

9 VAC 25-260-50. Numerical criteria for dissolved oxygen, pH, and maximum temperature.***

CLASS	DESCRIPTION OF WATERS	DISSOLVED OXYGEN (mg/l)****		pH	Maximum Temp. (EC)
		Min.	Daily Avg.		
I	Open Ocean	5.0	--	6.0-9.0	--
II	Estuarine Waters (Tidal Water- Coastal Zone to Fall Line)	4.0	5.0	6.0-9.0	--
III	Nontidal Waters (Coastal and Piedmont Zones)	4.0	5.0	6.0-9.0	32
IV	Mountainous Zones Waters	4.0	5.0	6.0-9.0	31
V	Stockable Trout Waters	5.0	6.0	6.0-9.0	21
VI	Natural Trout Waters	6.0	7.0	6.0-9.0	20
VII	Wetlands	*	*	*	**

*This classification recognizes that the natural quality of these waters may fall outside of the ranges for D.O. and pH set forth above as water quality criteria; therefore, on a case-by-case basis, criteria for specific wetlands can be developed which reflect the natural quality of the waterbody.

**Maximum temperature will be the same as that for Classes I through VI waters as appropriate.

***The water quality criteria in 9 VAC 25-260-50 do not apply below the lowest flow averaged (arithmetic mean) over a period of seven consecutive days that can be statistically expected to occur once every 10 climatic years (a climatic year begins April 1 and ends March 31).

**** See Section 9 VAC 25-260-55 for special provisions for waters naturally low in dissolved oxygen.

9 VAC 25-260-55 Waters Naturally Low in Dissolved Oxygen

A. The dissolved oxygen concentrations in the waters listed in 9 VAC 25-260-50 may seasonally fall below the criteria established in that section due to density stratification and depth in Class II waters or temperature stratification and depth in lakes and reservoirs in Class III, IV, V and VI waters which prevents mixing and reaeration of deep waters. These dissolved oxygen concentrations do not constitute a violation of the numerical water quality criteria as long as the Board determines these concentrations do not fall below the natural water quality resulting from stratification and depth. The Board shall periodically make this determination:

1. Based upon an evaluation of aquatic life uses, habitat, available monitoring data, available computer modeling results or other accepted scientific principles,

2. By providing the public an opportunity to comment through publication of a notice in selected newspapers or through other media as will best serve the purpose of notifying the general public, and

B. The Board shall maintain a publicly available list of waters where determinations under this paragraph have been made.

9 VAC 25-260-310. Special standards and requirements.

The special standards are shown in small letters to correspond to lettering in the basin tables. The special standards are as follows:

a. Shellfish waters. In all open ocean or estuarine waters capable of propagating shellfish or in specific areas where public or leased private shellfish beds are present, including those waters on which condemnation or restriction classifications are established by the State Department of Health, the following criteria for fecal coliform bacteria will apply:

The median fecal coliform value for a sampling station shall not exceed an MPN of 14 per 100 ml of sample and not more than 10% of samples shall exceed 43 for a 5-tube, 3-dilution test or 49 for a 3-tube, 3-dilution test.

The shellfish area is not to be so contaminated by radionuclides, pesticides, herbicides, or fecal material that the consumption of shellfish might be hazardous.

b. Policy for the Potomac Embayments. At its meeting on September 12, 1996, the board adopted a policy (9 VAC 25-415-10 et seq. Policy for the Potomac Embayments) to control point source discharges of conventional pollutants into the Virginia embayment waters of the Potomac River, and their tributaries, from the fall line at Chain Bridge in Arlington County to the Route 301 bridge in King George County. The policy sets effluent limits for BOD₅, total suspended solids, phosphorus, and ammonia, to protect the water quality of these high profile waterbodies.

c. Cancelled.

d. Aquia Creek. No proposal resulting in the discharge of treated wastes to Aquia Creek will be approved unless the following is provided:

- (1) At least 100 days' storage to allow complete elimination of discharges during the low-flow summer months; or
 - (2) Other treatment, based on sound engineering concepts (preferably with experimental data to show their feasibility), for nutrient removal prior to discharge.
- e. Cancelled.
- f. Cancelled.
- g. Occoquan watershed policy. At its meeting on July 26, 1971 (Minute 10), the board adopted a comprehensive pollution abatement and water quality management policy for the Occoquan watershed. The policy set stringent treatment and discharge requirements in order to improve and protect water quality, particularly since the waters are an important water supply for Northern Virginia. Following a public hearing on November 20, 1980, the board, at its December 10-12, 1980, meeting, adopted as of February 1, 1981, revisions to this policy (Minute 20). These revisions became effective March 4, 1981. Additional amendments were made following a public hearing on August 22, 1990, and adopted by the board at its September 24, 1990, meeting (Minute 24) and became effective on December 5, 1990. Copies are available upon request from the Department of Environmental Quality.
- h. Cancelled.
- i. Cancelled.
- j. Cancelled.
- k. Cancelled.
- l. Cancelled.
- m. The following effluent standards apply to the entire Chickahominy watershed above Walker's Dam:

CONSTITUENT	CONCENTRATION
1. Biochemical Oxygen and 5-day at 20	6.0 mg/l monthly average, with not more than 5% of individual samples to exceed 8.0 mg/l

- | | |
|---|---|
| 2. Settleable Solids | Not to exceed 0.1 ml/l |
| | |
| 3. Suspended Solids | 5.0 mg/l monthly average, with not more than 5% of individual samples to exceed 7.5 mg/l |
| | |
| 4. Ammonia Nitrogen | Not to exceed 2.0 mg/l as N |
| 5. Total Phosphorus | Not to exceed 0.1 mg/l monthly average for all discharges with the exception of Holly Farms Poultry Industries, Inc. which shall meet 0.3 mg/l monthly average and 0.5 mg/l daily maximum. |
| | |
| 6. Other Physical and
nical Constituents | Other physical or chemical constituents not specifically mentioned will be covered by additional specifications as conditions detrimental to the stream arise. The specific mention of items 1 through 5 does not necessarily mean that the addition of other physical or chemical constituents will be condoned. |
- n. No sewage discharges, regardless of degree of treatment, should be allowed into the James River between Bosher and Williams Island Dams.
- o. The concentration and total amount of impurities in Tuckahoe Creek and its tributaries of sewage origin shall be limited to those amounts from sewage, industrial wastes, and other wastes which are now present in the stream from natural sources and from existing discharges in the watershed.
- p. Cancelled.
- q. Rappahannock River Basin.

The following effluent standards (adopted in Minute 17 from the proceedings of the board at its meeting on September 17-18, 1972) apply to all waste discharges to the Rappahannock River Basin above the proposed Salem Church Dam in accordance with subdivisions (1) and (2) below:

CONSTITUENT	FINAL EFFLUENT REQUIREMENTS (WEEKLY AVERAGE)
BOD - mg/l	1
COD - mg/l	10
Suspended solids - mg/l	0 (unmeasurable)
MBAS - mg/l	0.1
Turbidity (Jackson Units)	0.4
Fecal Coliform Bacteria per l sample	Less than 2
Nitrogen - mg/l	1
Phosphorus - mg/l	0.1

(1) After the date of Congressional authorization for actual construction of the dam has been given, all new proposals shall comply fully with the adopted standards of the paragraph above and all existing owners shall immediately commence the necessary planning, financing and design to ensure that facilities are completed prior to final completion of the construction of the dam; and

(2) Any new proposals for waste discharges to the area encompassed by the standards shall provide such conventional treatment that in the opinion of the State Department of Health, the staff and the board, satisfactory advanced waste treatment units can readily be added when funds for construction of the Salem Church Dam have been authorized.

r. Cancelled.

s. Chlorides not to exceed 40 mg/l at any time.

t. Cancelled.

u. Maximum temperature for the New River Basin from West Virginia state line upstream to the Giles - Montgomery County line:

The maximum temperature shall be 27°C (81°F) unless caused by natural conditions; the maximum rise above natural temperatures shall not exceed 2.8°C (5°F).

This maximum temperature limit of 81°F was established in the 1970 water quality standards amendments so that Virginia temperature criteria for the New River would be consistent with those of West Virginia, since the stream flows into that state.

v. The maximum temperature of the New River and its tributaries (except trout waters) from the Montgomery-Giles County line upstream to the Virginia-North Carolina state line shall be 29°C (84°F).

w. Cancelled.

x. Clinch River from the confluence of Dumps Creek at river mile 268 at Carbo downstream to river mile 255.4. The special water quality criteria for copper (measured as total recoverable) in this section of the Clinch River are 12.4 Φ g/l for protection from chronic effects and 19.5 Φ g/l for protection from acute effects. These site-specific criteria are needed to provide protection to several endangered species of freshwater mussels.

y. (1) The Board recognizes that the dissolved oxygen concentrations in the waters listed in this special standard seasonally fall below the criteria established in 9 VAC 25-260-50 due to minimal flow velocity and the decomposition of vegetation. These dissolved oxygen concentrations do not constitute a violation of the numerical water quality criteria if the concentrations do not fall below the natural water quality resulting from minimal flow velocity and decomposition of vegetation. Designations of surface waters of the Commonwealth under this special standard are determined by the Board based upon an evaluation of the aquatic life uses, habitat, available monitoring data, available computer modeling or other accepted scientific principles.

(2) These waters are:

Potomac River Basin, Potomac River Subbasin

Pine Hill Creek from its headwaters to its mouth, Section 1A, King George and Westmoreland Counties.

Potomac Creek from the Richmond, Fredericksburg, and Potomac Railroad crossing to 2.84 miles downstream, Section 1A, Stafford County

James River Basin (Lower)

College Run from its headwaters to its mouth at Cobham Bay, Section 1, Surry County

James River Basin (Middle)

WATER QUALITY STANDARDS

Chickahominy River from Route 360 bridge to Route 156 bridge, Section 5, Hanover County

Deep Creek from its headwaters to Route 611 bridge, Section 6, Nottoway County

Rumley Marsh from its headwaters to Old Forge Pond, Section 4, New Kent County

Skinquarter Creek from its headwaters to its mouth at the Appomattox River, Section 6, Powhatan and Chesterfield Counties

Swift Creek from Turkey Creek to Swift Creek Reservoir, Section 6c, Chesterfield County

Wahrani Swamp from its headwaters to Diascund Reservoir, Section 3A, New Kent County

Rappahannock River Basin

Masons Mill Swamp from Cedar Creek to its mouth, Section 2, Middlesex County

Occupacia Creek from Hunters Millpond Dam to the tidal limit, Section 4, Essex County

Chowan and Dismal Swamp, Chowan River Subbasin

Assamoosick Swamp from its headwaters to its confluence with the Nottoway River, Section 2C, Southampton and Sussex Counties

Blackwater River from the Route 617 bridge to the Route 603 bridge, Section 2, Isle of Wight and Southampton Counties

Blackwater River from Route 603 bridge to Route 611 bridge, Section 2, Southampton and Isle of Wight Counties

Blackwater River from river mile 12.3 (downstream of Franklin at the city line) to the Virginia/North Carolina state line, Section 1, Southampton County and City of Suffolk

Blackwater River from Warwick Swamp to Route 617 bridge, Section 2, Sussex and Surry Counties

Blackwater Swamp from its headwaters to its confluence with the Blackwater River, Section 2, Prince George, Surry, and Sussex Counties

Buckhorn Creek from its headwaters to the Virginia/North Carolina state line, Section 1, Southampton County

Buckskin Creek from its headwaters to its mouth, Section 2, Dinwiddie County

Butterwood Creek from its headwaters to its mouth, Section 2, Dinwiddie County

Caney Swamp from its headwaters to its mouth, Section 3, Greensville County

Cypress Swamp, from its headwaters to its confluence with the Blackwater River, Section 2, Surry County

Darden Mill Run from Route 673 to Route 680 (including Windbourne Millpond), Section 2, Southampton County

Fontaine Creek from Beaverpond Creek to its confluence with the Meherrin River, Section 3, Greensville County

German Swamp from its headwaters to its confluence with Seacorrie Swamp, Section 2, Sussex County

Gosee Swamp and all its tributaries, Section 2, Dinwiddie and Sussex Counties

WATER QUALITY STANDARDS

Horsepen Branch from its headwaters to Millrun Branch, Section 2, Dinwiddie County

Jones Hole Swamp and all its tributaries from its headwaters to Belsches Millpond, Section 2, Dinwiddie, Prince George, and Sussex Counties

Mill Swamp from its headwaters to its mouth, Section 3, Greensville County

Mill Swamp from its headwaters to its confluence with the Blackwater River, Section 2, Isle of Wight and Surry Counties

Moores Swamp from Belsches Millpond to its confluence with the Nottoway River, Section 2, Sussex County

Nebletts Mill Run and all its tributaries from the Nebletts Millpond Dam to its mouth at the Nottoway River, Section 2, Prince George and Sussex Counties

Nottoway River from the confluence at Mill Creek (river mile 6.60) upstream of the Route 258 bridge to the Virginia/N. Carolina state line, Section 1, Southampton County

Otterdam Swamp from its headwaters to its mouth, Section 2, Surry County

Pigeon Swamp from its headwaters to its confluence with Assamoosick Swamp, Section 2, Sussex County

Raccoon Creek from its headwaters to its confluence with the Nottoway River, Section 2, Sussex and Southampton Counties

Rattlesnake Swamp from its headwaters to its confluence with the Blackwater River, Section 2, Isle of Wight County

Reedy Creek from the first tributary above Route 644 to its mouth, Section 2, Dinwiddie County

Rocky Run Creek from the first tributary above Route 738 to its mouth, Section 2, Dinwiddie County

Rowanty Creek and all its tributaries, Section 2, Dinwiddie and Sussex Counties

Sappony Creek from its headwaters to Millrun Branch, Section 2, Dinwiddie County

Seacock Swamp from its confluence with Drumwright Pond to its confluence with the Blackwater River, Section 2, Southampton and Sussex Counties

Seacorrie Swamp from its headwaters to its confluence with Assamoosick Swamp, Section 2, Sussex County

Somerton Creek from one mile upstream of Route 666 to the Virginia/ N. Carolina state line, Section 2, City of Suffolk

Spring Creek from its headwaters to its confluence with Raccoon Creek, Section 2, Southampton and Sussex Counties

Tarrara Creek from the headwaters upstream of Route 668 to its mouth at the Meherrin River, Section 3, Southampton County

Three Creek from Otterdam Swamp to its confluence with the Nottoway River, Section 2, S Greensville, Southampton, and Sussex Counties

Warwick Swamp from its headwaters to its confluence with the Blackwater River, Section 2, Prince George and Sussex Counties

WATER QUALITY STANDARDS

White Oak Swamp from its headwaters to the mouth of Butterwood Creek, Section 2, Dinwiddie County

Chowan and Dismal Swamp, Albemarle Sound Subbasin

Great Dismal Swamp, including Lake Drummond and all feeder ditches within the National Wildlife Refuge, Section 3, Chesapeake and Suffolk

Nawney Creek from its headwaters to its mouth, Section 1, Virginia Beach

North Landing River from its headwaters at the Great Bridge Locks to the terminus of the Intracoastal Waterway at the North Landing River, Section 1, Chesapeake

Northwest River from the headwaters to one mile downstream of Route 168 Section 1C, Chesapeake

Unnamed tributary to the Northwest River from its headwaters to its confluence with the Northwest River, Section 1C, Chesapeake

West Neck Creek from one mile upstream of Princess Anne Road (Route 149) to one mile downstream of Indian River Road (Route 407), Section 1A, Virginia Beach

Chesapeake Bay, Atlantic Ocean and Small Coastal Basins

Hungars Creek from one mile upstream of Route 622 to one mile downstream, Section 2, Northampton County

Messongo Creek from 0.5 mile upstream of Route 692 to 0.5 mile downstream, Section 2, Accomack County

Mill Creek from its headwaters to 0.64 mile downstream of Route 600, Section 1b, Northampton County

Unnamed tributary at river mile 12.12 of the Piankatank River, from its headwaters to its mouth, Section 2D, Middlesex County

York River Basin

Clark Swamp from its headwaters to Walkerton Millpond, Section 3, King and Queen County

Cohoke Mill Creek from its headwaters to Cohoke Millpond, Section 3, King William County

Dickeys Swamp in its entirety downstream of Dogwood Fork, Section 3, King and Queen County

Dogwood Fork from its headwaters to its mouth, Section 3, King and Queen County

Heartquake Creek from an unnamed tributary at river mile 4 to its mouth, Section 1 and 3, King and Queen County

Hobby Swamp from its headwaters to its mouth, Section 3, Caroline County

Jacks Creek from its headwaters to its mouth at the Pamunkey River, Section 3, King William County

King Creek from 0.5 mile upstream of Colonial National Historical Parkway crossing to 0.5 mile downstream, Section 2, York County

Queen Creek from 0.5 mile upstream of Route 716 landing to 0.5 mile downstream, Section 2, York County

WATER QUALITY STANDARDS

Tastine Swamp from the Route 611 bridge to Corbins Pond, Section 2, King and Queen County

Unnamed tributary at river mile 3.66 of Garnetts Creek from its headwaters to its mouth, Section 3, King and Queen County

Unnamed tributary at river mile 17.01 of the Mattaponi River from its headwaters to its mouth, Section 3, King William County

Walkerton Branch from its headwaters to Walkerton Millpond, Section 3, King and Queen County

9 VAC 25-260-380. Special standards column.

- B. Natural variation. In some cases natural water quality does not fall within the criteria set by these standards. (For example streams in some areas of the state may naturally exceed the usual pH range of 6.0 to 9.0.) In these instances the board may have set more appropriate criteria that reflect natural quality, and this special limit is shown in the special standards column.

Special standard 9 VAC 25-260-310.y(2) contains a list of waters naturally low in dissolved oxygen due to minimal flow velocity and decomposition of vegetation. If a section in the River Basin Section Tables contains a water body that is listed in this special standard, the special standards column indicates this with the letter “y”. The appropriate waterway can be found listed in 9 VAC 25-260-310.y(2). The entire section is not naturally low in dissolved oxygen, only that portion specifically listed in 9 VAC 25-260-310.y(2).

9 VAC 250-260-390. Potomac River Basin (Potomac River Subbasin)

SEC.	CLASS	SP. STDS.	SECTION DESCRIPTION
1	II	a	Tidal tributaries of the Potomac River from Smith Point to Upper Machodoc Creek (Baber Point).
1a	III	γ	All free flowing portions of tributaries to the Potomac River from Smith Point to the Route 301 Bridge in King George County unless otherwise designated in this chapter.
1b	III	b,NEW-12	All free flowing portions of tributaries to the Potomac River from the Route 301 Bridge in King George County to, and including, Potomac Creek, unless otherwise designated in this chapter.
1c	III	PWS,b,NEW-12	Potomac Creek and its tributaries from the Stafford County water supply dam (Able Lake Reservoir) to their headwaters.
2	II	a,NEW-14	Tidal Upper Machodoc Creek and the tidal portions of its tributaries.
2a	III	NEW-14	Free flowing portions of Upper Machodoc Creek and its tributaries.
3	II	b,NEW-12	Tidal portions of the tributaries to the Potomac River from the Route 301 Bridge in King George County to Marlboro Point.
4	II	b,d,NEW-6	Tidal portions of the tributaries to the Potomac River from Marlboro Point to Brent Point (to include Aquia Creek and its tributaries).
4a	III	b,d,NEW-6	Free flowing portions of tributaries to the Potomac River in Section 4 up to the Aquia Sanitary District Water Impoundment.
4b	III	PWS,b,d,NEW-6	Aquia Creek from the Aquia Sanitary District Water Impoundment, and other tributaries into the impoundment, including Beaverdam Run and the Lunga Reservoir upstream to their headwaters.
5	II	b	Tidal portions of tributaries to the Potomac River from Brent Point to Shipping Point, including tidal portions of Chopawamsic Creek and its tidal tributaries.
5a	III	b	Free flowing portions of Chopawamsic Creek and its tributaries to Quantico Marine Base water supply dam.
5b	III	PWS,b	Chopawamsic Creek and its tributaries above the Quantico Marine Base water supply intakes at the Gray and Breckenridge Reservoirs to their headwaters.
6	II	b,NEW-7,8,9,10,11,13	Tidal portions of tributaries to the Potomac River from Shipping Point to Chain Bridge.
7	III	b,NEW-7,8,9,10,11,13	Free flowing portions of tributaries to the Potomac River from Shipping Point to Chain Bridge, unless otherwise designated in this chapter.
7a	III	g	Occoquan River and its tributaries to their headwaters above

			Fairfax County Water Authority's water supply impoundment, unless otherwise designated in this chapter.
7b	III	PWS,g	The impounded waters of Occoquan River above the water supply dam of the Fairfax County Water Authority to backwater of the impoundment on Bull Run and Occoquan River, and the tributaries of Occoquan above the dam to a point 5 miles above the dam.
7c	III	PWS,g	Broad Run and its tributaries above the water supply dam of the City of Manassas upstream to a point 5 miles above the dam.
7d	III	PWS,g	The impounded waters of Lake Jackson, Broad Run, and Cedar Run.
7e	III	PWS,g	Cedar Run from the Town of Warrenton's raw water intake (just upstream of Route 672) to a point 5 miles upstream of the proposed multiple purpose structure near Airlie (Fauquier County).
7f	III	PWS,g	The Quantico Marine Base Camp Upshur and its tributaries' raw water intake on Cedar Run (located approximately 0.2 mile above its confluence with Lucky Run) to a point 5 miles upstream.
7g	III	PWS,g	The proposed impounded waters of Licking Run above the multiple purpose impoundment structure in Licking Run near Midland (Fauquier County) upstream to a point 5 miles above the proposed impoundment.
7h	III	PWS,g	The proposed impounded waters of Cedar Run above the proposed multiple purpose impoundment structure on the main stem of Cedar Run near Auburn (Fauquier County), to a point 5 miles above the impoundment.
8	III	PWS	Tributaries to the Potomac River in Virginia between Chain Bridge and the Monacacy River from their confluence with the Potomac upstream 5 miles, to include Goose Creek to the City of Fairfax's raw water intake, unless otherwise designated in this chapter.
8a	VI	PWS	Big Spring Creek and its tributaries in Loudoun County, from its confluence with the Potomac River upstream to their headwaters. (The temperature standard for natural trout water may be exceeded in the area above Big Spring and Little Spring at Routes 15 and 740 due to natural conditions). This section was given a PWS designation due to the Town of Leesburg's intake on the Potomac as referenced in Section 8b below.

WATER QUALITY STANDARDS

8b	III	PWS	Those portions of Virginia tributaries into the Potomac River that are within a 5 mile distance upstream of the Town of Leesburg's intake on the Potomac River, unless otherwise designated in this chapter.*
8c	III	PWS	Those portions of Virginia tributaries into the Potomac River that are within a 5 mile distance upstream of the County of Fairfax's intake on the Potomac River.*
9	III		Broad Run, Sugarland Run, Difficult Run, Tuscarora Creek, Sycoline Creek, and other streams tributary to streams in Section 8 from a point 5 miles above their confluence with the Potomac River to their headwaters, unless otherwise designated in this chapter.
9a	III	PWS	All the impounded water of Goose Creek from the City of Fairfax's water supply dam upstream to backwater, and its tributaries above the dam to a point 5 miles above the dam.
9b	III	PWS	The Town of Round Hill's raw water intake at the Round Hill Reservoir, and including the two spring impoundments located northwest of the town on the eastern slope of the Blue Ridge Mountains.
9c	III	PWS	Unnamed tributary to Goose Creek, from Camp Highroad's raw water intake (Loudoun County) located in an old quarry (at latitude 39E02'02"; longitude 77E40'49") to its headwaters.
10	III		Tributaries of the Potomac River from the Monacacy River to the West Virginia-Virginia state line in Loudoun County, from their confluence with the Potomac River upstream to their headwaters, unless otherwise designated in this chapter.
10a	III	PWS	North Fork Catoclin Creek from Purcellville's raw water intake to its headwaters.
10b	III		South Fork Catoclin Creek and its tributaries from its confluence with the North Fork Catoclin Creek to its headwaters.
11	IV	pH-6.5-9.5	Tributaries of the Potomac River in Frederick and Clarke Counties, Virginia, unless otherwise designated in this chapter.
	V	pH-6.5-9.5	Stockable Trout Waters in Section 11
	***		Back Creek (upper) from Rock Enon 4 miles upstream.
	***		Back Creek (lower) from Route 600 to the mouth of Hogue Creek - 2 miles.
	***		Hogue Creek from Route 679 upstream 6 miles to the Forks below Route 612.
	vi		Opequon Creek (in Frederick County) from its confluence with Hoge Run upstream to the point at which Route 620 first

			crosses the stream.
	vi		Turkey Run (Frederick County) from its confluence with Opequon Creek 3.6 miles upstream.
	VI	pH-6.5-9.5	Natural Trout Waters in Section 11
	ii		Bear Garden Run from its confluence with Sleepy Creek 3.1 miles upstream.
	iii		Redbud Run from its confluence with Opequon Creek 4.4 miles upstream.
11a	IV	pH-6.5-9.5	Hot Run and its tributaries from its confluence with Opequon Creek to its headwaters.
	V	pH-6.5-9.5	Stockable Trout Waters in Section 11a
	vi		Clearbrook Run from its confluence with Hot Run 2.1 miles upstream.
12	IV	pH-6.5-9.5	South Branch Potomac River and its tributaries, such as Strait Creek, and the North Fork River and its tributaries from the Virginia-West Virginia state line to their headwaters.
	V		Stockable Trout Waters in Section 12
	vi		Frank Run from its confluence with the South Branch Potomac River 0.8 mile upstream.
	vii		South Branch Potomac River (in Highland County) from 69.2 miles above its confluence with the Potomac River 4.9 miles upstream.
	vi		Strait Creek (Highland County) from its confluence with the South Branch Potomac River 3.9 miles upstream.
	VI		Natural Trout Waters in Section 12
	ii		Blights Run from its confluence with Laurel Fork (Highland County) upstream including all named and unnamed tributaries.
	ii		Buck Run (Highland County) from its confluence with Laurel Fork upstream including all named and unnamed tributaries.
	ii		Collins Run from its confluence with Laurel Fork upstream including all named and unnamed tributaries.
	ii		Laurel Fork (Highland County) from 1.9 miles above its confluence with the North Fork South Branch Potomac River upstream including all named and unnamed tributaries.
	ii		Locust Spring Run from its confluence with Laurel Fork upstream including all named and unnamed tributaries.
	ii		Lost Run from its confluence with Laurel Fork upstream including all named and unnamed tributaries.
	ii		Mullenax Run from its confluence with Laurel Fork upstream including all named and unnamed tributaries.

ii

Newman Run from its confluence with Laurel Fork upstream including all named and unnamed tributaries.

ii

Slabcamp Run from its confluence with Laurel Fork upstream including all named and unnamed tributaries.

9 VAC 25-260-410. James River Basin (Lower).

SEC.	CLASS	SP. STDS.	SECTION DESCRIPTION
1	II	a, <u>y</u> NEW-19	James River and its tidal tributaries from Old Point Comfort - Fort Wool to Barrets Point (Buoy 64), except prohibited or spoil areas, unless otherwise designated in this chapter.
1a	III	NEW-19	Free flowing or non-tidal portions of streams in Section 1, unless otherwise designated in this chapter.
1b	II	a,NEW-19	Eastern Branch of the Elizabeth River and tidal portions of its tributaries from its confluence with the Elizabeth River to the end of tidal waters.
1c	III	NEW-19	Free flowing portions of the Eastern Branch of the Elizabeth River and its tributaries.
1d	II	a,NEW-19	Southern Branch of the Elizabeth River from its confluence with the Elizabeth River to the lock at Great Bridge.
1e	III	NEW-19	Free flowing portions of the Western Branch of the Elizabeth River and of the Southern Branch of the Elizabeth River from their confluence with the Elizabeth River to the lock at Great Bridge.
1f	II	a,NEW-19	Nansemond River and its tributaries from its confluence with the James River to Suffolk (dam at Lake Meade), unless otherwise designated in this chapter.
1g	III	NEW-19	Shingle Creek from its confluence with the Nansemond River to its headwaters in the Dismal Swamp.
1h	III	PWS,NEW-19	Lake Prince, Lake Burnt Mills and Western Branch impoundments for Norfolk raw water supply and Lake Kilby - Cahoon Pond, Lake Meade and Lake Speight impoundments for Portsmouth raw water supply and including all tributaries to these impoundments.
1i	III	NEW-19	Free flowing portions of the Pagan River and its free flowing tributaries.
1j			(Deleted)
1k	III	PWS,NEW-19	Skiffes Creek Reservoir (Newport News water impoundment).
1l	III	PWS,NEW-19	The Lone Star lakes and impoundments in the City of Suffolk, Chuckatuck Creek watershed which serve as a water source for the City of Suffolk.
1m	III	PWS,NEW-19	The Lee Hall Reservoir system, near Skiffes Creek and the Warwick River, in the City of Newport News.
1n	III	PWS,NEW-19	Chuckatuck Creek and its tributaries from Suffolk's raw water intake (at Godwin's Millpond) to a point 5 miles upstream.

9 VAC 25-260-420. James River Basin (Middle).

WATER QUALITY STANDARDS

SEC.	CLASS	SP. STDS.	SECTION DESCRIPTION
2	II	NEW-18,19	James River and its tidal tributaries from Buoy 64 near Barrets Point upstream to the fall line at Richmond, to include the Chickahominy River and its tidal tributaries from the mouth upstream to Walkers Dam and the Appomattox River and its tidal tributaries from the mouth upstream to the head of tidal waters (approximately at the Route 1/301 Bridge across the Appomattox), unless otherwise designated in this chapter.
2a	II	PWS,NEW-18	James River from City Point to a point 5 miles above American Tobacco Company's raw water intake and the Appomattox River and its tidal tributaries from its mouth to 5 miles upstream of Virginia-American Water Company's raw water intake.
2b	III	PWS,NEW-18	Free flowing tributaries to Section 2a.
3	III	NEW-18,19	Free flowing tributaries of the James River from Buoy 64 to Brandon and free flowing tributaries of the Chickahominy River to Walkers Dam, unless otherwise designated in this chapter.
3a	III	<u>y</u> PWS,NEW-18	Diascund Creek and its tributaries from Newport News' raw water intake dam to its headwaters.
3b	III	PWS,NEW-18	Little Creek Reservoir and its tributaries from the City of Newport News impoundment dam to 5 miles upstream of the raw water intake.
4	III	m, <u>y</u> NEW-18	Chickahominy River and its tributaries from Walkers Dam to Bottoms Bridge (Route 60 bridge), unless otherwise designated in this chapter.
4a	III	PWS,m,NEW-18	Chickahominy River from Walkers Dam to a point 5 miles upstream.
5	III	m, <u>y</u>	Chickahominy River and its tributaries, unless otherwise designated in this chapter, from Bottoms Bridge (Route 60 bridge) to its headwaters.
6	III	<u>y</u> NEW-2	Appomattox River from the head of tidal waters, and free flowing tributaries to the Appomattox River, to their headwaters, unless otherwise designated in this chapter.
6a			(Deleted)
6b	III		Swift Creek and its tributaries from the dam at Pocahontas State Park upstream to Chesterfield County's raw water impoundment dam.
6c	III	<u>y</u> PWS	Swift Creek and its tributaries from Chesterfield County's raw water impoundment dam to a point 5 miles upstream.
6d			(Deleted)
6e	III	PWS,NEW-2	Appomattox River and its tributaries from Appomattox River Water Authority's raw water intake located at the dam at Lake

			Chesdin to the headwaters of the lake.
6f			(Deleted)
6g	III	PWS	The Appomattox River and its tributaries from Farmville's raw water intake (approximately 2.5 miles above the Route 15/45 bridge) to a point 5 miles upstream.
7	III		Free flowing tributaries to the James River from Brandon to the fall line at Richmond, unless otherwise designated in this chapter.
7a			(Deleted)
8	III		James River and its tributaries from the low water dam above 14th Street Bridge to Richmond's raw water intake at Williams Island Dam.
9	III	PWS,n	James River and its tributaries, unless otherwise designated in this chapter, from Richmond's raw water intake at Williams Island Dam to river mile 127.26 (at latitude 37E35'24"; longitude 77E42'33") near public landing site, inclusive of Henrico County's raw water intake (at latitude 37E33'32"; longitude 77E37'16") and St. John's Hospital's raw water intake (at latitude 37E34'33"; longitude 77E40'39").
9a	III	PWS,o	Tuckahoe Creek and its tributaries from its confluence with the James River to its headwaters.
10	III	NEW-3	James River and its tributaries from a point at latitude 37E40'32"; longitude 77E54'08" to, and including the Rockfish River, unless otherwise designated in this chapter.
	V		Stockable Trout Waters in Section 10
	vii		Lynch River from the upper Route 810 crossing near the intersection of Route 628 2.9 miles upstream (to Ivy Creek).
	***		Rockfish Creek from its confluence with the South Fork Rockfish River to its headwaters.
	VI		Natural Trout Waters in Section 10
	ii		Doyles River from 6.4 miles above its confluence with Moormans River above Browns Cove at Route 629 including all named and unnamed tributaries.
	iii		Fork Hollow from its confluence with Ivy Creek upstream including all named and unnamed tributaries.
	iii		Ivy Creek (Greene County) from its confluence with the Lynch River upstream including all named and unnamed tributaries.
	ii		Jones Falls Run from its confluence with Doyles River upstream including all named and unnamed tributaries.
	ii		Little Stony Creek (Nelson County) from its confluence with Stony Creek upstream including all named and unnamed

			tributaries.
	iv		Mill Creek (Nelson County) from its confluence with Goodwin Creek upstream including all named and unnamed tributaries.
	ii		Mutton Hollow from its confluence with Swift Run upstream including all named and unnamed tributaries.
	iv		Pauls Creek (Nelson County) from 1.3 miles above its confluence with the North Fork Rockfish River upstream including all named and unnamed tributaries.
	iv		Rodes Creek from its confluence with Goodwin Creek upstream including all named and unnamed tributaries.
	ii		South Fork Rockfish River from 8 miles above its confluence with the Rockfish River upstream including all named and unnamed tributaries.
	ii		Spruce Creek (Nelson County) from 1.5 miles above its confluence with the South Fork Rockfish River upstream including all named and unnamed tributaries.
	ii		Stony Creek (Nelson County) from 1 mile above its confluence with the South Fork Rockfish River upstream including all named and unnamed tributaries.
	ii		Swift Run from 14.5 miles above its confluence with the North Fork Rivanna River upstream including all named and unnamed tributaries.
10a	III	PWS	James River at river mile 127.26 near the public landing site and its tributaries from, and including, Little River to 5 miles above State Farm's raw water intake, including Beaverdam and Courthouse Creeks, to their headwaters.
10b	III	PWS	Deep Creek and its tributaries from St. Emma's Military Academy's raw water intake to a point 5 miles upstream.
10c	III		Willis River and its tributaries within Cumberland State Forest.
10d	III	PWS	Johnson Creek above the Schuyler (Nelson County Service Authority) raw water intake to its headwaters.
10e	III	PWS	Totier Creek and its tributaries from the Scottsville (Rivanna Water and Sewer Authority) raw water intake to their headwaters (including the Reservoir).
10f	III		Powell Creek and its tributaries from its confluence with the Rivanna River upstream to their headwaters.
10g	III	PWS,NEW-3	Beaver Creek and its tributaries from the Crozet (Rivanna Water and Sewer Authority) raw water intake upstream to their headwaters (including the reservoir).
10h	III	PWS,NEW-3	Mechums River and its tributaries from the Rivanna Water and Sewer Authority's raw water intake to a point 5 miles upstream.

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10i	III	PWS,NEW-3	Moormans River and its tributaries from the Rivanna Water and Sewer Authority's raw water intake to a point 5 miles upstream (including Sugar Hollow Reservoir).
	VI		Natural Trout Waters in Section 10i
	ii		North Fork Moormans River from its confluence with Moormans River upstream including all named and unnamed tributaries.
	ii		Pond Ridge Branch from its confluence with the North Fork Moormans River upstream including all named and unnamed tributaries.
	iii		South Fork Moormans River from its confluence with Moormans River upstream including all named and unnamed tributaries.
10j	III	PWS,NEW-3	South Fork Rivanna River and its tributaries to their headwaters; except Ivy Creek, from the Rivanna Water and Sewer Authority's South Fork Rivanna River Dam to the confluence of the South Fork Rivanna River and Moormans River, and Ivy Creek to a point 5 miles above the dam.
10k	III	PWS	James River and its tributaries from Fork Union Sanitary District's raw water intake (just below the Route 15 bridge) to a point 5 miles upstream, including the Slate River to a point 5 miles above the intake.
10l	III		Lake Monticello in Fluvanna County.
10m	III	PWS	Rivanna River and its tributaries from the raw water intake for Lake Monticello (about 2.76 miles above the Route 600 bridge in Fluvanna County) to a point 5 miles upstream.
10n	III	PWS	Ragged Mountain Reservoir (intake for the Rivanna Water and Sewer Authority) including its tributaries to their headwaters.
10o	III	PWS	The North Fork Rivanna River and its tributaries from the Rivanna Water and Sewer Authority's raw water intake (approximately 1/4 mile upstream of the U. S. Route 29 bridge north of Charlottesville) to a point 5 miles upstream.
10p	III	PWS	Troublesome Creek in Buckingham County from Buckingham County's raw water intake point at a flood control dam south of the Route 631 bridge to a point 5 miles upstream.
10q	III	PWS	Allen Creek and its tributaries from the Wintergreen Mountain Village's primary raw water intake at Lake Monocan at latitude 37°54'15"; longitude 78°52'10" to a point upstream at latitude 37°53'59"; longitude 78°53'14".
10r	III	PWS	Stony Creek from the diversion structure at latitude 37°54'00"; longitude 78°53'47" to its headwaters inclusive of the Stony

10s III PWS

Creek raw water intake just upstream of the Peggy's Pinch booster pump station.

Mechunk Creek and its tributaries from the Department of Corrections raw water intake (at the US Route 250 bridge 37°58'57.6", 78°18'48.1") to points 5 miles upstream.

9 VAC 25-260-440. Rappahannock River Basin.

SEC.	CLASS	SP. STDS.	SECTION DESCRIPTION
1	II	a,NEW-15,16	Rappahannock River and the tidal portions of its tributaries from Stingray and Windmill Points to Route 1 Alternate Bridge at Fredericksburg.
1a	II	NEW-16	Hoskins Creek from the confluence with the Rappahannock River to its tidal headwaters.
2	III	<u>y</u> NEW-15,16	Free flowing tributaries of the Rappahannock from Stingray and Windmill Points upstream to Blandfield Point, unless otherwise designated in this chapter.
3	III	q	The Rappahannock River from the Route 1 Alternate Bridge at Fredericksburg upstream to the low dam water intake at Waterloo (Fauquier County).
3a	III	PWS,q	The main stem of the Rappahannock River from the low dam water intake at Waterloo, Fauquier County, to the headwaters of the Rappahannock River.
4	III	q, <u>y</u> NEW-15	Free flowing tributaries of the Rappahannock from Blandfield Point to its headwaters, unless otherwise designated in this chapter.
	V	q	Stockable Trout Waters in Section 4
	***		Hughes River (Madison County) from Route 231 upstream to the upper crossing of Route 707 near the confluence of Rocky Run.
	***		Robinson River from Route 231 to river mile 26.7.
	***		Rose River from its confluence with the Robinson River 2.6 miles upstream.
	***		South River from 5 miles above its confluence with the Rapidan River 3.9 miles upstream.
	VI	q	Natural Trout Waters in Section 4
	ii		Berry Hollow from its confluence with the Robinson River upstream including all named and unnamed tributaries.
	li		Bolton Branch from 1.7 miles above its confluence with Hittles Mill Stream upstream including all named and unnamed tributaries.
	li		Broad Hollow Run from its confluence with Hazel River upstream including all named and unnamed tributaries.
	I		Brokenback Run from its confluence with the Hughes River upstream including all named and unnamed tributaries.
	I		Bush Mountain Stream from its confluence with the Conway River upstream including all named and unnamed tributaries.

- I Cedar Run (Madison County) from 0.8 mile above its confluence with the Robinson River upstream including all named and unnamed tributaries.
- I Conway River (Greene County) from the Town of Fletcher upstream including all named and unnamed tributaries.
- ii Dark Hollow from its confluence with the Rose River upstream including all named and unnamed tributaries.
- I Devils Ditch from its confluence with the Conway River upstream including all named and unnamed tributaries.
- iii Entry Run from its confluence with the South River upstream including all named and unnamed tributaries.
- iii Garth Run from 1.9 miles above its confluence with the Rapidan River at the Route 665 crossing upstream including all named and unnamed tributaries.
- ii Hannah Run from its confluence with the Hughes River upstream including all named and unnamed tributaries.
- ii Hazel River (Rappahannock County) from 38.6 miles above its confluence with the Rappahannock River upstream including all named and unnamed tributaries.
- ii Hogcamp Branch from its confluence with the Rose River upstream including all named and unnamed tributaries.
- i Hughes River (Madison County) from the upper crossing of Route 707 near the confluence of Rocky Run upstream including all named and unnamed tributaries.
- iii Indian Run (Rappahannock County) from 3.4 miles above its confluence with the Jordan River upstream including all named and unnamed tributaries.
- ii Jordan River (Rappahannock County) from 10.9 miles above its confluence with the Rappahannock River upstream including all named and unnamed tributaries.
- iii Kinsey Run from its confluence with the Rapidan River upstream including all named and unnamed tributaries.
- ii Laurel Prong from its confluence with the Rapidan River upstream including all named and unnamed tributaries.
- ii Mill Prong from its confluence with the Rapidan River upstream including all named and unnamed tributaries.
- ii Negro Run (Madison County) from its confluence with the Robinson River upstream including all named and unnamed tributaries.
- ii North Fork Thornton River from 3.2 miles above its confluence with the Thornton River upstream including all named and

			unnamed tributaries.
	ii		Piney River (Rappahannock County) from 0.8 mile above its confluence with the North Fork Thornton River upstream including all named and unnamed tributaries.
	ii		Pocosin Hollow from its confluence with the Conway River upstream including all named and unnamed tributaries.
	ii		Ragged Run from 0.6 mile above its confluence with Popham Run upstream including all named and unnamed tributaries.
	i		Rapidan River from Graves Mill (Route 615) upstream including all named and unnamed tributaries.
	ii		Robinson River (Madison County) from river mile 26.7 to river mile 29.7.
	i		Robinson River (Madison County) from river mile 29.7 upstream including all named and unnamed tributaries.
	i		Rose River from river mile 2.6 upstream including all named and unnamed tributaries.
	iv		Rush River (Rappahannock County) from the confluence of Big Devil Stairs (approximate river mile 10.2) upstream including all named and unnamed tributaries.
	ii		Sams Run from its confluence with the Hazel River upstream including all named and unnamed tributaries.
	ii		South River from 8.9 miles above its confluence with the Rapidan River upstream including all named and unnamed tributaries.
	ii		Sprucepine Branch from its confluence with Bearwallow Creek upstream including all named and unnamed tributaries.
	i		Staunton River (Madison County) from its confluence with the Rapidan River upstream including all named and unnamed tributaries.
	ii		Strother Run from its confluence with the Rose River upstream including all named and unnamed tributaries.
	iii		Thornton River (Rappahannock County) from 25.7 miles above its confluence with the Hazel River upstream including all named and unnamed tributaries.
	ii		Wilson Run from its confluence with the Staunton River upstream including all named and unnamed tributaries.
4a			(Deleted)
4b	III	PWS,q	The Rappahannock River and its tributaries, to include the VEPCO Canal, from Fredericksburg's raw water intake to a point 5 miles upstream.
4c	III	PWS,q	Motts Run and its tributaries.

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4d	III	q	Horsepen Run and its tributaries.
4e	III	PWS,q	Hunting Run and its tributaries.
4f	III	q	Wilderness Run and its tributaries.
4g	III	q	Deep Run and its tributaries.
4h			(Deleted)
4i	III	PWS,q	Mountain Run from Culpeper's raw water intake to its headwaters.
4j	VI	PWS,q	White Oak Run from the Town of Madison's raw water intake upstream to its headwaters.
4k	III	PWS,q	Rapidan River from Orange's raw water intake upstream 5 miles.
4l	III	PWS,q	Rapidan River and its tributaries from the Rapidan Service Authority's raw water intake (just upstream of the Route 29 bridge) upstream to a point 5 miles above the intake.
4m	III	PWS,q	Rapidan River and its tributaries from the Wilderness Shores raw water intake (38E22'30", 77E44'50", Orange County - Rapidan Service Authority) to a point 5 miles upstream.

9 VAC 25-260-470. Chowan and Dismal Swamp.

Chowan River Subbasin

SEC.	CLASS	SP. STDS.	SECTION DESCRIPTION
1	II	<u>y</u> NEW-21	Blackwater River and its tidal tributaries from the Virginia-North Carolina state line to the end of tidal waters at approximately State Route 611 at river mile 20.90; Nottoway River and its tidal tributaries from the Virginia-North Carolina state line to the end of tidal waters at approximately Route 674.
2	III	<u>y</u> NEW-21	Blackwater and Nottoway Rivers from the end of tidal waters to their headwaters and their free-flowing tributaries in Virginia, unless otherwise designated in this chapter.
2a	III	PWS	Blackwater River and its tributaries from Norfolk's auxiliary raw water intake near Burdette, Virginia, to a point 5 miles above the raw water intake, to include Corrowaugh Swamp to a point 5 miles above the raw water intake.
2b			(Deleted)
2c	III	<u>y</u> PWS	Nottoway River and its tributaries from Norfolk's auxiliary raw water intake near Courtland, Virginia, to a point 5 miles upstream.
2d			(Deleted)
2e	III	PWS	Nottoway River from the Georgia-Pacific and the Town of Jarratt's raw water intakes near Jarratt, Virginia, to a point 5 miles above the intakes.
2f	III	PWS	Nottoway River and its tributaries from Camp Pickett's raw water intake to a point 5 miles above the raw water intake.
2g	III	PWS	Lazaretto Creek and its tributaries from Crewe's raw water intake to a point 5 miles upstream.
2h	III	PWS	Modest Creek and its tributaries from Victoria's raw water intake to their headwaters.
2i	III	PWS	Nottoway River and its tributaries from the Town of Victoria's raw water intake at the Falls (about 200 feet upstream from State Route 49) to a point 5 miles upstream.
2j	III	PWS	Big Hounds Creek from the Town of Victoria's auxiliary raw water intake (on Lunenburg Lake) to its headwaters.
3	III	<u>y</u>	Meherrin River and its tributaries in Virginia from the Virginia-North Carolina state line to its headwaters.
3a	III	PWS	Meherrin River and its tributaries from Emporia's water supply dam to a point 5 miles upstream.
3b	III	PWS	Great Creek from Lawrenceville's raw water intake to a point 7.6 miles upstream.
3c	III	PWS	Meherrin River from Lawrenceville's raw water intake to a point 5

			miles upstream.
3d	III	PWS	Flat Rock Creek from Kenbridge's raw water intake upstream to its headwaters.
3e	III	PWS	Meherrin River and its tributaries from South Hill's raw water intake to a point 5 miles upstream.
3f	III		Couches Creek from a point 1.6 miles downstream from the Industrial Development Authority discharge to its headwaters.

9 VAC 25-260-480. Chowan and Dismal Swamp.

Albemarle Sound Subbasin

SEC.	CLASS	SP. STDS.	SECTION DESCRIPTION
1	II	y	Back Bay and its tributaries in the City of Virginia Beach to the Virginia-North Carolina state line and the Northwest River and its tidal tributaries from the Virginia-North Carolina state line to the free flowing portion, unless otherwise designated in this chapter and North Landing River and its tidal tributaries from the Virginia-North Carolina state line to the Great Bridge Lock.
1a	III	y	The free flowing portions of streams in Section 1 and tributaries of Stumpy Lake.
1b	III	PWS	Stumpy Lake (raw water supply for the City of Norfolk) and feeder streams to a point 5 miles upstream.
1c	II	y,PWS	Northwest River and its tributaries from the City of Chesapeake's raw water intake to a point 5 miles upstream and a point 5 miles downstream.
2	III		Intracoastal Waterway (portions not described in Section 1).
3	III	y	Lake Drummond, including feeder ditches, and all interstate tributaries of the Dismal Swamp between Virginia and North Carolina.

9 VAC 25-260-520. Chesapeake Bay, Atlantic Ocean and Small Coastal Basins.

SEC.	CLASS	SP. STDS.	SECTION DESCRIPTION
1	I	a	The Atlantic Ocean from Cape Henry Light (Latitude 36E55'06" North; Longitude 76E00'04" West) east to the three mile limit and south to the North Carolina state line. The Atlantic Ocean from Cape Henry Light to Thimble Shoal Channel (Latitude 36E57'30" North; Longitude 76E02'30" West) from Thimble Shoal Channel to Smith Island (Latitude 37E07'04" North; Longitude 75E54'04" West) and north to the Virginia-Maryland state line.
1a	III		All free flowing portions of the streams, creeks and coves in Section 1 east of the east-west divide boundary on the Eastern Shore of Virginia.
1b	II	a,y	Tidal portions of streams, creeks and coves in Section 1 east of the east-west divide boundary on the Eastern Shore of Virginia.
2	II	a,y,NEW-20	Chesapeake Bay and its tidal tributaries from Old Point Comfort Tower (Latitude 37E00'00" North; Longitude 76E18'08" West) to Thimble Shoal Light (Latitude 37E00'09" North; Longitude 76E14'04" West) to and along the south side of Thimble Shoal Channel to its eastern end (Latitude 36E57'03" North; Longitude 76E02'03" West) to Smith Island (Latitude 37E07'04" North; Longitude 75E54'04" West) north to the Virginia-Maryland border following the east-west divide boundary on the Eastern Shore of Virginia, west along the Virginia-Maryland border, to the Virginia Coast, (Latitude 37E53'23" North; Longitude 76E14'25" West) and south following the Virginia Coast to Old Point Comfort Tower (previously described), unless otherwise designated in this chapter.
2a	III		Free flowing portions of streams lying on the Eastern Shore of Virginia west of the east-west divide boundary unless otherwise designated in this chapter.
2b	III		Drummonds Millpond including Coards Branch.
2c	III		The Virginia Department of Agriculture experimental station pond and its tributaries.
2d	III	y	The free flowing streams tributary to the western portion of the Chesapeake Bay lying between the Virginia-Maryland state line and Old Point Comfort.
2e	III	PWS	Harwood's Mill Reservoir (in Poquoson River's headwaters - a source of water for the City of Newport News) and its tributaries.
2f	III	PWS	Brick Kiln Creek and its tributaries from Fort Monroe's raw water intake (at the Big Bethel Reservoir) to a point 5 miles upstream.

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2g	III	PWS	Beaverdam Swamp and its tributaries (including Beaverdam Swamp Reservoir) from the Gloucester County Water System raw water intake (at latitude 37E26'23"; longitude 76E32'47") to its headwaters.
3	II	a,NEW-20	Chesapeake Bay from Old Point Comfort Tower (Latitude 37E00'00" North; Longitude 76E18'08" West) to Thimble Shoal Light (Latitude 37E00'09" North; Longitude 76E14'04" West) along the south side of Thimble Shoal Channel to Cape Henry Light (Latitude 36E55'06" North; Longitude 76E00'04" West).
3a	II	a,NEW-20	Little Creek from its confluence with Chesapeake Bay (Lynnhaven Roads) to end of navigable waters.
3b	II	a,NEW-20	Tidal portions of Lynnhaven watershed from its confluence with the Chesapeake Bay (Lynnhaven Roads) to and including Lynnhaven Bay, Western Branch Lynnhaven River, Eastern Branch Lynnhaven River, Long Creek, Broad Bay and Linkhorn Bay, Thalia Creek and its tributaries to the end of tidal waters. Great Neck Creek and Little Neck Creek from their confluence with Linkhorn Bay and their tidal tributaries. Rainey Gut and Crystal Lake from their confluence with Linkhorn Bay.
3c	III		Free flowing portions of streams in Section 3b, unless otherwise designated in this chapter.
3d	III	PWS	The impoundments on the Little Creek watershed including Little Creek Reservoir, Lake Smith, Lake Whitehurst, Lake Lawson, and Lake Wright.
3e	II	NEW-20	London Bridge Creek from its confluence with the Eastern Branch of Lynnhaven River to the end of tidal waters. Wolfsnare Creek from its confluence with the Eastern Branch Lynnhaven River to the fall line.
3f	III		Free flowing portions of London Bridge Creek and Wolfsnare Creek and their free flowing tributaries.
3g	III		Lake Joyce and Lake Bradford.

SEC.	CLASS	SP. STDS	SECTION DESCRIPTION
1	II	a, <u>y</u> NEW-17	York River and the tidal portions of its tributaries from Goodwin Neck and Sandy Point upstream to Thorofare Creek and Little Salem Creek near West Point; Mattaponi River and the tidal portions of its tributaries from Little Salem Creek to the end of tidal waters; Pamunkey River and the tidal portions of its tributaries from Thorofare Creek near West Point to the end of tidal waters.
2	III	<u>y</u> NEW-17	Free flowing tributaries of the York River, free flowing tributaries of the Mattaponi River to Clifton and the Pamunkey River to Romancoke, unless otherwise designated in this chapter.
2a	III	PWS,NEW-17	Waller Mill Reservoir and its drainage area above Waller Mill dam which serves as a raw water supply for the City of Williamsburg.
2b	III	PWS,NEW-17	Jones Pond (a tributary of Queen Creek near Williamsburg which serves as the raw water supply for Cheatham Annex Naval Station) and its tributaries to a point 5 miles upstream.
3	III	<u>y</u>	Free flowing portions of the Mattaponi and Pamunkey Rivers, free flowing tributaries of the Mattaponi above Clifton, and free flowing tributaries of the Pamunkey above Romancoke, unless otherwise designated in this chapter.
3a	III	PWS	South Anna River from Ashland's raw water intake to a point 5 miles upstream.
3b	III	PWS	Northeast Creek from the Louisa County Water Authority's impoundment dam (approximately 1/8 mile upstream of Route 33) to its headwaters.
3c	III		South Anna River from Route 15 upstream to a point 1.5 miles below the effluent from the Gordonsville Sewage Treatment Plant.
3d	III	PWS	Ni River and its tributaries from Spotsylvania's raw water intake near Route 627 to their headwaters.
3e	III	PWS	The North Anna River and its tributaries from Hanover County's raw water intake near Doswell (approximately 1/2 mile upstream from State Route 30) to a point 5 miles upstream.
3f	III	PWS	Stevens Mill Run from the Lake Caroline water impoundment, and other tributaries into the impoundment upstream to their headwaters.