

CHAPTER 9B**SURFACE WATER QUALITY STANDARDS****Authority**

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

Chapter Expiration Date

In accordance with N.J.S.A. 52:14B-5.1d, the expiration date of Chapter 9B, Surface Water Quality Standards, was extended by gubernatorial directive from March 19, 2008 to March 19, 2009. See: 40 N.J.R. 2109(b).

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).

The expiration Date of Chapter 9B, Surface Water Quality Standards, was extended by gubernatorial directive from April 17, 2003 to April 17, 2005. See: 35 N.J.R. 2264(a).

In accordance with N.J.S.A. 52:14B-5.1d, the expiration date of Chapter 9B, Surface Water Quality Standards, was extended by gubernatorial order from April 17, 2005 to August 17, 2005. See: 37 N.J.R. 1887(a).

In accordance with N.J.S.A. 52:14B-5.1c, the expiration date of Chapter 9B, Surface Water Quality Standards, was extended to February 13, 2006. See: 37 N.J.R. 3480(a).

Petition for Rulemaking: Division of Watershed Management: Surface Water Quality Standards. See: 38 N.J.R. 1586(a), 38 N.J.R. 2742(a), 38 N.J.R. 5415(a).

In accordance with N.J.S.A. 52:14B-5.1d, the expiration date of Chapter 9B, Surface Water Quality Standards, was extended by gubernatorial directive from February 13, 2006 to September 19, 2006. See: 38 N.J.R. 1317(b).

Petition for Rulemaking: Surface Water Quality Standards. See: 39 N.J.R. 566(b), 800(b), 2155(a), 2156(a).

In accordance with N.J.S.A. 52:14B-5.1d, the expiration date of Chapter 9B, Surface Water Quality Standards, was extended by gubernatorial directive from September 19, 2006 to March 19, 2008. See: 38 N.J.R. 4480(a).

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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.

“Best management practices” or “BMPs” means the methods, measures, or practices to prevent or reduce the amount of pollution from point or non-point sources, including structural and nonstructural controls, and operation and maintenance procedures.

“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.

“Carcinogen” means a toxic substance capable of inducing a cancer response, including Group A (human carcinogen), Group B (probable human carcinogen) or Group C (possible human carcinogen) categorized in accordance with the USEPA Guidelines for Carcinogen Risk Assessment, 51 Fed. Reg. 33992, 1986 incorporated herein by reference, as amended or supplemented.

“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 nontrout 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).

“DRBC” means Delaware River Basin Commission.

“EC50” means the median effective concentration of a toxic substance expressed as a statistical estimate of the concentration that has a specified adverse effect on 50 percent of the test organisms under specified test conditions, based on the results of an acute bioassay.

“Existing uses” means those uses actually attained in the waterbody on or after November 28, 1975, whether or not they are included in the Surface Water Quality Standards.

“Federal Act” means the “Federal Water Pollution Control Act” (33 U.S.C. § 1251 et seq.), commonly referred to as the Clean Water Act, including all subsequent supplements and amendments.

“Flow-through bioassay” means a toxicity test in which the test solutions flow into and out of the test chambers on a once-through basis for the duration of the test, in accordance with N.J.A.C. 7:18.

“Fresh water(s)” means all nontidal and tidal waters generally having a salinity, due to natural sources, of less than or equal to 3.5 parts per thousand at mean high tide.

“FW” means the general surface water classification applied to fresh waters.

“FW1” means those fresh waters, as designated in N.J.A.C. 7:9B-1.15(h) Table 6, that are to be maintained in their

natural state of quality (set aside for posterity) and not subjected to any man-made wastewater discharges or increases in runoff from anthropogenic activities. These waters are set aside for posterity because of their clarity, color, scenic setting, other characteristic of aesthetic value, unique ecological significance, exceptional recreational significance, exceptional water supply significance, or exceptional fisheries resource(s).

“FW2” means the general surface water classification applied to those fresh waters that are not designated as FW1 or Pinelands Waters.

“Groundwater” means that portion of water beneath the land surface that is within the zone of saturation (below the water table) where pore spaces are filled with water.

“Heat dissipation area” means a mixing zone, as may be designated by the Department, into which thermal effluents may be discharged for the purpose of mixing, dispersing, or dissipating such effluents without creating nuisances, hazardous conditions, or violating the provisions of this chapter, the Surface Water Quality Standards.

“Important species” means species that are commercially valuable (for example, within the top 10 species landed, by dollar value); recreationally valuable; threatened or endangered; critical to the organization and/or maintenance of the ecosystem; or other species necessary in the food web for the well-being of the species identified in this definition.

“Industrial water supply” means water used for processing or cooling.

“Intermittent stream” means a stream with a MA7CD10 flow of less than one-tenth (0.1) cubic foot per second.

“Lake, pond, or reservoir” means any impoundment, whether naturally occurring or created in whole or in part by the building of structures for the retention of surface water, excluding sedimentation control and stormwater retention/detention basins and ponds designed for treatment of wastewater. Lakes, ponds, and reservoirs are characterized by a long term or permanent downgradient restriction of surface water flow from the impoundment and areas of quiescent water within the body of the impoundment. Lakes, ponds, and reservoirs are frequently characterized by greater water depths within the impoundment than either the upgradient or downgradient surface water flow and by shallow water lateral edges containing emergent or submerged plant species. For regulatory purposes, the upgradient boundary of a lake, pond, impoundment, or reservoir shall be considered to be the point at which areas of greater depth and relatively quiescent water can be differentiated from the upgradient surface water input into the impoundment under average flow conditions.

“LC50” means the median lethal concentration of a toxic substance, expressed as a statistical estimate of the concentration that kills 50 percent of the test organisms under

specified test conditions, based on the results of an acute bioassay.

"Limiting nutrient" means a nutrient whose absence or scarcity exerts a restraining influence upon an aquatic biological population.

"Load allocation" means the portion of a receiving water's total maximum daily load (TMDL) for a specific pollutant that is allocated to existing or future nonpoint sources of pollution.

"MA1CD10" means the minimum average one day flow with a statistical recurrence interval of 10 years.

"MA7CD10" means the minimum average seven consecutive day flow with a statistical recurrence interval of 10 years.

"MA30CD10" means the minimum average 30 consecutive day flow with a statistical recurrence interval of 10 years.

"Measurable changes" means changes measured or determined by a biological, chemical, physical, or analytical method, conducted in accordance with USEPA approved methods as identified in 40 C.F.R. 136 or other analytical methods (for example, mathematical models, ecological indices) approved by the Department, that might adversely impact a water use (including, but not limited to, aesthetics).

"Natural flow" means the water flow that would exist in a waterway without the addition of flow of artificial origin.

"Natural water quality" means the water quality that would exist in a waterway or a waterbody without the addition of water or waterborne substances from artificial origin.

"NJPDES" means New Jersey Pollutant Discharge Elimination System.

"Non-carcinogen" means a toxic substance not categorized as a carcinogen, including Group D (not classifiable as to human carcinogenicity) or Group E (evidence of non-carcinogenicity for humans) categorized in accordance with the USEPA Guidelines for Carcinogen Risk Assessment, 51 Fed. Reg. 33992, 1986 incorporated herein by reference, as amended or supplemented.

"Nondegradation waters" means those waters set aside for posterity because of their clarity, color, scenic setting, other characteristic of aesthetic value, unique ecological significance, exceptional recreational significance, or exceptional water supply significance. These waters include all waters designated as FW1 in this subchapter.

"Nonpersistent" means degrading relatively quickly, generally having a half-life of less than 96 hours.

"Nonpoint source" or "NPS" means:

1. Any man-made or man-induced activity, factor, or condition, other than a point source, from which pollutants are or may be discharged;

2. Any man-made or man-induced activity, factor, or condition, other than a point source, that may temporarily or permanently change any chemical, physical, biological, or radiological characteristic of waters of the State from what was or is the natural, pristine condition of such waters, or that may increase the degree of such change; or

3. Any activity, factor, or condition, other than a point source, that contributes or may contribute to water pollution.

"Nontrot waters" means fresh waters that have not been designated in N.J.A.C. 7:9B-1.15(b) through (h) as trout production or trout maintenance. These waters are generally not suitable for trout because of their physical, chemical, or biological characteristics, but are suitable for a wide variety of other fish species.

"NPDES" means National Pollutant Discharge Elimination System.

"NT" means nontrot waters.

"Nutrient" means a chemical element or compound, such as nitrogen or phosphorus, which is essential to and promotes the growth and development of organisms.

"Outstanding National Resource Waters" or "ONRW" means high quality waters that constitute an outstanding national resource (for example, waters of National/State Parks and Wildlife Refuges and waters of exceptional recreational or ecological significance). Waters classified as FW1 waters and Pinelands waters are Outstanding National Resource Waters.

"Persistent" means relatively resistant to degradation, generally having a half life of over 96 hours.

"Pinelands waters" means all waters within the boundaries of the Pinelands Area, except those waters designated as FW1 in N.J.A.C. 7:9B-1.15(h) Table 6, as established in the Pinelands Protection Act (N.J.S.A. 13:18A-1 et seq.) and shown on Plate 1 of the "Comprehensive Management Plan" adopted by the New Jersey Pinelands Commission in November 1980.

"PL" means the general surface water classification applied to Pinelands Waters.

"Point source" or "PS" means any discernible, confined, and discrete conveyance, including, but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel, or other floating craft, from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture.

"Pollutant" means any dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, refuse, oil, grease, sewage sludge, munitions, chemical wastes, biological materials, medical wastes, radioactive substance (except those regulated under the Atomic Energy Act of 1954, as amended (42 U.S.C. §§ 2011 et. seq.)), thermal waste, wrecked or discarded equipment, rock, sand, cellar dirt and industrial, municipal, agricultural and construction waste or runoff or other residue discharged directly or indirectly to the land, ground waters or surface waters of the State, or to a domestic treatment works as defined at N.J.A.C. 7:14A-1.2. "Pollutant" includes both hazardous and nonhazardous pollutants.

"Potable surface water intake" means any structure or apparatus used to withdraw surface waters directly or indirectly that is conveyed to a potable treatment plant or is used for other potable purposes.

"Primary contact recreation" means water related recreational activities that involve significant ingestion risks and includes, but is not limited to, wading, swimming, diving, surfing, and water skiing.

"Public hearing" means a legislative type hearing before a representative or representatives of the Department providing the opportunity for public comment, but does not include cross-examination.

"Regulatory mixing zones" means areas of surface waters established pursuant to this chapter for the purpose of initial mixing, dispersion, or dissipation of wastewater effluent at or near the discharge point. Regulatory mixing zones may be established for applicable criteria.

"River mile" or "R.M." means the distance, measured in statute miles, between two locations on a stream, with the first location designated as mile zero. For example, mile zero for the Delaware River is located at the intersection of the center line of the navigation channel and a line between the Cape May Light, New Jersey, and the tip of Cape Henlopen, Delaware.

"Saline waters" means waters having salinities generally greater than 3.5 parts per thousand at mean high tide.

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

"SE" means the general surface water classification applied to saline waters of estuaries.

"Secondary contact recreation" means recreational activities where the probability of water ingestion is minimal and includes, but is not limited to, boating and fishing.

"Shellfish" means those mollusks commonly known as clams, oysters, or mussels.

"Shellfish waters" means waters classified as Approved, Seasonally Approved, Special Restricted, Seasonally Special Restricted or Condemned that support or possess the potential

to support shellfish which are within the Coastal Area Facility Review Act (C.A.F.R.A.) zone as delineated in 1973, (excluding: 1—The Cohansey River upstream of Brown's Run; 2—The Maurice River upstream of Route 548; 3—The Great Egg Harbor River upstream of Powell Creek; 4—The Tuckahoe River upstream of Route 50; 5—The Mullica River upstream of the Garden State Parkway) plus the adjacent areas between Route 35 (from its juncture with the C.A.F.R.A. zone just north of Red Bank to its juncture with the C.A.F.R.A. zone just south of Keyport) and the C.A.F.R.A. zone and the area from the C.A.F.R.A. zone on the south northwesterly along Route 35 to the northern shore of the Raritan River, then easterly along the northern shore of the Raritan River to the southeast point of Perth Amboy, then due east to the New Jersey jurisdictional limit, and seaward along the jurisdictional limit to the Atlantic Ocean.

"State Act" means the New Jersey "Water Pollution Control Act," N.J.S.A. 58:10A-1 et seq., as amended.

"Stream temperature" means the temperature of a stream outside of a designated heat dissipation area.

"Surface water classifications" means names assigned by the Department as set forth at N.J.A.C. 7:9B-1.15(b) through (h) to waters having the same designated uses and water quality criteria (for example, FW1, PL, FW2-NT, SE1, SC, Zone 1C).

"Surface Water Quality Standards" (SWQS) means the rules in this chapter, N.J.A.C. 7:9B, which set forth designated uses, use classifications, and water quality criteria for the State's waters based upon such uses, and the Department's policies concerning these uses, classifications and criteria.

"Surface waters" means water at or above the land's surface which is neither groundwater nor contained within the unsaturated zone, including, but not limited to, the ocean and its tributaries, all springs, streams, rivers, lakes, ponds, wetlands, and artificial waterbodies.

"Thermal alterations" means the increase or decrease in the temperature of surface waters, above or below the natural temperature, that may be caused by the activities of man.

"Thermocline" means the plane of maximum rate of change in temperature with respect to depth.

"Tidal waters" means fresh or saline water under tidal influence, up to the head of tide.

"TM" means trout maintenance.

"Total maximum daily load" or "TMDL" means a total maximum daily load formally established pursuant to Section 7 of the Water Quality Planning Act (N.J.S.A. 58:11A-7) and Section 303(d) of the Clean Water Act, 33 U.S.C. §§ 1251 et seq. A TMDL is the sum of individual wasteload allocations for point sources, load allocations for nonpoint sources of

pollution, other sources such as tributaries, or adjacent segments, and allocations to a reserve or margin of safety for an individual pollutant.

"Total recoverable metal" means the concentration of metal in an unfiltered sample following treatment with hot dilute mineral acid (as defined in "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1979, incorporated herein by reference).

"Toxic substance" or "toxic pollutant" means any pollutant identified pursuant to the Federal Act, or any pollutant or combination of pollutants, including disease causing agents, which after discharge and upon exposure, ingestion, inhalation or assimilation into any organism, either directly or indirectly by ingestion through food chains, may, on the basis of the information available to the Department, cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformation, in such organisms or their offspring. Toxic pollutants shall, include but not be limited, to those pollutants identified pursuant to Section 307 of the Federal Act or Section 4 of the State Act, or in the case of "sludge use or disposal practices," any pollutant identified pursuant to Section 405(d) of the Federal Act.

"TP" means trout production.

"Trout maintenance waters" means waters designated at N.J.A.C. 7:9B-1.15(b) through (g) for the support of trout throughout the year.

"Trout production waters" means waters designated at N.J.A.C. 7:9B-1.15(b) through (g) for use by trout for spawning or nursery purposes during their first summer.

"Unsaturated zone" means the subsurface volume between the land's surface and the top of the saturated zone (water table), where moisture does not fill all the pore spaces in the formation or soil.

"USEPA" means the United States Environmental Protection Agency.

"Wasteload allocation" or "WLA" means the portion of a receiving water's total maximum daily load for a specific pollutant that is allocated to one of its existing or future point sources of pollution. WLAs constitute a type of water quality-based effluent limitation.

"Water effect ratio" or "WER" means the ratio of an acute (or chronic) toxicity value derived from a site study to the acute (or chronic) toxicity value derived from a laboratory study for a particular toxic substance. The WER is multiplied by the aquatic life protection criterion for a given toxic substance to derive a site-specific aquatic life protection criterion.

"Water quality-based effluent limitations" means effluent limitations established so that the quality of the waters

receiving a discharge will meet the surface water quality criteria and policies of this chapter after the introduction of the effluent.

"Waters of the State" means the ocean and its estuaries, all springs, streams, wetlands, and bodies of surface or ground water, whether natural or artificial, within the boundaries of the State of New Jersey or subject to its jurisdiction.

"Wetlands" means those areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions, commonly known as hydrophytic vegetation. The Department shall evaluate the parameters of hydrology, soils, and vegetation to determine the presence and extent of wetlands.

"Zone" means the general surface water classification applied to the main stem Delaware River and Delaware Bay.

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.610, effective December 6, 1993.

See: 24 N.J.R. 3983(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).

Added "Dissolved metal" and amended "Nondegradation waters" to include color as a criterion for set asides.

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

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

Rewrote the section.

Administrative correction.

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

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

See: 32 N.J.R. 4397(a), 34 N.J.R. 537(a).

Rewrote the section.

Petition for Rulemaking.

See: 36 N.J.R. 3932(a), 4849(a).

Amended by R.2006 d.372, effective October 16, 2006.

See: 37 N.J.R. 3480(a), 4121(a), 4368(a), 38 N.J.R. 4449(a).

Added definitions "Best management practices", "Carcinogen", "Non-carcinogen" and "Water effect ratio"; substituted definition "Category One waters" for "Category one waters"; and deleted definitions "Epilimnion" and "Hypolimnion".

7:9B-1.5 Statements of policy

(a) General policies are as follows:

1. These Surface Water Quality Standards apply to all surface waters of the State.

2. Water is vital to life and comprises an invaluable natural resource which is not to be abused by any segment of the State's population or economy. It is the policy of the State to restore, maintain and enhance the chemical, physical and biological integrity of its waters, to protect the public health, to safeguard the aquatic biota, protect scenic and ecological values, and to enhance the domestic, municipal, recreational, industrial, agricultural and other reasonable uses of the State's waters.

3. The restoration, maintenance and preservation of the quality of the waters of the State for the protection and

- ii. The Delaware River drainage basin which contains the surface waters listed in Table 2 in (d) below;
 - iii. The Passaic River, Hackensack River and New York Harbor Complex drainage basin which contains the surface waters listed in Table 3 in (e) below;
 - iv. The Raritan River and Raritan Bay drainage basin which contains the surface waters listed in Table 4 in (f) below; and
 - v. The Wallkill River drainage basin which contains the surface waters listed in Table 5 in (g) below.
2. Within each basin the waters are listed alphabetically and segment descriptions begin at the headwaters and proceed downstream.
 3. To find a stream:
 - i. Determine which major drainage basin the stream is in;
 - ii. Look for the name of the stream in the appropriate table and find the classification;
 - iii. For unnamed or unlisted streams, find the stream or other waterbody that the stream of interest flows into and look for the classification of that stream or waterbody. The classification of the stream of interest may then be determined by referring to (b)5 below. If the second stream or waterbody is also unlisted, repeat the process until a listed stream or waterbody is found. Use (b)5iv below to classify streams entering unlisted lakes.
 4. To find a lake or other non-stream waterbody:
 - i. Determine which major drainage basin the waterbody is in;
 - ii. Look for the waterbody name in the appropriate table;
 - iii. If the waterbody is not listed, use (b)5ii, 5iii, 5vi, and 5vii below to determine the appropriate classification.
 5. To find unnamed waterways or waterbodies or named waterways or waterbodies which do not appear in the listing, use the following instructions:
 - i. Unnamed or unlisted freshwater streams that flow into streams classified as FW2-TP, FW2-TM, or FW2-NT take the classification of the classified stream they enter, unless the unlisted stream is a PL water which is covered in (b)5vii below. If the stream could be a C1 water, see (b)5vi below.
 - ii. All freshwater lakes, ponds and reservoirs that are five or more acres in surface area, that are not located entirely within the Pinelands Area boundaries (see (b)5vii below) and that are not specifically listed as

FW2-TP or FW2-TM are classified as FW2-NT. This includes lakes, ponds and reservoirs on segments of streams which are classified as FW2-TM or FW2-TP such as Saxton Lake on the Musconetcong River. If the waterbody could be a C1 water, also check (b)5vi below.

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

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

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

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

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

are classified as PL only if they are located entirely within the Pinelands Area.

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

- i. "FW1" means those fresh waters, as designated in Table 6 in (h) below, and as defined at N.J.A.C. 7:9B-1.4.
- ii. "FW2-TP" means FW2 trout production.
- iii. "FW2-TM" means FW2 trout maintenance.
- iv. "FW2-NT" means FW2 nontrout.
- v. "PL" means Pinelands Waters.
- vi. "SE1" means saline estuarine waters whose designated uses are listed in N.J.A.C. 7:9B-1.12(d).
- vii. "SE2" means saline estuarine waters whose designated uses are listed in N.J.A.C. 7:9B-1.12(e).
- viii. "SE3" means saline estuarine waters whose designated uses are listed in N.J.A.C. 7:9B-1.12(f).
- ix. "SC" means the general surface water classification applied to saline coastal waters.
- x. FW2-NT/SE1 (or a similar designation that combines two classifications) means a waterway in which there may be a salt water/fresh water interface. The exact point of demarcation between the fresh and saline waters must be determined by salinity measurements and is that point where the salinity reaches 3.5 parts per thousand at mean high tide. The stream is classified as FW2-NT in the fresh portions (salinity less than or equal to 3.5 parts per thousand at mean high tide) and SE1 in the saline portions.

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

- i. "(C1)" means Category One waters;
- ii. "(tp)" indicates trout production in waters which are classified as FW1. This is for information only and does not affect the water quality criteria for those waters;
- iii. "(tm)" indicates trout maintenance in waters which are classified as PL or FW1. For FW1 waters this is for information only and does not affect the water quality criteria for those waters.

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

TABLE 1

| <u>Waterbody</u> | <u>Classification</u> |
|--|-----------------------|
| ABRAMS CREEK (Marmora)—Entire length, except portion outside the boundaries of the MacNamara Wildlife Management Area | FW2-NT/SE1(C1) |

| <u>Waterbody</u> | <u>Classification</u> |
|--|-----------------------|
| (Griscom)—Portions of the Creek and tributaries outside of the MacNamara Wildlife Management Area | FW2-NT/SE1 |
| ABSECON BAY (Absecon)—All waters within Absecon Wildlife Management Area | 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 |
| (Absecon)—Entire length, except portions described above | FW2-NT/SE1 |
| ARNOLD POND (Barnegat) | FW2-NT/SE1(C1) |
| ATLANTIC OCEAN (Offshore)—Waters from the shoreline out to the three mile limit, except areas described below | SC |
| (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) |
| 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. | |
| 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. | |
| 3. Seven mile beach outfall exclusion | |
| 4. Wildwood outfall exclusion | |
| TRIBUTARIES, ATLANTIC OCEAN (New Jersey Coast)—All those streams or segments of streams that flow directly into the Atlantic Ocean or into back bays of the Ocean which are not included elsewhere in this list, | |

| <u>Waterbody</u> | <u>Classification</u> | <u>Waterbody</u> | <u>Classification</u> |
|--|-----------------------|---|-----------------------|
| of Marmora Wildlife Management Area | | (Brick)—Lanes Mills to confluence with | |
| LITTLE THOROFARE (Tuckerton)—Entire length | SE1(C1) | Metedeconk River, South Branch, including the westerly tributary | FW2-NT(C1) |
| LONG BROOK (Jackson)—Entire length | PL | MAIN STEM METEDECONK RIVER | |
| LONG POINT CREEK (Marmora)—Entire length | FW2-NT/SE1(C1) | (Brick)—Confluence of North and South branches to Forge Pond | FW2-NT(C1) |
| LONG SWAMP BROOK (Squankum)—Entire length | FW2-NT(C1) | (Brick)—Forge Pond to Barnegat Bay | FW2-NT/SE1 |
| LOWER LONG REACH (Stone Harbor)—Entire length | SE1(C1) | MIDDLE RIVER | |
| LUDLAM CREEK (Marmora)—Entire length | SE1(C1) | (Tuckahoe)—Entire length, except the segment described below | FW2-NT/SE1 |
| MAIN MARSH CREEK (Brigantine)—Entire length | SE1(C1) | (Middletown)—Segment within the boundaries of MacNamara Wildlife Management Area | FW2-NT/SE1(C1) |
| MANAHAWKIN CREEK | | MILE THOROFARE (Brigantine)—Entire length | SE1(C1) |
| (Manahawkin)—Source to the boundaries of Manahawkin Wildlife Management Area | FW2-NT/SE1 | MILL RUN (Allaire)—See BRISBANE LAKE | |
| (Manahawkin)—Within the boundaries of the Manahawkin Wildlife Management Area | | MINGAMAHONE BROOK | |
| MANASQUAN RESERVOIR (Oak Glen) | FW2-NT/SE1(C1) | MAINSTEM | |
| TRIBUTARIES | FW2-NT(C1) | (Farmingdale)—Entire length, except East Branch described separately below | FW2-TM(C1) |
| (Oak Glen)—All tributaries upstream of Manasquan Reservoir from source to the Reservoir | FW2-NT(C1) | EAST BRANCH | |
| MANASQUAN RIVER | | (Farmingdale)—Source to confluence with mainstem north of Farmingdale | FW2-NT(C1) |
| MAIN STEM | | MIRY RUN (MacNamara)—Entire length | FW2-NT/SE1(C1) |
| (Freehold)—Source to Rt. 9 bridge, except tributaries described separately under Tributaries, below | FW2-NT | MOTT CREEK (Brigantine)—Entire length | SE1(C1) |
| (Howell)—Rt. 9 bridge to the West Farms Road Bridge in Howell Township, except tributaries described separately under Tributaries, below | FW2-TM | MUD CREEK (MacNamara)—Entire length | SE1(C1) |
| (Howell)—West Farms Road Bridge in Howell Township to the downstream boundary of Manasquan River Wildlife Management Area, except tributaries described separately | FW2-TM(C1) | MUDDY FORD BROOK (Larrabee's Crossing)—Entire length | FW2-TM(C1) |
| (Brick)—Downstream boundary of Manasquan River Wildlife Management Area to surf waters | SE1 | MULBERRY THOROFARE (Northfield)—Entire length | SE1(C1) |
| TRIBUTARIES, MANASQUAN RIVER | | MULLICA RIVER | |
| (Adelphia)—Entire length | FW2-NT | (Berlin)—Source to Pinelands Protection and Preservation Area boundaries at the Garden State Parkway, except branches and tributaries described below | PL |
| (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) | (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 |
| (Mill Run)—Entire length of Mill Run, including Brisbane Lake and its tributaries, except easterly tributary to Mill Run described as FW1 below | FW2-NT(C1) | (Wharton)—Gun Branch from its headwaters to U.S. Rt. 206 | FW1 |
| (Allaire State Park)—The easterly tributary to Mill Run upstream of Brisbane Lake, located entirely within the Allaire State Park boundaries | FW1 | (New Gretna)—River and tributaries from the Pinelands Protection and Preservation Area boundary to Great Bay | SE1(C1) |
| (Freehold)—Tributaries within the boundaries of Turkey Swamp Wildlife Management Area | FW2-NT(C1) | (Wharton)—Brooks and tributaries between and immediately to the west of Tylertown and Crowletown, from their headwaters to the head of tide at mean high water | FW1 |
| MARMORA WILDLIFE MANAGEMENT AREA | | NARROWS CREEK (Middletown)—Entire length | SE1(C1) |
| (Strathmere)—All waters within the boundaries of Marmora Wildlife Management Area | FW2-NT/SE1(C1) | NORTH CHANNEL POND (Stone Harbor) | FW2-NT/SE1(C1) |
| MARSH BOG BROOK (Farmingdale)—Entire length | FW2-NT(C1) | OLDMAN CREEK (Stone Harbor)—Entire length | SE1(C1) |
| MASONS CREEK (Marmora)—Entire length | SE1(C1) | OTTER CREEK (Middletown)—Entire length | SE1(C1) |
| MCNEALS BRANCH—See TUCKAHOE RIVER | | OYSTER CREEK | |
| METEDECONK RIVER | | (Brookville)—Source to the boundaries of the Pinelands Protection and Preservation Area at the Garden State Parkway | PL |
| SOUTH BRANCH | | (Forked River)—Garden State Parkway to Barnegat Bay | FW2-NT/SE1 |
| (Lakewood)—Entire length, including all tributaries | FW2-NT(C1) | OYSTER CREEK (Great Bay)—Entire length | SE1(C1) |
| NORTH BRANCH METEDECONK RIVER | | REEVY BRANCH—See SHARK RIVER | |
| (Freehold)—Source to Aldrich Rd., including all tributaries | FW2-NT(C1) | RING ISLAND CREEK (Stone Harbor)—Entire length | SE1(C1) |
| (Lakewood)—Aldrich Rd. to Lanes Mills, except Haystack Brook listed separately | FW2-TM(C1) | RISLEY CHANNEL (Margate)—Entire length | SE1(C1) |
| | | ROUNABOUT CREEK (New Gretna)—Entire length | SE1(C1) |
| | | SALT CREEK (Stone Harbor)—Entire length | SE1(C1) |
| | | SCULL BAY (Linwood) | SE1(C1) |
| | | SEDGE CREEK (MacNamara)—Entire length | SE1(C1) |
| | | SHARK CREEK (Stone Harbor)—Entire length | SE1(C1) |
| | | SHARK RIVER (See also SHARK RIVER BROOK) | |
| | | (Glendola)—Remsen Mill Road to Atlantic Ocean | SE1 |
| | | SHARK RIVER BROOK (See also SHARK RIVER) | |

| <u>Waterbody</u> | <u>Classification</u> | <u>Waterbody</u> | <u>Classification</u> |
|---|-----------------------|---|-----------------------|
| (Colts Neck)—Source to Rt. 33 | FW2-NT(C1) | (Toms River)—All tributaries within the boundaries of the Pinelands Protection and Preservation Area | PL |
| (Neptune)—Rt. 33 to Remsen Mill Road, including all unnamed tributaries | FW2-TM(C1) | (Archer's Corners)—All tributaries outside the boundaries of the Pinelands Protection Area and within the boundaries of Colliers Mills Wildlife Management Area | FW2-NT(C1) |
| TRIBUTARIES | | DOVE'S MILL BRANCH | |
| REEVY BRANCH (Reevytown)—Source to confluence with Shark River Brook | FW2-NT(C1) | (Van Hiseville) Entire length, except the segment described separately below | FW2-NT |
| ROBINS SWAMP BROOK (Neptune)—Source to confluence with Shark River Brook | FW2-TM(C1) | (Holmansville)—Stream and tributaries within Butterfly Bogs Wildlife Management Area | FW2-NT(C1) |
| SARAH GREEN BROOK (Neptune)—Source to confluence with Shark River Brook | FW2-TM(C1) | MAPLE ROOT BRANCH | |
| SOUTH BROOK (Wall)—Source to confluence with Shark River Brook | FW2-TM(C1) | (Jackson)—Source to confluence with Toms River | PL |
| WEBLYS BROOK (Wall)—Source to confluence with Shark River Brook | FW2-NT(C1) | TUCKAHOE LAKE (Tuckahoe) | FW2-NT(C1) |
| SHELL THOROFARE (Wildwood Gables)—Entire length | SE1(C1) | TUCKAHOE RIVER | |
| SHELTER ISLAND BAY (Margate) | SE1(C1) | (Milmay)—Source to Pinelands Protection and Preservation Area boundary at Rt. 49 | PL |
| SHELTER ISLAND WATERS (Margate)—Entire length | SE1(C1) | (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 | FW2-NT/SE1(C1) |
| SKIT BRANCH—See BATSTO RIVER | | (Head of River)—Tributaries within the Pinelands Protection and Preservation Area boundaries | PL |
| SOD THOROFARE (Linwood)—Entire length | SE1(C1) | (Tuckahoe)—Edge of Fish and Wildlife Management Area at confluence with Warners Mill Stream to Great Egg Harbor, except segment described separately below | FW2-NT/SE1(C1) |
| SOUTHEAST CREEK (Stone Harbor)—Entire length | SE1(C1) | (Tuckahoe)—River, tributaries and all other waters within boundaries of the MacNamara Wildlife Management Area | FW2-NT/SE1(C1) |
| SQUANKUM BROOK | | TULPEHOCKEN CREEK | |
| (Squankum)—Entire length | FW2-NT(C1) | (Wharton)—Creek and tributaries from their origin to the confluence with Featherbed Branch | FW1 |
| STEELMAN BAY (Somers Point) | SE1(C1) | (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 |
| SWAN POND (Marmora) | FW2-NT/SE1(C1) | TURTLE GROUND CREEK (Jeffers Landing)—Entire length | SE1(C1) |
| SWAN POND RACE (Marmora)—Entire length | FW2-NT/SE1(C1) | TURTLE GUT (Ventnor)—Entire length | SE1(C1) |
| TAUGH CREEK | | WADING RIVER | |
| (Whitesboro)—Entire length, except segment described below | SE1(C1) | (Chatsworth)—Entire length, except tributaries described separately below | PL |
| (Whitesboro)—Portions outside the boundaries of Marmora Wildlife Management Area | SE1 | (Greenwood Forest)—Westerly tributary to Howardsville Cranberry Bog Reservoir and other tributaries located entirely within the boundaries of the Greenwood Forest Wildlife Management Area | FW1 |
| TIMBER SWAMP BROOK | | WARNERS MILL STREAM | |
| (Oak Glen)—Manasquan Reservoir dam to its confluence with the Manasquan River | FW2-NT(C1) | (Head of River)—Source to Pinelands Protection and Preservation Area boundary at Aetna Dr. | PL |
| TIMBER SWAMP BROOK (Oak Glen)—Manasquan Reservoir dam to its confluence with the Manasquan River | FW2-NT | (Head of River)—Aetna Dr. to boundary of the Peaselee Wildlife Management Area | FW2-NT/SE1 |
| TINKER BRANCH—See GREAT EGG HARBOR RIVER | | (Head of River)—Within the boundaries of the Peaselee Wildlife Management Area to the Tuckahoe River | FW2-NT/SE1(C1) |
| TITMOUSE BROOK (Howell)—Entire length | FW2-TM(C1) | WEBBS MILL BRANCH—See CEDAR CREEK | |
| TOMMYS BRANCH—See BASS RIVER | | WIGWAM CREEK | |
| TOMS RIVER | | (Great Bay)—Source to Rt. 9 | FW2-NT/SE1 |
| MAIN STEM | | (Great Bay)—Rt. 9 to Mott Creek | SE1(C1) |
| (Holmeson)—Source to Rt. 528 bridge, Cassville, except those tributaries described separately under Tributaries below | FW2-NT | WINTER CREEK (New Gretna)—Entire length | SE1(C1) |
| (Van Hiseville)—Rt. 528 bridge to Rt. 547 bridge in Whitesville, except tributaries described separately, under Tributaries below | PL(tm) | WHIRLPOOL CHANNEL (Margate)—Entire length | SE1(C1) |
| (Whitesville)—Rt. 547 bridge to Pinelands Protection and Preservation Area boundaries at the NJ Central Railroad tracks, except tributaries described separately, under Tributaries below | PL(tm) | WORLDS END CREEK (New Gretna)—Entire length | SE1(C1) |
| (Manchester)—NJ Central Railroad tracks to Rt. 571 bridge, except tributaries described separately, under Tributaries below | FW2-TM | WRANGLE BROOK | |
| (Toms River)—Rt. 571 bridge to Barnegat Bay, except tributaries described separately, under Tributaries below | FW2-NT/SE1 | | |
| TRIBUTARIES, TOMS RIVER | | | |
| (Holmeson)—Tributaries within the boundaries of the Pinelands Protection and Preservation Area | PL | | |
| (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 | FW2-TM | | |

| <u>Waterbody</u> | <u>Classification</u> | <u>Waterbody</u> | <u>Classification</u> |
|---|-----------------------|---|-----------------------|
| (Keswick Grove)—Entire length, except segment described below | FW2-NT/SE1 | BEAVER BROOK (Hope)—Entire length | FW2-NT |
| (Whiting)—Brook and tributaries within Whiting Wildlife Management Area | FW2-NT(C1) | BEAVER BROOK (Jefferson)—Source to, but not including, Lake Shawnee | FW2-NT |
| WRANGLE CREEK (Forked River)—Entire length and all waters within Forked River Game Farm | FW2-NT/SE1(C1) | BEAVERDAM BRANCH (Glassboro)—Source to boundary of the Glassboro Wildlife Management Area | FW2-NT |
| WRECK POND BROOK (Wall)—Entire length | FW2-NT | (Glassboro)—Within the boundaries of Glassboro Wildlife Management Area | FW2-NT(C1) |

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

TABLE 2

| <u>Waterbody</u> | <u>Classification</u> | <u>Waterbody</u> | <u>Classification</u> |
|---|-----------------------|--|-----------------------|
| ALEXAUKEN CREEK (Lambertville)—Entire length, including all tributaries | FW2-TM(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) |
| ALLAMUCHY CREEK (Allamuchy)—Entire length | FW2-NT(C1) | (Sandyston)—Confluence with Parker Brook, through the Blewitt Tract, to the confluence with Flat Brook, except tributaries described under the listing for Flat Brook, below | FW2-TP(C1) |
| ALLAMUCHY POND (Allamuchy) | FW2-NT(C1) | (Tuttles Corner)—Outlet stream from Lake Ashroe to its confluence with Big Flat Brook | FW2-TP(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 | BIG TIMBER CREEK (Westville)—Entire length | FW2-NT |
| ALLOWAY CREEK (Alloways)—Entire length | FW2-NT/SE1 | BLACKBIRD GUT (Newport)—Entire length | SE1(C1) |
| ALMS HOUSE BROOK (Hampton)—Source to, but not including, County Farm Pond | FW2-TM | BLACKS CREEK (Bordentown)—Entire length | FW2-NT |
| (Frankford)—County Farm Pond to Paulins Kill | FW2-NT | BLAIR CREEK (Hardwick)—Source to Bass Lake | FW2-NT |
| ANDOVER JUNCTION BROOK (Andover)—Entire length | FW2-TM | (Hardwick Center)—Bass Lake outlet to Paulins Kill | FW2-TM |
| ASHROE LAKE (Stokes State Forest) | FW2-NT(C1) | BOILER DITCH (Egg Island)—Entire length | FW2-NT/SE1(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 | FW2-TP(C1) | BOWERS BROOK (Hackettstown)—Source downstream to Rt. 517 | FW2-TP(C1) |
| (Stokes State Forest)—Southernmost tributary to the Lake from its source to the Stokes State Forest boundary | FW1(tp) | BRASS CASTLE CREEK (Brass Castle)—Entire length | FW2-TP(C1) |
| ASSISCUNK CREEK (Columbus)—Headwaters to confluence with Barkers Brook, including all tributaries | FW-NT(C1) | BROOKALOO SWAMP (Hope)—Entire length | FW2-TM |
| (Burlington)—Confluence with Barkers Brook to the Delaware River | FW2-NT | BUCKHORN CREEK (Hutchinson)—Entire length | FW2-TP(C1) |
| ASSUNPINK CREEK (Trenton)—Source to confluence with the Delaware River, except segments described separately below | FW2-NT | BUCKS DITCH (Mad Horse Creek)—Entire length | SE1(C1) |
| (Roosevelt)—Creek and those tributaries within the boundaries of the Assunpink Wildlife Management Area | FW2-NT(C1) | BUCKSHUTEM CREEK (Centre Grove)—Entire length, except segments described separately below | FW2-NT |
| (Quaker Bridge)—Portions of the creek within the boundaries of Van Ness Refuge | FW2-NT(C1) | (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) |
| BALDRIDGE CREEK (Salem Creek)—Entire length, except segments described below | FW2-NT/SE1(C1) | (Edward G. Bevan)—Joshua and Pine Branches to their confluence with Buckshutem Creek | FW1 |
| (Salem Creek)—Segments outside the boundaries of the Supawna National Wildlife Refuge | FW2-NT/SE1 | CAT GUT (Mad Horse Creek)—Entire length | SE1(C1) |
| BARKERS MILL BROOK (Independence)—Entire length | FW2-TP(C1) | CEDAR BRANCH (Manumuskin River)—Source to Manumuskin River | FW1 |
| BAY PONDS (Egg Island) | FW2-NT/SE1(C1) | CEDAR BRANCH (Edward G. Bevan)—Entire length | FW1 |
| BEADONS CREEK (Fortescue)—Entire length | SE1(C1) | CEDAR BRANCH (Edward G. Bevan)—See NANTUXENT CREEK | |
| BEAR BROOK (Johnsonburg)—Entire length | FW2-TP(C1) | CEDAR CREEK (Dividing Creek Station)—Entire length, except portions described separately below | FW2-NT |
| BEAR CREEK (Johnsonburg)—Mud Pond to the Erie-Lackawanna Railroad trestle north of Johnsonburg | FW1(tm) | (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 |
| (Frelinghuysen)—Erie-Lackawanna Railroad trestle to confluence with Pequest River | FW2-TM | CEDARVILLE POND (Cedarville) | FW2-NT(C1) |
| BEATTY'S BROOK (Penwell)—Entire length | FW2-TP(C1) | CHERRY TREE CREEK (Mad Horse Creek)—Entire length | SE1(C1) |
| | | CLARKS POND (Bridgeton) | FW2-NT(C1) |
| | | CLEARVIEW CREEK (Hampton)—Source to Alms House Brook | FW2-NT |
| | | CLINT MILLPOND (Beaver Swamp) | FW2-NT(C1) |
| | | CLOVE (MILL) BROOK | |

| <u>Waterbody</u> | <u>Classification</u> | <u>Waterbody</u> | <u>Classification</u> |
|---|-----------------------|---|-----------------------|
| (Montague)—Lake Marcia outlet to State line, except tributaries described below | FW2-TP(C1) | Creek, Pennsylvania at River Mile 108.4 (Philadelphia)—River mile 108.4 to below the mouth of Big Timber Creek, New Jersey, at River Mile 95.0 | Zone 3 |
| (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) | (Gloucester)—River Mile 95.0 to the Pennsylvania-Delaware state line at River Mile 78.8 | Zone 4 |
| (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) | (Marcus Hook)—Pennsylvania-Delaware state line at River Mile 78.8 to Liston Pt., Delaware at River Mile 48.2 | Zone 5 |
| COHANSEY RIVER (Bridgeton)—Entire length | FW2-NT/SE1 | (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) |
| COOPER BRANCH—See RANCOCAS CREEK | FW2-NT | TRIBUTARIES, DELAWARE RIVER | FW2-TP(C1) |
| COOPER RIVER (Camden)—Entire length | FW1 | (Holland)—Entire length | FW2-TP(C1) |
| COPPERMINE BROOK (Pahaquarry)—Entire length | FW2-NT/SE1(C1) | (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 |
| COURTENY PONDS (Egg Island) | FW2-TM(C1) | (Knowlton)—Source, north of Hope-Delaware Road, to confluence with the Delaware River 0.5 mile south of Ramseysburg | FW2-TP(C1) |
| CRANBERRY LAKE (Byram) | FW2-NT(C1) | (Titusville)—Unnamed tributaries through Washington Crossing State Park | FW2-NT(C1) |
| CRANBERRY LAKE OUTLET STREAM | FW2-NT | (Brooklawn)—Unnamed or unlisted direct tributaries, south of Big Timber Creek and north of Oldman's Creek, that are outside of the Pinelands Protection and Preservation Areas and are not mapped as C1 waters by the Department | FW2-NT/SE2 |
| (Byram)—Entire length within Cranberry Lake State Park | FW2-NT | (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 |
| (Byram)—Stream outside of Cranberry Lake State Park | FW1(tp) | (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 |
| CRISS BROOK (Stokes State Forest)—Entire length within the boundaries of Stokes State Forest | FW2-NT | DENNIS CREEK | |
| CROSSWICKS CREEK (Bordentown)—Entire length | FW2-NT/SE1(C1) | (South Dennis)—Entire length, except segments described below | FW2-NT/SE1 |
| CROW CREEK (S. Dennis)—Entire length | FW2-TM | (Woodbine)—All tributaries within the boundaries of the Pinelands Protection and Preservation Areas | PL |
| CULVER'S CREEK (Frankford)—Entire length | FW2-TM | (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) |
| CULVER'S LAKE (Frankford) | FW2-NT(C1) | DEVILS GUT | |
| DEER LAKE (Sandyston) | | (Mad Horse Creek)—Entire length, except tributaries described below | SE1(C1) |
| DEER PARK BRANCH—See RANCOCAS CREEK | | (Mad Horse Creek)—Tributaries outside the Mad Horse Creek Wildlife Management Area | SE1 |
| DEER PARK POND | | DIVIDING CREEK | |
| (Allamuchy)—Pond and tributaries to the pond within Allamuchy State Park, except those tributaries classified as FW1, below | FW2-NT(C1) | (Dividing Creek)—Entire length, except those segments described below | FW2-NT/SE1 |
| (Allamuchy)—All tributaries to the Pond and to its outlet stream that are located entirely within the boundaries of Allamuchy State Park | FW1 | (Edward G. Bevan)—Those segments of tributaries that are located entirely within the boundaries of the Edward G. Bevan Wildlife Management Area | FW1 |
| (Allamuchy)—Deer Park Pond outlet stream downstream to Musconetcong River | FW2-TM(C1) | DIVISION CREEK (Dix)—Entire length | SE1(C1) |
| DELAWANNA CREEK | | DOCTORS CREEK | |
| (Delaware)—Source downstream to, but not including, Delaware Lake | FW2-TM | (Red Creek)—Entire length, except segment described below | FW2-NT |
| (Delaware)—Delaware Lake dam downstream to Delaware River, including tributaries | FW2-TP(C1) | (Imlaystown)—Segment within Imlaystown Lake Wildlife Management Area | FW2-NT(C1) |
| DELAWARE AND RARITAN CANAL | | | |
| (Lambertville)—Entire length | FW2-NT | | |
| DELAWARE RIVER | | | |
| MAIN STEM (Interstate Waters— | | | |
| Classifications from Delaware River Basin Commission (DRBC)) | | | |
| (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 | | |
| (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 | | |
| (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 | | |
| (Trenton)—Head of tide at the Trenton-Morrisville Bridge, Trenton, River Mile 133.4 to below the mouth of Pennypack | Zone 2 | | |

| Waterbody | Classification | Waterbody | Classification |
|--|----------------|---|----------------|
| DONKEY'S CORNER BROOK (Delaware Water Gap)—Entire length | FW1 | Brook) to the confluence with Big Flat Brook; | |
| DRUMBO 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; | |
| (Dix)—Entire length except segment described below | FW2-NT/SE1 | 7. Deer Lake and its outlet stream to Lake Ashroe; | |
| (Dix)—Segment within the boundaries of Dix Wildlife Management Area | FW2-NT/SE1(C1) | 8. Lake Ashroe, portions of its tributaries outside the Stokes State Forest boundaries, and its outlet stream to the confluence with Big Flat Brook; | |
| DRY BROOK (Branchville)—Entire length | FW2-NT | 9. Lake Shawanni and its outlet stream to its confluence with Flat Brook; | |
| DUCK POND (Swartswood) | FW2-NT(C1) | 10. Crigger Brook and tributary to its confluence with Big Flat Brook | |
| DUNNFIELD CREEK | | (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 |
| (Del. Water Gap)—Source to Rt. I-80 | FW1(tp) | FORKED BROOK (Stokes State Forest)—Entire length | FW2-TP(C1) |
| (Del. Water Gap)—Rt. I-80 to Delaware River, except tributaries described below | FW2-TP(C1) | FURNACE (OXFORD) BROOK | |
| (Worthington)—All unnamed waters that are located entirely within the boundaries of the Worthington State Forest | FW1 | (Oxford)—Source to railroad bridge at Oxford | FW2-TP(C1) |
| EAST CREEK | | (Oxford)—Railroad bridge to Pequest River | FW2-NT |
| (Dennis)—Source to boundaries of the Pinelands Protection and Preservation Area except those portions described separately below | PL | FURNACE LAKE (Oxford) | FW2-TM |
| (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 | GARDNERS LAKE (Andover) | FW2-TM |
| (Belleplain)—All tributaries to Lake Nummi from their origins downstream to the Lake | FW1 | GOOSE POND (Mad Horse Creek) | SE1(C1) |
| (Eldora)—Boundary of the Pinelands Protection and Preservation Area to Delaware Bay except segment described separately below | FW2-NT/SE1 | GOSHEN CREEK | |
| (Dennis Creek)—Segment within the boundaries of the Dennis Creek Wildlife Management Area | FW2-NT/SE1(C1) | (Woodbine)—Entire length except segment described below | SE1 |
| ELDER GUT (Egg Island)—Entire length | FW2-NT/SE1(C1) | (Dennis Creek)—Segment and all tributaries within the Dennis Creek Wildlife Management Area | SE1(C1) |
| FIDDLERS CREEK (Titusville)—Entire length | FW2-TM | GRAVELLY RUN (Edward G. Bevan)—Downstream to the Edward G. Bevan Wildlife Management Area boundaries | FW1 |
| FISHING CREEK (Egg Island)—Entire length | FW2-NT/SE1(C1) | HAINESVILLE POND (Hainsville) | FW2-NT(C1) |
| FISHING CREEK | | HAKIHOKAKE CREEK (Milford)—Entire length including headwaters known as Little York Creek | FW2-TP(C1) |
| (Canton)—Source to Mad Horse Creek Wildlife Management Area and all tributaries outside of the boundaries of Mad Horse Creek Wildlife Management Area | SE1 | (Wydner)—Source to confluence with Hakihiokake Creek west of York Road | FW2-TP(C1) |
| (Mad Horse Creek)—Creek and tributaries within the boundaries of Mad Horse Creek Wildlife Management Area | SE1(C1) | HALFWAY HOUSE BROOK (Franklin)—Entire length | FW2-TP(C1) |
| FLAT BROOK | | HANCES BROOK (Rockport)—Entire length | FW2-TP(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) | HARIHOKAKE CREEK | |
| (Walpack)—Flatbrook-Roy Wildlife Management Area boundary to the Delaware River, except segments described below | FW2-TM(C1) | (Alexandria)—Source to Rt. 519 bridge, including all tributaries | FW2-NT(C1) |
| (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) | (Frenchtown)—Rt. 519 bridge to Delaware River, including all tributaries | FW2-TM(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 | HARRISONVILLE LAKE (Harrisonville) | FW2-NT(C1) |
| 1. Saw Mill Pond and Big Flat Brook downstream to the confluence with Flat Brook; | | HATCHERY BROOK (Hackettstown)—Entire length | FW2-TM |
| 2. Mashipacong Pond and its outlet stream (Parker Brook) to the confluence with Big Flat Brook; | | HIGBEE BEACH (Higbee Beach Wildlife Management Area)—All waters within the boundaries of Higbee Beach Wildlife Management Area | FW2-NT/SE1(C1) |
| 3. Lake Wapalanne and its outlet stream to the confluence with Big Flat Brook; | | HIGHS BEACH (Higgs Beach)—All waters within the Wildlife Management Area south of Higgs Beach | FW2-NT/SE1(C1) |
| 4. Lake Ocquittunk and waters connecting it with Big Flat Brook; | | HONEY RUN (Hope)—Entire length | FW2-TM |
| 5. Stony Lake and its outlet stream (Stony | | HOPATCONG, LAKE (Hopatcong) | FW2-TM |
| | | ILLIF, LAKE (Andover) | FW2-TM |
| | | IMLAYSTOWN LAKE (Imlaystown) | FW2-NT(C1) |
| | | 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) |

| <u>Waterbody</u> | <u>Classification</u> | <u>Waterbody</u> | <u>Classification</u> |
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| JACKSONBURG CREEK (Blairstown)—Entire length | FW2-TM | railroad track downstream to the confluence with the Delaware River | |
| JACOBS CREEK (Hopewell)—Entire length | FW2-NT | LOWER BROTHERS CREEK (Egg Island)—Entire length | SE1(C1) |
| JADE RUN (Brendan T. Byrne State Forest)—Entire length | FW1 | LOWER DEEP CREEK (Mad Horse Creek)—Entire length | SE1(C1) |
| JOSHUA BRANCH—See BUCKSHUTEM CREEK | | LUBBERS RUN (Byram)—Entire length | FW2-TM |
| KING POND (Egg Island) | SE1(C1) | 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 | FW2-NT/SE1 |
| KITTATINNY LAKE (Sandyston) | FW2-NT(C1) | (Mad Horse Creek)—Creek and all waters within the Mad Horse Creek Wildlife Management Area | FW2-NT/SE1(C1) |
| KITTATINNY LAKE TRIBUTARY (Stokes State Forest)—Source to boundary of Stokes State Forest | FW1(tp) | MALAPATIS CREEK (Mad Horse Creek)—Entire length, except segment described below | SE1(C1) |
| (Sandyston)—State Forest boundary to Kittatinny Lake | FW2-TP(C1) | (Mad Horse Creek)—Portions of the Creek beyond the boundaries of the Mad Horse Creek Wildlife Management Area | SE1 |
| KNOWLTON BROOK (Knowlton)—Entire length | FW2-TP(C1) | MANANTICO CREEK (Millville)—Entire length, except segment described below | FW2-NT |
| KURTENBACH'S BROOK (Waterloo)—Entire length | FW2-TP(C1) | (Manantico)—Segment within the boundaries of the Manantico Ponds Wildlife Management Area | FW2-NT(C1) |
| KYMER BROOK (Andover)—Entire length | FW2-NT | MANTUA CREEK (Woodbury)—Entire length | FW2-NT/SE2 |
| LAHAWAY CREEK (Propserstown)—Entire length, except tributaries described separately below | FW2-NT | MARCIA LAKE (High Point State Park)—Entire length | FW2-TM(C1) |
| (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 | FW1 | (High Point State Park)—Outlet stream from the Lake to the confluence with Clove (Mill) Brook | FW2-TP(C1) |
| LAKE—See listing under Name | | MASHIPACONG POND (Montague) | FW2-NT(C1) |
| LITTLE EASE RUN (Glassboro)—Entire length, except portion described separately below | FW2-NT | MASON CREEK (Springville)—Entire length, except segment described below | FW2-NT |
| (Glassboro)—Run and tributaries within the Glassboro Wildlife Management Area, except tributary described separately below | FW2-NT(C1) | (Medford)—Segment within Medford Wildlife Management Area | FW2-NT(C1) |
| (Glassboro)—The portion of a branch of Little Ease Run situated immediately north of Stanger Avenue, and entirely within the Glassboro Wildlife Management Area | FW1 | MASONS RUN (Pine Hill)—Source to Little Mill Rd. | FW2-TP(C1) |
| (Glassboro)—The first and second easterly tributaries to Little Ease Run north of Academy Road | FW1 | (Lindenwold)—Little Mill Rd. to confluence with Big Timber Creek | FW2-NT |
| LITTLE FLAT BROOK (High Point State Park)—Source to boundary of High Point State Park | FW1(tp) | MAURICE RIVER | |
| (Layton)—State park boundary to, but not including, tributary described below, to confluence with Big Flat Brook | FW2-TP(C1) | MAIN STEM (Willow's Grove)—Source to the boundary of the section of Union Lake Wildlife Management Area north of Vineland | FW2-NT |
| (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) | (Vineland)—Boundary of the Union Lake Wildlife Management Area to confluence with Blackwater Branch | FW2-NT(C1) |
| LITTLE NISHISAKAWICK CREEK (Frenchtown)—Entire length | FW2-NT(C1) | (Vineland)—Confluence with Blackwater Branch to Delaware Bay, except tributaries described under Tributaries below | FW2-NT/SE1 |
| LITTLE SHABACUNK CREEK (Lawrence)—Entire length | FW2-NT | TRIBUTARIES, MAURICE RIVER (Willow's Grove)—Those portions of tributaries that are within the boundaries of the Pinelands Protection and Preservation Area | PL |
| LITTLE SWARTSWOOD LAKE (Swartswood) | FW2-NT(C1) | (Vineland)—All tributaries within the boundaries of the Union Lake Wildlife Management Area and within the Wildlife Management Area that borders Delaware Bay | FW2-NT/SE1(C1) |
| LITTLE YORK CREEK (Little York)—Entire length | FW2-TP(C1) | MCCORMICK POND (Egg Island) | FW2-NT/SE1(C1) |
| LOCKATONG CREEK (Kingwood)—Source to Idell Bridge | FW2-NT(C1) | MACDONALD BRANCH—See RANCOCAS CREEK | |
| (Raven Rock)—Idell Bridge to Delaware River | FW2-TM(C1) | MERRILL CREEK (Harmony)—Entire length, but not including Merrill Creek Reservoir | FW2-TP(C1) |
| LOGAN POND (Repaupo) | FW2-NT(C1) | MERRILL CREEK RESERVOIR (Harmony) | FW2-TM |
| LOMMASONS GLEN BROOK (Lommasons Glen)—Entire length | FW2-TP(C1) | MIDDLE BROTHERS CREEK (Egg Island)—Entire length | SE1(C1) |
| LONG POND (Mad Horse Creek) | SE1(C1) | MIDDLE MARSH CREEK | |
| LONE TREE CREEK (Egg Island)—Entire length | SE1(C1) | | |
| LOPATCONG CREEK (Phillipsburg)—Source to a point 560 feet (straight line distance) upstream of the Penn Central railroad track, including all tributaries | FW2-TP(C1) | | |
| (Phillipsburg)—From a point 560 feet (straight line distance) upstream of the Penn Central | FW2-TM | | |

| Waterbody | Classification | Waterbody | Classification |
|--|----------------|---|----------------|
| (Dix)—All fresh waters which originate in and are located entirely within the boundaries of the Dix Wildlife Management Area | FW1 | (Anderson)—Entire length | FW2-TP(C1) |
| MILE BRANCH—Entire length | FW1 | (Changewater)—Entire length | FW2-TP(C1) |
| MILL BROOK (Montague)—See CLOVE BROOK | | (Deer Park Pond)—See DEER PARK POND | |
| MILL BROOK (Broadway)—Entire length | FW2-TP(C1) | (Franklin)—Entire length | FW2-TP(C1) |
| MILL CREEK | | (N. of Hackettstown)—Entire length | FW2-TM |
| (Carmel)—Entire length, except segment described below | FW2-NT | (Lebanon)—Entire length | FW2-TP(C1) |
| (Union Lake)—Creek and tributaries within the boundaries of the Union Lake Wildlife Management Area | FW2-NT(C1) | (Port Murray)—Entire length | FW2-TP(C1) |
| MINE BROOK | | (S. of Point Mtn.) | FW2-TP(C1) |
| (Mt. Olive)—Source to, but not including, Upper Mine Brook Reservoir, downstream to Lower Mine Brook Reservoir outlet | FW2-TM | (S. of Schooley's Mtn. Brook)—Entire length | FW2-TP(C1) |
| (Mt. Olive)—Lower Mine Brook Reservoir outlet downstream to Drakestown Road bridge | FW2-TP(C1) | (Waterloo)—Tributary west of Kurtenbach's Brook from source downstream to Waterloo Valley Road bridge | FW2-TP(C1) |
| (Hackettstown)—Drakestown Road bridge downstream to confluence with Musconetcong River | FW2-TM | MUSKEE CREEK | |
| TRIBUTARIES | | (Port Elizabeth)—Source to boundary of Pinelands Protection and Preservation Area, except segments described separately below | PL |
| (Drakestown)—Source downstream to, but not including, Burd Reservoir | FW2-TP(C1) | (Peaselee)—The Middle Branch from its origin to the boundaries of the Peaselee Wildlife Management Area | FW1 |
| (Drakestown)—Burd Reservoir downstream to confluence with Mine Brook | FW2-TM | (Peaselee)—Those portions of the tributaries to Slab Branch which are located entirely within the boundaries of the Peaselee Wildlife Management Area | FW1 |
| (Washington)—Entire length of tributary which joins Mine Brook approximately 280 yards upstream of the confluence with the Musconetcong River | FW2-TP(C1) | (Bricksboro)—Pinelands Protection and Preservation Area boundaries to Maurice River | FW2-NT |
| MIRY RUN (Mercerville)—Entire length | FW2-NT | NANCY GUT | |
| MOORE CREEK (Hopewell)—Entire length | FW2-TM | (Nantuxent)—Source to the boundary of Nantuxent Creek Wildlife Management Area | SE1(C1) |
| MOUNT MISERY BROOK | | (Newport)—Stream and all tributaries outside of the boundaries of the Nantuxent Creek Wildlife Management Area | SE1 |
| (Woodmansie)—Entire length, except segments described below | PL | NANTUXENT CREEK | |
| SOUTH BRANCH, MOUNT MISERY BROOK | | (Newport Landing)—Entire length, except segment described below | FW2-NT/SE1 |
| (Brendan T. Byrne State Forest)—All tributaries to the South Branch that are located entirely within the boundaries of Brendan T. Byrne State Forest | FW1 | (Nantuxent)—All waters within the boundaries of Nantuxent Creek Wildlife Management Area | FW2-NT/SE1(C1) |
| (Pasadena)—The two easterly branches of the Branch which are located entirely within the boundaries of the Pasadena Wildlife Management Area | FW1 | NEW WAWAYANDA LAKE (Andover) | FW2-TM |
| MOUNTAIN LAKE (Liberty) | FW2-TM | NISHISAKAWICK CREEK (Frenchtown)—Entire length | FW2-NT(C1) |
| MOUNTAIN LAKE CREEK | | OLDMANS CREEK | |
| (Liberty)—Source to Mountain Lake | FW2-TM | (Lincoln)—Entire length, except portion described below | FW2-NT/SE1 |
| (White)—Mountain Lake dam to Pequest River | FW2-NT | (Harrisonville)—Portion within Harrisonville Lake Wildlife Management Area | FW2-NT(C1) |
| MUDDY BROOK (Hope)—Entire length | FW2-NT | OCQUITTUNK LAKE | |
| MUDDY CREEK | FW1 | (Stokes State Forest)—Entire lake | FW2-NT(C1) |
| (Mad Horse Creek)—Entire length, except segments described below | SE1(C1) | (Stokes State Forest)—From the outlet of the Lake to the confluence with Big Flat Brook | FW2-TP(C1) |
| (Mad Horse Creek)—Segments outside of the boundaries of the Mad Horse Creek Wildlife Management Area | SE1 | OCQUITTUNK LAKE TRIBUTARY (Stokes State Forest)—Source to Ocquittunk Lake | FW1(tp) |
| MUDDY RUN | | ORANDAKEN CREEK | |
| (Elmer)—Entire length, except segments described below | FW2-NT | (Fortescue)—Source to boundary of Egg Island Berrytown Wildlife Management Area | FW2-NT/SE1 |
| (Elmer)—Portion of the Run within Greenwood Pond Wildlife Management Area | FW2-NT(C1) | (Egg Island)—Creek and tributaries within the boundaries of the Egg Island Berrytown Wildlife Management Area | FW2-NT/SE1(C1) |
| (Centerton)—Portion of the Run within Parvin State Park | FW2-NT(C1) | PARGEY CREEK | |
| (Pittsgrove)—Portion of the Run within Union Lake Wildlife Management Area | FW2-NT(C1) | (Gibbstown)—Entire length, except segment described below | FW2-NT/SE2 |
| MUD POND (Johnsonburg) | FW1 | (Logans Pond)—Segment within the boundaries of Logans Pond Wildlife Management Area | FW2-NT/SE2(C1) |
| MUSCONETCONG RIVER | | PARKER BROOK (Montague)—Entire length | FW2-TP(C1) |
| (Hackettstown)—Lake Hopatcong dam to Delaware River, except tributaries described below | FW2-TM | PARVIN LAKE (Parvin State Park) | FW2-NT(C1) |
| TRIBUTARIES | | PATTYS FORK—See MAD HORSE CREEK | |
| | | PAULINA CREEK (Paulina)—Entire length | FW2-TM |
| | | PAULINS KILL | |
| | | EAST BRANCH | |
| | | (Andover)—Source to Limecrest quarry | FW2-NT(C1) |
| | | (Lafayette)—Limecrest quarry to confluence with Paulins Kill, West Branch, except tributary described below | FW2-TP(C1) |

| <u>Waterbody</u> | <u>Classification</u> | <u>Waterbody</u> | <u>Classification</u> |
|--|-----------------------|---|-----------------------|
| TRIBUTARY EAST BRANCH (Sussex Mills)—Entire length of tributary to the East Branch at Sussex Mills | FW2-NT(C1) | (Willow Grove)—Entire length POND BROOK (Middleville)—Swartwood Lake outlet to Trout Brook | FW2-TP(C1) FW2-NT |
| WEST BRANCH (Newton)—Entire length | FW2-NT | POPHANDUSING BROOK (Hazen)—Source downstream to Route 519 bridge | FW2-TP(C1) |
| MAIN STEM (Blairstown)—Confluence of East and West branches to Rt. 15 bridge (bench mark 507) | FW2-TM | (Belvidere)—Route 519 bridge downstream to confluence with the Delaware River | FW2-TM |
| (Hampton)—Rt. 15 bridge (bench mark 507) to Balesville dam | FW2-NT(C1) | RACCOON CREEK (Logan)—Entire length | FW2-NT/SE2 |
| (Hampton)—Balesville dam to Paulins Kill Lake dam | FW2-NT | RANCOCAS CREEK NORTH BRANCH (North Hanover)—Source to boundary of the Pinelands Protection and Preservation Area at Pemberton | PL |
| (Paulins Kill Lake)—Paulins Kill Lake dam to Delaware River, except tributaries described separately below | FW2-TM | (Pemberton)—Boundary of the Pinelands Protection and Preservation Area to the Delaware River, except tributaries described below | FW2-NT |
| TRIBUTARIES, MAIN STEM (Blairstown)—Entire length of tributary east of Walnut Valley | FW2-TM | (Pemberton)—Tributaries within the boundaries of the Pinelands Protection and Preservation Areas | PL |
| (E. of Hainesburg Station)—Entire length | FW2-TM | SOUTH BRANCH RANCOCAS CREEK (Southampton)—Source to Pinelands Protection and Preservation Area boundaries at Rt. 206 bridge south of Vincentown | PL |
| (E. of Vail)—Source downstream to confluence with outlet stream of Lake Susquehanna | FW2-TM | (Vincentown)—Vincentown to Delaware River, except tributaries described separately below | FW2-NT |
| (Emmons Station)—Entire length | FW2-TP(C1) | (Vincentown)—All tributaries within the Pinelands Protection and Preservation Area | PL |
| (Stillwater)—Entire length | FW2-TM | COOPER BRANCH RANCOCAS CREEK (Woodmansie)—Entire length, except portions described separately, below | PL |
| (Stillwater Station)—Entire length | FW2-TP(C1) | (Brendan T. Byrne State Forest)—Branch and tributaries downstream to Pakim Pond, and tributaries to Cooper Branch located entirely within the Brendan T. Byrne State Forest boundaries | FW1 |
| PENNSAUKEN CREEK (Cinnaminson)—Entire length | FW2-NT | DEER PARK BRANCH RANCOCAS CREEK (Buckingham)—Stream and tributaries near Buckingham to confluence with Pole Bridge Branch | FW1 |
| PEQUEST RIVER (Tranquility)—Source to Tranquility bridge except segments described below | FW2-TM | MACDONALDS BRANCH RANCOCAS CREEK (Woodmansie)—Entire length, except as described separately below | PL |
| (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) | (Brendan T. Byrne State Forest)—Branch and tributaries located entirely within Brendan T. Byrne State Forest | FW1 |
| (Whittingham)—Stream and tributaries within the Whittingham Wildlife Management Area, except those classified as FW1, above | FW2-TM(C1) | SHINNS BRANCH RANCOCAS CREEK (Brendan T. Byrne State Forest)—Branch and tributaries located entirely within the boundaries of Brendan T. Byrne State Forest, from their sources to the forest boundary | FW1 |
| (Vienna)—Tranquility bridge to Lehigh and Hudson River railway bridge | FW2-NT | (Lebanon Lake Estates)—Forest boundary to lake | PL |
| (Townsburg)—Lehigh and Hudson River railway bridge to the upstream most boundary of the Pequest Wildlife Management Area | FW2-NT(C1) | ROARING DITCH (Heislerville)—Entire length, except segment described below | SE1 |
| (Townsburg)—Upstream most boundary of the Pequest Wildlife Management Area boundary to the downstream most boundary of the Pequest Wildlife Management Area | FW2-TM(C1) | (Eldora)—Ditch and all tributaries within the Dennis Creek Wildlife Management Area boundaries | SE1(C1) |
| (Townsburg)—Downstream most Pequest Wildlife Management Area boundary to Delaware River | FW2-TM | ROWANDS POND (Clementon)—Pond, inlet stream and outlet stream within Rowands Pond Wildlife Management Area | FW2-NT(C1) |
| TRIBUTARIES (Janes Chapel)—Headwater and tributaries downstream to the upstream boundary of Pequest Wildlife Management Area | FW2-TM | RUNDLE BROOK (Del. Water Gap)—Source to Sussex County Route 615 | FW1 |
| (Townsburg)—Tributaries within the Pequest Wildlife Management Area | FW2-TM(C1) | SALEM RIVER (Salem)—Entire length | FW2-NT/SE1 |
| (Petersburg)—Headwaters and tributaries downstream to Ryan Road bridge | FW2-TP(C1) | SAMBO ISLAND BROOK (Del. Water Gap)—Entire length | FW1 |
| PIERSONS DITCH (Egg Island)—Entire length | FW2-NT/SE1(C1) | SAMBO ISLAND POND (Del. Water Gap) | FW1 |
| PINE BRANCH—See BUCKSHUTEM CREEK | | SANDYSTON CREEK (Sandyston)—Entire length | FW2-TP(C1) |
| PLUM BROOK (Sergeantsville)—Entire length | FW2-TM(C1) | SAVAGES RUN | |
| POHATCONG CREEK MAIN STEM (Mansfield)—Source to Karrsville bridge, including all tributaries | FW2-TP(C1) | | |
| (Pohatcong)—Karrsville bridge to Rt. 519 bridge, except tributaries listed separately | FW2-TM(C1) | | |
| (Springtown)—Rt. 519 bridge to Delaware River, including all tributaries | FW2-TP(C1) | | |
| TRIBUTARIES (Greenwich)—Entire length | FW2-TP(C1) | | |
| (New Village)—Entire length | FW2-TP(C1) | | |

| <u>Waterbody</u> | <u>Classification</u> | <u>Waterbody</u> | <u>Classification</u> |
|--|-----------------------|--|-----------------------|
| (Belleplain State Forest)—Entire length, except portions described separately, below | PL | STONEY LAKE (Stokes State Forest) | FW2-TM(C1) |
| (Belleplain State Forest)—Those two tributaries and portions thereof downstream of Lake Nummi and all tributaries to Lake Nummi that are located entirely within the boundaries of Belleplain State Forest | FW1 | TRIBUTARIES—See STONY BROOK | |
| SAWMILL POND (High Point) | FW2-NT(C1) | STOW CREEK | |
| SCHOOLEYS MTN. BROOK (Schooley's Mtn.)—Entire length | FW2-TP(C1) | (Stow Creek Landing)—Entire length, except tributaries described separately below | FW2-NT/SE1 |
| SHABAKUNK CREEK (Ewing)—Entire length | FW2-NT | (Mad Horse Creek)—Tributaries within the boundaries of the Mad Horse Creek Wildlife Management Area | FW2-NT/SE1(C1) |
| SHABBECONG CREEK (Washington)—Entire length | FW2-TM(C1) | STRAIGHT CREEK (Berrytown)—Entire length | SE1(C1) |
| SHAWANNI CREEK | | SUNFISH POND (Worthington)—The pond and its outlet stream to the Delaware River | FW1 |
| (Stokes State Forest)—Headwaters and tributaries downstream to, but not including, Shawanni Lake | FW1(tp) | SWAN CREEK (Lambertville)—Entire length | FW2-NT |
| (Stokes State Forest)—Outlet of Shawanni Lake downstream to confluence with Flat Brook | FW2-TP(C1) | SWARTSWOOD CREEK (Swartswood)—Entire length | FW2-TM |
| SHAWANNI LAKE (Stokes State Forest) | FW2-NT(C1) | SWARTSWOOD LAKE (Stillwater) | FW2-TM(C1) |
| SHAWS MILL POND (Cedarville) | FW2-NT/SE1(C1) | TAR HILL BROOK | |
| TRIBUTARIES | | (Lake Lenape)—Source to, but not including, Lake Lenape | FW2-TM |
| (Edward G. Bevan)—Cedar and Mile Branches to Shaw's Mill Pond | FW1 | (Lake Lenape)—Lake Lenape to Andover Junction Brook | FW2-NT |
| SHIMERS BROOK | | THREE MOUTHS (Egg Island) | FW2-NT/SE1(C1) |
| (Millville)—Entire length, except those segments and tributaries designated FW1, below | FW2-TP(C1) | THUNDERGUST BROOK | |
| (High Point)—That segment of Shimers Brook and all tributaries within the boundaries of High Point State Park | FW1(tp) | (Deerfield)—Entire length, except segment described below | FW2-NT |
| SHINNS BRANCH—See RANOCAS CREEK | | (Deerfield)—That segment within the boundaries of Parvin State Park | FW2-NT(C1) |
| SHIPETAUKIN CREEK (Lawrenceville)—Entire length | FW2-NT | THUNDERGUST LAKE (Parvin State Park) | FW2-NT(C1) |
| SHORE DITCH (Mad Horse Creek)—Entire length | SE1(C1) | TILLMAN BROOK (Walpack)—Entire length | FW1(tp) |
| SILVER LAKE (Hope) | FW2-TM | TROUT BROOK (Hackettstown)—Entire length | FW2-TM(C1) |
| SILVER LAKE FORK—See MAD HORSE CREEK | | TROUT BROOK (Tranquility)—Entire length | FW2-TP(C1) |
| SLAB BRANCH—See MUSKEE CREEK | | TROUT BROOK (Hope)—Entire length | FW2-TM |
| SLUICE CREEK | | TROUT BROOK (Allamuchy)—Entire length | FW2-NT |
| (South Dennis)—Entire length, except segment described below | FW2-NT/SE1 | TROUT BROOK | |
| (Dennis Creek)—Segments of tributaries that are within the Dennis Creek and the Beaver Swamp Wildlife Management Areas | FW2-NT/SE1(C1) | (Middleville)—Source to confluence with Pond Brook | FW2-TP(C1) |
| SMITH FERRY BROOK (Del. Water Gap)—Entire length | FW1 | (Middleville)—Confluence with Pond Brook to Paulins Kill | FW2-NT |
| SPARTA JUNCTION BROOK (Sparta Junction)—Entire length | FW2-TM(C1) | TUNNEL BROOK (Oxford Mtn.)—Entire length, including all tributaries | FW2-TP(C1) |
| SPRING MILLS BROOK (Milford)—Entire length | FW2-TP(C1) | TURKEY HILL BROOK (Bethlehem)—Entire length | FW2-TP(C1) |
| STEELE RUN | | TURNERS FORK—See MAD HORSE CREEK | |
| (Washington Crossing State Park)—Source to confluence with westerly tributary | FW1 | TUTTLES CORNER BROOK (Tuttles Corner)—Entire length | FW2-TP(C1) |
| (Titusville)—Confluence with westerly tributary to the Delaware River | FW2-NT | UPPER BROTHERS CREEK (Egg Island)—Entire length | SE1(C1) |
| STEENY KILL LAKE (High Point) | FW1 | UPPER DEEP CREEK (Mad Horse Creek)—Entire length | SE1(C1) |
| STEEP RUN (Mauricetown)—Entire length | FW2-NT(C1) | VANCAMPENS BROOK (Millbrook)—Entire length | FW2-TP(C1) |
| STEPHENSBURG BROOK (Stephensburg)—Entire length | FW2-TP(C1) | WAPALANNE LAKE (Stokes State Forest) | FW2-NT(C1) |
| STONY BROOK (Knowlton)—Entire length | FW2-TP(C1) | WARFORD CREEK (Barbertown)—Entire length | FW2-TP(C1) |
| STONY BROOK | | WELDON BROOK (Jefferson Township), from source to, but not including, Lake Shawnee | FW2-TM |
| (Stokes State Forest)—Source and tributaries, wholly contained within Stokes State Forest, from their origins to, but not including, Stony Lake | FW1(tp) | WEST CREEK | |
| (Stokes State Forest)—Tributary originating approximately one mile west of the Branchville Reservoir to the confluence with Stony Brook | FW1(tp) | (Halberton)—Source to the boundary of the Pinelands Protection and Preservation Areas, except those portions described separately below | PL |
| (Stokes State Forest)—Outlet of Stoney Lake to the confluence with Big Flat Brook | FW2-TP(C1) | (Belleplain)—The portion of the tributary that originates about 0.9 miles southeast of Hoffman's Mill and is located entirely within the boundaries of Belleplain State Forest | FW1 |
| | | (Belleplain)—Those tributaries that originate about 0.5 miles upstream of Hoffman's Mill and are located entirely within the boundaries of Belleplain State Forest | FW1 |
| | | (Belleplain)—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 | FW2-NT/SE1(C1) |

| <u>Waterbody</u> | <u>Classification</u> |
|---|-----------------------|
| boundary of the Fish and Game lands (Delmont)—Boundary of the Fish and Game lands to Delaware Bay | SE1 |
| WEST PORTAL CREEK (West Portal)—Entire length | FW2-TP(C1) |
| WHITE BROOK (Montague)—Entire length | FW2-TP(C1) |
| WHITE LAKE (Hardwick) | FW2-TM |
| WICKECHEOKE CREEK (Locktown)—Source to confluence with Plum Brook | FW2-NT(C1) |
| (Stockton)—Confluence with Plum Brook to Delaware River | FW2-TM(C1) |
| WIDGEON PONDS (Egg Island) | FW2-NT/SE1(C1) |
| WILLS BROOK (Mt. Olive)—Entire length | FW2-TM |
| YARDS CREEK (Blairstown)—Entire length | FW2-TP(C1) |

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

TABLE 3

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

| <u>Waterbody</u> | <u>Classification</u> |
|--|-----------------------|
| BURNT MEADOW BROOK (Green Pond)— Source downstream to confluence with Green Pond Brook | FW2-NT |
| BURNT MEADOW BROOK (Stonetown)— Entire length | FW2-TP(C1) |
| CANISTEAR RESERVOIR (Vernon) | FW2-TM |
| CANISTEAR RESERVOIR TRIBUTARY (Vernon)—The southern branch of the eastern tributary to the Reservoir | FW1 |
| CANOE BROOK (Chatham)—Entire length | FW2-NT |
| CEDAR POND (Potsville)—Pond and all tributaries | FW1 |
| CHARLOTTEBURG RESERVOIR (Charlottesville) | FW2-TM(C1) |
| CHERRY RIDGE BROOK (Vernon)—Tributaries not contained within Wawayanda State Park and Newark Watershed lands | FW2-NT |
| (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 |
| CLINTON BROOK (W. Milford)—Clinton Reservoir dam to Pequanock River | FW2-TP(C1) |
| CLINTON RESERVOIR (W. Milford) | FW2-TM(C1) |
| CLOVE BROOK—See STAG BROOK | |
| COOLEY BROOK (W. Milford)—Entire length, except segments described below | FW2-TP(C1) |
| (Hewitt State Forest)—Segments of the brook and all tributaries which originate and are located entirely within Hewitt State Forest | FW1(tp) |
| CORYS BROOK (Warren)—Entire length | FW2-NT |
| CRESSKILL BROOK (Alpine)—Source to Duck Pond Rd. bridge, Demarest | FW2-TP(C1) |
| (Demarest)—Duck Pond Rd. bridge to Tenackill Brook | FW2-NT(C1) |
| CROOKED BROOK TRIB. (East of Sheep Hill)—Entire length | FW2-TP(C1) |
| CUPSAW BROOK (Skylands)—Source to Wanaque Reservoir, except segment described below | FW2-NT |
| (Ringwood State Park)—That segment of Cupsaw Brook within the boundaries of Ringwood State Park | FW2-NT(C1) |
| DEAD RIVER (Liberty Corners)—Entire length | FW2-NT |
| DEN BROOK (Randolph)—Entire length | FW2-NT |
| TRIBUTARY (Randolph)—Tributary west of Shongum Lake | FW2-TP(C1) |
| DUCK POND (Ringwood) | FW2-NT(C1) |
| ELIZABETH RIVER (Elizabeth)—Source to Broad St. bridge, Elizabeth and all freshwater tributaries | FW2-NT |
| (Elizabeth)—Broad St. bridge to mouth | SE3 |
| FOX BROOK (Mahwah)—Entire length | FW2-NT |
| GLASMERE POND (Ringwood) | FW2-NT(C1) |
| GOFFLE BROOK (Hawthorne)—Entire length | FW2-NT |
| GRANNEY BROOK—See SPRING BROOK | |
| GRANNIS BROOK (Morris Plains)—Entire length | FW2-NT |
| GREAT BROOK (Chatham)—Entire length, except segment described below | FW2-NT |
| (Great Swamp)—Segment within the boundaries of the Great Swamp National Wildlife Refuge | FW2-NT(C1) |
| GREEN BROOK (W. Milford)—Entire length, except those segments described below | FW2-TP(C1) |
| (Hewitt State Forest)—These segments and | FW1(tp) |

| <u>Waterbody</u> | <u>Classification</u> | <u>Waterbody</u> | <u>Classification</u> |
|--|-----------------------|--|-----------------------|
| tributaries which originate and are located entirely within the Hewitt State Forest boundaries | | length | |
| GREEN POND (Rockaway) | FW2-TM | KIKEOUT BROOK (Butler)—See STONE HOUSE BROOK | |
| GREEN POND BROOK | | KILL VAN KULL (Bayonne)—Westerly from a north-south line connecting Constable Hook (Bayonne) to St. George (Staten Island, New York) | SE3 |
| (Picatinny Arsenal)—Green Pond outlet to, but not including, Picatinny Lake | FW2-TP(C1) | LAKE RICKONDA OUTLET STREAM | |
| (Wharton)—Outlet of Picatinny Lake to the confluence with the Rockaway River | FW2-NT | (Monks)—That segment of the outlet stream from Lake Rickonda within Ringwood State Park | FW2-TM(C1) |
| GREENWOOD LAKE (W. Milford) | FW2-TM | LAKE STOCKHOLM BROOK | |
| HACKENSACK RIVER | | (Stockholm)—Entire length, except tributaries described separately below | FW2-TP(C1) |
| (Oradell)—New York/New Jersey State line to Oradell dam, including Lake Tappan and all tributaries draining to the Hackensack River above Oradell Dam | FW2-NT(C1) | (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) |
| (Oradell)—Main stem and saline tributaries from Oradell dam to the confluence with Overpeck Creek | SE1 | (Stockholm)—Brook between Hamburg Turnpike and Vernon-Stockholm Rd. to its confluence with Lake Stockholm Brook, north of Rt. 23 | FW1(tp) |
| (Little Ferry)—Main stem and saline tributaries from Overpeck Creek to Route 1 and 9 crossing | SE2 | LITTLE POND BROOK (Oakland)—Entire length | FW2-TP(C1) |
| (Kearny Point)—Main stem downstream from Route 1 and 9 crossing | SE3 | LOANTAKA BROOK | |
| TRIBUTARIES | | (Green Village)—Entire length, except segment described below | FW2-NT |
| (Oradell)—Tributaries joining the main stem between Oradell dam and the confluence with Overpeck Creek | FW2-NT/SE1 | (Great Swamp)—Brook and all tributaries within the boundaries of Great Swamp National Wildlife Refuge | FW2-NT(C1) |
| (Little Ferry)—Tributaries joining the main stem downstream of Overpeck Creek | FW2-NT/SE2 | 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 |
| HANKS POND (Clinton)—Pond and all tributaries | FW1 | MACOPIN RIVER | |
| HARMONY BROOK (Brookside)—Entire length | FW2-TP(C1) | (Newfoundland)—Source to Echo Lake dam | FW2-NT |
| HARRISONS BROOK (Bernards)—Entire length | FW2-NT | (Newfoundland)—Echo Lake dam downstream to Pequannock River | FW2-TP(C1) |
| HAVEMEYER BROOK (Mahwah)—Entire length | FW2-TP(C1) | MEADOW BROOK | |
| HEWITT BROOK (W. Milford)—Entire length | FW2-TP(C1) | (Wanaque)—Skyline Lake to E. Belmont Ave. | FW2-NT |
| HIBERNIA BROOK | | (Wanaque)—E. Belmont Ave. downstream to Wanaque River | FW2-TP(C1) |
| (Marcella)—Source to first Green Pond Road bridge downstream of Lake Emma | FW2-TP(C1) | MILL BROOK | |
| (Hibernia)—First Green Pond Road bridge to confluence with Beaver Brook | FW2-TM | (Randolph)—Source to Rt. 10 bridge | FW2-TP(C1) |
| TRIBUTARY | | (Randolph)—Rt. 10 bridge to Rockaway River | FW2-TM |
| (Lake Ames)—Source to, but not including, Lake Ames | FW2-TP(C1) | TRIBUTARIES | |
| HIGH MOUNTAIN BROOK (Ringwood)—Source to, but not including, Skyline Lake | FW2-TP(C1) | (N. of Union Hill)—Entire length | FW2-TP(C1) |
| HOHOKUS BROOK (Hohokus)—Entire length | FW2-NT/SE2 | MONKSVILLE RESERVOIR (Long Pond Ironworks State Park) | FW2-TM(C1) |
| HUDSON RIVER | | MORSES CREEK (Linden)—Entire length | FW2-NT/SE3 |
| (Rockleigh)—River and saline portions of New Jersey tributaries from the New Jersey-New York boundary line in the north to its confluence with the Harlem River, New York | SE1 | MOSSMANS BROOK—(West Milford)—Source to confluence with Clinton Reservoir | FW2-TP(C1) |
| (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 | MT. TABOR BROOK (Morris Plains)—Entire length | FW2-NT |
| TRIBUTARIES | | 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 |
| (Rockleigh)—Freshwater portions of tributaries to the Hudson River in New Jersey | FW2-NT | NOSSENZO POND (Upper Macopin) | FW2-NT(C1) |
| INDIAN GROVE BROOK | | OAK RIDGE RESERVOIR (Oak Ridge) | FW2-TM |
| (Bernardsville)—Entire length | FW2-TP(C1) | OAK RIDGE RESERVOIR (Oak Ridge)—Northwestern tributary to Reservoir | FW1(tm) |
| JACKSON BROOK | | OHIO BROOK (Morris Township)—Source downstream to Morristown town line | FW2-TM |
| (Mine Hill)—Source to the boundary of Hurd Park, Dover | FW2-TP(C1) | ORADELL RESERVOIR (Oradell) | FW2-NT(C1) |
| (Dover)—Hurd Park to Rockaway River | FW2-NT | TRIBUTARIES | |
| JENNINGS CREEK (W. Milford)—State line to Wanaque River | FW2-TP(C1) | (Oradell)—All named and unnamed tributaries that are not listed separately, that drain into Oradell Reservoir above the Oradell Dam | FW2-NT(C1) |
| JERSEY CITY RESERVOIR (Boonton) | FW2-TM(C1) | OVERPECK CREEK (Palisades Park)—Entire | |
| KANOUSE BROOK (Newfoundland)—Entire | FW2-TP(C1) | | |

| <u>Waterbody</u> <u>length</u> | <u>Classification</u> | <u>Waterbody</u> | <u>Classification</u> |
|---|-----------------------|--|-----------------------|
| PACOCK BROOK | FW2-NT/SE2 | POSTS BROOK | |
| (Canistear)—Brook and tributaries upstream of Canistear Reservoir located entirely within the boundaries of the Newark Watershed | FW1 | (Bloomingdale)—Source to confluence with Wanaque River, except Wanaque Reservoir, and segment described below | FW2-NT |
| (Stockholm)—Outlet of Canistear Reservoir to Pequannock River | FW2-NT | (Norvin Green State Forest)—That segment of the stream and all tributaries within the boundaries of Norvin Green State Forest | FW2-NT(C1) |
| PASCACK BROOK (Hackensack) —New York/New Jersey State line to confluence with the Oradell Reservoir, including Woodcliff Lake, and all tributaries | FW2-NT(C1) | PREAKNESS (SINGAC) BROOK | |
| PASSIAC RIVER | | (Wayne)—Source to, but not including, Barbour Pond | FW2-TP(C1) |
| (Mendham)—Source downstream to, but not including, Osborn Pond or tributaries described separately below | FW2-TP(C1) | (Barbour Pond)—Pond to Passaic River | FW2-NT |
| (Paterson)—Outlet of Osborn Pond to Dundee Lake dam | FW2-NT | PRIMROSE BROOK | |
| (Little Falls)—Dundee Lake dam to confluence with Second River | FW2-NT/SE2 | (Harding)—Source to Lees Hill Road bridge | FW2-TP(C1) |
| (Newark)—Confluence with Second River to mouth | SE3 | (Harding)—Lees Hill Road bridge to Great Swamp National Wildlife Refuge boundary | FW2-NT |
| TRIBUTARIES | | (Great Swamp)—Wildlife Refuge boundary to Great Brook | FW2-NT(C1) |
| (Great Piece Meadows State Park)—Tributaries within Great Piece Meadows State Park | FW2-NT(C1) | RAHWAY RIVER | |
| PECKMAN RIVER | | SOUTH BRANCH | |
| (Verona)—Entire length | FW2-NT | (Rahway)—Source to Hazelwood Ave., Rahway | FW2-NT |
| PEQUANNOCK RIVER | | (Rahway)—Hazelwood Ave. to mouth | SE2 |
| MAIN STEM | | MAIN STEM | |
| (Vernon)—Source to confluence with Pacock Brook | FW1(TP) | (Rahway)—Upstream of Pennsylvania Railroad bridge | FW2-NT |
| (Hardyston)—River and the easterly tributary from Pacock Brook to, but not including, Oak Ridge Reservoir | FW2-TP(C1) | (Linden)—Penn. Railroad bridge to Route 1 and 9 crossing | SE2 |
| (Newfoundland)—Outlet of Oak Ridge Reservoir downstream to, but not including Charlotteburg Reservoir | FW2-TP(C1) | (Carteret)—Route 1 and 9 crossing to mouth | SE3 |
| (Charlotteburg)—Outlet of Charlotteburg Reservoir to, but not including, Macopin Reservoir or the tributaries described separately below | FW2-TP(C1) | RAMAPO LAKE (Ramapo) —Lake and all outlet streams and tributaries within the boundaries of Ramapo Mtn. State Forest | FW2-NT(C1) |
| (Kinnelon)—Macopin Reservoir outlet to Hamburg Turnpike bridge in Pompton Lakes Borough | FW2-TP(C1) | RAMAPO RIVER (Mahwah) —State line to Pompton River | FW2-NT |
| (Riverdale)—Hamburg Turnpike bridge in Pompton Lakes Borough to confluence with Wanaque River | FW2-TM | TRIBUTARY (Oakland) —Entire length | FW2-TP(C1) |
| (Pompton Plains)—Confluence with Wanaque River downstream to confluence with Pompton River | FW2-NT | RINGWOOD CREEK | |
| TRIBUTARIES | | (Ringwood)—Entire length, except segment described below | FW2-TM |
| (Cooperas Mtn.)—Entire length | FW2-TP(C1) | (Sloatsburg)—Creek within Ringwood State Park | FW2-TM(C1) |
| (Smoke Rise)—Entire length | FW2-TP(C1) | RINGWOOD MILL POND (Ringwood) | FW2-NT(C1) |
| (Green Pond Junction)—Tributary at Green Pond Junction from its origin downstream to Route 23 | FW1(tm) | ROCKAWAY RIVER | |
| (Jefferson)—Tributary joining the main stem about 3,500 ± feet southeast of the Sussex Passaic County line, near Jefferson from its origin to about 2,000 feet upstream of the pond | FW1(tm) | (Wharton)—Source to Washington Pond outlet, excluding the segment within the boundaries of the Berkshire Valley Wildlife Management Area | FW2-NT |
| (Lake Kampfe)—Source to, but not including, Lake Kampfe | FW2-TM | (Berkshire Valley)—That segment within the boundaries of the Berkshire Valley Wildlife Management Area | FW2-NT(C1) |
| (Lake Kampfe)—Lake Kampfe to Pequannock River, except tributary described separately below | FW2-NT | (Dover)—Washington Pond outlet downstream to Rt. 46 bridge | FW2-TM(C1) |
| (Lake Kampfe)—Tributary within the boundaries of Norvin Green State Forest, originating west of Torne Mtn. | FW2-NT(C1) | (Boonton)—Rt. 46 bridge to Passiac River, excluding Jersey City Reservoir | FW2-NT |
| PILES CREEK (Grasselli) —Entire length | SE3 | RUSSIA BROOK | |
| POMPTON LAKE (Pompton Lakes) | FW2-NT | (Sparta)—Source to Lake Hartung dam | FW2-NT |
| POMTPON RIVER (Wayne) —Entire length | FW2-NT | (Milton)—Lake Hartung dam to, but not including, Lake Swannanoa | FW2-TM |
| POND BROOK (Oakland) —Entire length | FW2-NT | TRIBUTARIES | |
| | | (S. of Mt. Paul)—Entire length | FW2-TP(C1) |
| | | SADDLE RIVER | |
| | | (Upper Saddle River)—State line to Bergen County Rt. 2 (Lake Street) bridge | FW2-TP(C1) |
| | | (Upper Saddle River)—Bergen County Rt. 2 (Lake Street) bridge downstream to confluence with Pleasant Brook, including all tributaries | FW2-TP(C1) |
| | | (Saddle River)—Pleasant Brook 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 | |

| Waterbody | Classification |
|---|----------------|
| 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)—Source to Valley Road bridge (Butler)—Valley Road bridge to confluence with Pequannock River | FW2-NT |
| STONY BROOK (Boonton)—Entire length | FW2-TP(C1) |
| SURPRISE LAKE (Hewitt) | FW2-NT |
| SWAN POND (Ringwood) | FW1 |
| TAPPAN LAKE (Old Tappan) | FW2-NT(C1) |
| TENAKILL BROOK (Demarest)—Entire length, including all tributaries, except Cresskill Brook | FW2-NT(C1) |
| 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 |
| WALLACE BROOK (Randolph)—Source downstream to, but not including Hedden Park Lake | FW2-TP(C1) |
| WANAQUE RESERVOIR | FW2-TM(C1) |
| 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 south of Jennings Creek (Hewitt) described separately below | FW2-TM(C1) |
| (Pompton Lakes) - Wanaque Reservoir dam to Wanaque Ave. bridge including unnamed tributaries | FW2-TP(C1) |
| (Pompton Lakes)—Wanaque Ave. bridge downstream to Pequannock River | FW2-TM |
| TRIBUTARY (Hewitt)—Entire length of tributary south of Jennings Creek | FW2-TP(C1) |
| 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 (Morristown)—Whitehead Rd. bridge to Rockaway River | FW2-TP(C1) |
| TRIBUTARIES (Brookside)—Entire length | FW2-NT |
| (E. of Brookside)—Entire length | FW2-TP(C1) |
| (E. of Washington Valley)—Entire length | FW2-TM |
| (Gillespie Hill)—Entire length | FW2-TP(C1) |
| (Shongum Mtn.)—Entire length | FW2-TP(C1) |
| WONDER LAKE (West Milford) | FW2-NT |
| WOODBIDGE CREEK (Woodbridge)—Entire length | FW2-NT(C1) |
| | FW2-NT/SE3 |

| Waterbody | Classification |
|---------------------------------|----------------|
| WOODCLIFF LAKE (Woodcliff Lake) | FW2-NT(C1) |

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

TABLE 4

| Waterbody | Classification |
|--|----------------|
| ALLERTON CREEK (Allerton)—Entire length | FW2-NT |
| AMBROSE BROOK (Piscataway)—Entire length | FW2-NT |
| AMWELL LAKE (Snydertown) | FW2-NT(C1) |
| ASSISCONG CREEK (Flemington)—Entire length | FW2-NT |
| BACK BROOK (Vanliew's Corners)—Entire length | FW2-NT |
| BALDWINS CREEK (Pennington)—Entire length, except segment described separately below | 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) |
| (Annandale)—Reformatory Rd. bridge to Beaver Ave. bridge | FW2-TM |
| (Annandale)—Beaver Ave. bridge downstream to the lower most I-78 bridge | FW2-TP(C1) |
| (Clinton)—Lower most I-78 bridge downstream to the South Branch Raritan River | 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) |
| TRIBUTARIES (E. of Budd Lake)—Entire Length | FW2-TM |
| (W. of Budd Lake)—Entire Length | FW2-NT |
| 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 | |

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

| Waterbody | Classification | Waterbody | Classification |
|---|----------------|--|----------------|
| described above, except segment described below | SE1(C1) | (Califon)—Rt. 512 bridge to downstream end of Packers Island, except segment described separately, below | FW2-TM |
| (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 | (Ken Lockwood Gorge)—River and tributaries within Ken Lockwood Gorge Wildlife Management Area | FW2-TM(C1) |
| NESHANIC RIVER (Reaville)—Entire length | FW2-NT | (Neshanic Sta.)—Downstream end of Packers Island to confluence with North Branch, Raritan River | FW2-NT |
| NORTON BROOK (Norton)—Entire length | FW2-TP(C1) | TRIBUTARIES, SOUTH BRANCH RARITAN RIVER | |
| OAKDALE CREEK (Chester)—Entire length | FW2-TP(C1) | (Long Valley)—Entire length | FW2-TP(C1) |
| OAKEYS BROOK (Deans)—Entire length | FW2-NT | (High Bridge)—Entire length | FW2-TM |
| OCEANPORT CREEK | | (S. of Hoffmans)—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 | (S. of Schooley's Mt.)—Entire length | FW2-TP(C1) |
| (Oceanport)—Creek downstream of line described above | SE1(C1) | MAIN STEM RARITAN RIVER | |
| PARKERS CREEK | | TRIBUTARIES, SOUTH BRANCH RARITAN RIVER | |
| (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 | (Long Valley)—Entire length | FW2-TP(C1) |
| (Fort Monmouth)—Creek downstream of line described above | SE1(C1) | (High Bridge)—Entire length | FW2-TM |
| PEAPACK BROOK (Gladstone)—Entire length | FW2-TP(C1) | (S. of Hoffmans)—Entire length | FW2-TP(C1) |
| PETERS BROOK (Somerville)—Entire length | FW2-NT | (S. of Schooley's Mt.)—Entire length | FW2-TP(C1) |
| PIGEON SWAMP (Pigeon Swamp State Park)—All waters within the boundaries of Pigeon Swamp State Park | FW2-NT(C1) | MAIN STEM RARITAN RIVER | |
| PIKE RUN (Belle Meade)—Entire length | FW2-NT | (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 |
| PINE BROOK (Clarks Mills)—Entire length | FW2-NT | (Sayreville)—Landing Lane bridge to Raritan Bay and all saline water tributaries | SE1 |
| PINE BROOK (Cooks Mill)—Entire length | FW2-TM | RINEHART BROOK (Hacklebarney)—Entire length | FW2-TP(C1) |
| PLEASANT RUN (Readington)—Entire length | FW2-NT | ROCK BROOK (Montgomery)—Entire length | FW2-NT |
| PRESCOTT BROOK (Stanton Station)—Entire length | FW2-TM | ROCKAWAY CREEK | |
| RAMANESSIN (HOP) BROOK (Holmdel)—Entire length | FW2-TM | NORTH BRANCH | |
| RARITAN BAY—Entire drainage | FW2-NT/SE1 | (Mountainville)—Source to Rt. 523 Bridge | FW2-TP(C1) |
| RARITAN RIVER | | (Whitehouse)—Rt. 523 bridge to confluence with South Branch | FW2-TM |
| NORTH BRANCH (Also see INDIA BROOK) (Pleasant Valley)—Source to, but not including, Ravine Lake | FW2-TP(C1) | SOUTH BRANCH | |
| (Far Hills)—Ravine Lake dam to Rt. 512 bridge (Bedminster)—Rt. 512 bridge to confluence with South Branch, Raritan River | FW2-TM | (Clinton)—Headwaters to Readington Township boundary, including all tributaries | FW2-TP(C1) |
| SOUTH BRANCH RARITAN RIVER | FW2-NT | (Clinton)—Readington Township boundary to Lake Cushetunk, including all tributaries | FW2-TM(C1) |
| (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) | (Whitehouse)—Lake Cushetunk to its confluence with main stem Rockaway Creek | FW2-TM |
| (Mt. Olive)—Dam to confluence with Turkey Brook | FW2-TM(C1) | MAIN STEM | |
| (Middle Valley)—Confluence with Turkey Brook to Rt. 512 bridge | FW2-TP(C1) | (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(C1) |
| | | 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)—Headwaters to its confluence with the South Branch Raritan River, including all tributaries | SE1 |
| | | SIMONSON BROOK (Griggstown)—Entire length | FW2-NT(C1) |
| | | 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 | SE1 |
| | | SPOOKY BROOK (Bound Brook) | FW2-NT |
| | | SPRUCE RUN | |
| | | (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 |

| <u>Waterbody</u> | <u>Classification</u> |
|---|-----------------------|
| 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 RESERVOIR (Red Bank) | FW2-NT(C1) |
| TANNERS BROOK (Washington)—Entire length | FW2-NT(C1) |
| TEETER TOWN 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 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 the line described above | 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 former Hamburg Mtn. Wildlife Management Area from their sources to the former Management Area boundaries | FW1(TM) |
| (Rudeville)—Tributaries within the former Hamburg Mtn. Wildlife Management Area not classified as FW1, above | FW2-TM(C1) |
| (McAfee)—Entire length | FW2-TP(C1) |
| (Vernon Valley)—Entire length | FW2-NT |
| CEDAR SWAMP—See RUTGERS CREEK | |
| CLOVE CREEK (Colesville)—Entire length | FW2-TM |

| <u>Waterbody</u> | <u>Classification</u> |
|--|-----------------------|
| 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) |
| TRIBUTARY (Hamburg Mtn.)—The first tributary to Franklin Pond Creek just south of Hamburg Mountain, flowing toward the Wallkill River and located entirely within the former Hamburg Mtn. Wildlife Management Area | FW1(tm) |
| 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 |
| LIVINGSTON PONDS (Wawayanda)—The two northwestern ponds which are within State Park lands | FW2-NT(C1) |
| LIVINGSTON PONDS BROOK (Wawayanda State Park)—Source downstream to State line | FW2-TP(C1) |
| LONG HOUSE BROOK (Upper Greenwood Lake)—Source to State line, except segment described below | FW2-NT |
| (Upper Greenwood Lake) - Segment within the boundaries of Hewitt State Forest | FW2-NT(C1) |
| LOUNSBERRY HOLLOW BROOK (Vernon Valley)—Outlet of Glenwood Lake to Pochuck Creek | FW2-TM |
| MUD POND OUTLET STREAM (Hamburg)—Outlet stream from the Pond downstream to confluence with Hamburg Creek, including all tributaries | FW2-TP(C1) |
| PAPAKATING CREEK MAIN STEM (Frankford)—Source to Rt. 629 bridge | FW2-TM |
| (Pellettown)—Entire length of tributary | FW2-NT |
| (Wantage)—Rt. 629 bridge to Wallkill River | FW2-NT |
| WEST BRANCH | |

| Waterbody | Classification | Waterbody | Classification |
|--|----------------|--|----------------|
| (Wantage)—Entire length | FW2-NT | (Sparta)—Source to confluence with | |
| PARKER LAKE (Wawayanda) | FW2-NT(C1) | Sparta Glen Brook | FW2-NT |
| POCHUCK CREEK | | (Franklin)—Sparta Glen Brook to, but not | |
| (Vernon)—Source to State line, except | | including, Franklin Pond | FW2-TM |
| segment described separately below | FW2-NT | (Wantage)—Outlet of Franklin Pond to | |
| (High Point)—Segment within State Park | | State line | FW2-NT |
| lands | FW2-NT(C1) | TRIBUTARIES | |
| QUARRYVILLE BROOK—See WILLOW | | (Sparta)—Lake Saginaw dam downstream | |
| BROOK | | to Wallkill River | FW2-TP(C1) |
| RUTGERS CREEK (High Point)—The | | (Ogdensburg)—Tributary from the outlet | |
| Cedar Swamp headwaters of the tributary | | of Heaters Pond to the confluence with | |
| to Rutgers Creek located entirely within | | the Wallkill River | FW2-TP(C1) |
| the High Point State Park boundaries just | | WANTAGE BROOK (Wantage)—Entire | |
| south of the State line | FW1 | length | FW2-NT |
| SAND HILLS BROOK | | WAWAYANDA CREEK | |
| (Hamburg Mtn.)—The upstream portion | | (Vernon)—State line to Pochuck Creek, | |
| of Sand Hills Brook, including the pond | | except unnamed tributary described | |
| at its headwaters, located entirely within | | below | FW2-TM |
| the boundaries of the Hamburg Mtn. | | TRIBUTARIES | |
| Wildlife Management Area | FW1 | (Wawayanda)—Source to State line | FW2-NT |
| (Hamburg)—Brook and tributaries beyond | | (Wawayanda State Park)—Segments | |
| Management Area boundaries | FW2-NT | within State Park boundaries, except | |
| SAWMILL POND BROOK | | Livingston Ponds Brook as noted above | FW2-NT(C1) |
| (W. Milford)—Entire length, except | | WAWAYANDA LAKE (Wawayanda) | FW2-TM(C1) |
| segment described separately below | FW2-NT | WHITE LAKE (Sparta) | FW2-TM |
| (Wawayanda)—Segment within the | | WILDCAT BROOK (Franklin)—Entire | |
| boundaries of Wawayanda State Park | FW2-NT(C1) | length | FW2-NT |
| SPARTA GLEN BROOK (Sparta)—Entire | | WILLOW (QUARRYVILLE) BROOK | FW2-TM |
| length | FW2-TP(C1) | (Wantage)—Entire length | |
| SPRING BROOK (Maple Grange)—Entire | | | |
| length | FW2-TP(C1) | | |
| TOWN BROOK (Vernon)—Entire length | FW2-TM | | |
| WALLKILL RIVER | | | |

(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 WILD- LIFE 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

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

ISLAND BEACH STATE PARK

BARNEGAT BAY WATERSHED

All freshwater ponds in Island Beach State Park

LESTER G. MACNAMARA WILDLIFE MANAGEMENT AREA

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

TUCKAHOE PUBLIC FISHING AND HUNTING GROUNDS

WHARTON STATE FOREST

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

| | |
|---|---|
| | <p>Branch Tulpehocken Creek and tributaries from their sources downstream to the confluence with Featherbed Branch</p> <p>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.</p> <p>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</p> <p>Brooks and tributaries to the Mullica River between and immediately to the west of Tylertown and Crowleytown, from their headwaters downstream to the head of tide at mean high water</p> <p>The easterly branches of the Batsto River from Batsto Village upstream to the confluence with Skit Branch</p> <p>Gun Branch from its headwaters downstream to U.S. Route 206</p> |
| DELAWARE RIVER BASIN ALLAMUCHY STATE PARK | <p>MUSCONETCONG RIVER WATERSHED</p> <p>All those tributaries to Deer Park Pond and its outlet stream, that are located entirely within the boundaries of Allamuchy State Park</p> <p>PEQUEST RIVER WATERSHED</p> <p>All tributaries that are located entirely within Allamuchy State Park and flow into Allamuchy Pond</p> |
| BELLEPLAIN STATE FOREST | <p>EAST CREEK WATERSHED</p> <p>All tributaries to Lake Nummi from their origins downstream to the lake</p> <p>Those two tributaries to Savages Run and portions thereof downstream of Lake Nummi, which are located entirely within the Belleplain State Forest boundaries</p> <p>A stream and its tributaries that originate just south of East Creek Mill Rd., 1.2± miles north-northeast of Eldora, and are located entirely within the boundaries of Belleplain State Forest</p> <p>WEST CREEK WATERSHED</p> <p>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</p> <p>Eastern branch of the easterly tributary to Pickle Factory Pond from its origin to its confluence with the western branch</p> <p>Those tributaries to the stream which enter West Creek approximately 0.5 miles upstream of Hoffman's Mill and which are located entirely within the boundaries of Belleplain State Forest</p> |
| BRENDAN T. BYRNE STATE FOREST | <p>RANOCAS CREEK WATERSHED</p> <p>Deer Park Branch and tributaries near Buckingham, downstream to the confluence with Pole Bridge Branch</p> <p>Tributaries to the South Branch of Mount Misery Brook located entirely within the boundaries of Brendan T. Byrne State Forest</p> <p>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 Brendan T. Byrne State Forest</p> <p>Shinns Branch and tributaries located entirely within the boundaries of Brendan T. Byrne State Forest, from their sources to the forest boundary</p> <p>Jade Run located entirely within the boundaries of Brendan T. Byrne State Forest</p> <p>MacDonalds Branch and tributaries located entirely within the boundaries of Brendan T. Byrne State Forest, from their sources to the forest boundary</p> |
| COLLIERS MILLS WILDLIFE MANAGEMENT AREA | <p>CROSSWICKS CREEK WATERSHED</p> <p>All tributaries to Lahaway Creek originating in the Colliers Mills Wildlife Management Area north-northeast of Archers Corner, from their origins downstream to the boundaries of the Colliers Mills Wildlife Management Area</p> |
| DELAWARE WATER GAP NATIONAL RECREATION AREA | <p>DELAWARE RIVER WATERSHED</p> <p>All tributaries to Flat Brook flowing from the Kittatinny Ridge and located entirely within the boundaries of the Delaware Water Gap National Recreation Area</p> <p>Rundle Brook upstream of Sussex County Route 615</p> <p>Smith Ferry Brook</p> <p>Donkey's Corner Brook</p> <p>Sambo Island Brook and Pond</p> <p>Coppermine Brook in Pahaquarry</p> <p>Dunnfield Creek to Route I-80</p> |
| DIX WILDLIFE MANAGEMENT AREA | <p>MIDDLE MARSH CREEK WATERSHED</p> <p>All fresh waters which originate in and are located entirely within the boundaries of the Dix Wildlife Management Area</p> |
| EDWARD G. BEVAN WILDLIFE MANAGEMENT AREA | <p>MAURICE RIVER WATERSHED</p> <p>Joshua and Pine Branches of Buckshutem Creek to their confluences with Buckshutem Creek</p> <p>Gravelly Run downstream to the boundaries of the Edward G. Bevan Wildlife Management Area</p> |

SUSSEX BOROUGH WATER
SUPPLY LAND
WAWAYANDA STATE PARK

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

(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.

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

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

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

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

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

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

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

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

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

Administrative Corrections.

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

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

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

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

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

Rewrote tables.

Administrative correction.

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

Petition for Rulemaking.

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

Petition for Rulemaking.

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

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

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

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

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

Rewrote the section.

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

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

Rewrote (d) through (f).

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

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

Rewrote (c) through (f).

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

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

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

Amended by R.2006 d.372, effective October 16, 2006.

See: 37 N.J.R. 3480(a), 4121(a), 4368(a), 38 N.J.R. 4449(a).

In (b)l iii, substituted "Hackensack" for "Hudson"; in (c), amended entries for "Barnegat Bay", "Brigantine" and "Great Bay" in Table 1; in (d), amended entries for "Jade Run", "South Branch, Mount Misery Brook", "Paulins Kill" and "Rancocas Creek" in Table 2; in (e), amended entries for "Beech Brook", "Kikeout Brook", "Saddle River", "Stone House Brook" and "Wanaque River" in Table 3; in (f), amended entry for "Town Neck Creek" in Table 4; in (g), added entry for "Cedar Swamp", amended entries for "Franklin Pond Creek", "Long House Brook" and "Wallkill River" in Table 5; and in (h), substituted entry "Brendan T. Byrne Rancocas Creek Watershed State Forest" for "Lebanon Rancocas Creek Watershed State Forest" in Table 6.

Administrative correction.

See: 39 N.J.R. 2018(a).