confluence with mainstem north of Farmingdale	FW2-NT
LITTLE GREAVES CREEK (MacNamara)—Entire length	SE1(C1)	MIRY RUN (MacNamara)—Entire length	FW2-NT/SE1(C1)
LITTLE SCOTCH BONNET		MOTT CREEK (Brigantine)—Entire length	SE1(C1)
(Stone Harbor)—Entire length, except segment described below	SE1	MUD CREEK (MacNamara)—Entire length	SE1(C1)
(Stone Harbor)—Segment within the boundaries of Marmora Wildlife Management Area	SE1(C1)	MUDDY FORD BROOK (Larrabee's Crossing)—Entire length	FW2-TM
LITTLE THOROFARE (Tuckerton)—Entire length	SE1(C1)	MULBERRY THOROFARE (Northfield)—Entire length	SE1(C1)
LONG BROOK (Jackson)—Entire length	PL	MULLICA RIVER	
LONG POINT CREEK (Marmora)—Entire length	FW2-NT/SE1(C1)	(Berlin)—Source to Pinelands Protection and Preservation Area boundaries at the Garden State Parkway, except branches and tributaries described below	PL
LONG SWAMP BROOK		(Wharton)—Stream in the southeasterly corner of the Wharton State Forest located between Ridge Rd. and Seaf Weeks Rd., downstream to the boundaries of the Wharton State Forest	FW1
(Squankum)—Entire length, except segment within the boundaries of Allaire State Park	FW2-NT	(Wharton)—Gun Branch from its headwaters to U.S. Rt. 206	FW1
(Allaire)—Segment within the boundaries of Allaire State Park	FW2-NT(C1)	(New Gretna)—River and tributaries from the Pinelands Protection and Preservation Area boundary to Great Bay	SE1(C1)
LOWER LONG REACH (Stone Harbor)—Entire length	SE1(C1)	(Wharton)—Brooks and tributaries between and immediately to the west of Tylertown and Crowleytown, from their headwaters to the head of tide at mean high water	FW1
LUDLAM CREEK (Marmora)—Entire length	SE1(C1)	NARROWS CREEK (Middletown)—Entire length	SE1(C1)
MAIN MARSH CREEK (Brigantine)—Entire length	SE1(C1)	NORTH CHANNEL POND (Stone Harbor)	FW2-NT/SE1(C1)
MANAHAWKIN CREEK		OLDMAN CREEK (Stone Harbor)—Entire length	SE1(C1)
(Manahawkin)—Source to the boundaries of Manahawkin Wildlife Management Area	FW2-NT/SE1	OTTER CREEK (Middletown)—Entire length	SE1(C1)
(Manahawkin)—Within the boundaries of the Manahawkin Wildlife Management Area	FW2-NT/SE1(C1)	OYSTER CREEK	
MANASQUAN RIVER		(Brookville)—Source to the boundaries of the Pinelands Protection and Preservation Area at the Garden State Parkway	PL
MAIN STEM		(Forked River)—Garden State Parkway to Barnegat Bay	FW2-NT/SE1
(Freehold)—Source to Rt. 9 bridge, except tributaries described separately under Tributaries, below	FW2-NT	OYSTER CREEK (Great Bay)—Entire length	SE1(C1)
(Farmingdale)—Rt. 9 bridge to the "Narrows" in the vicinity of the Meadows Marina, except tributaries described separately under Tributaries, below	FW2-TM	REEVY BRANCH—See SHARK RIVER	
(Meadows Marina)—The "Narrows" to surf waters	SE1	RING ISLAND CREEK (Stone Harbor)—Entire length	SE1(C1)
TRIBUTARIES, MANASQUAN RIVER (See also BRISBANE LAKE)		RISLEY CHANNEL (Margate)—Entire length	SE1(C1)
(Adelphia)—Entire length	FW2-NT	ROUNDABOUT CREEK (New Gretna)—Entire length	SE1(C1)
(Allaire)—Those portions of the first and second southerly tributaries west of the Hospital Rd. which are located entirely within the boundaries of Allaire State Park	FW1(tm)	SALT CREEK (Stone Harbor)—Entire length	SE1(C1)
(Brick)—Tributaries within the boundaries of Allaire State Park and Manasquan River Wildlife Management Area, except those designated FW1, above	FW2-TM(C1)	SCULL BAY (Linwood)	SE1(C1)
(Freehold)—Tributaries within the boundaries of Turkey Swamp Wildlife Management Area	FW2-NT(C1)	SEDGE CREEK (MacNamara)—Entire length	SE1(C1)
MARMORA WILDLIFE MANAGEMENT AREA		SHARK CREEK (Stone Harbor)—Entire length	SE1(C1)
(Strathmere)—All waters within the boundaries of Marmora Wildlife Management Area	FW2-NT/SE1(C1)	SHARK RIVER	
MARSH BOG BROOK		(Colts Neck)—Source to Rt. 33	FW2-NT
(Farmingdale)—Source to Yellow Brook Rd.	FW2-NT	(Neptune)—Rt. 33 to Brighton Ave. bridge, Glendola	FW2-TM/SE1
(Allaire)—Allaire State Park boundary at Yellow Brook Rd. to Manasquan River	FW2-NT(C1)	(Glendola)—Brighton Ave. bridge to Atlantic Ocean	FW2-NT/SE1
MASONS CREEK (Marmora)—Entire length	SE1(C1)	TRIBUTARY	
MCNEALS BRANCH—See TUCKAHOE RIVER		REEVY BRANCH (Reevytown)—Source to confluence with Shark River	FW2-NT
METEDECONK RIVER		SHELL THOROFARE (Wildwood Gables)—Entire length	SE1(C1)
SOUTH BRANCH		SHELTER ISLAND BAY (Margate)	SE1(C1)
(Lakewood)—Entire length, except segment described below	FW2-NT	SHELTER ISLAND WATERS (Margate)—Entire length	SE1(C1)
(Turkey Swamp)—Tributaries within the boundaries of Turkey Swamp Wildlife Management Area	FW2-NT(C1)	SKIT BRANCH—See BATSTO RIVER	
NORTH BRANCH METEDECONK RIVER		SOD THOROFARE (Linwood)—Entire length	SE1(C1)
(Freehold)—Source to Aldrich Rd., except segment described below	FW2-NT	SOUTHEAST CREEK (Stone Harbor)—Entire length	SE1(C1)
(Turkey Swamp)—River and tributaries within the boundaries of Turkey Swamp Wildlife Management Area	FW2-NT(C1)	SQUANKUM BROOK	
(Lakewood)—Aldrich Rd. to Lanes Mills	FW2-TM	(Squankum)—Entire length, except segment described below	FW2-NT
(Brick)—Lanes Mills to confluence with Metedeconk River, South Branch	FW2-NT	(Allaire)—Segment within Allaire State Park	FW2-NT(C1)
		STEELEMAN BAY (Somers Point)	SE1(C1)
		SWAN POND (Marmora)	FW2-NT/SE1(C1)
		SWAN POND RACE (Marmora)—Entire length	FW2-NT/SE1(C1)

<u>Waterbody</u>	<u>Classification</u>
TAUGH CREEK (Whitesboro)—Entire length, except segment described below (Whitesboro)—Portions outside the boundaries of Mar-mora Wildlife Management Area	SE1(C1)
TIMBER SWAMP BROOK (Oak Glen) —Entire length	SE1
TINKER BRANCH —See GREAT EGG HARBOR RIVER	FW2-NT
TITMOUSE BROOK (Howell) —Entire length	FW2-TM
TOMMYS BRANCH —See BASS RIVER	
TOMS RIVER MAIN STEM (Holmeson)—Source to Rt. 528 bridge, Cassville, except those tributaries described separately under Tributaries below (Van Hiseville)—Rt. 528 bridge to Rt. 547 bridge in Whitesville, except tributaries described separately, under Tributaries below (Whitesville)—Rt. 547 bridge to Pinelands Protection and Preservation Area boundaries at the NJ Central Railroad tracks, except tributaries described separately, under Tributaries below (Manchester)—NJ Central Railroad tracks to Rt. 571 bridge, except tributaries described separately, under Tributaries below (Toms River)—Rt. 571 bridge to Barnegat Bay, except tributaries described separately, under Tributaries below	FW2-NT PL(tm) PL(tm) FW2-TM FW2-NT/SE1
TRIBUTARIES, TOMS RIVER (Holmeson)—Tributaries within the boundaries of the Pinelands Protection and Preservation Area (Van Hiseville)—All tributaries outside the boundaries of the Pinelands Protection and Preservation Area which enter the River between the Rt. 528 bridge, Cassville, and the Rt. 547 bridge, Whitesville, except Dove's Mill Branch described separately below (Toms River)—All tributaries within the boundaries of the Pinelands Protection and Preservation Area (Archer's Corners)—All tributaries outside the boundaries of the Pinelands Protection Area and within the boundaries of Colliers Mills Wildlife Management Area	PL FW2-TM PL FW2-NT(C1)
DOVE'S MILL BRANCH (Van Hiseville) Entire length, except the segment described separately below (Holmansville)—Stream and tributaries within Butterfly Bogs Wildlife Management Area	FW2-NT FW2-NT(C1)
MAPLE ROOT BRANCH (Jackson)—Source to confluence with Toms River	PL
TUCKAHOE LAKE (Tuckahoe)	FW2-NT(C1)
TUCKAHOE RIVER (Milmay)—Source to Pinelands Protection and Preservation Area boundary at Rt. 49 (Head of River)—McNeals Branch and the River within the boundaries of the Peaselee Wildlife Management Area, except tributaries within the boundaries of the Pinelands Protection and Preservation Area, described separately below (Head of River)—Tributaries within the Pinelands Protection and Preservation Area boundaries (Tuckahoe)—Edge of Fish and Wildlife Management Area at confluence with Warners Mill Stream to Great Egg Harbor, except segment described separately below (Tuckahoe)—River, tributaries and all other waters within boundaries of the MacNamara Wildlife Management Area	PL FW2-NT/SE1(C1) PL FW2-NT/SE1(C1) FW2-NT/SE1(C1)
TULPEHOCKEN CREEK (Wharton)—Creek and tributaries from their origin to the confluence with Featherbed Branch (Wharton)—The westerly tributaries and those natural ponds within the lands bounded by Hawkins (Bulltown-Hawkins) Rd., Hampton Gate (Tuckerton) Rd., and Sandy Ridge Rd.	FW1 FW1
TURTLE GROUND CREEK (Jeffers Landing) —Entire length	SE1(C1)
TURTLE GUT (Ventnor) —Entire length	SE1(C1)
WADING RIVER (Chatsworth)—Entire length, except tributaries described separately below (Greenwood Forest)—Westerly tributary to Howardsville Cranberry Bog Reservoir and other tributaries	PL

<u>Waterbody</u>	<u>Classification</u>
located entirely within the boundaries of the Greenwood Forest Wildlife Management Area	FW1
WARNERS MILL STREAM (Head of River)—Source to Pinelands Protection and Preservation Area boundary at Aetna Dr.	PL
(Head of River)—Aetna Dr. to boundary of the Peaselee Wildlife Management Area	FW2-NT/SE1
(Head of River)—Within the boundaries of the Peaselee Wildlife Management Area to the Tuckahoe River	FW2-NT/SE1(C1)
WEBBS MILL BRANCH —See CEDAR CREEK	
WIGWAM CREEK (Great Bay)—Source to Rt. 9 (Great Bay)—Rt. 9 to Mott Creek	FW2-NT/SE1 SE1(C1)
WINTER CREEK (New Gretna) —Entire length	SE1(C1)
WHIRLPOOL CHANNEL (Margate) —Entire length	SE1(C1)
WORLDS END CREEK (New Gretna) —Entire length	SE1(C1)
WRANGLE BROOK (Keswick Grove)—Entire length, except segment described below (Whiting)—Brook and tributaries within Whiting Wildlife Management Area	FW2-NT/SE1 FW2-NT(C1)
WRANGLE CREEK (Forked River) —Entire length and all waters within Forked River Game Farm	FW2-NT/SE1(C1)
WRECK POND BROOK (Wall) —Entire length	FW2-NT

(d) The surface water classifications in Table 2 are for waters of the Delaware River Basin:

TABLE 2

<u>Waterbody</u>	<u>Classification</u>
ALEXAUKEN CREEK (Lambertville) —Entire length	FW2-TM
ALLAMUCHY CREEK (Allamuchy) —Entire length	FW2-NT(C1)
ALLAMUCHY POND (Allamuchy)	FW2-NT(C1)
ALLAMUCHY POND TRIBUTARIES (Allamuchy) —All tributaries that are located entirely within the boundaries of Allamuchy State Park and that flow into Allamuchy Pond	FW1
ALLOWAY CREEK (Alloways) —Entire length	FW2-NT/SE1
ALMS HOUSE BROOK (Hampton)—Source to, but not including, County Farm Pond (Frankford)—County Farm Pond to Paulins Kill	FW2-TM FW2-NT
ANDOVER JUNCTION BROOK (Andover) —Entire length	FW2-TM
ASHROE LAKE (Stokes State Forest)	FW2-NT(C1)
ASHROE LAKE TRIBUTARIES (Stokes State Forest)—Tributary to the Lake from Deer Lake and portion of southernmost tributary to Ashroe Lake outside of the Stokes State Forest boundary (Stokes State Forest)—Southernmost tributary to the Lake from its source to the Stokes State Forest boundary	FW2-TP(C1) FW1(tp)
ASSISCUNK CREEK (Burlington) —Entire length	FW2-NT
ASSUNPINK CREEK (Trenton)—Source to confluence with the Delaware River, except segments described separately below (Roosevelt)—Creek and those tributaries within the boundaries of the Assunpink Wildlife Management Area (Quaker Bridge)—Portions of the creek within the boundaries of Van Ness Refuge	FW2-NT FW2-NT(C1) FW2-NT(C1)
BALDRIDGE CREEK (Salem Creek)—Entire length, except segments described below (Salem Creek)—Segments outside the boundaries of the Supawna National Wildlife Refuge	FW2-NT/SE1(C1) FW2-NT/SE1
BARKERS MILL BROOK (Independence) —Entire length	FW2-TP(C1)
BAY PONDS (Egg Island)	FW2-NT/SE1(C1)
BEADONS CREEK (Fortescue) —Entire length	SE1(C1)
BEAR BROOK (Johnsonburg) —Entire length	FW2-TP(C1)
BEAR CREEK (Johnsonburg)—Mud Pond to the Erie-Lackawanna Railroad trestle north of Johnsonburg (Frelinghuysen)—Erie-Lackawanna Railroad trestle to confluence with Pequest River	FW1(tm) FW2-TM
BEATTY'S BROOK (Penwell) —Entire length	FW2-TP(C1)
BEAVER BROOK (Hope) —Entire length	FW2-NT

Waterbody	Classification	Waterbody	Classification
BEAVER BROOK (Jefferson)—Source to, but not including, Lake Shawnee	FW2-NT	(Byram)—Entire length within Cranberry Lake State Park	FW2-NT(C1)
BEAVERDAM BRANCH (Glassboro)—Source to boundary of the Glassboro Wildlife Management Area	FW2-NT	(Byram)—Stream outside of Cranberry Lake State Park	FW2-NT
(Glassboro)—Within the boundaries of Glassboro Wildlife Management Area	FW2-NT(C1)	CRISS BROOK (Stokes State Forest)—Entire length within the boundaries of Stokes State Forest	FW1(tp)
BEERSKILL (High Point State Park)—Source to boundary of High Point State Park at 41° 15' 48" N, 74° 45' 49" W	FW1(tp)	CROSSWICKS CREEK (Bordentown)—Entire length	FW2-NT
(Shaytown)—Boundary of High Point State Park to confluence with Little Flat Brook	FW2-TP(C1)	CROW CREEK (S. Dennis)—Entire length	FW2-NT/SE1(C1)
BIG FLAT BROOK (Montague)—Sawmill Pond to confluence with Parker Brook, except segments described under the listing for Flat Brook, below	FW2-NT(C1)	CULVER'S CREEK (Frankford)—Entire length	FW2-TM
(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)	CULVER'S LAKE (Frankford)	FW2-TM
(Tuttles Corner)—Outlet stream from Lake Ashroe to its confluence with Big Flat Brook	FW2-TP(C1)	DEER LAKE (Sandyston)	FW2-NT(C1)
BIG TIMBER CREEK (Westville)—Entire length	FW2-NT	DEER PARK BRANCH—See RANCOCAS CREEK	
BLACKBIRD GUT (Newport)—Entire length	SE1(C1)	DEER PARK POND (Allamuchy)—Pond and tributaries to the pond within Allamuchy State Park, except those tributaries classified as FW1, below	FW2-NT(C1)
BLACKS CREEK (Bordentown)—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
BLAIR CREEK (Hardwick)—Source to Bass Lake	FW2-NT	(Allamuchy)—Deer Park Pond outlet stream downstream to Musconetcong River	FW2-TM(C1)
(Hardwick Center)—Bass Lake outlet to Paulins Kill	FW2-TM	DELAWANNA CREEK (Delaware)—Source downstream to, but not including, Delaware Lake	FW2-TM
BOILER DITCH (Egg Island)—Entire length	FW2-NT/SE1(C1)	(Delaware)—Delaware Lake dam downstream to Delaware River, including tributaries	FW2-TP(C1)
BRASS CASTLE CREEK (Brass Castle)—Entire length	FW2-TP(C1)	DELAWARE AND RARITAN CANAL (Lambertville)—Entire length	FW2-NT
BROOKALOO SWAMP (Hope)—Entire length	FW2-TM	DELAWARE RIVER MAIN STEM (Interstate Waters—Classifications from Delaware River Basin Commission (DRBC))	
BUCKHORN CREEK (Hutchinson)—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
BUCKS DITCH (Mad Horse Creek)—Entire length	SE1(C1)	(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
BUCKSHUTEM CREEK (Centre Grove)—Entire length, except segments described separately below	FW2-NT	(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
(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)	(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
(Edward G. Bevan)—Joshua and Pine Branches to their confluence with Buckshutem Creek	FW1	(Philadelphia)—River mile 108.4 to below the mouth of Big Timber Creek, New Jersey, at River Mile 95.0	Zone 3
CAT GUT (Mad Horse Creek)—Entire length	SE1(C1)	(Gloucester)—River Mile 95.0 to the Pennsylvania-Delaware state line at River Mile 78.8	Zone 4
CEDAR BRANCH (Manumuskin River)—Source to Manumuskin River	FW1	(Marcus Hook)—Pennsylvania-Delaware state line at River Mile 78.8 to Liston Pt., Delaware at River Mile 48.2	Zone 5
CEDAR BRANCH (Edward G. Bevan)—Entire length	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)
CEDAR BRANCH (Edward G. Bevan)—See NANTUX-ENT CREEK		TRIBUTARIES, DELAWARE RIVER (Holland)—Entire length	FW2-TP(C1)
CEDAR CREEK (Dividing Creek Station)—Entire length, except portions described separately below	FW2-NT	(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
(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	(Knowlton)—Source, north of Hope-Delaware Road, to confluence with the Delaware River 0.5 mile south of Ramseysburg	FW2-TP(C1)
CEDARVILLE POND (Cedarville)	FW2-NT(C1)	(Titusville)—Unnamed tributaries through Washington Crossing State Park	FW2-NT(C1)
CHERRY TREE CREEK (Mad Horse Creek)—Entire length	SE1(C1)	(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
CLARKS POND (Bridgeton)	FW2-NT(C1)	(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
CLEARVIEW CREEK (Hampton)—Source to Alms House Brook	FW2-NT	(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
CLINT MILLPOND (Beaver Swamp)	FW2-NT(C1)	DENNIS CREEK (South Dennis)—Entire length, except segments described below	FW2-NT/SE1
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			

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

Waterbody	Classification	Waterbody	Classification
LAHAWAY CREEK (Propertown)—Entire length, except tributaries described separately below (Colliers Mills)—All tributaries which originate in the Colliers Mills Wildlife Management Area north-northeast of Archers Corners, from their sources to the boundaries of the Colliers Mills Wildlife Management Area	FW2-NT	MASON CREEK (Springville)—Entire length, except segment described below (Medford)—Segment within Medford Wildlife Management Area	FW2-NT FW2-NT(C1)
LAKE —See listing under Name	FW1	MASONS RUN (Pine Hill)—Source to Little Mill Rd. (Lindenwold)—Little Mill Rd. to confluence with Big Timber Creek	FW2-TP(C1) FW2-NT
LITTLE EASE RUN (Glassboro)—Entire length, except portion described separately below (Glassboro)—Run and tributaries within the Glassboro Wildlife Management Area, except tributary described separately below (Glassboro)—The portion of a branch of Little Ease Run situated immediately north of Stanger Avenue, and entirely within the Glassboro Wildlife Management Area (Glassboro)—The first and second easterly tributaries to Little Ease Run north of Academy Road	FW2-NT FW2-NT(C1) FW1 FW1	MAURICE RIVER MAIN STEM (Willow's Grove)—Source to the boundary of the section of Union Lake Wildlife Management Area north of Vineland (Vineland)—Boundary of the Union Lake Wildlife Management Area to confluence with Blackwater Branch (Vineland)—Confluence with Blackwater Branch to Delaware Bay, except tributaries described under Tributaries below	FW2-NT FW2-NT(C1) FW2-NT(C1) FW2-NT/SE1
LITTLE FLAT BROOK (High Point State Park)—Source to boundary of High Point State Park (Layton)—State park boundary to, but not including, tributary described below, to confluence with Big Flat Brook (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) FW2-TP(C1) FW1(tp)	TRIBUTARIES, MAURICE RIVER (Willow's Grove)—Those portions of tributaries that are within the boundaries of the Pinelands Protection and Preservation Area (Vineland)—All tributaries within the boundaries of the Union Lake Wildlife Management Area and within the Wildlife Management Area that borders Delaware Bay	PL FW2-NT/SE1(C1) FW2-NT/SE1(C1)
LITTLE SHABACUNK CREEK (Lawrence)—Entire length	FW2-NT	MCCORMICK POND (Egg Island)	
LITTLE SWARTSWOOD LAKE (Swartswood)	FW2-NT(C1)	MACDONALD BRANCH —See RANCOCAS CREEK	
LITTLE YORK CREEK (Little York)—Entire length	FW2-TP(C1)	MERRILL CREEK (Harmony)—Entire length, but not including Merrill Creek Reservoir	FW2-TP(C1)
LOCKATONG CREEK (Kingwood)—Source to Idell Bridge (Raven Rock)—Idell Bridge to Delaware River	FW2-NT FW2-TM FW2-NT(C1)	MERRILL CREEK RESERVOIR (Harmony)	FW2-TM
LOGAN POND (Repaup)		MIDDLE BROTHERS CREEK (Egg Island)—Entire length	SE1(C1)
LOMMASONS GLEN BROOK (Lommasons Glen)—Entire length	FW2-TP(C1)	MIDDLE MARSH CREEK (Dix)—All fresh waters which originate in and are located entirely within the boundaries of the Dix Wildlife Management Area	FW1 FW1
LONG POND (Mad Horse Creek)	SE1(C1)	MILE BRANCH —Entire length	
LONE TREE CREEK (Egg Island)—Entire length	SE1(C1)	MILL BROOK (Montague)—See CLOVE BROOK	
LOPATCONG CREEK (Allens Mills)—Source to Decker Rd. bridge (Herkers Hollow)—Decker Rd. bridge to Rt. 57 bridge (Phillipsburg)—Rt. 57 bridge to a point 560 feet (straight line distance) upstream of the Penn Central railroad track (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-TP(C1) FW2-TM FW2-TP(C1)	MILL BROOK (Broadway)—Entire length	FW2-TP(C1)
TRIBUTARY (Uniontown)—Entire length	FW2-NT	MILL CREEK (Carmel)—Entire length, except segment described below (Union Lake)—Creek and tributaries within the boundaries of the Union Lake Wildlife Management Area	FW2-NT FW2-NT(C1)
LOWER BROTHERS CREEK (Egg Island)—Entire length	FW2-TP(C1)	MINE BROOK (Mt. Olive)—Source to, but not including, Upper Mine Brook Reservoir, downstream to Lower Mine Brook Reservoir outlet (Mt. Olive)—Lower Mine Brook Reservoir outlet downstream to Drakestown Road bridge (Hackettstown)—Drakestown Road bridge downstream to confluence with Musconetcong River	FW2-TM FW2-TP(C1) FW2-TM
LOWER DEEP CREEK (Mad Horse Creek)—Entire length	SE1(C1)	TRIBUTARIES (Drakestown)—Source downstream to, but not including, Burd Reservoir (Drakestown)—Burd Reservoir downstream to confluence with Mine Brook (Washington)—Entire length of tributary which joins Mine Brook approximately 280 yards upstream of the confluence with the Musconetcong River	FW2-TP(C1) FW2-TP(C1) FW2-TP(C1)
LUBBERS RUN (Byram)—Entire length	SE1(C1)	MIRY RUN (Mercerville)—Entire length	FW2-NT
MAD HORSE CREEK (Canton)—Source to the boundary of Mad Horse Creek Wildlife Management Area and all tributaries outside the boundaries of the Wildlife Management Area (Mad Horse Creek)—Creek and all waters within the Mad Horse Creek Wildlife Management Area	FW2-NT/SE1	MOORE CREEK (Hopewell)—Entire length	FW2-TM
MALAPATIS CREEK (Mad Horse Creek)—Entire length, except segment described below (Mad Horse Creek)—Portions of the Creek beyond the boundaries of the Mad Horse Creek Wildlife Management Area	FW2-NT/SE1(C1)	MOUNT MISERY BROOK (Woodmansie)—Entire length, except segments described below	PL
MANANTICO CREEK (Millville)—Entire length, except segment described below (Manantico)—Segment within the boundaries of the Manantico Ponds Wildlife Management Area	FW2-NT/SE1	SOUTH BRANCH, MOUNT MISERY BROOK (Lebanon State Forest)—All tributaries to the South Branch that are located entirely within the boundaries of Lebanon State Forest (Pasadena)—The two easterly branches of the Branch which are located entirely within the boundaries of the Pasadena Wildlife Management Area	FW1 FW1
MANTUA CREEK (Woodbury)—Entire length	FW2-NT(C1)	MOUNTAIN LAKE (Liberty)	FW2-TM
MARCIA LAKE (High Point State Park)—Entire length (High Point State Park)—Outlet stream from the Lake to the confluence with Clove (Mill) Brook	FW2-TM(C1)	MOUNTAIN LAKE CREEK (Liberty)—Source to Mountain Lake (White)—Mountain Lake dam to Pequest River	FW2-TM FW2-NT FW2-NT
MASHIPACONG POND (Montague)	FW2-TP(C1) FW2-NT(C1)	MUDDY BROOK (Hope)—Entire length	FW2-NT FW1

<u>Waterbody</u>	<u>Classification</u>	<u>Waterbody</u>	<u>Classification</u>
(Mad Horse Creek)—Entire length, except segments described below	SE1(C1)	PAULINS KILL	
(Mad Horse Creek)—Segments outside of the boundaries of the Mad Horse Creek Wildlife Management Area	SE1	EAST BRANCH	
MUDDY RUN		(Andover)—Source to Limecrest quarry (Lafayette)—Limecrest quarry to confluence with Paulins Kill, West Branch, except tributary described below	FW2-NT(C1)
(Elmer)—Entire length, except segments described below	FW2-NT	TRIBUTARY EAST BRANCH	FW2-TP(C1)
(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		(Blairstown)—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 to Paulins Kill Lake dam (Paulins Kill Lake)—Paulins Kill Lake dam to Delaware River, except tributaries described separately below	FW2-NT
TRIBUTARIES		TRIBUTARIES, MAIN STEM	FW2-TM
(Anderson)—Entire length	FW2-TP(C1)	(Blairstown)—Entire length of tributary east of Walnut Valley	FW2-TM
(Changewater)—Entire length	FW2-TP(C1)	(Emmons Station)—Entire length	FW2-TP(C1)
(Deer Park Pond)—See DEER PARK POND		(Stillwater)—Entire length	FW2-TM
(Franklin)—Entire length	FW2-TP(C1)	(Stillwater Station)—Entire length	FW2-TP(C1)
(N. of Hackettstown)—Entire length	FW2-TM	PENNSAUKEN CREEK (Cinnaminson) —Entire length	FW2-NT
(Lebanon)—Entire length	FW2-TP(C1)	PEQUEST RIVER	
(Port Murray)—Entire length	FW2-TP(C1)	(Tranquility)—Source to Tranquility bridge except segments described below	FW2-TM
(S. of Point Mtn.)	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)
(S. of Schooley's Mtn. Brook)—Entire length	FW2-TP(C1)	(Whittingham)—Stream and tributaries within the Whittingham Wildlife Management Area, except those classified as FW1, above	FW2-TM(C1)
(Waterloo)—Tributary west of Kurtenbach's Brook from source downstream to Waterloo Valley Road bridge	FW2-TP(C1)	(Vienna)—Tranquility bridge to Townsbury bridge (Townsbury)—Townsbury bridge to Delaware River, except segment described below	FW2-NT
MUSKEE CREEK		(Pequest)—Segment and tributaries within the boundaries of the Pequest Wildlife Management Area	FW2-TM
(Port Elizabeth)—Source to boundary of Pinelands Protection and Preservation Area, except segments described separately below	PL	TRIBUTARIES	
(Peaselee)—The Middle Branch from its origin to the boundaries of the Peaselee Wildlife Management Area	FW1	(Petersburg)—Headwaters and tributaries downstream to Ryan Road bridge	FW2-TP(C1)
(Peaselee)—Those portions of the tributaries to Slab Branch which are located entirely within the boundaries of the Peaselee Wildlife Management Area	FW1	PIERSONS DITCH (Egg Island) —Entire length	FW2-NT/SE1(C1)
(Bricksboro)—Pinelands Protection and Preservation Area boundaries to Maurice River	FW2-NT	PINE BRANCH —See BUCKSHUTEM CREEK	
NANCY GUT		PLUM BROOK (Sergeantsville) —Entire length	FW2-TM
(Nantuxent)—Source to the boundary of Nantuxent Creek Wildlife Management Area	SE1(C1)	POHATCONG CREEK	
(Newport)—Stream and all tributaries outside of the boundaries of the Nantuxent Creek Wildlife Management Area	SE1	MAIN STEM	
NANTUXENT CREEK		(Mansfield)—Source to Karrsville bridge	FW2-TP(C1)
(Newport Landing)—Entire length, except segment described below	FW2-NT/SE1	(Pohatcong)—Karrsville bridge to Delaware River	FW2-TM
(Nantuxent)—All waters within the boundaries of Nantuxent Creek Wildlife Management Area	FW2-NT/SE1(C1)	TRIBUTARIES	
NEW WAWAYANDA LAKE (Andover)	FW2-TM	(Greenwich)—Entire length	FW2-TP(C1)
NISHISAKAWICK CREEK (Frenchtown) —Entire length	FW2-NT	(New Village)—Entire length	FW2-TP(C1)
OLDMANS CREEK		(Willow Grove)—Entire length	FW2-TP(C1)
(Lincoln)—Entire length, except portion described below	FW2-NT/SE1	POND BROOK (Middleville) —Swartswood Lake outlet to Trout Brook	FW2-NT
(Harrisonville)—Portion within Harrisonville Lake Wildlife Management Area	FW2-NT(C1)	POPHANDUSING BROOK	
OCQUITTUNK LAKE		(Hazen)—Source downstream to Route 519 bridge (Belvidere)—Route 519 bridge downstream to confluence with the Delaware River	FW2-TP(C1)
(Stokes State Forest)—Entire lake	FW2-NT(C1)	RACCOON CREEK (Logan) —Entire length	FW2-TM
(Stokes State Forest)—From the outlet of the Lake to the confluence with Big Flat Brook	FW2-TP(C1)	RANCOAS CREEK	FW2-NT/SE2
OCQUITTUNK LAKE TRIBUTARY (Stokes State Forest) —Source to Ocquittunk Lake	FW1(tp)	NORTH BRANCH	
ORANDAKEN CREEK		(North Hanover)—Source to boundary of the Pinelands Protection and Preservation Area at Pemberton	PL
(Fortescue)—Source to boundary of Egg Island Berrytown Wildlife Management Area	FW2-NT/SE1	(Pemberton)—Boundary of the Pinelands Protection and Preservation Area to the Delaware River, except tributaries described below	FW2-NT
(Egg Island)—Creek and tributaries within the boundaries of the Egg Island Berrytown Wildlife Management Area	FW2-NT/SE1(C1)	(Pemberton)—Tributaries within the boundaries of the Pinelands Protection and Preservation Areas	PL
PARGEY CREEK		SOUTH BRANCH RANCOAS CREEK	
(Gibbstown)—Entire length, except segment described below	FW2-NT/SE2	(Southampton)—Source to Pinelands Protection and Preservation Area boundaries at Rt. 206 bridge south of Vincentown	PL
(Logans Pond)—Segment within the boundaries of Logans Pond Wildlife Management Area	FW2-NT/SE2(C1)	(Vincentown)—Vincentown to Delaware River, except tributaries described separately below	FW2-NT
PARKER BROOK (Montague) —Entire length	FW2-TP(C1)	(Vincentown)—All tributaries within the Pinelands Protection and Preservation Area	PL
PARVIN LAKE (Parvin State Park)	FW2-NT(C1)	COOPER BRANCH RANCOAS CREEK	
PATTYS FORK —See MAD HORSE CREEK		(Woodmansie)—Entire length, except portions described separately, below	PL
PAULINA CREEK (Paulina) —Entire length	FW2-TM		

<u>Waterbody</u>	<u>Classification</u>	<u>Waterbody</u>	<u>Classification</u>
(Lebanon State Forest)—Branch and tributaries downstream to Pakim Pond, and tributaries to Cooper Branch located entirely within the Lebanon State Forest boundaries	FW1	STEENY KILL LAKE (High Point)	FW1
DEER PARK BRANCH RANCOCAS CREEK (Buckingham)—Stream and tributaries near Buckingham to confluence with Pole Bridge Branch	FW1	STEEP RUN (Mauricetown)—Entire length	FW2-NT(C1)
MACDONALDS BRANCH RANCOCAS CREEK (Woodmansie)—Entire length, except as described separately below	PL	STEPHENSBURG BROOK (Stephensburg)—Entire length	FW2-TP(C1)
(Lebanon State Forest)—Branch and tributaries located entirely within Lebanon State Forest	FW1	STONY BROOK (Knowlton)—Entire length	FW2-TP(C1)
SHINNS BRANCH RANCOCAS CREEK (Lebanon State Forest)—Branch and tributaries located entirely within the boundaries of Lebanon State Forest, from their sources to the forest boundary	FW1	STONY BROOK (Stokes State Forest)—Source and tributaries, wholly contained within Stokes State Forest, from their origins to, but not including, Stony Lake	FW1(tp)
(Lebanon Lake Estates)—Forest boundary to lake	PL	(Stokes State Forest)—Tributary originating approximately one mile west of the Branchville Reservoir to the confluence with Stony Brook	FW1(tp)
ROARING DITCH (Heislerville)—Entire length, except segment described below	SE1	(Stokes State Forest)—Outlet of Stoney Lake to the confluence with Big Flat Brook	FW2-TP(C1)
(Eldora)—Ditch and all tributaries within the Dennis Creek Wildlife Management Area boundaries	SE1(C1)	STONEY LAKE (Stokes State Forest)	FW2-TM(C1)
ROWANDS POND (Clementon)—Pond, inlet stream and outlet stream within Rowands Pond Wildlife Management Area	FW2-NT(C1)	TRIBUTARIES—See STONY BROOK	
RUNDLE BROOK (Del. Water Gap)—Source to Sussex County Route 615	FW1	STOW CREEK (Stow Creek Landing)—Entire length, except tributaries described separately below	FW2-NT/SE1
SALEM RIVER (Salem)—Entire length	FW2-NT/SE1	(Mad Horse Creek)—Tributaries within the boundaries of the Mad Horse Creek Wildlife Management Area	FW2-NT/SE1(C1)
SAMBO ISLAND BROOK (Del. Water Gap)—Entire length	FW1	STRAIGHT CREEK (Berrytown)—Entire length	SE1(C1)
SAMBO ISLAND POND (Del. Water Gap)	FW1	SUNFISH POND (Worthington)—The pond and its outlet stream to the Delaware River	FW1
SANDYSTON CREEK (Sandyston)—Entire length	FW2-TP(C1)	SWAN CREEK (Lambertville)—Entire length	FW2-NT
SAVAGES RUN (Belleplaine State Forest)—Entire length, except portions described separately, below	PL	SWARTSWOOD CREEK (Swartswood)—Entire length	FW2-TM
(Belleplaine 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 Belleplaine State Forest	FW1	SWARTSWOOD LAKE (Stillwater)	FW2-TM(C1)
SAWMILL POND (High Point)	FW2-NT(C1)	TAR HILL BROOK (Lake Lenape)—Source to, but not including, Lake Lenape	FW2-TM
SCHOOLEYS MTN. BROOK (Schooley's Mtn.)—Entire length	FW2-TP(C1)	(Lake Lenape)—Lake Lenape to Andover Junction Brook	FW2-NT
SHABAKUNK CREEK (Ewing)—Entire length	FW2-NT	THREE MOUTHS (Egg Island)	FW2-NT/SE1(C1)
SHABBECONG CREEK (Washington)—Entire length	FW2-TM	THUNDERGUST BROOK (Deerfield)—Entire length, except segment described below	FW2-NT
SHAWANNI CREEK (Stokes State Forest)—Headwaters and tributaries downstream to, but not including, Shawanni Lake	FW1(tp)	(Deerfield)—That segment within the boundaries of Parvin State Park	FW2-NT(C1)
(Stokes State Forest)—Outlet of Shawanni Lake downstream to confluence with Flat Brook	FW2-TP(C1)	THUNDERGUST LAKE (Parvin State Park)	FW2-NT(C1)
SHAWANNI LAKE (Stokes State Forest)	FW2-NT(C1)	TILLMAN BROOK (Walpack)—Entire length	FW1(tp)
SHAWS MILL POND (Cedarville)	FW2-NT/SE1(C1)	TROUT BROOK (Hackettstown)—Entire length	FW2-TM(C1)
TRIBUTARIES (Edward G. Bevan)—Cedar and Mile Branches to Shaw's Mill Pond	FW1	TROUT BROOK (Tranquility)—Entire length	FW2-TP(C1)
SHIMERS BROOK (Millville)—Entire length, except those segments and tributaries designated FW1, below	FW2-TP(C1)	TROUT BROOK (Hope)—Entire length	FW2-TM
(High Point)—That segment of Shimers Brook and all tributaries within the boundaries of High Point State Park	FW1(tp)	TROUT BROOK (Allamuchy)—Entire length	FW2-NT
SHINNS BRANCH—See RANCOCAS CREEK		TROUT BROOK (Middleville)—Source to confluence with Pond Brook	FW2-TP(C1)
SHIPETAUKIN CREEK (Lawrenceville)—Entire length	FW2-NT	(Middleville)—Confluence with Pond Brook to Paulins Kill	FW2-NT
SHORE DITCH (Mad Horse Creek)—Entire length	SE1(C1)	TURKEY HILL BROOK (Bethlehem)—Entire length	FW2-TP(C1)
SILVER LAKE (Hope)	FW2-TM	TURNERS FORK—See MAD HORSE CREEK	
SILVER LAKE FORK—See MAD HORSE CREEK		TUTTLES CORNER BROOK (Tuttles Corner)—Entire length	FW2-TP(C1)
SLAB BRANCH—See MUSKEE CREEK		UPPER BROTHERS CREEK (Egg Island)—Entire length	SE1(C1)
SLUICE CREEK (South Dennis)—Entire length, except segment described below	FW2-NT/SE1	UPPER DEEP CREEK (Mad Horse Creek)—Entire length	SE1(C1)
(Dennis Creek)—Segments of tributaries that are within the Dennis Creek and the Beaver Swamp Wildlife Management Areas	FW2-NT/SE1(C1)	VANCAMPENS BROOK (Millbrook)—Entire length	FW2-TP(C1)
SMITH FERRY BROOK (Del. Water Gap)—Entire length	FW1	WAPALANNE LAKE (Stokes State Forest)	FW2-NT(C1)
SPARTA JUNCTION BROOK (Sparta Junction)—Entire length	FW2-TM(C1)	WARFORD CREEK (Barbertown)—Entire length	FW2-TP(C1)
SPRING MILLS BROOK (Milford)—Entire length	FW2-TP(C1)	WELDON BROOK (Jefferson Township), from source to, but not including, Lake Shawnee	FW2-TM
STEELE RUN (Washington Crossing State Park)—Source to confluence with westerly tributary	FW1	WEST CREEK (Halberton)—Source to the boundary of the Pinelands Protection and Preservation Areas, except those portions described separately below	PL
(Titusville)—Confluence with westerly tributary to the Delaware River	FW2-NT	(Belleplaine)—The portion of the tributary that originates about 0.9 miles southeast of Hoffman's Mill and is located entirely within the boundaries of Belleplaine State Forest	FW1
		(Belleplaine)—Those tributaries that originate about 0.5 miles upstream of Hoffman's Mill and are located entirely within the boundaries of Belleplaine State Forest	FW1
		(Belleplaine)—Eastern branch of the easterly tributary to Pickle Factory Pond from its origin to its confluence with the western branch	FW1
		(Delmont)—Boundary of the Pinelands Protection and Preservation Area to the boundary of the Fish and Game lands	FW2-NT/SE1(C1)
		(Delmont)—Boundary of the Fish and Game lands to Delaware Bay	SE1
		WEST PORTAL CREEK (West Portal)—Entire length	FW2-TP(C1)

<u>Waterbody</u>	<u>Classification</u>	<u>Waterbody</u>	<u>Classification</u>
WHITE BROOK (Montague)—Entire length	FW2-TP(C1)	(W. Milford)—Entire length, except segments described below	FW2-TP(C1)
WHITE LAKE (Hardwick)	FW2-TM	(Hewitt State Forest)—Segments of the brook and all tributaries which originate and are located entirely within Hewitt State Forest	FW1(tp)
WICKECHEOKE CREEK		CORYS BROOK (Warren)—Entire length	FW2-NT
(Locktown)—Source to confluence with Plum Brook	FW2-NT	CRESSKILL BROOK	
(Stockton)—Confluence with Plum Brook to Delaware River	FW2-TM	(Alpine)—Source to Duck Pond Rd. bridge, Demarest (Demarest)—Duck Pond Rd. bridge to Tenakill Brook	FW2-TP(C1)
WIDGEON PONDS (Egg Island)	FW2-NT/SE1(C1)	CROOKED BROOK TRIB. (East of Sheep Hill)—Entire length	FW2-TP(C1)
WILLS BROOK (Mt. Olive)—Entire length	FW2-TM	CUPSAW BROOK	
YARDS CREEK (Blairstown)—Entire length	FW2-TP(C1)	(Skylands)—Source to Wanaque Reservoir, except segment described below	FW2-NT

(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)	DEAD RIVER (Liberty Corners)—Entire length	FW2-NT
ARTHUR KILL		DEN BROOK (Randolph)—Entire length	FW2-NT
(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	TRIBUTARY	
(Elizabeth)—From an east-west line connecting Elizabethport with Bergen Pt., Bayonne to the Outerbridge Crossing	SE3	(Randolph)—Tributary west of Shongum Lake	FW2-TP(C1)
(Woodbridge)—All freshwater tributaries	FW2-NT	DUCK POND (Ringwood)	FW2-NT(C1)
BEAR SWAMP BROOK (Mahwah)—Entire length	FW2-TP(C1)	ELIZABETH RIVER	
BEAR SWAMP LAKE (Ringwood State Park)	FW2-NT(C1)	(Elizabeth)—Source to Broad St. bridge, Elizabeth and all freshwater tributaries	FW2-NT
BEAVER BROOK		(Elizabeth)—Broad St. bridge to mouth	SE3
(Meriden)—From Splitrock Reservoir Dam downstream to Meriden Road bridge	FW2-TP(C1)	FOX BROOK (Mahwah)—Entire length	FW2-NT
(Denville)—Meriden Road Bridge to Rockaway River	FW2-NT	GLASMERE POND (Ringwood)	FW2-NT(C1)
TRIBUTARIES		GOFFLE BROOK (Hawthorne)—Entire length	FW2-NT
(Meriden)—Two tributaries located approximately three quarters of a mile southwest of Meriden	FW2-TP(C1)	GRANNEY BROOK—See SPRING BROOK	
BEECH BROOK		GRANNIS BROOK (Morris Plains)—Entire length	FW2-NT
(West Milford)—From State line downstream to Monksville Reservoir	FW2-TM	GREAT BROOK	
BELCHER CREEK (W. Milford)—Entire length	FW2-NT	(Chatham)—Entire length, except segment described below	FW2-NT
BERRYS CREEK (Secaucus)—Entire length	FW2-NT/SE2	(Great Swamp)—Segment within the boundaries of the Great Swamp National Wildlife Refuge	FW2-NT(C1)
BLACK BROOK		GREEN BROOK	
(Meyersville)—Entire length, except segment described below	FW2-NT	(W. Milford)—Entire length, except those segments described below	FW2-TP(C1)
(Great Swamp)—Segment and tributaries within the Great Swamp National Wildlife Refuge	FW2-NT(C1)	(Hewitt State Forest)—These segments and tributaries which originate and are located entirely within the Hewitt State Forest boundaries	FW1(tp)
BLUE MINE BROOK		GREEN POND (Rockaway)	FW2-TM
(Wanaque)—Headwaters downstream to lower Snake Den Road bridge	FW2-TP(C1)	GREEN POND BROOK	
(Wanaque)—Lower Snake Den Road bridge to the boundary of Norvin Green State Forest	FW2-TM	(Picatinny Arsenal)—Green Pond outlet to, but not including, Picatinny Lake	FW2-TP(C1)
(Norvin Green State Forest)—That portion of the stream and any tributaries within the Norvin Green State Forest	FW2-TM(C1)	(Wharton)—Outlet of Picatinny Lake to the confluence with the Rockaway River	FW2-NT
BRUSHWOOD POND (Ringwood State Park)	FW2-TM(C1)	GREENWOOD LAKE (W. Milford)	FW2-TM
BUCKABEAR POND (Newfoundland)—Pond, its tributaries and connecting stream to Clinton Reservoir	FW2-NT(C1)	HACKENSACK RIVER	
BURNT MEADOW BROOK (Green Pond)—Source downstream to confluence with Green Pond Brook	FW2-NT	(Oradell)—Source to Oradell dam	FW2-NT
BURNT MEADOW BROOK (Stonetown)—Entire length	FW2-TP(C1)	(Oradell)—Main stem and saline tributaries from Oradell dam to the confluence with Overpeck Creek	SE1
CANISTEAR RESERVOIR (Vernon)	FW2-TM	(Little Ferry)—Main stem and saline tributaries from Overpeck Creek to Route 1 and 9 crossing	SE2
CANISTEAR RESERVOIR TRIBUTARY (Vernon)—The southern branch of the eastern tributary to the Reservoir	FW1	(Kearny Point)—Main stem downstream from Route 1 and 9 crossing	SE3
CANOE BROOK (Chatham)—Entire length	FW2-NT	TRIBUTARIES	
CEDAR POND (Potsville)—Pond and all tributaries	FW1	(Oradell)—Tributaries joining the main stem between Oradell dam and the confluence with Overpeck Creek	FW2-NT/SE1
CHARLOTTEBURG RESERVOIR (Charlotteburg)	FW2-TM	(Little Ferry)—Tributaries joining the main stem downstream of Overpeck Creek	FW2-NT/SE2
CHERRY RIDGE BROOK		HANKS POND (Clinton)—Pond and all tributaries	FW1
(Vernon)—Tributaries not contained within Wawayanda State Park and Newark Watershed lands	FW2-NT	HARMONY BROOK (Brookside)—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	HARRISONS BROOK (Bernards)—Entire length	FW2-NT
CLINTON BROOK		HAVEMEYER BROOK (Mahwah)—Entire length	FW2-TP(C1)
(W. Milford)—Clinton Reservoir dam to Pequannock River	FW2-TP(C1)	HEWITT BROOK (W. Milford)—Entire length	FW2-TP(C1)
CLINTON RESERVOIR (W. Milford)	FW2-TM(C1)	HIBERNIA BROOK	
CLOVE BROOK—See STAG BROOK		(Marcella)—Source to first Green Pond Road bridge downstream of Lake Emma	FW2-TP(C1)
COOLEY BROOK		(Hibernia)—First Green Pond Road bridge to confluence with Beaver Brook	FW2-TM

<u>Waterbody</u>	<u>Classification</u>	<u>Waterbody</u>	<u>Classification</u>
(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	(Mendham)—Source downstream to, but not including, Osborn Pond or tributaries described separately below	FW2-TP(C1)
TRIBUTARIES		(Paterson)—Outlet of Osborn Pond to Dundee Lake dam	FW2-NT
(Rockleigh)—Freshwater portions of tributaries to the Hudson River in New Jersey	FW2-NT	(Little Falls)—Dundee Lake dam to confluence with Second River	FW2-NT/SE2 SE3
INDIAN GROVE BROOK		(Newark)—Confluence with Second River to mouth	
(Bernardsville)—Entire length	FW2-TP(C1)	TRIBUTARIES	
JACKSON BROOK		(Great Piece Meadows State Park)—Tributaries within Great Piece Meadows State Park	FW2-NT(C1)
(Mine Hill)—Source to the boundary of Hurd Park, Dover	FW2-TP(C1)	PECKMAN RIVER (Verona)—Entire length	FW2-NT
(Dover)—Hurd Park to Rockaway River	FW2-NT	PEQUANNOCK RIVER	
JENNINGS CREEK (W. Milford)—State line to Wanaque River	FW2-TP(C1)	MAIN STEM	
JERSEY CITY RESERVOIR (Boonton)	FW2-TM	(Vernon)—Source to confluence with Pacock Brook	FW1(tp)
KANOUSE BROOK (Newfoundland)—Entire length	FW2-TP(C1)	(Hardyston)—River and the easterly tributary from Pacock Brook to, but not including, Oak Ridge Reservoir	FW2-TP(C1)
KIKEOUT BROOK (Butler)—Entire length	FW2-NT	(Newfoundland)—Outlet of Oak Ridge Reservoir downstream to, but not including Charlotteburg Reservoir	FW2-TP(C1)
KILL VAN KULL (Bayonne)—Westerly from a north-south line connecting Constable Hook (Bayonne) to St. George (Staten Island, New York)	SE3	(Charlotteburg)—Outlet of Charlotteburg Reservoir to, but not including, Macopin Reservoir or the tributaries described separately below	FW2-TM
LAKE RICKONDA OUTLET STREAM		(Kinneelon)—Macopin Reservoir outlet to Hamburg Turnpike bridge in Pompton Lakes Borough	FW2-TP(C1)
(Monks)—That segment of the outlet stream from Lake Rickonda within Ringwood State Park	FW2-TM(C1)	(Riverdale)—Hamburg Turnpike bridge in Pompton Lakes Borough to confluence with Wanaque River	FW2-TM
LAKE STOCKHOLM BROOK		(Pompton Plains)—Confluence with Wanaque River downstream to confluence with Pompton River	FW2-NT
(Stockholm)—Entire length, except tributaries described separately below	FW2-TP(C1)	TRIBUTARIES	
(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)	(Cooperas Mtn.)—Entire length	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)	(Smoke Rise)—Entire length	FW2-TP(C1)
LITTLE POND BROOK (Oakland)—Entire length	FW2-TP(C1)	(Green Pond Junction)—Tributary at Green Pond Junction from its origin downstream to Route 23	FW1(tm)
LOANTAKA BROOK		(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)
(Green Village)—Entire length, except segment described below	FW2-NT	(Lake Kampfe)—Source to, but not including, Lake Kampfe	FW2-TM
(Great Swamp)—Brook and all tributaries within the boundaries of Great Swamp National Wildlife Refuge	FW2-NT(C1)	(Lake Kampfe)—Lake Kampfe to Pequannock River, except tributary described separately below	FW2-NT
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	(Lake Kampfe)—Tributary within the boundaries of Norvin Green State Forest, originating west of Torne Mtn.	FW2-NT(C1)
MACOPIN RIVER		PILES CREEK (Grasselli)—Entire length	SE3
(Newfoundland)—Source to Echo Lake dam	FW2-NT	POMPTON LAKE (Pompton Lakes)	FW2-NT
(Newfoundland)—Echo Lake dam to Pequannock River	FW2-TM	POMPTON RIVER (Wayne)—Entire length	FW2-NT
MEADOW BROOK		POND BROOK (Oakland)—Entire length	FW2-NT
(Wanaque)—Skyline Lake to E. Belmont Ave.	FW2-NT	POSTS BROOK	
(Wanaque)—E. Belmont Ave. downstream to Wanaque River	FW2-TP(C1)	(Bloomingdale)—Source to confluence with Wanaque River, except Wanaque Reservoir, and segment described below	FW2-NT
MILL BROOK		(Norvin Green State Forest)—That segment of the stream and all tributaries within the boundaries of Norvin Green State Forest	FW2-NT(C1)
(Randolph)—Source to Rt. 10 bridge	FW2-TP(C1)	PREAKNESS (SINGAC) BROOK	
(Randolph)—Rt. 10 bridge to Rockaway River, including the easterly tributary	FW2-TM	(Wayne)—Source to, but not including, Barbour Pond (Barbour Pond)—Pond to Passaic River	FW2-TP(C1) FW2-NT
MONKSVILLE RESERVOIR (Long Pond Ironworks State Park)	FW2-TM(C1)	PRIMROSE BROOK	
MORSES CREEK (Linden)—Entire length	FW2-NT/SE3	(Harding)—Source to Lees Hill Road bridge	FW2-TP(C1)
MOSSMANS BROOK—(West Milford)—Source to confluence with Clinton Reservoir	FW2-TP(C1)	(Harding)—Lees Hill Road bridge to Great Swamp National Wildlife Refuge boundary	FW2-NT
MT. TABOR BROOK (Morris Plains)—Entire length	FW2-NT	(Great Swamp)—Wildlife Refuge boundary to Great Brook	FW2-NT(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	RAHWAY RIVER	
NOSENZO POND (Upper Macopin)	FW2-NT(C1)	SOUTH BRANCH	
OAK RIDGE RESERVOIR (Oak Ridge)	FW2-TM	(Rahway)—Source to Hazelwood Ave., Rahway	FW2-NT
OAK RIDGE RESERVOIR (Oak Ridge)—Northwestern tributary to Reservoir	FW1(tm)	(Rahway)—Hazelwood Ave. to mouth	SE2
OHIO BROOK (Morris Township)—Source downstream to Morristown town line	FW2-TM	MAIN STEM	
OVERPECK CREEK (Palisades Park)—Entire length	FW2-NT/SE2	(Rahway)—Upstream of Pennsylvania Railroad bridge	FW2-NT
PACOCK BROOK		(Linden)—Penn. Railroad bridge to Route 1 and 9 crossing	SE2 SE3
(Canistear)—Brook and tributaries upstream of Canistear Reservoir located entirely within the boundaries of the Newark Watershed	FW1	(Carteret)—Route 1 and 9 crossing to mouth	
(Stockholm)—Outlet of Canistear Reservoir to Pequannock River	FW2-NT	RAMAPO LAKE (Ramapo)—Lake and all outlet streams and tributaries within the boundaries of Ramapo Mtn. State Forest	FW2-NT(C1)
PASSIAC RIVER		RAMAPO RIVER (Mahwah)—State line to Pompton River	FW2-NT FW2-TP(C1)
		TRIBUTARY (Oakland)—Entire length	
		RINGWOOD CREEK	

<u>Waterbody</u>	<u>Classification</u>
(Ringwood)—Entire length, except segment described below	FW2-TM
(Sloatsburg)—Creek within Ringwood State Park	FW2-TM(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	FW2-NT
(Berkshire Valley)—That segment within the boundaries of the Berkshire Valley Wildlife Management Area	FW2-NT(C1)
(Dover)—Washington Pond outlet downstream to Rt. 46 bridge	FW2-TM(C1)
(Boonton)—Rt. 46 bridge to Passiac River, excluding Jersey City Reservoir	FW2-NT
RUSSIA BROOK	
(Sparta)—Source to Lake Hartung dam	FW2-NT
(Milton)—Lake Hartung dam to, but not including, Lake Swannanoa	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	FW2-TP(C1)
(Saddle River)—Bergen County Rt. 2 bridge to Allendale Rd. bridge	FW2-TM
(Lodi)—Allendale Rd. bridge to Passaic River	FW2-NT/SE3
SAWMILL CREEK (Pompton Plains)—Entire length	FW2-NT
SCARLET OAK POND (Mahwah)	FW2-TM
SHEPPARD LAKE (Ringwood)	FW2-TM(C1)
SINGAC BROOK—See PREAKNESS BROOK	
SLOUGH BROOK (Livingston)—Entire length	FW2-NT
SMITH CREEK (Woodbridge)—Entire length	FW2-NT/SE3
SPLIT ROCK RESERVOIR (Rockaway)	FW2-TM
SPLIT ROCK RESERVOIR TRIBUTARIES	
(Farny State Park)—Three tributaries within Farny State Park	FW2-NT(C1)
SPRING (GRANNEY) BROOK (Mine Hill)—Entire length	FW2-TP(C1)
SPRING GARDEN BROOK (Florham)—Entire length	FW2-NT
STAG (CLOVE) BROOK (Mahwah)—Entire length	FW2-TP(C1)
STEPHENS BROOK	
(Roxbury)—Entire length, except segment described separately, below	FW2-NT
(Berkshire Valley)—That segment north of the boundaries of the Berkshire Valley Wildlife Management Area	FW1
STONE HOUSE BROOK (Kinnelon)—Entire length	FW2-NT
STONY BROOK (Boonton)—Entire length	FW2-NT
SURPRISE LAKE (Hewitt)	FW1
SWAN POND (Ringwood)	FW2-NT(C1)
TENAKILL BROOK (Demarest)—Entire length	FW2-NT
TERRACE POND (Wawayanda)	FW2-NT(C1)
TIMBER BROOK (Kitchell)—Entire length, except tributary described separately below	FW2-NT
TIMBER BROOK (Farny State Park)—Headwater segment of tributary to Timber Brook within Farny State Park	FW2-NT(C1)
TROY BROOK (Troy Hills)—Entire length	FW2-NT
WANAQUE RESERVOIR	FW2-TM
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 Stonetown Road, except tributary described separately below	FW2-TM(C1)
(Hewitt)—Entire length of tributary south of Jennings Creek	FW2-TP(C1)
(Pompton Lakes)—Wanaque Reservoir dam to Wanaque Ave. bridge	FW2-NT
(Pompton Lakes)—Wanaque Ave. bridge downstream to Pequannock River	FW2-TM
WEST BROOK (W. Milford)—Entire length	FW2-TP(C1)
WEST POND (Hewitt)	FW1
WEYBLE POND (Ringwood)	FW2-NT(C1)
WHIPPANY RIVER	
(Brookside)—Source to Whitehead Rd. bridge	FW2-TP(C1)
(Morristown)—Whitehead Rd. bridge to Rockaway River	FW2-NT
TRIBUTARIES	

<u>Waterbody</u>	<u>Classification</u>
(Brookside)—Entire length	FW2-TP(C1)
(E. of Brookside)—Entire length	FW2-TM
(E. of Washington Valley)—Entire length	FW2-TM
(Gillespie Hill)—Entire length	FW2-TP(C1)
(Shongum Mtn.)—Entire length	FW2-NT
WONDER LAKE (West Milford)	FW2-NT(C1)
WOODBIDGE CREEK (Woodbridge)—Entire length	FW2-NT/SE3

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

TABLE 4

<u>Waterbody</u>	<u>Classification</u>
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	FW2-NT
(Baldwin)—Segment within the boundaries of Baldwin Lake Wildlife Management Area	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	FW2-TP(C1)
(Annadale)—Reformatory Rd. bridge to Raritan River, South Branch	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	SE1
(Oceanport)—Creek below the line described above	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	
(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	FW2-NT/SE1
(Monmouth Beach)—Creek below line described above	SE1(C1)
BUDD LAKE (Mt. Olive)	FW2-NT(C1)
BURNETT BROOK (Ralston)—Entire length	FW2-TP(C1)
BUSHKILL BROOK	
(Flemington)—Source and tributary downstream to Rt. 31 Bridge	FW2-TM
(Flemington)—Rt. 31 bridge downstream to South Branch Raritan River	FW2-NT
CAPOOLONG (CAKEPOULIN) CREEK (Sydney)—Entire length	FW2-TP(C1)
CEDAR BROOK (Spotswood)—Entire length	FW2-NT
CHAMBERS BROOK (Whitehouse)—Entire length	FW2-NT
CHEESEQUAKE STATE PARK WATERS (S. Amboy)—Fresh waters within the park upstream of the limits of tidal influence	FW2-NT(C1)
CLAYPIT CREEK	
(Navesink)—Source to widening of the Creek near Linden Ave. and just north to the Locust Ave. bridge in Navesink	FW2-NT/SE1
(Navesink)—Widening of Creek to Navesink River	SE1(C1)
COLD BROOK (Oldwick)—Entire length	FW2-TP(C1)
CRAMERS CREEK (Hamden)—Entire length	FW2-NT
CRANBURY BROOK (Old Church)—Entire length	FW2-NT
CRUSER BROOK (Montgomery)—Entire length	FW2-NT
CUCKELS BROOK (Bridgewater)—Entire length	FW2-NT
DAWSONS BROOK (Ironia)—Entire length	FW2-TP(C1)
DEEP RUN (Old Bridge)—Entire length	FW2-NT

Waterbody	Classification	Waterbody	Classification
DEVILS BROOK (Schalks)—Entire length	FW2-NT	MIDDLE BROOK	
DRAKES BROOK		EAST BRANCH (Springdale)—Entire length	FW2-TM
(Ledgewood)—Source downstream to Hillside Avenue bridge		WEST BRANCH (Martinsville)—Entire length	FW2-NT
(Flanders)—Hillside Avenue bridge to confluence with the South Branch Raritan River	FW2-TM(C1)	MAIN STEM (Bound Brook)—Confluence of East and West branches to Raritan River	FW2-NT
TRIBUTARY (Mt. Olive)—Source downstream to Central Railroad bridge	FW2-NT(C1)	MILFORD BROOK (Lafayette Mills)—Entire length	FW2-NT
DUCK POND RUN (Port Mercer)—Entire length	FW2-TP(C1)	MILLSTONE RIVER (Hightstown)—Entire length	FW2-NT
DUKES BROOK (Somerville)—Entire length	FW2-NT	MINE BROOK (Mine Brook)—Entire length	FW2-NT
ELECTRIC BROOK (Schooley's Mtn.)—Entire length	FW2-TP(C1)	TRIBUTARIES	
FLANDERS BROOK (Flanders)—Entire length	FW2-TP(C1)	(East of Mine Mt.)—Entire length	FW2-TP(C1)
FLANDERS CANAL (Flanders)—Entire length	FW2-NT(C1)	(South of Mine Mt.)—Source downstream to Douglass Road Bridge	FW2-TP(C1)
FROG HOLLOW BROOK (Califon)—Entire length	FW2-TP(C1)	MINE BROOK (Colts Neck)—Entire length	FW2-NT
GANDER BROOK (Manalapan)—Entire length	FW2-NT	MULHOCKAWAY CREEK (Pattenburg)—Entire length	FW2-TP(C1)
GLADSTONE BROOK (St. Bernards School)—Entire length	FW2-TP(C1)	NAVESINK RIVER	
GREAT DITCH (S. Brunswick)—That portion of Great Ditch and its tributaries within Pigeon Swamp State Park	FW2-NT(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 (Rumson)—River southeast of the line described above, except segment described below	SE1
GREEN BROOK		(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.	SE1(C1)
(Watchung)—Source to Rt. 22 bridge	FW2-TM	NESHANIC RIVER (Reaville)—Entire length	SE1
(Plainfield)—Rt. 22 bridge to Bound Brook	FW2-NT	NORTON BROOK (Norton)—Entire length	FW2-NT
GUINEA HOLLOW BROOK (Tewksbury)	FW2-TP(C1)	OAKDALE CREEK (Chester)—Entire length	FW2-TP(C1)
HACKLEBARNEY BROOK (Hacklebarney)—Entire length	FW2-TP(C1)	OAKEYS BROOK (Deans)—Entire length	FW2-NT
HEATHCOTE BROOK (Kingston)—Entire length	FW2-NT	OCEANPORT CREEK	
HERZOG BROOK (Pottersville)—Entire length	FW2-TP(C1)	(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	FW2-NT/SE1
HICKORY RUN (Califon)—Entire length	FW2-TP(C1)	(Oceanport)—Creek downstream of line described above	SE1(C1)
HOCKHOCKSON BROOK (Colts Neck)—Entire length	FW2-TM	PARKERS CREEK	
HOLLAND BROOK (Readington)—Entire length	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
HOLLOW BROOK (Pottersville)—Entire length	FW2-TP(C1)	(Fort Monmouth)—Creek downstream of line described above	SE1(C1)
HOOKS CREEK LAKE (Cheesequake State Park)	FW2-NT(C1)	PEAPACK BROOK (Gladstone)—Entire length	FW2-TP(C1)
HOOPSTICK BROOK (Bedminster)—Entire length	FW2-NT	PETERS BROOK (Somerville)—Entire length	FW2-NT
INDIA BROOK (NORTH BRANCH, RARITAN RIVER)		PIGEON SWAMP (Pigeon Swamp State Park)—All waters within the boundaries of Pigeon Swamp State Park	FW2-NT(C1)
(Randolph)—Entire length	FW2-TP(C1)	PIKE RUN (Belle Meade)—Entire length	FW2-NT
IRELAND BROOK (Paulus Corners)—Entire length	FW2-NT	PINE BROOK (Clarks Mills)—Entire length	FW2-NT
IRESECK BROOK (Spotswood)—Entire length	FW2-NT	PINE BROOK (Cooks Mill)—Entire length	FW2-TM
KRUEGER'S BROOK (Flanders)—Entire length	FW2-TP(C1)	PLEASANT RUN (Readington)—Entire length	FW2-NT
LAMINGTON RIVER (BLACK RIVER)		PRESCOTT BROOK (Stanton Station)—Entire length	FW2-TM
(Succasunna)—Source to Rt. 206 bridge	FW2-NT(C1)	RAMANESSIN (HOP) BROOK (Holmdel)—Entire length	FW2-TM
(Milltown)—Rt. 206 bridge to confluence with Rinehart Brook	FW2-TM(C1)	RARITAN BAY—Entire drainage	FW2-NT/SE1
(Pottersville)—Confluence with Rinehart Brook to Camp Brady bridge, Bedminster	FW2-TP(C1)	RARITAN RIVER	
(Vlietown)—Camp Brady bridge to Rt. 523 bridge	FW2-TM	NORTH BRANCH (Also see INDIA BROOK)	
(Burnt Mills)—Rt. 523 to North Branch, Raritan River	FW2-NT	(Pleasant Valley)—Source to, but not including, Ravine Lake	FW2-TP(C1)
TRIBUTARY (Ironia)—Source downstream to, but not including, Bryant Pond	FW2-TP(C1)	(Far Hills)—Ravine Lake dam to Rt. 512 bridge	FW2-TM
LAWRENCE BROOK		(Bedminster)—Rt. 512 bridge to confluence with South Branch, Raritan River	FW2-NT
(Deans)—Source to the intake of the New Brunswick Water Department at Weston's Mill Dam	FW2-NT	SOUTH BRANCH RARITAN RIVER	
(New Brunswick)—Weston's Mill Dam to Raritan River	SE1		
LEDGEWOOD BROOK (Ledgewood)—Entire length	FW2-TP(C1)		
LITTLE BROOK (Califon)—Entire length	FW2-TP(C1)		
LITTLE SILVER CREEK			
(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		
(Rumson)—Creek below line described above	SE1(C1)		
LOMERSON BROOK—See HERZOG BROOK			
MANALAPAN BROOK			
(Jamesburg)—Source to Duhernal Lake dam except tributary described separately below	FW2-NT		
(Tennent)—That portion of the tributary at Tennent along the boundary of Monmouth Battlefield State Park	FW2-NT(C1)		
MATCHAPONIX BROOK (WEAMACONK CREEK)			
(Mount Mills)—Entire length, except segments described below	FW2-NT		
(Freehold)—The brook and tributaries within the boundaries of Monmouth Battlefield State Park	FW2-NT(C1)		
MCGELLAIRDS BROOK			
(Englishtown)—Entire length, except tributary described separately below	FW2-NT		
(Freehold)—Tributary within Monmouth Battlefield State Park	FW2-NT(C1)		
MCVICKERS BROOK (Mendham)—Entire length	FW2-TM(C1)		
MIDDLE BROOK (Greater Cross Roads)—Entire length	FW2-NT		

<u>Waterbody</u>	<u>Classification</u>
(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-NT(C1)
(Mt. Olive)—Dam to confluence with Turkey Brook (Middle Valley)—Confluence with Turkey Brook to Rt. 512 bridge	FW2-TM(C1)
(Califon)— Rt. 512 bridge to downstream end of Packers Island, except segment described separately, below (Ken Lockwood Gorge)—River and tributaries within Ken Lockwood Gorge Wildlife Management Area (Neshanic Sta.)—Downstream end of Packers Island to confluence with North Branch, Raritan River	FW2-TP(C1)
TRIBUTARIES, SOUTH BRANCH RARITAN RIVER	FW2-TM
(Long Valley)—Entire length	FW2-TM(C1)
(S. of Hoffmans)—Entire length	FW2-TP(C1)
(S. of Schooley's Mt.)—Entire length	FW2-TP(C1)
MAIN STEM RARITAN RIVER	FW2-TP(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-NT
(Sayreville)—Landing Lane bridge to Raritan Bay and all saline water tributaries	FW2-NT
RINEHART BROOK (Hacklebarney)—Entire length	SE1
ROCK BROOK (Montgomery)—Entire length	FW2-TP(C1)
ROCKAWAY CREEK	FW2-NT
NORTH BRANCH	
(Mountainville)—Source to Rt. 523 Bridge	FW2-TP(C1)
(Whitehouse)—Rt. 523 bridge to confluence with South Branch	FW2-TM
SOUTH BRANCH	
(Whitehouse)—Entire length	FW2-TM
MAIN STEM	
(Whitehouse)—Confluence of North and South Branches to Lamington River	FW2-NT
ROCKY RUN (Lebanon)—Entire length	FW2-TP(C1)
ROUND VALLEY RESERVOIR (Clinton)	FW2-TP
ROYCE BROOK (Manville)—Entire length	FW2-NT
SANDY HOOK BAY (Sandy Hook)	SE1
SHREWSBURY RIVER	
(Little Silver)—Source to Rt. 36 highway bridge (Highlands)—Rt. 36 bridge to Sandy Hook bay	SE1(C1)
SIDNEY BROOK (Grandin)—Entire length	SE1
SIMONSON BROOK (Griggstown)—Entire length	FW2-NT
SIX MILE RUN (Franklin Church)—Entire length, except segment described below	FW2-NT
(Hillsborough)—Segment within the boundaries of Six Mile Run State Park	FW2-NT(C1)
SOUTH RIVER	
(Old Bridge)—Duhernal Lake to intake of the Sayreville Water Department.	FW2-NT
(Sayreville)—Below the intake of the Sayreville Water Department	FW2-NT
SPOOKY BROOK (Bound Brook)	SE1
SPRUCE RUN	FW2-NT
(Glen Gardner)—Source to, but not including, Spruce Run Reservoir	FW2-TP(C1)
(Clinton)—Spruce Run Reservoir dam to Raritan River, South Branch	FW2-TM
SPRUCE RUN RESERVOIR (Union)—Reservoir and tributaries	FW2-TM(C1)
STONY BROOK (Washington)—Entire length	FW2-TP(C1)
STONY BROOK	
(Hopewell)—Entire length, except that segment described below	FW2-NT
(Snydertown)—Brook and tributaries within Amwell Lake Wildlife Management Area	FW2-NT(C1)
STONY BROOK (Watchung)—Entire length	FW2-NT
SUN VALLEY BROOK (Mt. Olive)—Entire length	FW2-TP(C1)
SWIMMING RIVER	
(Red Bank)—Below the Swimming River Reservoir dam to the Navesink River	FW2-NT/SE1
TANNERS BROOK (Washington)—Entire length	FW2-NT(C1)
TEETERTOWN BROOK (Lebanon)—Entire length	FW2-TP(C1)
TEN MILE RUN (Franklin)—Entire length	FW2-NT
TENNENT BROOK (Old Bridge)—Entire length	FW2-NT
TEPEHEMUS BROOK (Manalapan)—Entire length	FW2-NT
TOWN NECK CREEK	
(Little Silver)—Source to a line beginning on the easternmost extent of the unnamed point of land located	

<u>Waterbody</u>	<u>Classification</u>
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
(Little Silver)—Creek below line described below	SE1(C1)
TROUT BROOK (Hacklebarney)—Entire length	FW2-TP(C1)
TURKEY BROOK (Mt. Olive)—Entire length	FW2-TP(C1)
TURTLEBACK BROOK (Middle Valley)—Entire length	FW2-NT
WALNUT BROOK (Flemington)—Entire length	FW2-TM
WEAMACONK CREEK See MATCHAPONIX BROOK	
WEMROCK BROOK	
(Millhurst)—Entire length, except that segment described below	FW2-NT
(Monmouth Battlefield State Park)—Those segments of the brook and its tributaries within the boundaries of Monmouth Battlefield State Park	FW2-NT(C1)
WEMROCK POND (Monmouth Battlefield State Park)	FW2-NT(C1)
WILLOUGHBY BROOK (Buffalo Hollow)—Entire length	FW2-TP(C1)
WILLOW BROOK (Holmdel)—Entire length	FW2-NT
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

<u>Waterbody</u>	<u>Classification</u>
BEARFORT WATERS (Wawayanda)	FW2-NT(C1)
BEAVER RUN (Wantage)—Entire length	FW2-NT
BLACK CREEK	
(McAfee)—Source to Rt. 94 bridge, except those tributaries described separately, below	FW2-TM
(Vernon)—Rt. 94 bridge to Pochuck Creek	FW2-NT
TRIBUTARIES	
(Hamburg)—Three tributaries to Black Creek which originate in the Hamburg Mtn. Wildlife Management Area from their sources to the Management Area boundaries	FW1(tm)
(Rudeville)—Tributaries within the Hamburg Mtn. Wildlife Management Area not classified as FW1, above	
(McAfee)—Entire length	FW2-TM(C1)
(Vernon Valley)—Entire length	FW2-TP(C1)
FW2-NT	FW2-NT
CLOVE CREEK (Colesville)—Entire length	FW2-TM
CLOVE BROOK	
(Wantage)—Source to, but not including, Clove Acres Lake, except those tributaries described separately below	FW2-TM
(Sussex)—Clove Acres Lake to Papakating Creek	FW2-NT
(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)
FRANKLIN POND CREEK	
(Hardyston)—Source to, but not including, Franklin Pond	FW2-TP(C1)
(Hamburg Mtn.)—Tributaries within the Hamburg Mtn. Wildlife Management Area	FW2-TM(C1)
GLENWOOD BROOK (Glenwood)—Outlet of Glenwood Lake to State line	FW2-TM
HAMBURG CREEK	
(Hamburg Mtn.)—Source to Rt. 517 bridge, Rudeville, except tributary described separately below	FW2-TM
(Hardistonville)—Rt. 517 bridge to Wallkill River	FW2-NT
(Hamburg Mtn.)—The third tributary just southwest of Hamburg Mtn. flowing toward the Wallkill River and located entirely within the Hamburg Mtn. Wildlife Management Area	FW1
HANFORD BROOK (Hanford)—Entire length within New Jersey	FW2-NT
LAKE LOOKOUT (Wawayanda)	FW1
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
LAKE RUTHERFORD (Wantage)—The Lake and its tributaries	FW1(tm)
LAUREL POND (Wawayanda)—Laurel Pond, including its outlet stream and tributaries, to the outlet stream from Lake Wawayanda	FW1

Waterbody	Classification	Waterbody	Classification
LIVINGSTON PONDS (Wawayanda)—The two north-western ponds which are within State Park lands	FW2-NT(C1)	(W. Milford)—Entire length, except segment described separately below	FW2-NT
LIVINGSTON PONDS BROOK (Wawayanda State Park)—Source downstream to State line	FW2-TP(C1)	(Wawayanda)—Segment within the boundaries of Wawayanda State Park	FW2-NT(C1)
LONG HOUSE BROOK (Upper Greenwood Lake)—Source to State line, except segment described below	FW2-NT	SPARTA GLEN BROOK (Sparta)—Entire length	FW2-TP(C1)
(Upper Greenwood Lake)—Segment within the bounds of Hewitt State Forest	FW2-NT(C1)	SPRING BROOK (Maple Grange)—Entire length	FW2-TP(C1)
LOUNSBERRY HOLLOW BROOK (Vernon Valley)—Outlet of Glenwood Lake to Pochuck Creek	FW2-TM	TOWN BROOK (Vernon)—Entire length	FW2-TM
MUD POND OUTLET STREAM (Hamburg)—Outlet stream from the Pond downstream to confluence with Hamburg Creek, including all tributaries	FW2-TP(C1)	WALLKILL RIVER (Sparta)—Source to confluence with Sparta Glen Brook (Franklin)—Sparta Glen Brook to, but not including, Franklin Pond	FW2-NT
PAPAKATING CREEK MAIN STEM (Frankford)—Source to Rt. 629 bridge	FW2-TM	(Wantage)—Outlet of Franklin Pond to State line	FW2-TM
(Pelletstown)—Entire length of tributary	FW2-NT	TRIBUTARIES (Sparta)—Lake Saginaw dam downstream to Wallkill River	FW2-NT
(Wantage)—Rt. 629 bridge to Wallkill River	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	FW2-TP(C1)
WEST BRANCH (Wantage)—Entire length	FW2-NT	(Ogdensburg)—Tributary from the outlet of Heaters Pond to the confluence with the Wallkill River	FW1(tm)
PARKER LAKE (Wawayanda)	FW2-NT(C1)	WANTAGE BROOK (Wantage)—Entire length	FW2-TP(C1)
POCHUCK CREEK (Vernon)—Source to State line, except segment described separately below	FW2-NT	WAWAYANDA CREEK (Vernon)—State line to Pochuck Creek, except unnamed tributary described below	FW2-NT
(High Point)—Segment within State Park lands	FW2-NT(C1)	TRIBUTARIES (Wawayanda)—Source to State line	FW2-TM
QUARRYVILLE BROOK—See WILLOW BROOK		(Wawayanda State Park)—Segments within State Park boundaries, except Livingston Ponds Brook as noted above	FW2-NT
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	WAWAYANDA LAKE (Wawayanda)	FW2-NT(C1)
SAND HILLS BROOK (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	WHITE LAKE (Sparta)	FW2-TM
(Hamburg)—Brook and tributaries beyond Management Area boundaries	FW2-NT	WILDCAT BROOK (Franklin)—Entire length	FW2-NT
SAWMILL POND BROOK		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 WILDLIFE MANAGEMENT AREA	CEDAR CREEK WATERSHED 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	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
LESTER G. MACNAMARA WILDLIFE MANAGEMENT AREA	BARNEGAT BAY WATERSHED All freshwater ponds in Island Beach State Park
TUCKAHOE PUBLIC FISHING AND HUNTING GROUNDS	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
WHARTON STATE FOREST	MULLICA RIVER WATERSHED See LESTER G. MACNAMARA WILDLIFE MANAGEMENT AREA
	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

**DELAWARE RIVER BASIN
 ALLAMUCHY STATE PARK**

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

PEQUEST RIVER WATERSHED

All tributaries that are located entirely within Allamuchy State Park and flow into Allamuchy Pond

BELLEPLAIN STATE FOREST

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

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

**COLLIERS MILLS
 WILDLIFE MANAGEMENT AREA**

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

**DELAWARE WATER GAP
 NATIONAL RECREATION AREA**

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

**DIX WILDLIFE
 MANAGEMENT AREA**

MIDDLE MARSH CREEK WATERSHED

All fresh waters which originate in and are located entirely within the boundaries of the Dix Wildlife Management Area

**EDWARD G. BEVAN
 WILDLIFE MANAGEMENT
 AREA**

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

NANTUXENT CREEK WATERSHED

Cedar and Mile Branches to Shaw's Mill Pond

DIVIDING CREEK WATERSHED

Those tributaries to Cedar Creek which originate in and are located entirely within the boundaries of the Edward G. Bevan Wildlife Management Area

Those portions of tributaries to Dividing Creek, located entirely within the boundaries of the Edward G. Bevan Wildlife Management Area

**FLATBROOK-ROY WILDLIFE
 MANAGEMENT AREA**

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

**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	See EDWARD G. BEVAN WILDLIFE MANAGEMENT AREA
PASADENA 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
PASSAIC RIVER, HACKENSACK RIVER, NY HARBOR COMPLEX BASIN	DUNNFIELD CREEK WATERSHED
A.S. HEWITT STATE FOREST	Dunnfield Creek to I-80
	WANAQUE RIVER WATERSHED
	Portions of Cooley Brook and tributaries which originate and are located entirely within the boundaries of Hewitt State Forest
	Surprise Lake
	Portions of Green Brook and tributaries which originate and are located entirely within the boundaries of Hewitt State Forest
	West Pond
BERKSHIRE VALLEY WILDLIFE MANAGEMENT AREA	ROCKAWAY RIVER WATERSHED
CITY OF NEWARK HOLDINGS AND WAWAYANDA STATE PARK	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

<p>RARITAN RIVER BASIN WALKKILL RIVER BASIN CITY OF NEWARK HOLDINGS AND WAWAYANDA STATE PARK</p>	<p>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>HAMBURG MOUNTAIN WILDLIFE MANAGEMENT AREA</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 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 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</p>
<p>HIGH POINT STATE PARK</p>	<p>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 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</p>
<p>SUSSEX BOROUGH WATER SUPPLY LAND WAWAYANDA STATE PARK</p>	<p>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).