Maryland's 2025 Triennial Review of Water Quality Standards

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Overview of the 2025 Triennial Review of Water Quality Standards

The Clean Water Act (CWA) requires that States review their water quality standards every three years (Triennial Review) and revise the standards as necessary. A water quality standard consists of three separate but related components:

1. **Designated Uses** that define goals for a water body. Examples of Designated Uses include support of aquatic life, drinking water supply or a coldwater fishery such as trout.
2. **Criteria** that support the Designated Uses. There are numerous criteria for chemical substances, bacteria, acidity and physical characteristics (e.g., temperature). Examples include dissolved oxygen concentrations sufficient to support aquatic life, metals in sufficiently low concentrations that they will not interfere with aquatic life, or temperature values to support reproducing trout populations.
3. **Antidegradation policy** that protects and maintains existing water quality. Maryland has a policy in place which is implemented through the Maryland Department of the Environment's regulations.

Maryland's water quality standards are found in the Code of Maryland regulations (COMAR) at 26.08.01 – 26.08.02. Maryland regulations may be accessed online at the Division of State Documents website: https://dsd.maryland.gov/Pages/default.aspx. Click on "View online" and enter the appropriate regulatory reference.

As part of Maryland's 2025 Triennial Review efforts, the Maryland Department of the Environment (MDE) reviewed all sections of water quality standards within COMAR 26.08.02. While amendments are proposed to certain standards as part of the current Triennial Review package, those existing, unamended standards remain valid and the Department maintains those standards in-force.

In the Department's review, MDE staff also considered adopting current nationally recommended water quality criteria, re-evaluated the State's restoration variances, and identified several future work items related to Maryland's designated and existing use classification system. These items are discussed in further detail in the sections immediately following. Actual amendments to Maryland's water quality standards are described later in the "Water Quality Standards Amendments" Section.

Nationally Recommended Water Quality Criteria Considered with Maryland's 2025 Triennial Review

2015 National Criteria for 94 human health criteria:
MDE adopted 69 of the 94 nationally recommended human health criteria during the 2019 Triennial Review. The remaining 25 criteria were evaluated in preparation of the current 2025 Triennial Review cycle, with the State proposing all 25 criteria for adoption. The changes to Code of Maryland Regulations are shown in the "Water Quality Standards Amendments: Water Quality Criteria" Section.

2016 National Criteria for Selenium:
MDE is continuing to evaluate the nationally recommended criteria for selenium to determine the appropriateness of these criteria to Maryland's waters.

National Criteria for Nutrients in Streams: MDE has conducted an extensive review of this subject. In 2007, MDE initiated a stream periphyton survey, attempting to identify stressor-response connections between periphyton growth and nutrient concentrations to develop scientifically defensible numeric nutrient criteria. The study was not able to provide strong relationships between periphyton community structure and nutrient loading due to multiple unknowns and confounding variables. In 2011, MDE contracted with the Interstate Commission of the Potomac River Basin (ICPRB) conducting a deeper analysis of linkages between nutrients with periphyton, phytoplankton, and benthic macroinvertebrates across the Mid-Atlantic region. ICPRB's analyses and MDE's review again found that confounding factors, such as site-specific temperatures, salinity, flow regimes, timing and fate, monitoring complexities, as well as extensive data gaps did not support scientifically defensible, State-wide nutrient criteria at that time.

More recently, the Department has been involved in EPA Region 3's coordination on the Algae User Perceptions Survey, a project that aims to tie visual recreational user perception of a waterbody with numeric nutrient thresholds to develop recommendations for a recreational-based criterion. Even though no numeric State-wide nutrient criteria are proposed for adoption as part of this Triennial Review, MDE continues to stay apprised on the latest science around nutrients and may consider adopting nutrient criteria if methodologies become available that are applicable to Maryland's surface waters.

Nutrients often exhibit their greatest impacts on aquatic life through indirect effects on dissolved oxygen (DO), algal and phytoplankton growth. Maryland's current water quality standards include statewide dissolved oxygen criteria as well as chlorophyll-a criteria. This 2025 Triennial Review package also plans to adopt the nationally recommended recreational criteria for microcystin and cylindrospermopsin, which can arise due to high algal growth and Harmful

Algal Bloom (HAB) development caused by nutrient enrichment. Each of these water quality criteria serve as valuable surrogates for nutrient criteria, reflecting ecological and environmental responses to eutrophication impacts.

2018 National Criteria for Aluminum: MDE is continuing to evaluate the updated national criteria for aluminum to determine the appropriateness of these criteria to Maryland's waters.

2019 National Criteria for Microcystin and Cylindrospermopsin:
MDE proposes to adopt the nationally recommended recreational criteria for microcystin and cylindrospermopsin with the 2025 Triennial Review of Water Quality Standards. The changes to Code of Maryland Regulations are shown in the "Water Quality Standards Amendments: Water Quality Criteria" Section.

2021 National Ambient Water Quality Criteria to Address Nutrient Pollution in Lakes and Reservoirs:
Maryland began reviewing the nationally recommended criteria and technical guidance documents for lake and reservoir nutrient criteria in 2022. Upon review of the criteria guidance documents, Maryland highlighted concerns with using the national, generalized criteria models for Maryland's impoundments due to applicability issues of the criteria to the smaller, man-made impoundment conditions typically found in Maryland. The Department will continue to keep abreast of the latest developments and any new guidance on the nutrient criteria for lakes and reservoirs. As staff time and resources allow, MDE may reach out to the EPA N-STEPs program to gather further information on the development of more State-specific nutrient criteria for Maryland impoundments.

While Maryland is not adopting the nationally recommended nutrient criteria for lakes and reservoirs at this time, Maryland is pursuing the adoption of other criteria relevant to recreational protection for lakes such as the nationally recommended microcystin and cylindrospermopsin recreational criteria in the current 2025 Triennial Review. Maryland also has established additional nutrient related criteria (i.e. dissolved oxygen criteria for aquatic life protection and chlorophyll-a criteria for the protection of Public Water Supply) in Maryland impoundments. Until any further guidance regarding nutrient criteria for man-made impoundments develops, Maryland will continue to utilize the nutrient-surrogate criteria to assess the status of nutrients in Maryland's impoundments.

2024 PFAS Freshwater Aquatic Life Criteria
In September 2024, EPA finalized 304(a) recommended criteria for PFOS and PFOA for the protection of freshwater aquatic life. MDE proposes to adopt the nationally recommended freshwater aquatic life criteria for PFOS and PFOA with the 2025 Triennial Review of Water

Quality Standards. The changes to Code of Maryland Regulations are shown in the "Water Quality Standards Amendments: Water Quality Criteria" Section.

Re-evaluation and Revision of Maryland's Restoration Variances

"Restoration Variance", as defined in COMAR 26.08.01.01 "means a temporary exception to the water quality standards allowing nonattainment of designated uses granted in situations where no enforcement action will be taken if the nonattainment is due to the existence of one or more of the justifications in 40 CFR §131.10(g). Restoration variances will be reviewed every 3 years at a minimum as required by the Clean Water Act and EPA regulations."

The following segments of the Chesapeake Bay and its tidal tributaries have been assigned restoration variances:

- Chesapeake Bay Mainstem Segment 4 mesohaline (CB4MH)
- Eastern Bay Mesohaline (EASMH)

COMAR 26.08.02.02 C. (8)(h) further explains, "The percentage of allowable exceedance for restoration variances is based on water quality modeling and incorporates the best available data and assumptions. The restoration variances are temporary and will be reviewed at a minimum every three years, as required by the Clean Water Act and EPA regulations. The variances may be modified based on new data or assumptions incorporated into the water quality model."

A combination of the Chesapeake Bay observed Water Quality data and the Chesapeake Bay Modeling framework was used to support the development of Maryland's Chesapeake Bay water quality standards (i.e. those standards associated with Use II waters) which included the restoration variances for the segments identified above. This information and modeling also informed the development of water quality criteria, the Chesapeake Bay TMDLs, and Watershed Implementation Plans.

In the 2019 Triennial Review, the restoration variances were reviewed and updated to reflect the latest scientific research, modeling findings and monitoring data in collaboration with the Chesapeake Bay Program Partnership. As a result, the restoration variances for the CB4MH deep-channel refuge subcategory use and the CB4MH deep-water fish and shellfish subcategory use were modified. The restoration variances for the CHSMH deep-channel refuge subcategory use and the PATMH deep-water fish and shellfish subcategory use were removed.

At this time, the updates completed on the 2019 Triennial Review still reflect the up-to-date science and modeling projections for the restoration variances. Maryland is not proposing any further changes to the restoration variances for the segments of the Chesapeake Bay and its tidal tributaries in the 2025 Triennial Review cycle but will continue to review and update the variances as new data or scientific information develops.

Future Water Quality Standards Work

PFAS

Per- and polyfluoroalkyl substances (PFAS) are a group of man-made chemicals that include PFOA, PFOS, GenX, and many other chemicals. PFAS have been manufactured and used in a variety of industries around the globe, including in the United States since the 1940s. These chemicals are persistent in the environment and the human body, meaning they do not break down easily and can accumulate over time. People may be exposed to PFOS and PFOA from the air, indoor dust, water, food and numerous consumer products.

Maximum contaminant levels (MCLs) for drinking water were finalized by EPA in April 2024 for PFOS, PFOA, and GenX PFAS compounds. Additionally, freshwater aquatic life criteria recommendations were finalized by EPA in September 2024 for PFOS and PFOA. The Department plans to adopt the nationally recommended freshwater aquatic life criteria for PFOS and PFOA in the 2025 Triennial Review. The Department continues to closely monitor the on-going development of criteria for human health by EPA and will assess its applicability once the criteria are finalized.

Within the State, MDE continues to play a lead role in managing the environmental risks of PFAS. More detail on MDE's efforts and those of partners can be found on MDE's PFAS webpage at: https://mde.maryland.gov/PublicHealth/Pages/PFAS-Landing-Page.aspx. In December of 2023, MDE, in collaboration with the Maryland Department of Health (MDH), produced Maryland's PFAS Action Plan which describes both current and future actions being taken to address PFAS pollution. The Maryland PFAS Action Plan can be accessed at: Maryland Department of the Environment's PFAS Landing Webpage. .

Cold or Cool Water Streams

In the last Triennial Review (2019), The Department accomplished the first major task of the Cold Water Advisory Committee through the clarification of existing use protections under the State's Antidegradation Policy and the development of a standardized policy and procedure for cold water existing use determinations, as incorporated by reference into COMAR 26.08.02.04-1.

Through the standardized policy and procedure, seven (7) new existing use determination and rationale documents were produced and provided for public comment in September 2024. Four (4) of the existing use determination and rationale documents were approved and finalized by the Department on April 17, 2026. Please refer to the Department's Existing Use Determinations[1] webpage for more information.

Three (3) of the approved and finalized existing use determination and rationale documents contained stream segments whose existing uses are synonymous with the definition of a Class III(-P) - Nontidal Coldwater designated use. These three streams, listed in "Water Quality Standards Amendments: Designated Uses" Section, are being proposed for redesignations to Use Class III(-P) and are included within the current 2025 Triennial Review.

The Department plans to continue work to accomplish the remaining three objectives of the Committee, as described below:

- Propose a new "coolwater" use classification based on analyses conducted by DNR and consideration of current stream scenarios.
- Propose changes to Class IV (or IV-P) recreational trout waters based on the different types of waters being stocked and/or trout stocking goals.
- Develop a process for conducting Use Attainability Analyses (UAA) for surface waters that support self-sustaining trout populations but which do not currently attain Class III (or III-P) water quality criteria.

For more information on the work that was completed by the Cold Water Advisory Committee and what work remains, please visit the following web page: https://mde.maryland.gov/programs/Water/TMDL/WaterQualityStandards/Pages/MDE-Cold-Water-Advisory-Committee.aspx

[1]Existing Use Determinations webpage: https://mde.maryland.gov/programs/water/TMDL/WaterQualityStandards/Pages/Existing-Use-Determinations.aspx

Water Quality Standards Amendments

The following sections describe the changes that the Department proposes to make to the Code of Maryland Regulations (COMAR).

Designated Uses

In 2024, MDE proposed several stream segments for cold water existing use protections. Approved existing use determinations were finalized on April 17, 2026, and three finalized existing use determinations demonstrated water quality conditions that are synonymous with the State's Use Class III (III-P) designation.

The following stream segments demonstrated the presence of a cold water obligate species and water temperatures that met Class III (III-P) criteria and are being proposed for redesignation to Class III (or III-P):

- Unnamed tributary to Jacks Hole (Harford County)
- Unnamed tributary to Michaels Run (Harford County)
- Unnamed tributary to Broad Creek (Harford County)

The specific regulations affected are listed below along with a brief description of the proposed amendments followed by the amended regulatory language. Please note that when reviewing amended text, [text in brackets is deleted] while *text in italics is new.*

REGULATIONS MODIFIED

COMAR 26.08.02.08 Stream Segment Designations

Summary of Changes to 26.08.02.08:

- The designated use classes of certain surface waters were changed to Class III or III-P based on updated temperature and biological data which demonstrated that the existing use was consistent with a Class III or III-P designation.

Specific Changes to COMAR 26.08.02.08 Stream Segment Designations

.08 Stream Segment Designations and Existing Uses.

A. General.

(1) – (6) (text unchanged)

B. Sub-Basin 02-12-02: Lower Susquehanna River Area.

Designated Use Class and Waterbody	Latitude	Longitude	Limits
(1) – (4) (text unchanged)			
(5) Class III-P:			
(a) – (u) (text unchanged)	39.674848	-76.452907	Upstream of Eden Mill Dam
(v) Unnamed tributary to Michael Run and all tributaries	*39.7211978*	*-76.2546878*	*Upstream from the MD/PA state line*
(w) Unnamed tributary to Jacks Hole and all tributaries	*39.6864751*	*-76.3748481*	
(x) Unnamed tributary to Broad Creek and all tributaries	*39.6813615*	*-76.3618549*	
(6) – (7) (text unchanged)			

C. – U. (text unchanged)

Criteria
With the 2025 Triennial Review, Maryland is adopting the nationally recommended recreational criteria for microcystin and cylindrospermopsin, adopting the nationally recommended freshwater aquatic life criteria for PFOS and PFOA, and is updating 25 human health criteria in accordance with national criteria recommendations. Additionally, the Department is amending typographical errors with two table footnotes associated with freshwater ammonia criteria and updating one document incorporated by reference for the freshwater ammonia criteria.

The specific regulations being revised are listed below. They are presented with a brief description of the proposed amendments followed by the amended regulatory language. Please note that when reviewing amended text, [text in brackets is deleted] while *text in italics is new.*

REGULATIONS MODIFIED

COMAR 26.08.02.03-2 Numerical Criteria for Toxic Substances Waters

Summary of Changes: Amendments were made to incorporate the updated national criteria recommendations for 25 human health criteria and the freshwater aquatic life criteria for PFOS and PFOA. Biological tissue-based toxics criteria for mercury were moved and the new PFOS and PFOA tissue criteria were placed in a newly created table under "L. Toxics Criteria for Biological Tissues" to improve organization. Corrections were also made to typographical errors found with two footnotes associated with two of the freshwater ammonia criteria look-up tables.

Finally, the document incorporated by reference, "Procedures for Applying the Mussel-Absent Ammonia Criteria to Maryland Surface Waters (Maryland Department of the Environment, August 2, 2021)", was modified to update the section, "Historic Ranges and Threatened and Endangered Mussels". The following elements are updated:

- Updates to the map and list of watersheds of verified observations of federally endangered or threatened freshwater mussels to reflect new records of verified observations in the State.
- Language within the section is also updated to clarify that the list of the 12-digit watersheds represents observations of federally endangered and threatened mussel species. The previous list of watersheds already encompasses the federally endangered and threatened species of mussels in Maryland. The updated language is added only to clarify the contents of the watersheds list, and no additional species of mussels are being added or removed by this language update.

While the list of watersheds specifically represents federally listed mussel species, the habitat model and requirements for mussel absent criteria application were built upon State-based

survey data of mussels' presence across Maryland, including the presence of state-listed mussel species. State listed mussel species are thus protected through the Procedure document's model and requirements.

Due to length, the updated document, "Procedures for Applying the Mussel-Absent Ammonia Criteria to Maryland Surface Waters (Maryland Department of the Environment, February 25, 2026)", is provided separately from the regulatory text shown immediately below. Instead, it will be accessible on MDE's website at the following link:

https://mde.maryland.gov/programs/water/TMDL/WaterQualityStandards/Documents/Procedures-for-Applying-the-Mussels-Absent-Ammonia-Criteria-to-Maryland-Surface-Waters_Updated_2026.pdf

Specific changes to COMAR 26.08.02.03-2 Numerical Criteria for Toxic Substances Waters

26.08.02.03-02

.03-2 Numerical Criteria for Toxic Substances in Surface Waters.

A. – F. (text unchanged)

G. Tables of Ambient Water Quality Criteria.

(1) Table 1. Toxic Substances Criteria for Ambient Surface Waters — Inorganic Substances.

Substance	CAS#	Aquatic Life (µg/L)						Human Health for Consumption of:		
		Fresh Water		Estuarine Water		Salt Water		Drinking Water + Organism (µg/L)	Organism Only (µg/L*)*	Drinking Water MCL (mg/L)
		Acute	Chronic	Acute	Chronic	Acute	Chronic			
Antimony	7440360							5.6	640	0.006
Arsenic	7440382	340	150			69	36	0.18[d] *c*	1.4[a,[d]] *c*	0.010
Asbestos	1332214								7 million fibers/L	7 million fibers/L
Barium	7440393							1,000		2
Beryllium								4		0.004
Cadmium[1]	7440439	1.8	0.72			33.13	7.9	5		0.005
Chlorine[2]	7782505	19	11			13	7.5			
Chromium (total)	7440473							100		0.1
Chromium III[1]	16065831	570	74							
Chromium VI	18540299	16	11			1100	50			
Copper[1]	7440508	13	9	6.1		4.8	3.1	1,300[d] *c*		1.3[c] *b*
Cyanide	57125	22	5.2			1	1	[140] *4*	[140] *400*	0.2
Lead[1]	7439921	65	2.5			210	8.1			0.015[c] *b*
Mercury	7439976	1.4	0.77			1.8	0.94			0.002
[Methylmercury[b]]	[22967926]								[0.3 mg/kg in fish tissue]	
Nickel[1]	7440020	470	52			74	8.2	610	4,600	
Selenium	7782492	20	5			290	71	170	4,200	0.05
Silver[1]	7440224	3.2				1.9				0.10
Thallium	7440280							0.24	0.47	0.002
Zinc[1]	7440666	120	120			90	81	7,400	26,000	

1 Refer to §D of this regulation.

2 The more stringent of these criteria or the discharge requirements in COMAR 26.08.03.06 shall be used as the basis for determining discharge permit limitations.

a This criterion will be applied against the actual measurement of inorganic arsenic (As+3) rather than total arsenic.

[b Per EPA recommendation, total mercury concentrations, as opposed to methylmercury, will be used in MDE fish consumption risk-calculation. This approach is deemed to be most protective of human health and most cost-effective.]

[c]*b* Lead and Copper are regulated by a treatment technique that requires systems to control the corrosiveness of their water. If more than 10 percent of tap water samples exceed the action level, water systems must take additional steps. The values listed are technically action levels.

[d]*c* Criterion is based on a carcinogenic risk level of 10-5.

* Drinking water MCLs apply to Public Water Supply designated waters only.

(2) - (3) (text unchanged)

(4) Table 4. Toxic Substances for Ambient Water Quality Criteria — Organic Compounds.

Substance	CAS#	Aquatic Life (µg/L)				Human Health for Consumption of:		
		Fresh Water		Salt Water		Drinking Water + Organism (µg/L)	Organism Only (µg/L)	Drinking Water MCL (mg/L)
		Acute	Chronic	Acute	Chronic			
1,1 Dichloroethylene (DCE)	75354					300	20000	0.007
1,1,1-Trichloroethane (TCA)	71556					[200] *10000*	*200000*	0.2
1,1,2,2-Tetrachloroethane	79345					[1.7] *2*[a]	[40] *30*[a]	
1,1,2-Trichloroethane	79005					[5.9] *5.5*[a]	[160] *89*[a]	0.005
1,2,4-Trichlorobenzene	120821					[35] *0.71*[a]	[70] *0.76*[a]	0.07
1,2,4,5-Tetrachlorobenzene	95943					0.03	0.03	
1,2-Dichlorobenzene	95501					1000	3000	0.6
1,2-Dichloroethane	107062					99[a]	6500[a]	0.005
1,2-Dichloropropane	78875					[5] *9*[a]	[150] *310*[a]	0.005
1,2-Diphenylhydrazine	122667					0.3[a]	*2*[a]	
1,2-Trans-Dichloroethylene	156605					100	4000	0.1
1,3-Dichlorobenzene	541731					[320] *7*	[960] *10*	
1,3-Dichloropropene	542756					[3.4] *2.7*[a]	[210] *120*[a]	
1,4-Dichlorobenzene	106467					300	900	0.075
2,4,5-Trichlorophenol	95954					300	600	
2,4,6-Trichlorophenol	88062					[14] *15*[a]	[24] *28*[a]	
2,4-Dichlorophenol	120832					[77] *10*	[290] *60*	
2,4-Dimethylphenol	105679					100	3000	
2,4-Dinitrophenol	*51285*					*10*	*300*	
2,4-Dinitrotoluene	121142					[1.1] *0.49*[a]	[34] *17*[a]	
2-Chloronapthalene	91587					800	1000	
2-Chlorophenol	95578					[81] *30*	[150] *800*	
2-Methyl-4,6-Dinitrophenol	534521					2	30	
3,3'-Dichlorobenzidine	91941					0.49[a]	1.5[a]	
3-Methyl-4-Chlorophenol	59507					500	2000	
Acrolein	107028	3	3			[6] *3*	[9] *400*	

Substance	CAS#	Aquatic Life (µg/L)				Human Health for Consumption of:		
		Fresh Water		Salt Water		Drinking Water + Organism (µg/L)	Organism Only (µg/L)	Drinking Water MCL (mg/L)
		Acute	Chronic	Acute	Chronic			
Acrylonitrile	107131					0.61[a]	70[a]	
Benzene	71432					[22] *5.8*[a]	[510] *160*[a]	0.005
Benzidine	92875					0.0014[a]	0.11[a]	
Bis(2-Chloroethyl) Ether	111444					0.3[a]	22[a]	
Bis2(Chloroisopropyl) Ether	108601					200	4000	
Bis(Chloromethyl) Ether	542881					0.0015[a]	0.17[a]	
Bromoform[1]	75252					[See Trihalomethanes] *70[a]*	[1400] *1200*[a]	
Carbon tetrachloride	56235					4[a]	50[a]	0.005
Chlorobenzene	108907					[130] *100*	[1600] *800*	0.1
Chlorodibromomethane[1]	124481					8[a]	210[a]	
Chloroform[1]	67663					60	2000	
Chlorophenoxy Herbicide (2,4-D)	94757					1300	12000	
Chlorophenoxy Herbicide (2,4,5-TP)	93721					100	400	
Dichlorobromomethane[1]	75274					[See Trihalomethanes] *9.5[a]*	[170] *270*[a]	
Dinitrophenols	25550587					10	1000	
Ethylbenzene	100414					[530] *68*	[2100] *130*	0.7
Hexachlorobenzene	118741					0.00079[a]	0.00079[a]	0.001
Hexachlorobutadiene	87683					[4.4] *0.1*[a]	[180] *0.1*[a]	
Hexachlorocyclopenta-diene	77474					4	4	0.05
Hexachloroethane	67721					[14] *1*[a]	[33] *1*[a]	
Hexachlorocyclohexane (HCH)-Technical	608731					0.066[a]	0.1[a]	
Isophorone	78591					340 [a]	18000[a]	
Methoxychlor	72435					0.02	0.02	
Methyl bromide	74839					100	10000	
Methylene chloride	75092					200[a]	10000[a]	0.005
Nitrobenzene	98953					10	600	
N-Nitrosodimethylamine	62759					0.0069[a]	30 [a]	
N-Nitrosodi-n-Propylamine	621647					0.05[a]	5.1[a]	
N-Nitrosodiphenylamine	86306					33[a]	60[a]	
Nonylphenol	84852153	28	6.6	7	1.7			

Substance	CAS#	Aquatic Life (µg/L)				Human Health for Consumption of:		
		Fresh Water		Salt Water		Drinking Water + Organism (µg/L)	Organism Only (µg/L)	Drinking Water MCL (mg/L)
		Acute	Chronic	Acute	Chronic			
Perfluorooctane sulfonic acid (PFOS)	*1763231*	*71*	*0.25*					
Perfluorooctanoic acid (PFOA)	*335671*	*3100*	*100*					
Phenol	108952					4000	300000	
Tetrachloroethylene	127184					100[a]	290[a]	0.005
Toluene	108883					[1300] *57*	[15000] *520*	1
Trichloroethylene (TCE)	79016					6[a]	70[a]	0.005
Trihalomethanes[1]						80		0.08
Vinyl chloride	75014					0.22[a]	16[a]	0.002

[1] Four compounds (bromoform, chlorodibromomethane, chloroform, and dichlorobromomethane) are found in combination and comprise a category of contaminants called "trihalomethanes" formed as a result of drinking water disinfection. The concentration of any of these compounds [individually, or all of them] in sum, may not exceed 80 micrograms per liter *in drinking waters*. *For compounds in the "trihalomethane" group without values listed above in Table 4, the concentration may not individually exceed 80 micrograms per liter in drinking waters.* This criterion is equal to the Safe Drinking Water Act Maximum Contaminant Level.

[a] Criterion is based on a carcinogenic risk level of 10^{-5}.

* Drinking water MCLs apply to Public Water Supply designated waters only.

(5) Table 5. Toxic Substances for Ambient Water Quality Criteria-Polycyclic Aromatic Hydrocarbons and Phthalates.

Substance	CAS#	Aquatic Life (µg/L)				Human Health for Consumption of:		
		Fresh Water		Salt Water		Drinking Water + Organism (µg/L)	Organism Only (µg/L)	Drinking Water MCL (mg/L)
		Acute	Chronic	Acute	Chronic			
Acenaphthene	83329					70	90	
Anthracene	120127					300	400	
Benzo(a)Anthracene	56553					0.012[a]	0.013[a]	
Benzo(a)Pyrene	50328					0.0012[a]	0.0013[a]	0.0002
Benzo(b)Fluoranthene	205992					0.012[a]	0.013[a]	
Benzo(k)Fluoranthene	207089					0.12[a]	0.13[a]	
Chrysene	218019					[0.038] *1.2*[a]	[0.18] *1.3*[a]	
Dibenzo(a,h)Anthracene	53703					0.0012[a]	0.0013[a]	
Fluoranthene	206440					20	20	
Fluorene	86737					50	70	
Ideno(1,2,3-cd)Pyrene	193395					0.012[a]	0.013[a]	
Pyrene	129000					20	30	

Bis(2-Ethylhexyl) Phthalate	117817					3.2[a]	3.7[a]	0.006
Butylbenzyl Phthalate	85687					1[a]	1[a]	
Diethyl Phthalate	84662					600	600	
Dimethyl Phthalate	131113					2000	2000	
Di-n-Butyl Phthalate	84742					20	30	

[a] Criterion is based on a carcinogenic risk level of 10^{-5}.

* Drinking water MCLs apply to Public Water Supply designated waters only.

(6) Table 6. Toxic Substances for Ambient Water Quality Criteria — Pesticides and Chlorinated Compounds.

Substance	CAS#	Aquatic Life (µg/L)				Human Health for Consumption of:		
		Fresh Water		Salt Water		Drinking Water + Organism (µg/L)	Organism Only (µg/L)	Drinking Water MCL (mg/L)
		Acute	Chronic	Acute	Chronic			
2, 3, 7, 8-TCDD (Dioxin)	1746016					0.00000005[a]	0.00000051[a]	3 X 10^{-8}
4,4'-DDD	72548					0.0012[a]	0.0012[a]	
4,4'-DDE	72559					0.0018[a]	0.0018[a]	
4,4'-DDT	50293	1.1	0.001	0.13	0.001	0.0003[a]	0.0003[a]	
Aldrin	309002	3		1.3		0.0000077[a]	0.0000077[a]	
alpha-BHC	319846					0.036[a]	0.039[a]	
alpha-Endosulfan	959988	0.22	0.056	0.034	0.0087	20	30	
Atrazine	1912249					3		0.003
beta-BHC	319857					0.08[a]	0.14[a]	
beta-Endosulfan	33213659	0.22	0.056	0.034	0.0087	20	40	
Carbaryl	63252	2.1	2.1	1.6				
Chlordane	57749	2.4	0.0043	0.09	0.004	0.0031[a]	0.0032[a]	0.002
Chlorpyrifos	2921882	0.083	0.041	0.011	0.0056			
Diazinon	333415	0.17	0.17	0.82	0.82			
Dieldrin	60571	0.24	0.056	0.71	0.0019	0.000012[a]	0.000012[a]	
Endosulfan Sulfate	1031078					20	40	
Endrin	72208	0.086	0.036	0.037	0.0023	[0.059] *0.03*	[0.060] *0.03*	0.002
Endrin Aldehyde	7421934					1	1	
gamma-BHC (Lindane)	58899	0.95		0.16		4.2	4.4	0.0002
Heptachlor	76448	0.52	0.0038	0.053	0.0036	0.000059[a]	0.000059[a]	0.0004
Heptachlor Epoxide	1024573	0.52	0.0038	0.053	0.0036	0.00032[a]	0.00032[a]	0.0002
Polychlorinated Biphenyls PCBs			0.014		0.03	0.00064 [a]	0.00064 [a]	0.0005

Substance	CAS#	Aquatic Life (µg/L)				Human Health for Consumption of:		
		Fresh Water		Salt Water		Drinking Water + Organism (µg/L)	Organism Only (µg/L)	Drinking Water MCL (mg/L)
		Acute	Chronic	Acute	Chronic			
Toxaphene	8001352	0.73	0.002	0.21	0.002	0.007[a]	0.0071[a]	0.003
Tributyltin (TBT)		0.46	0.072	0.42	0.0074			
Pentachlorobenzene	608935					0.1	0.1	
Pentachlorophenol (PCP)[1]	87865	19	15	13	7.9	[2.7] *0.3*[a]	[30] *0.4*[a]	0.001

[1]The freshwater aquatic life criteria for PCP are expressed as a function of pH. Refer to §D of this regulation.

[a] Criterion is based on a carcinogenic risk level of 10^{-5}.

***** Drinking water MCLs apply to Public Water Supply designated waters only.

H. Acute Numeric Toxic Substance Criteria for Ammonia for the Protection of Fresh Water Aquatic Life.

(1) The use of Tables 3 and 4 requires documentation acceptable to the Department of the absence of freshwater mussels using the methods outlined in the document "Procedures for Applying the Mussel-Absent Ammonia Criteria to Maryland Surface Waters *(Maryland Department of the Environment, February 25, 2026)*", which is incorporated by reference.

(2) – (8) (text unchanged)

(9) Table 4. Acute Water Quality Criteria for Freshwater Aquatic Life for Ammonia Where Salmonids Are Absent and Freshwater Mussels Are Absent (milligrams of nitrogen per liter) [1].

Temperature (°C)																	
pH	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
6.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	47.5	43.8	40.3	37.1	34.1	31.4	28.9	26.6
6.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	45.6	42.0	38.6	35.6	32.7	30.1	27.7	25.5
6.7	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	43.4	39.9	36.8	33.8	31.1	28.7	26.4	24.3
6.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	40.9	37.6	34.6	31.9	29.3	27.0	24.9	22.9
6.9	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	38.1	35.1	32.3	29.7	27.4	25.2	23.2	21.3
7.0	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	35.1	32.3	29.8	27.4	25.2	23.2	21.4	19.7
7.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	32.0	29.4	27.1	24.9	23.0	21.1	19.5	17.9
7.2	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	28.8	26.5	24.4	22.4	20.6	19.0	17.5	16.1
7.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	25.5	23.5	21.6	19.9	18.3	16.9	15.5	14.3
7.4	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	22.4	20.6	18.9	17.4	16.1	14.8	13.6	12.5
7.5	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	19.4	17.8	16.4	15.1	13.9	12.8	11.8	10.8
7.6	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	16.6	15.3	14.0	12.9	11.9	11.0	10.1	9.3
7.7	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	14.1	12.9	11.9	11.0	10.1	9.3	8.5	7.9
7.8	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	11.8	10.9	10.0	9.2	8.5	7.8	7.2	6.6
7.9	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	9.9	9.1	8.4	7.7	7.1	6.5	6.0	5.5
8.0	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.2	7.5	6.9	6.4	5.9	5.4	5.0	4.6
8.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	6.8	6.2	5.7	5.3	4.9	4.5	4.1	3.8
8.2	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.6	5.1	4.7	4.3	4.0	3.7	3.4	3.1

8.3	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6	4.2	3.9	3.6	3.3	3.0	2.8	2.6
8.4	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.8	3.5	3.2	2.9	2.7	2.5	2.3	2.1
8.5	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1	2.9	2.6	2.4	2.2	2.1	1.9	1.7
8.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.4	2.2	2.0	1.9	1.7	1.6	1.4
8.7	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.3	1.2
8.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.0
8.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
9.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.1	1.0	0.9	0.9	0.8	0.7

[1] The acute water quality criteria for total ammonia where salmonids are [present] *absent* and freshwater mussels are absent were calculated using the following equation, which may also be used to calculate unlisted values: Acute water quality criteria for ammonia (salmonids [present] *absent* and freshwater mussels absent) =

$$\left[0.7249 * \left(\frac{0.0114}{1+10^{7.204-pH}} + \frac{1.6181}{1+10^{pH-7.204}}\right) * MIN\left(\begin{matrix}51.93,\\ 62.15*10^{0.036*(20-T)}\end{matrix}\right)\right]$$

Where MIN indicates the lesser of the two values separated by a comma.

I. Chronic Numeric Toxic Substance Criteria for Ammonia, Expressed as a 30-day Average, for the Protection of Fresh Water Aquatic Life.

(1) - (6) (text unchanged)

(7) Table 3. Chronic Ammonia Criteria for Waters Where Freshwater Fish Early Life Stages Are Absent and Freshwater Mussels Are Absent (milligrams of nitrogen per liter). [1]

	Temperature (°C)																							
pH	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
6.5	18.5	17.4	16.3	15.3	14.3	13.4	12.6	11.8	11.1	10.4	9.72	9.11	8.54	8.01	7.51	7.04	6.60	6.19	5.80	5.44	5.10	4.78	4.48	4.20
6.6	18.2	17.1	16.0	15.0	14.1	13.2	12.4	11.6	10.9	10.2	9.57	8.97	8.41	7.89	7.39	6.93	6.50	6.09	5.71	5.36	5.02	4.71	4.41	4.14
6.7	17.9	16.8	15.7	14.7	13.8	13.0	12.2	11.4	10.7	10.0	9.39	8.80	8.25	7.74	7.25	6.80	6.38	5.98	5.61	5.26	4.93	4.62	4.33	4.06
6.8	17.5	16.4	15.4	14.4	13.5	12.7	11.9	11.1	10.4	9.78	9.17	8.60	8.06	7.56	7.09	6.65	6.23	5.84	5.48	5.14	4.81	4.51	4.23	3.97
6.9	17.0	15.9	14.9	14.0	13.1	12.3	11.5	10.8	10.1	9.51	8.92	8.36	7.84	7.35	6.89	6.46	6.06	5.68	5.32	4.99	4.68	4.39	4.11	3.86
7	16.4	15.4	14.4	13.5	12.7	11.9	11.1	10.5	9.80	9.19	8.61	8.07	7.57	7.10	6.65	6.24	5.85	5.48	5.14	4.82	4.52	4.24	3.97	3.73
7.1	15.7	14.8	13.8	13.0	12.2	11.4	10.7	10.0	9.40	8.81	8.26	7.74	7.26	6.81	6.38	5.98	5.61	5.26	4.93	4.62	4.33	4.06	3.81	3.57
7.2	15.0	14.0	13.2	12.3	11.6	10.8	10.2	9.53	8.94	8.38	7.85	7.36	6.90	6.47	6.07	5.69	5.33	5.00	4.69	4.40	4.12	3.86	3.62	3.40
7.3	14.1	13.2	12.4	11.6	10.9	10.2	9.58	8.98	8.42	7.89	7.40	6.94	6.50	6.10	5.72	5.36	5.03	4.71	4.42	4.14	3.88	3.64	3.41	3.20
7.4	13.1	12.3	11.6	10.8	10.2	9.52	8.93	8.37	7.85	7.36	6.90	6.47	6.06	5.69	5.33	5.00	4.69	4.39	4.12	3.86	3.62	3.39	3.18	2.98
7.5	12.1	11.4	10.7	9.99	9.36	8.78	8.23	7.72	7.24	6.78	6.36	5.96	5.59	5.24	4.91	4.61	4.32	4.05	3.80	3.56	3.34	3.13	2.93	2.75
7.6	11.0	10.4	9.70	9.10	8.53	8.00	7.50	7.03	6.59	6.18	5.79	5.43	5.09	4.78	4.48	4.20	3.94	3.69	3.46	3.24	3.04	2.85	2.67	2.51
7.7	9.94	9.32	8.73	8.19	7.68	7.20	6.75	6.33	5.93	5.56	5.21	4.89	4.58	4.30	4.03	3.78	3.54	3.32	3.11	2.92	2.74	2.57	2.41	2.26
7.8	8.84	8.29	7.77	7.28	6.83	6.40	6.00	5.63	5.28	4.95	4.64	4.35	4.08	3.82	3.58	3.36	3.15	2.95	2.77	2.60	2.43	2.28	2.14	2.01
7.9	7.77	7.28	6.83	6.40	6.00	5.63	5.28	4.95	4.64	4.35	4.08	3.82	3.58	3.36	3.15	2.95	2.77	2.60	2.43	2.28	2.14	2.01	1.88	1.76
8	6.76	6.34	5.94	5.57	5.22	4.90	4.59	4.30	4.03	3.78	3.55	3.33	3.12	2.92	2.74	2.57	2.41	2.26	2.12	1.99	1.86	1.75	1.64	1.53

8.1	5.82	5.46	5.12	4.80	4.50	4.22	3.96	3.71	3.48	3.26	3.06	2.87	2.69	2.52	2.36	2.21	2.08	1.95	1.82	1.71	1.60	1.50	1.41	1.32
8.2	4.98	4.67	4.38	4.10	3.85	3.61	3.38	3.17	2.97	2.79	2.61	2.45	2.30	2.15	2.02	1.89	1.77	1.66	1.56	1.46	1.37	1.29	1.21	1.13
8.3	4.23	3.97	3.72	3.49	3.27	3.07	2.87	2.69	2.53	2.37	2.22	2.08	1.95	1.83	1.72	1.61	1.51	1.41	1.33	1.24	1.17	1.09	1.02	0.96
8.4	3.58	3.36	3.15	2.95	2.77	2.59	2.43	2.28	2.14	2.00	1.88	1.76	1.65	1.55	1.45	1.36	1.28	1.20	1.12	1.05	0.99	0.92	0.87	0.81
8.5	3.02	2.84	2.66	2.49	2.34	2.19	2.05	1.93	1.81	1.69	1.59	1.49	1.40	1.31	1.23	1.15	1.08	1.01	0.95	0.89	0.83	0.78	0.73	0.69
8.6	2.55	2.39	2.24	2.10	1.97	1.85	1.73	1.63	1.52	1.43	1.34	1.26	1.18	1.10	1.04	0.97	0.91	0.85	0.80	0.75	0.70	0.66	0.62	0.58
8.7	2.16	2.03	1.90	1.78	1.67	1.57	1.47	1.38	1.29	1.21	1.13	1.06	1.00	0.93	0.88	0.82	0.77	0.72	0.68	0.63	0.60	0.56	0.52	0.49
8.8	1.84	1.72	1.61	1.51	1.42	1.33	1.25	1.17	1.10	1.03	0.96	0.90	0.85	0.79	0.74	0.70	0.65	0.61	0.58	0.54	0.51	0.47	0.44	0.42
8.9	1.57	1.47	1.38	1.29	1.21	1.14	1.07	1.00	0.94	0.88	0.82	0.77	0.72	0.68	0.64	0.60	0.56	0.52	0.49	0.46	0.43	0.40	0.38	0.36
9	1.35	1.27	1.19	1.11	1.04	0.98	0.92	0.86	0.81	0.76	0.71	0.66	0.62	0.58	0.55	0.51	0.48	0.45	0.42	0.40	0.37	0.35	0.33	0.31

[1] The freshwater chronic water quality criteria for total ammonia where fish early life stages are [present] *absent* [but] *and* freshwater mussels are absent were calculated using the following equation, which may also be used to calculate unlisted values:

Freshwater chronic water quality criterion for ammonia (fish early life stages absent and freshwater mussels absent)=CCC=

$$\left(0.9405*\left(\frac{0.0278}{1+10^{7.688-pH}}+\frac{1.1994}{1+10^{pH-7.688}}\right)*\left(7.547*10^{0.028*(20-MAX(T,7))}\right)\right)$$

Where MAX indicates the greater of the two values separated by a comma.

J. - K. (text unchanged)

L. Toxics Criteria for Biological Tissues.

(1) Table 1. Toxic Substances Criteria for Biological Tissues to Protect Aquatic Life and Human Health Consumption.

Substance	*CAS#*	*Aquatic Life (mg/kg)*				*Human Health Consumption (mg/kg)*
		Fresh Water (chronic)		*Salt Water (chronic)*		
		Wet Weight in Invertebrate	*Wet Weight in Fish*	*Wet Weight in Invertebrate*	*Wet Weight in Fish*	*Wet Weight in Fish Tissue*
Perfluorooctane Sulfonate (PFOS)	*1763231*	*0.028*	*0.201 in Whole-Body Tissues* *0.087 in Muscle Tissue*			
Perfluorooctanoic Acid (PFOA)	*335671*	*1.18*	*6.49 in Whole-Body Tissues* *0.133 in Muscle Tissue*			
Methylmercury [a]	*22967926*					*0.3*

a Per EPA recommendation, total mercury concentrations, as opposed to methylmercury, will be used in MDE fish consumption risk-calculation. This approach is deemed to be most protective of human health and most cost-effective.

COMAR 26.08.02.03-3 Water Quality Criteria Specific to Designated Uses

Summary of Changes:

The nationally recommended cyanotoxin criteria for microcystin and cylindrospermopsin were added to regulation 26.08.02.03-3 - Water Quality Criteria Specific to Designated Uses. The amendment adopts new criteria magnitudes for microcystin and cylindrospermopsin, as well as frequency and duration components for the criteria.

Clarifications for the purpose of bacteria indicator criteria were also added to reflect their application for recreational waters.

Specific Changes to COMAR 26.08.02.03-3 Water Quality Criteria Specific to Designated Uses.

26.08.02.03-3

.03-3 Water Quality Criteria Specific to Designated Uses.

A. Criteria for Class I Waters — Water Contact Recreation and Protection of Nontidal Warmwater Aquatic Life.

(1) Bacteriological.

(a) Table 1. Bacteria Indicator Criteria Magnitudes

		Geometric Mean	Statistical Threshold Value
Indicator	Enterococci (fresh or marine) - culturable	35	130
	E. coli (fresh) - culturable	126	410

All Magnitudes in Table 1 are expressed as counts per 100 [milliters] *milliliters. These Bacteria Indicator Criteria Magnitudes represent values that are for protection of recreational use.*

(b) – (d) (text unchanged)

(2) Cyanotoxins

(a) Table 1. Cyanotoxin Criteria Magnitudes to Protect Recreation

Cyanotoxin	*Magnitude (ug/L)*	*Duration*	*Frequency*
Microcystin	*8*	*1 in 10-day assessment period across a recreational season*	*Not more than 3 excursions in a recreational season in more than one year*[1]
Cylindrospermopsin	*15*		

[1]*An excursion is defined as a 10-day assessment period with any toxin concentration higher than the recommended criteria magnitude.*

(b) The cyanotoxin criteria for microcystin and cylindrospermopsin are applicable to all recreational water body areas.

(c) The criteria magnitude values for microcystin and/or cylindrospermopsin may not be exceeded in over three 10-day assessment periods over the course of a single recreational season for more than one year.

[(2)] *(3)* Dissolved Oxygen. The dissolved oxygen concentration may not be less than 5 milligrams/liter at any time.

[(3)] *(4)* Temperature.

(a) – (e) (text unchanged)

[(4)] *(5)* pH. Normal pH values may not be less than 6.5 or greater than 8.5.

[(5)] *(6)* Turbidity.

(a) – (b) (text unchanged)

[(6)] *(7)* Color. Color in the surface water may not exceed 75 units as a monthly average. Units shall be measured in Platinum Cobalt Units.

[(7)] *(8)* Toxic Substance Criteria. All toxic substance criteria to protect:

(a) – (c) (text unchanged)

B. Criteria for Subcategory Class I-P Waters — Water Contact Recreation, Protection of Nontidal Warmwater Aquatic Life and Public Water Supply. The following criteria apply:

(1) The criteria for Class I waters in §A(1) — [(6)] (7); and

(2) Toxic Substance Criteria. All toxic substance criteria:

(a) – (b) (text unchanged)

C. Criteria for Class II Waters — Support of Estuarine and Marine Aquatic Life and Shellfish Harvesting.

(1) – (2) (text unchanged)

(3) Cyanotoxins – same as Class I waters.

[(3)] *(4)* Temperature — same as Class I waters.

[(4)] *(5)* pH — same as Class I waters.

[(5)] *(6)* Turbidity — same as Class I waters.

[(6)] *(7)* Color — same as Class I waters.

[(7)] *(8)* Toxic Substance Criteria. All toxic substance criteria to protect:

(a) – (b) (text unchanged)

[(8)] *(9)* Dissolved Oxygen Criteria for Class II Waters.

(a) – (h) (text unchanged)

[(9)] *(10)* Water Clarity Criteria for Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory.

(a) Water Clarity Criteria Measurement. A Bay segment has attained the shallow water designated use if:

(i) Submerged aquatic vegetation (SAV) acreage meets or exceeds the SAV acreage restoration goal in Table 3 of this regulation;

(ii) The shallow-water acreage that meets or exceeds the water clarity criterion expressed in Secchi depth equivalence from Table 2 of this regulation at the segment specific application depth specified in Regulation .08 of this chapter (excluding SAV no grow zones) is 2.5 times greater than the SAV Acreage Restoration Goal from Table 3 of this regulation; or

(iii) A combination of the actual SAV acreage attained and meeting the applicable water clarity criteria in an additional, unvegetated shallow water surface area equals 2.5 times the remaining SAV acreage necessary to meet the segment's restoration goal.

(a-1) If none of §C([9]*10*)(a)(i), (ii), or (iii) applies, the segment has not attained the water clarity designated use.

(b) (text unchanged)

(c) Table 3. SAV Acreage Restoration Goals. (table unchanged)

[1] The segments West Branch Patuxent River (WBRTF-application depth = 0.5 meters), and Lower Patuxent River Mesohaline Subsegments 3 and 6 (PAXMH3 & PAXMH6-application depths = 0.5 meters), and the Anacostia River Tidal Fresh (ANATF-application depth = 0.5 meters) are not listed above because the SAV Restoration goal for each segment is 0 acres, based on no historical mapped SAV and because the available bathymetry data is too limited to allow for a calculation of an SAV restoration acreage goal using the method described in the U.S. Environmental Protection Agency publication "Ambient Water Quality Criteria for Dissolved Oxygen, Water Clarity and Chlorophyll a for the Chesapeake Bay and its tidal Tributaries—2007 Addendum (EPA 903-R-07-003)". These segments have been assigned a water clarity criteria and application depth. Attainment of the shallow-water designated use will be determined using the method outlined in §C([9]*10*)(a)(iii) and (e) of this regulation.

[2]Maryland portion of the segment.

(d) – (e) (text unchanged)

[(10)] *(11)* Chlorophyll a. Concentrations of chlorophyll a in free-floating microscopic aquatic plants (algae) may not exceed levels that result in ecologically undesirable consequences that would render tidal waters unsuitable for designated uses.

[(11)] *(12)* Compliance Schedules for Protection of Downstream Uses in Tidal Waters.

(a) The compliance schedule provisions of COMAR 26.08.04.02C are applicable to discharge permits issued to existing dischargers which contain new or revised effluent limitations based on water quality standards contained in §C([8]*9*) and ([9]*10*) of this regulation.

(b) An upstream state issuing discharge permits to existing dischargers which contain new or revised effluent limitations based on the water quality standards contained in §C([8]*9*) and ([9]*10*) of this regulation may apply the compliance schedule provisions of COMAR 26.08.04.02C.

C-1. Criteria for Class II-P Waters—Support of Estuarine and Marine Aquatic Life and Shellfish Harvesting and Public Water Supplies. The following criteria apply:

(1) The criteria for Class II waters in §C(1)—([8]*9*), ([9]*10*)(a)—(c), ([10]*11*), and ([11]*12*); and

(2) All toxic substance criteria:

(a) - (b) (text unchanged)

D. Criteria for Class III Waters — Nontidal Cold Water.

(1) Bacteriological — same as Class I waters.

(2) Cyanotoxins - same as Class I waters.

[(2)] *(3)* Dissolved Oxygen. The dissolved oxygen concentration may not be less than 5 milligrams/liter at any time, with a minimum daily average of not less than 6 milligrams/liter.

[(3)] *(4)* Temperature.

(a) – (d) (text unchanged)

[(4)] *(5)* pH — same as Class I waters.

[(5)] *(6)* Turbidity — same as Class I waters.

[(6)] *(7)* Color — Same as Class I-P waters.

[(7)] *(8)* Total Residual Chlorine (TRC). Except as provided in COMAR 26.08.03.06, the Department may not issue a permit allowing the use of chlorine or chlorine-containing compounds in the treatment of wastewaters discharging to Class III and Class III-P waters.

[(8)] *(9)* Toxic Substance Criteria. All toxic substance criteria to protect:

(a) – (b) (text unchanged)

E. Criteria for Class III-P Waters — Nontidal Cold Water and Public Water Supplies.

(1) (text unchanged)

(2) The following criteria apply:

(a) The criteria for Class III waters in §D(1) — ([7]*8*); and

(b) (text unchanged)

F. Criteria for Class IV Waters — Recreational Trout Waters.

(1) Bacteriological — same as Class I waters.

(2) Cyanotoxins - same as Class I waters.

[(2)] *(3)* Dissolved oxygen — same as Class I waters.

[(3)] *(4)* Temperature.

(a) - (d) (text unchanged)

[(4)] *(5)* pH — same as Class I waters.

[(5)] *(6)* Turbidity — same as Class I waters.

[(6)] *(7)* Color — same as for Class I waters.

[(7)] *(8)* Toxic Substance Criteria. All toxic substance criteria to protect:

(a) – (b) (text unchanged)

G. Criteria for Class IV-P Waters — Recreational Trout Waters and Public Water Supplies. The following criteria apply:

(1) The criteria for Class IV waters in §F(1)—([6]*7*); and

(2) (text unchanged)

H. (text unchanged)

Antidegradation

Amendments to Maryland's Antidegradation Policy, proposed as part of this 2025 Triennial Review, modify the list of Tier II waters based on new biological data collected in Maryland's waterways.

The specific regulations being revised are listed below. They are presented with a brief description of the proposed amendments followed by the amended regulatory language. Please note that when reviewing amended text, [text in brackets is deleted] while *text in italics is new.*

REGULATIONS MODIFIED

COMAR 26.08.02.04 Antidegradation Policy

Summary of changes:

The Department is revising language within its Antidegradation Policy to clarify procedural actions within Tier II project reviews and provide consistency between COMAR 26.08.02.04-2, COMAR 26.08.02.04, and federal regulations in response to comments received by US EPA within the previous 2019 Triennial Review. Typographical corrections were also made in the Antidegradation Procedure Flowchart along with minor updates to clarify the requirements of the Tier II review process.

Specific changes to COMAR 26.08.02.04 Antidegradation Policy

.04 Antidegradation Policy.

A. – B. (text unchanged)

C. Certain waters of this State possess an existing quality that is better than the water quality standards established for them *and are defined as Tier II: High Quality Waters*. The quality of these *Tier II* waters shall be maintained *and protected* unless:

(1) The Department determines a change in quality is justifiable as a result of necessary economic or social development *in the Tier II watershed area in which the waters are located, as defined in COMAR 26.08.02.04-2.A*; and

(2) The change will not diminish uses made of, or presently existing, in these waters[.]*; and*

(3) The requirements for intergovernmental coordination as described in COMAR 26.08.02.04-2.J are fully satisfied; and

(4) Public participation requirements as described in 26.08.02.04-2.M are fully satisfied.

D. Certain waters of this State possess an existing quality that is better than the water quality standards established for them and are defined as Tier III: Outstanding National Resource Waters. The quality of these Tier III waters shall be maintained and protected.

[D.]*E.* To accomplish the objective of maintaining existing water quality:

(1) New and existing point sources shall achieve the highest applicable statutory and regulatory effluent requirements; and

(2) Nonpoint sources shall achieve all cost effective and reasonable best management practices for nonpoint source control*; and* [.]

(3) The Department shall determine if additional requirements to maintain existing water quality are necessary as part of an applicant's Antidegradation permit review.

[E.]*F.* The Department shall ensure that existing uses are maintained and protected and support changes to designated uses and associated criteria in any circumstances where the designated use and criteria do not reflect and protect uses that are being attained. Changes in designated uses and associated criteria to less stringent uses and criteria may only be undertaken when:

(1) – (3) (text unchanged)

[F. The Department shall provide public notice and opportunity for a public hearing on the proposed change before:

(1) Permitting a change in high quality waters; or

(2) Changing the stream use designation.]

G. Public Notice and Public Hearings.

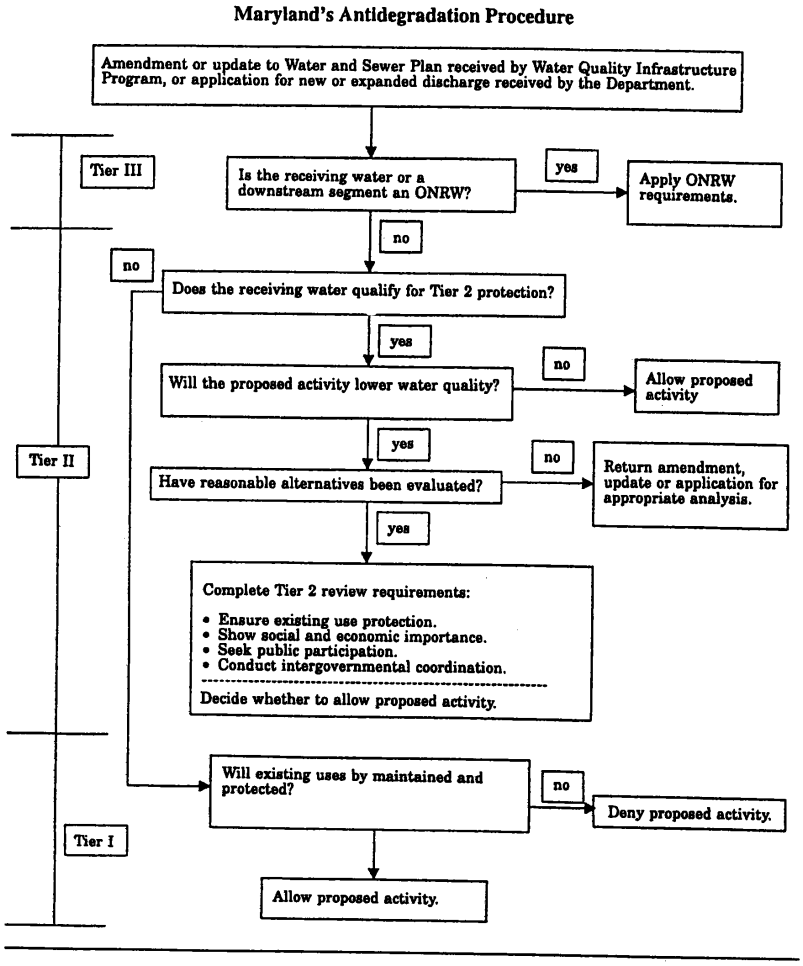
(1) The Department shall provide public notice as described in COMAR 26.08.02.04-2.M and an opportunity for a public hearing on the proposed change before permitting an impact in high quality waters.

(2) The Department will provide public notice and a public hearing on a proposed change to a stream use designation.

[G.]*H.* Water which does not meet the standards established for it shall be improved to meet the standards.

[H.]*I.* Maryland's Antidegradation Procedure Flow Chart.

[



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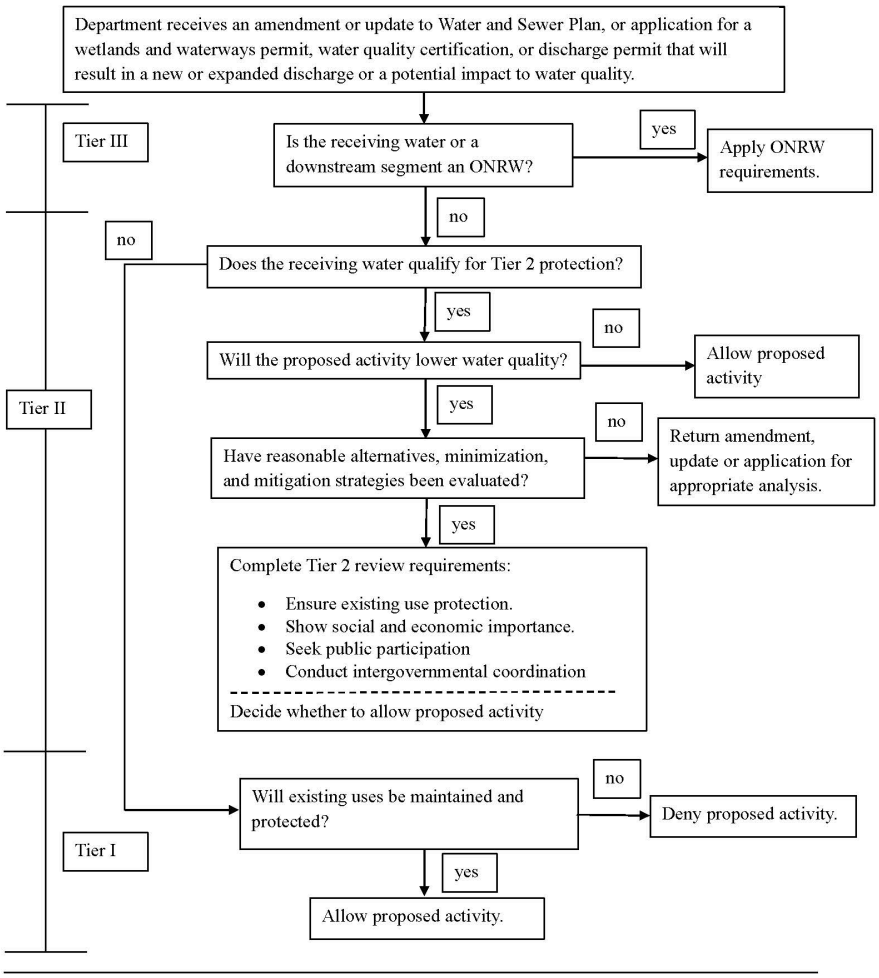
Maryland's Antidegradation Procedure



COMAR 26.08.02.04-2 Antidegradation Policy Implementation Procedures: Tier II Level of Protection - High Quality Waters

Summary of changes:

The Department has identified fifteen (15) new streams that qualify as Tier II High Quality Waters. Please see the following document for more information on the identified streams "Documentation of Changes to the List of Tier II High Quality Waters - February 17, 2026"[2]. These new Tier II streams are being added to the list of Tier II segments within the regulation. Additionally, in response to comments received by US EPA within the previous 2019 Triennial Review, the Department is revising language to provide further clarification and consistency within this regulation.

Specific changes to COMAR 26.08.02.04-2 Antidegradation Policy Implementation Procedures: Tier II Level of Protection - High Quality Waters:

.04-2 Antidegradation Policy Implementation Procedures: Tier II Level of Protection — High Quality Waters.

A. In Maryland, the term "Tier II water" is defined as a water body with water quality that measures significantly better than that required by water quality standards to support its designated uses. A Tier II watershed is defined as the area of land that contributes runoff to a Tier II waterbody and any discharges to streams upstream of and including the Tier II waterbody. Significantly better is evaluated statistically to demonstrate at least a 90 percent certainty that the mean of the available data is better than the applicable standard (for example, the criterion is outside the outer bound of the 90 percent confidence interval). Water quality is considered significantly better and waters may be listed as Tier II, if the exclusion under §D of this regulation does not apply and if:

(a) Measured water quality characteristics for which numeric criteria have been promulgated are significantly better than the water quality criteria specified in Regulations .03—.03-3 of this chapter; or

(b) Maryland Biological Stream Survey assessment data indicate that both fish and benthic values of the index of biological integrity *(IBI)* are 4.00 or greater.

B. Compilation and Maintenance of the List of High Quality Tier II Waters. The Department shall compile and maintain a public list of the Tier II waters. That list is contained in §N of this regulation. All readily available information may be considered to determine a listing. Tier II listings shall be made only for those specific characteristics for which monitoring data indicates the water body exceeds numeric water quality criteria or thresholds established under the narrative standards for biocriteria. The Department shall consider information available from the categories listed under §§A and D of this regulation. *A water body designated as Tier II for a characteristic shall remain designated Tier II water even if its assimilative capacity is diminished after designation, unless the Department determines that the Tier II designation was in error.*

C. (text unchanged)

D. Waters That May Not Be Listed as Tier II. *A water body may not be designated as Tier II for a water quality characteristic if that water body is already listed as impaired for that characteristic on the List of Impaired Waters (303(d) List)*. [Water bodies included in the List of Impaired Waters (303(d) List) are not Tier II waters for the impairing substance.]

E. Antidegradation Review — General. An antidegradation review of updated, new, or proposed amendments to Water and Sewerage Plans (County Plans), wetlands and waterways permits *or authorizations*, water quality certifications, or discharge permits in a Tier II watershed is required to assure consistency with antidegradation requirements. An applicant for proposed amendments to County Plans, a wetlands and waterways permit *or authorization*, water quality certification, or discharge permits in a Tier II watershed that will result in a new, or an increased, permitted annual discharge of pollutants or a potential impact to water quality shall evaluate alternatives to eliminate or reduce discharges or impacts. If impacts are unavoidable (as defined in §H of this regulation), an applicant shall prepare and document a social and economic justification. The Department shall determine, through the public processes for each of these permits or authorizations, whether these activities can be justified.

F. Need for Tier II Antidegradation Review.

[2]https://mde.maryland.gov/programs/water/TMDL/WaterQualityStandards/Documents/TriReview/2025/JustificationDocument_TR2025_TierIIRegChanges_2.17.2026.pdf

(1) Permits and Authorizations. Before submitting an application for a new or major modification of an existing discharge permit or Notice of Intent for authorization under a general permit, wetlands and waterways permit *or authorization*, or water quality certification, the discharger or applicant shall determine whether the receiving water body is in a Tier II watershed by consulting the list of Tier II waters.

(2) –(3) (text unchanged)

G. Tier II Antidegradation Review.

(1) – (2) (text unchanged)

(3) If the analysis in §G(1) of this regulation shows that the alternatives are not cost effective and feasible, the applicant shall *minimize the use of the assimilative capacity of the water body by providing* [provide] the Department with*:* [plans to configure or structure the discharge or other regulated activities that may cause a potential water quality impact so as to minimize the use of the assimilative capacity of the water body. The assimilative capacity of the water body is the difference between the water quality at the time the water body was designated as Tier II, the baseline, and the water quality criterion.]

(a) Plans to configure or structure the discharge or other regulated activities that may cause a potential water quality impact; and,

(b) Plans to minimize permanent impacts to the Tier II watershed through mitigation.

(4) The assimilative capacity of the water body is the difference between the water quality at the time the water body was designated as Tier II, the baseline, and the water quality criterion.

[(4)] *(5)* An applicant shall update an antidegradation review when applying for a new or major modification to an existing permit or authorization.

H. (text unchanged)

I. Social and Economic Justification (SEJ).

(1) An SEJ shall be submitted if:

(a) No cost-effective alternative to the discharge or water quality impacts is available; or

(b) The cumulative degradation resulting from nonpoint source pollution and any other permitted discharges *or authorizations* would diminish water quality.

(2) (text unchanged)

J. – K. (text unchanged)

L. Department Responsibilities.

(1) – (2) (text unchanged)

(3) When the Department proposes to issue a tentative determination to either issue or deny the permit application *or authorization*, the notice of tentative determination shall state that these waters are designated as Tier II and, if applicable, that a social and economic justification is available for review.

(4) – (5) (text unchanged)

M. Public Participation.

(1) Public participation for a permit to discharge *or authorization in* [to] a Tier II watershed is the same as that required for any permit subject to the Administrative Procedure Act or the requirements of Environment Article, Title 1, Subtitle 6, Annotated Code of Maryland.

(2) – (3) (text unchanged)

N. List of Tier II Waters Based on Maryland Biological Stream Survey (fish and benthic macroinvertebrate) Index Scores.

Date	Stream Name	County	12-Digit Watershed	From Lat	From Long	To Lat	To Long	Baseline: Fish IBI	*Baseline:* Benthic IBI
2007	Black Sulphur Run 1	Allegany	021405110138	39.66571	-78.49952	39.65183	-78.47808	4.33	4.25
2007	Elklick Run 1	Allegany	021410040090	39.57690	-78.91140	39.57095	-78.93507	4.00	4.50
2026	*Evitts Creek 1*	*Allegany*	*021410020104*	*39.662211*	*-78.721069*	*39.644842*	*-78.732004*	*5.00*	*4.25*
2007	Fifteenmile Creek 1	Allegany	021405110137	39.71230	-78.44577	39.70747	-78.45106	4.67	4.25
2003	Fifteenmile Creek 3	Allegany	021405110135	39.64046	-78.39719	39.63082	-78.38600	5.00	4.25
2007	Fifteenmile Creek 4	Allegany	021405110137	39.71921	-78.44378	39.71230	-78.44577	4.67	4.00
2007	Fifteenmile Creek 5	Allegany	021405110137	39.70188	-78.44975	39.69293	-78.45128	4.67	4.25
2011	Fifteenmile Creek 6	Allegany	021405110135	39.65610	-78.40009	39.65591	-78.39701	4.67	4.00

2007	Town Creek 1	Allegany	021405120122	39.54048	-78.54280	39.52337	-78.54404	4.67	4.25
2007	White Sulphur Run 1	Allegany	021405110137	39.65183	-78.47808	39.66107	-78.45709	4.00	4.25
2003	Sideling Hill Creek 1	Allegany, Washington	021405100148	39.66097	-78.36225	39.63948	-78.33408	4.67	4.25
2021	Wilson Owens Branch 1	Anne Arundel	021311020914	38.825626	-76.68624	38.825834	-76.697119	4.67	4.14
2026	*Midway Branch 1*	*Anne Arundel*	*021311050949*	*39.075195*	*-76.728378*	*39.059119*	*-76.731594*	*4.00*	*4.14*
2003	Lyons Creek 1	Anne Arundel, Calvert	021311020910	38.76807	-76.62204	38.76693	-76.63353	5.00	4.71
2011	Lyons Creek 3	Anne Arundel, Calvert	021311020909	38.76472	-76.65905	38.75572	-76.67206	4.33	4.00
2009	Patuxent River 1	Anne Arundel, Prince George's	021311040937	39.01110	-76.73676	39.00709	-76.73319	4.00	4.71
2007	Beetree Run 1	Baltimore Co.	021308050311	39.68323	-76.66591	39.66633	-76.67247	4.33	5.00
2007	Blackrock Run 1	Baltimore Co.	021308050303	39.54230	-76.73384	39.52739	-76.72217	4.67	4.00
2021	Bush Cabin Run 1	Baltimore Co.	021308050306	39.599083	-76.707107	39.61048	-76.681793	4.00	4.84
2007	Cooks Branch 1	Baltimore Co.	021309071048	39.43616	-76.84026	39.43789	-76.86894	4.67	4.84
2007	Cooks Branch 2	Baltimore Co.	021309071048	39.43792	-76.86879	39.43825	-76.87277	4.84	5.00
2021	Deer Creek 1	Baltimore Co.	021202020332	39.713068	-76.597628	39.70742	-76.590096	4.67	4.33
2021	Deer Creek 9	Baltimore Co.	021202020332	39.72117	-76.609265	39.713068	-76.597628	4.67	4.67
2007	Delaware Run 1	Baltimore Co.	021308050303	39.49910	-76.77293	39.50196	-76.76216	4.00	4.33
2011	Harris Mill Creek 1	Baltimore Co.	021202020332	39.71528	-76.62412	39.71307	-76.59763	4.67	4.00
2003	Keysers Run 1	Baltimore Co.	021309071048	39.46914	-76.83976	39.47156	-76.87929	5.00	4.00
2008	Little Falls 1	Baltimore Co.	021308050309	39.62193	-76.63046	39.61385	-76.62302	4.33	4.00
2007	North Branch Patapsco River UT 1	Baltimore Co.	021309071048	39.48558	-76.84373	39.49465	-76.86359	4.67	4.67
2011	North Branch Patapsco River UT 2	Baltimore Co.	021309071048	39.494629	-76.86357	39.49571	-76.837947	4.17	4.56
2007	Peggys Run 1	Baltimore Co.	021308060314	39.60906	-76.79718	39.61597	-76.79254	5.00	4.00
2007	Peggys Run UT 1	Baltimore Co.	021308060314	39.60402	-76.82804	39.60906	-76.79718	5.00	4.67
2007	Red Run 1	Baltimore Co.	021309051045	39.41111	-76.81224	39.40074	-76.79887	4.67	4.17
2005	Timber Run 1	Baltimore Co.	021309071048	39.44400	-76.84151	39.43794	-76.86878	4.48	4.57
2007	Gunpowder Falls 1	Baltimore Co., Carroll	021308060316	39.69574	-76.80339	39.68389	-76.76963	4.00	4.50
2011	Murphy Run 1	Baltimore Co., Carroll	021308060314	39.62639	-76.83087	39.62004	-76.81855	5.00	4.00
2007	First Mine Branch 1	Baltimore Co., Harford	021308050309	39.62700	-76.55549	39.62524	-76.59857	4.33	4.33
2003	Little Gunpowder Falls 1	Baltimore Co., Harford	021308040298	39.50453	-76.42982	39.48592	-76.42739	4.00	4.33

2003	Little Gunpowder Falls 2	Baltimore Co., Harford	021308040298	39.48150	-76.42516	39.47306	-76.40243	4.33	4.17
2008	Little Gunpowder Falls 3	Baltimore Co., Harford	021308040298	39.52930	-76.51334	39.52561	-76.49405	4.00	4.00
2011	Little Gunpowder Falls 4	Baltimore Co., Harford	021308040298	39.47306	-76.40243	39.46108	-76.39091	4.00	4.33
2026	*Little Gunpowder Falls 5*	*Baltimore Co., Harford*	*021308040298*	*39.512866*	*-76.465498*	*39.504559*	*-76.429824*	*4.00*	*4.00*
2026	*Hunting Creek 2*	*Calvert*	*021311010889*	*38.580859*	*-76.561761*	*38.582445*	*-76.600535*	*4.33*	*4.71*
2007	Choptank River UT 1	Caroline	021304040494	38.89921	-75.80250	38.90032	-75.82887	4.33	4.43
2007	Faulkner Branch 1	Caroline	021303060611	38.71178	-75.79381	38.71002	-75.77321	4.00	4.71
2007	Forge Branch 1	Caroline	021304040505	38.99411	-75.81912	38.96356	-75.82510	4.67	4.14
2008	Herring Run 1 (Caroline Co.)	Caroline	021304040490	38.85163	-75.78393	38.84814	-75.80201	5.00	4.43
2008	Hog Creek 1	Caroline	021304040484	38.75614	-75.90846	38.78274	-75.93954	5.00	4.71
2007	Hunting Creek 1	Caroline	021304030471	38.71848	-75.88225	38.70389	-75.89296	4.33	4.43
2009	Marsh Creek 1	Caroline	021304040476	38.71487	-75.93561	38.70310	-75.94396	4.00	4.71
2007	Robins Creek 1	Caroline	021304040486	38.79651	-75.84430	38.81482	-75.86926	4.67	4.43
2008	Sullivan Branch 1	Caroline	021303060614	38.75398	-75.78257	38.72927	-75.76085	4.33	4.43
2008	Tull Branch 1	Caroline	021303060613	38.74128	-75.79902	38.71843	-75.77007	4.33	4.14
2008	Watts Creek 1	Caroline	021304040492	38.87704	-75.78880	38.85750	-75.81524	4.67	5.00
2008	Tuckahoe River 1	Caroline, Queen Anne's	021304050531	38.99067	-75.92972	38.98128	-75.93486	4.67	5.00
2016	Tuckahoe River 2	Caroline, Queen Anne's	021304050533	38.98128	-75.93486	38.97278	-75.93518	4.67	5.00
2007	Beaver Run 1	Carroll	021309071057	39.52564	-76.94339	39.51553	-76.93306	4.67	4.00
2012	Beaver Run 2	Carroll	021309071057	39.51555	-76.93302	39.50302	-76.91245	4.50	4.00
2007	Gillis Falls 1	Carroll	021309081030	39.41843	-77.07169	39.41370	-77.07350	5.00	4.33
2003	Gillis Falls 2	Carroll	021309081025	39.38573	-77.08755	39.36202	-77.06503	4.67	4.00
2007	Joe Branch 1	Carroll	021309071050	39.49684	-76.98763	39.47308	-76.98504	5.00	4.67
2026	*Liberty Reservoir UT 1*	*Carroll*	*021309071046*	*39.417152*	*-76.93786*	*39.413105*	*-76.924651*	*4.33*	*4.17*
2007	Little Morgan Run 1	Carroll	021309071049	39.44303	-77.00405	39.43667	-76.98714	5.00	5.00
2008	Little Morgan Run 2	Carroll	021309071049	39.43418	-76.97782	39.42667	-76.96086	4.00	4.33
2003	Little Morgan Run UT 1	Carroll	021309071049	39.44732	-77.02609	39.44303	-77.00405	5.00	5.00
2007	Little Morgan Run UT 2	Carroll	021309071049	39.45284	-76.99936	39.43667	-76.98714	4.33	4.00
2008	Middle Run 1	Carroll	021309071056	39.49246	-76.94485	39.47679	-76.92717	5.00	4.33
2007	Morgan Run 1	Carroll	021309071050	39.47892	-76.99912	39.47308	-76.98504	4.33	4.00
2007	Morgan Run UT 1	Carroll	021309071047	39.41909	-76.94624	39.42504	-76.94703	4.67	4.00
2007	North Branch Patapsco River 1	Carroll	021309071048	39.52245	-76.87527	39.51010	-76.88719	4.00	4.17

2009	Piney Branch 2 (Carroll Co.)	Carroll	021309081026	39.37318	-77.01189	39.35703	-76.99621	4.67	4.00
2007	South Branch Gunpowder Falls UT 1	Carroll	021308060317	39.66661	-76.88386	39.70835	-76.85661	5.00	4.00
2007	South Branch Patapsco River 1	Carroll, Howard	021309081025	39.36322	-77.07507	39.36202	-77.06503	5.00	4.00
2007	Basin Run 1	Cecil	021202030344	39.65615	-76.08164	39.65530	-76.11020	4.33	4.67
2007	Big Elk Creek 1	Cecil	021306060386	39.66985	-75.82816	39.66294	-75.82655	4.00	4.33
2007	Big Elk Creek 2	Cecil	021306060386	39.66297	-75.82656	39.61737	-75.82005	4.67	4.43
2007	Gramies Run 1	Cecil	021306060387	39.70360	-75.85958	39.66983	-75.82808	4.50	4.67
2003	Little North East Creek 1	Cecil	021306080377	39.72566	-75.95853	39.66625	-75.93462	4.67	4.67
2007	Mill Creek 1	Cecil	021202010319	39.58515	-76.05275	39.56460	-76.06549	4.00	4.33
2007	Principio Creek 1	Cecil	021306090380	39.64415	-76.03558	39.61434	-76.03344	4.67	4.00
2007	Principio Creek 2	Cecil	021306090380	39.59454	-76.02519	39.58707	-76.02894	4.00	4.67
2009	Principio Creek 3	Cecil	021306090380	39.58703	-76.02897	39.57064	-76.03058	4.33	4.00
2003	Principio Creek UT 1	Cecil	021306090380	39.61544	-76.05885	39.60709	-76.03070	4.22	4.89
2007	Hill Top Fork UT 1	Charles	021401100775	38.48924	-77.16391	38.46113	-77.15144	4.33	4.43
2008	Hoghole Run 1	Charles	021401090773	38.51805	-77.03583	38.50957	-77.02469	4.13	4.60
2009	Jennie Run 1	Charles	021401090774	38.56786	-76.98150	38.54646	-77.01716	4.33	4.29
2016	Marbury Run 1	Charles	021401110780	38.56780	-77.14674	38.57919	-77.15872	4.33	4.14
2026	*Mattawoman Creek 3*	*Charles*	*021401110784*	*38.600005*	*-77.051782*	*38.596301*	*-77.055239*	*4.33*	*4.71*
2007	Mattawoman Creek UT 1	Charles	021401110780	38.53477	-77.16806	38.54767	-77.17246	4.00	4.43
2003	Mattawoman Creek UT 2	Charles	021401110780	38.53761	-77.18100	38.55605	-77.19043	4.33	4.71
2008	Mattawoman Creek UT 3	Charles	021401110781	38.56562	-77.13269	38.58862	-77.12501	4.67	4.43
2009	Mill Dam Run 1	Charles	021401080767	38.56503	-76.83737	38.56415	-76.84207	4.67	4.71
2008	Mill Run 3 (Charles Co.)	Charles	021401100779	38.49943	-77.08434	38.47626	-77.08420	4.11	4.62
2011	Mill Run 5	Charles	021401100779	38.52755	-77.078741	38.52029	-77.090089	4.00	4.43
2007	Mill Run UT 1 (Charles Co.)	Charles	021401100779	38.51104	-77.10720	38.50039	-77.08561	4.50	4.29
2008	Nanjemoy Creek 1	Charles	021401100777	38.42378	-77.21466	38.41522	-77.20368	4.00	4.86
2003	Old Womans Run 1	Charles	021401110784	38.59669	-77.02960	38.59612	-77.05501	4.33	4.71
2007	Old Womans Run 2	Charles	021401110784	38.59708	-77.00973	38.59669	-77.02960	4.67	4.43
2007	Piney Branch 1 (Charles Co.)	Charles	021401080764	38.56180	-76.87701	38.55004	-76.87041	4.33	4.43
2008	Potomac River UT 1	Charles	021401020789	38.46814	-77.24377	38.47086	-77.26168	4.67	4.14
2011	Potomac River UT 2	Charles	021401020789	38.48546	-77.23682	38.47495	-77.25927	4.00	4.43
2007	Reeder Run 1	Charles	021401020789	38.50839	-77.18502	38.51782	-77.20231	4.84	4.29

2003	Reeder Run 2	Charles	021401020789	38.51592	-77.21343	38.53274	-77.22703	4.33	4.71
2016	Reeder Run 3	Charles	021401020789	38.50269	-77.18977	38.50940	-77.20911	4.78	4.52
2012	Swanson Creek 4	Charles	021311010892	38.56522	-76.76043	38.56323	-76.75701	4.00	4.60
2026	*Swanson Creek 5*	*Charles*	*021311010892*	*38.563238*	*-76.757015*	*38.559577*	*-76.74505*	*4.33*	*4.14*
2007	Swanson Creek UT 1	Charles	021311010892	38.55236	-76.77384	38.56324	-76.75700	4.67	4.43
2003	Wards Run 1	Charles	021401100778	38.51808	-77.13581	38.51012	-77.14786	4.67	4.71
2009	Wards Run 2	Charles	021401100778	38.50346	-77.15071	38.48449	-77.13184	4.00	4.71
2003	Wolf Den Branch 1	Charles	021401080769	38.63601	-76.82109	38.62192	-76.82043	4.33	4.71
2003	Zekiah Swamp Run 1	Charles	021401080769	38.63464	-76.79846	38.62196	-76.82036	4.33	4.14
2007	Zekiah Swamp Run 2	Charles	021401080768	38.60216	-76.83388	38.59608	-76.83771	4.67	4.71
2003	Zekiah Swamp Run 3	Charles	021401080765	38.58953	-76.84107	38.56355	-76.85086	4.50	4.57
2007	Zekiah Swamp Run 4	Charles	021401080760	38.52679	-76.90389	38.51257	-76.91427	4.67	4.43
2007	Zekiah Swamp Run 5	Charles	021401080760	38.49396	-76.92612	38.48639	-76.92853	4.00	4.71
2007	Zekiah Swamp Run 6	Charles	021401080768	38.61391	-76.83263	38.60216	-76.83388	4.00	4.43
2012	Zekiah Swamp Run 7	Charles	021401080768	38.61910	-76.82968	38.61393	-76.83266	4.17	4.86
2003	Zekiah Swamp Run UT 1	Charles	021401080762	38.52253	-76.87598	38.52817	-76.89208	5.00	4.43
2007	Zekiah Swamp Run UT 2	Charles	021401080766	38.61249	-76.86986	38.58952	-76.84111	4.34	4.00
2008	Zekiah Swamp Run UT 3	Charles	021401080763	38.54068	-76.83338	38.55595	-76.86021	4.33	4.14
2008	Mattawoman Creek 1	Charles, Prince George's	021401110786	38.65497	-76.93916	38.65767	-76.98456	5.00	4.43
2012	Mattawoman Creek 2	Charles, Prince George’s	021401110786	38.65234	-76.90833	38.65252	-76.91689	4.00	4.14
2003	Swanson Creek 1	Charles, Prince George's	021311010893	38.60760	-76.74634	38.58927	-76.74244	4.67	5.00
2007	Swanson Creek 2	Charles, Prince George's	021311010890	38.55844	-76.74044	38.55404	-76.72821	4.67	4.14
2007	Swanson Creek 3	Charles, Prince George's	021311010893	38.58927	-76.74244	38.55844	-76.74044	4.67	4.43
2016	Wolf Den Branch 2	Charles, Prince George's	021401080769	38.67283	-76.80444	38.63902	-76.81987	4.00	4.43
2007	Smoots Pond Run 1	Charles, Saint Mary's	021401070751	38.47788	-76.79137	38.49444	-76.80455	5.00	4.43
2007	Blinkhorn Creek 1	Dorchester	021304030467	38.65297	-75.90070	38.65195	-75.93188	4.33	4.71
2003	Davis Millpond Branch 1	Dorchester	021303060607	38.66525	-75.75797	38.67465	-75.77339	4.67	5.00
2008	Skinners Run 1	Dorchester	021303060608	38.67503	-75.82252	38.66851	-75.81497	4.00	4.29
2003	Big Hunting Creek 1	Frederick	021403030251	39.62634	-77.45965	39.60990	-77.41044	4.33	4.25
2026	*Catoctin Creek 1*	*Frederick*	*021403050215*	*39.439952*	*-77.559737*	*39.417561*	*-77.569495*	*4.33*	*4.25*
2008	High Run 1	Frederick	021403030251	39.60468	-77.46215	39.60823	-77.41093	4.00	4.50
2007	Talbot Branch UT 1	Frederick	021403020238	39.46420	-77.13548	39.45535	-77.16043	4.33	4.25

2007	Weldon Creek 1	Frederick	021403020238	39.47694	-77.15018	39.47488	-77.16046	4.00	4.00
2007	Bear Creek 2	Garrett	050202010018	39.65484	-79.36376	39.65316	-79.38472	4.67	4.00
2008	Bear Creek 3	Garrett	050202010018	39.66006	-79.32011	39.65441	-79.33055	4.67	4.25
2008	Bear Creek 4	Garrett	050202010016	39.56476	-79.32195	39.65018	-79.28886	4.22	4.39
2007	Bear Creek 5	Garrett	050202010018	39.65593	-79.33884	39.65482	-79.36370	4.67	4.00
2003	Bear Creek UT 1	Garrett	050202010018	39.64821	-79.34058	39.65559	-79.33808	5.00	4.50
2007	Bear Pen Run 1	Garrett	021410060077	39.59163	-79.14355	39.57341	-79.12028	4.75	4.25
2016	Big Run 1	Garrett	021410060078	39.58348	-79.17124	39.55629	-79.15005	4.88	4.13
2007	Big Run UT 1	Garrett	021410060078	39.57835	-79.19349	39.58348	-79.17124	4.00	4.75
2007	Blacklick Run 1	Garrett	021410060080	39.63910	-79.09647	39.61727	-79.08702	4.00	4.25
2026	*Blacklick Run 2*	*Garrett*	*021410060080*	*39.61724*	*-79.087043*	*39.602105*	*-79.078425*	*4.00*	*4.50*
2007	Buffalo Run 1	Garrett	050202010019	39.68685	-79.40998	39.69053	-79.40417	4.67	4.00
2008	Buffalo Run 2	Garrett	050202010019	39.69264	-79.43757	39.68915	-79.42334	4.00	4.25
2012	Buffalo Run 3	Garrett	050202010019	39.68781	-79.41738	39.68685	-79.41002	4.00	4.25
2010	Casselman River 1	Garrett	050202040034	39.66851	-79.17745	39.67513	-79.17104	4.67	4.00
2003	Crabtree Creek 1	Garrett	021410060074	39.47779	-79.19210	39.50564	-79.15474	4.47	4.30
2003	Double Lick Run 1	Garrett	021410060076	39.54257	-79.21921	39.53356	-79.20082	4.92	4.38
2007	Dry Run 1	Garrett	021410060077	39.54299	-79.17013	39.52313	-79.14385	4.00	4.50
2026	*Dunkard Lick Run 1*	*Garrett*	*050202010007*	*39.435924*	*-79.44055*	*39.437553*	*-79.418233*	*4.33*	*4.25*
2007	Hoyes Run 1	Garrett	050202010012	39.53193	-79.40384	39.52879	-79.41254	5.00	4.25
2021	Laurel Run 1	Garrett	050202010019	39.688371	-79.449636	39.6877	-79.439537	4.00	4.25
2011	Laurel Run UT 1	Garrett	021410050050	39.47897	-79.15120	39.47772	-79.11977	4.00	4.25
2003	Little Bear Creek 1	Garrett	050202010016	39.65775	-79.26858	39.65019	-79.28882	4.50	4.25
2008	Little Savage River 1	Garrett	021410060081	39.65111	-78.99097	39.59315	-79.04834	4.00	4.00
2003	Middle Fork Crabtree Creek 1	Garrett	021410060076	39.51193	-79.16195	39.51261	-79.15403	4.67	4.50
2009	Middle Fork Crabtree Creek 2	Garrett	021410060076	39.53353	-79.20087	39.53507	-79.18800	5.00	4.25
2011	Middle Fork Crabtree Creek 3	Garrett	021410060076	39.53507	-79.18800	39.51565	-79.16892	4.00	4.50
2003	Mill Run 1 (Garrett Co.)	Garrett	050202010021	39.71553	-79.34541	39.70909	-79.34891	4.21	4.56
2003	Mill Run 2 (Garrett Co.)	Garrett	050202010021	39.70907	-79.36308	39.71472	-79.38469	4.67	4.00
2003	Mill Run 4 (Garrett Co.)	Garrett	050202010021	39.71883	-79.30088	39.71553	-79.34541	5.00	4.58
2011	Mill Run UT 2 (Garrett Co.)	Garrett	050202010021	39.71594	-79.27141	39.71849	-79.30071	4.50	4.50
2003	Monroe Run 1	Garrett	021410060078	39.54471	-79.22830	39.54944	-79.14434	4.00	4.25
2003	Poplar Lick Run 1	Garrett	021410060079	39.59098	-79.10319	39.58389	-79.09140	4.50	4.38

2003	Puzzley Run 1	Garrett	50202010022	39.69028	-79.22870	39.72189	-79.23219	4.00	4.75
2011	Sand Spring Run 1	Garrett	050202010001	39.257794	-79.473281	39.272048	-79.474658	4.00	4.25
2007	Savage River 1	Garrett	021410060077	39.57974	-79.08983	39.56218	-79.11099	4.34	4.25
2003	Savage River 2	Garrett	021410060077	39.56219	-79.11102	39.54306	-79.13744	4.72	4.29
2009	Savage River 4	Garrett	021410060081	39.59811	-79.05554	39.60227	-79.07229	5.00	4.50
2007	South Branch Bear Creek 1	Garrett	050202010015	39.62367	-79.37594	39.65316	-79.38472	4.33	4.50
2007	South Branch Casselman River 1	Garrett	050202040033	39.62616	-79.19151	39.64653	-79.18124	4.67	4.00
2007	South Branch Casselman River 2	Garrett	050202040033	39.64814	-79.18152	39.66851	-79.17745	4.00	4.25
2026	*South Prong Lostland Run 1*	*Garrett*	*021410050046*	*39.381469*	*-79.276926*	*39.371498*	*-79.254668*	*4.00*	*4.25*
2011	Spring Lick Run 1	Garrett	021410060074	39.50365	-79.20005	39.49073	-79.17532	4.00	4.25
2011	Toms Spring Run 1	Garrett	021410060076	39.51704	-79.20115	39.51565	-79.16893	4.50	4.75
2016	Wolf Den Run 1	Garrett	021410050047	39.39655	-79.21193	39.38905	-79.19443	4.00	4.00
2016	Wolf Den Run UT 1	Garrett	021210050047	39.41259	-79.22063	39.39655	-79.21193	4.00	4.00
2007	Youghiogheny River UT 1	Garrett	050202010020	39.67943	-79.35317	39.68632	-79.38164	4.00	4.00
2007	Broad Creek 1	Harford	021202050339	39.67899	-76.35243	39.66468	-76.32487	4.00	4.17
2026	*Broad Creek UT 1*	*Harford*	*021202050341*	*39.667509*	*-76.400982*	*39.686483*	*-76.37485*	*4.33*	*4.00*
2008	Bynum Run UT 1	Harford	021307041131	39.50923	-76.27523	39.50505	-76.28355	4.33	4.00
2012	Cattail Branch UT 1	Harford	021202020328	39.62017	-76.49403	39.63521	-76.49927	5.00	4.33
2007	Deer Creek 2	Harford	021202020329	39.67564	-76.45429	39.67445	-76.44291	4.00	4.67
2003	Deer Creek 3	Harford	021202020324	39.63225	-76.41051	39.61776	-76.39938	4.33	5.00
2003	Deer Creek 4	Harford	021202020322	39.59924	-76.26823	39.60333	-76.24910	4.33	4.33
2008	Deer Creek 5	Harford	021202020330	39.68097	-76.51724	39.67993	-76.50004	4.00	4.00
2008	Deer Creek 6	Harford	021202020327	39.65641	-76.43661	39.65238	-76.43784	4.00	5.00
2008	Deer Creek 7	Harford	021202020322	39.61660	-76.23174	39.62119	-76.21763	4.33	4.00
2009	Deer Creek 8	Harford	021202020327	39.64722	-76.43147	39.63217	-76.41041	4.00	4.33
2007	Deer Creek UT 1	Harford	021202020330	39.64980	-76.55578	39.67578	-76.54223	4.33	4.00
2007	Deer Creek UT 2	Harford	021202020321	39.58866	-76.20168	39.61740	-76.19373	4.33	5.00
2007	Deer Creek UT 3	Harford	021202020324	39.65935	-76.39446	39.64010	-76.35041	4.67	4.00
2007	Falling Branch 1	Harford	021202020329	39.72913	-76.46723	39.67453	-76.44299	4.00	4.33
2007	Hollands Branch 1	Harford	021202020322	39.64115	-76.24400	39.62126	-76.21756	4.00	4.67
2007	Little Deer Creek 1	Harford	021202020328	39.64640	-76.50645	39.65453	-76.49075	4.67	4.33
2008	Little Deer Creek 2	Harford	021202020328	39.65455	-76.49075	39.66009	-76.48109	4.00	4.00
2011	Little Deer Creek UT 1	Harford	021202020328	39.62878	-76.48475	39.66009	-76.48109	4.67	4.33
2008	Otter Point Creek 1	Harford	021307021130	39.43296	-76.29982	39.43281	-76.28558	4.33	4.14
2003	Wet Stone Branch 1	Harford	021202020327	39.63021	-76.45688	39.64721	-76.43147	4.67	4.33
2007	Carrolls Branch 1	Howard	021331060960	39.19818	-76.95531	39.19474	-76.93510	4.00	4.67

2007	Dorsey Branch 1	Howard	021311080968	39.28402	-77.00921	39.26105	-77.04475	4.00	5.00
2026	*Middle Patuxent River UT 1*	*Howard*	*021311060959*	*39.218897*	*-76.91128*	*39.217508*	*-76.908943*	*4.00*	*4.00*
2007	Patuxent River UT 2	Howard	021311070942	39.18842	-76.97725	39.16340	-76.97520	4.06	4.44
2007	Rocky Gorge Reservoir UT 1	Howard	021311070941	39.17385	-76.96164	39.15066	-76.96862	4.67	4.00
2007	South Branch Patapsco River UT 1	Howard	021309081022	39.34471	-76.96235	39.34836	-76.95941	4.33	5.00
2007	Cypress Branch 1	Kent	021305100427	39.30475	-75.74799	39.28812	-75.78414	4.00	4.14
2009	Cypress Branch 2	Kent	021305100427	39.28429	-75.79552	39.27214	-75.81757	4.67	4.14
2003	East Fork Langford Creek UT 1	Kent	021305060408	39.21050	-76.13505	39.19893	-76.11633	4.67	4.14
2021	Fannels Branch 1	Kent	021305060409	39.189562	-76.107898	39.187236	-76.113317	4.17	4.00
2021	Morgan Creek UT 1	Kent	021305090415	39.306198	-76.016172	39.289815	-76.020911	4.27	4.00
2010	Goshen Run UT 1	Montgomery	021402080864	39.21470	-77.17439	39.21709	-77.14649	4.00	4.75
2003	Patuxent River UT 1	Montgomery	021311080969	39.28851	-77.19257	39.28496	-77.13996	4.17	5.00
2007	Bald Hill Branch 1	Prince George's	021311030925	38.99228	-76.84371	38.92241	-76.82020	4.00	4.14
2007	Beaverdam Creek 1	Prince George's	021402050823	39.02370	-76.85045	39.02190	-76.85974	4.33	4.43
2007	Beaverdam Creek 2	Prince George's	021402050823	39.02287	-76.86218	39.01585	-76.89775	4.33	4.71
2021	District Branch 1	Prince George's	021311020917	38.866772	-76.719393	38.854804	-76.691683	4.34	4.00
2007	Mataponi Creek UT 1	Prince George's	021311020905	38.72979	-76.82511	38.71989	-76.79437	4.00	4.43
2003	Piscataway Creek 1	Prince George's	021402030803	38.73428	-76.86811	38.73258	-76.87590	4.67	4.43
2007	Piscataway Creek 2	Prince George's	021402030799	38.70638	-76.97208	38.69906	-76.98589	4.33	4.14
2026	*Piscataway Creek 3*	*Prince George's*	*021402030803*	*38.732778*	*-76.876734*	*38.731558*	*-76.886015*	*4.00*	*4.14*
2007	Rock Creek 1	Prince George's	021311010904	38.69443	-76.75155	38.69093	-76.72613	4.67	4.71
2021	Timothy Branch 1	Prince George’s	021401110787	38.710667	-76.854371	38.664667	-76.878959	4.50	4.14
2009	Turkey Branch 1	Prince George's	021311030921	38.84980	-76.84000	38.85763	-76.78847	4.67	4.14
2008	Alder Branch 1	Queen Anne's	021305070395	39.07879	-76.06344	39.07197	-76.07868	4.67	4.71
2003	Andover Branch 1	Queen Anne's	021305100425	39.22355	-75.76977	39.23043	-75.78289	4.17	4.57
2009	Andover Branch 2	Queen Anne's	021305100425	39.23044	-75.78285	39.24174	-75.79593	4.33	5.00
2007	Andover Branch UT 1	Queen Anne's	021305100425	39.21407	-75.80767	39.24699	-75.82277	4.67	4.71
2007	Blockston Branch UT 1	Queen Anne's	021304050529	38.98971	-75.99870	38.98086	-75.97180	4.00	4.14
2003	Browns Branch 3	Queen Anne's	021305080403	39.15968	-75.92076	39.16360	-75.95177	4.33	5.00
2007	Granny Finley Branch 1	Queen Anne's	021305080399	39.08786	-75.95688	39.11766	-76.04025	4.00	4.00
2011	Gravel Run 1	Queen Anne's	021305070397	39.03535	-76.03710	39.05027	-76.06391	4.00	4.02
2011	Island Creek 1	Queen Anne's	021305080398	39.08896	-76.05355	39.11732	-76.06863	4.33	4.14
2008	Mill Stream Branch 1	Queen Anne's	021305070396	39.01998	-76.03938	39.02288	-76.06394	4.67	4.43

2007	Norwich Creek 1	Queen Anne's	021304050522	38.97574	-76.01146	38.95164	-75.99614	4.67	4.71
2011	Norwich Creek 3	Queen Anne's	021304050522	38.94203	-75.99741	38.92547	-75.97541	4.00	4.14
2003	Red Lion Branch 1	Queen Anne's	021305100419	39.22756	-75.90160	39.23418	-75.90438	4.22	4.43
2003	Red Lion Branch 2	Queen Anne's	021305100419	39.18442	-75.89387	39.20305	-75.89646	4.27	4.43
2007	Red Lion Branch 3	Queen Anne's	021305100419	39.20657	-75.89344	39.22756	-75.90160	4.50	4.57
2007	Red Lion Branch UT 1	Queen Anne's	021305100420	39.17411	-75.86903	39.18442	-75.89387	4.33	4.14
2007	Southeast Creek 1	Queen Anne's	021305060401	39.13192	-75.97889	39.13975	-75.98786	4.67	4.43
2008	Southeast Creek 2	Queen Anne's	021305080401	39.13989	-75.98794	39.14592	-75.98986	4.17	4.29
2008	Southeast Creek UT 2	Queen Anne's	021305080401	39.11759	-75.95646	39.11650	-75.96562	4.33	4.71
2008	Southeast Creek UT 3	Queen Anne's	012305080401	39.11651	-75.96563	39.13035	-75.97788	4.44	4.71
2007	Three Bridges Branch 1	Queen Anne's	021305070397	39.05323	-76.03293	39.05027	-76.06391	4.17	4.43
2007	Wye East River UT 1	Queen Anne's	021305030436	38.98305	-76.08860	38.94966	-76.10908	4.67	4.71
2008	Wye East River UT2	Queen Anne's	021305030436	38.99155	-76.03511	38.99231	-76.07751	4.00	4.14
2011	Norwich Creek 2	Queen Anne's/Talbot	021304050522	38.92547	-75.97541	38.91998	-75.96930	4.33	4.71
2007	Burnt Mill Creek 1	Saint Mary's	021401040724	38.36375	-76.65992	38.34639	-76.64235	4.00	4.43
2007	Burnt Mill Creek UT 1	Saint Mary's	021401040724	38.38129	-76.66945	38.37031	-76.65860	4.00	4.71
2007	Chaptico Run 1	Saint Mary's	021401060736	38.37100	-76.75610	38.36489	-76.78197	4.67	4.43
2012	Fisherman Creek 1	Saint Marys	021401030712	38.21065	-76.40307	38.19762	-76.41925	4.67	4.00
2008	Forrest Hall Branch 1	Saint Mary's	021401060742	38.42298	-76.72010	38.38460	-76.74243	5.00	4.14
2007	Hayden Run 1	Saint Mary's	021401060742	38.43916	-76.73770	38.41884	-76.74437	4.33	4.43
2009	Hillton Run 1	Saint Mary's	021401030715	38.24596	-76.46944	38.22383	-76.46161	4.00	4.43
2007	Johns Creek 1	Saint Mary's	021401030714	38.23144	-76.52353	38.23587	-76.49717	4.34	4.43
2008	McIntosh Run 1	Saint Mary's	021401040721	38.32959	-76.63552	38.32555	-76.64338	4.00	4.86
2008	McIntosh Run 2	Saint Mary's	021401040721	38.32555	-76.64337	38.31354	-76.65517	4.00	4.43
2007	Saint Clements Bay UT 1	Saint Mary's	021401050726	38.32481	-76.69673	38.29953	-76.71233	4.33	4.71
2007	Saint Clements Creek 1	Saint Mary's	021401050728	38.34856	-76.73058	38.33257	-76.72384	4.17	4.43
2011	Saint Clements Creek 2	Saint Mary's	021401050730	38.358656	-76.727069	38.348588	-76.730607	4.33	4.71
2007	Saint Mary's River 1	Saint Mary's	021401030717	38.27485	-76.51438	38.25265	-76.50721	4.00	4.71
2010	Saint Mary's River UT 3	Saint Mary's	021401030719	38.27771	-76.51543	38.30595	-76.52726	4.00	4.43
2003	Warehouse Run 1	Saint Mary's	021401030714	38.20522	-76.49843	38.22150	-76.48619	4.67	4.43
2007	Dividing Creek 1	Somerset, Worcester	021302040064	38.21149	-75.57593	38.18183	-75.54768	4.33	5.00
2026	*Loretta Branch 1*	*Somerset*	*021302080661*	*38.223436*	*-75.672699*	*38.207113*	*-75.693784*	*4.67*	*4.43*
2007	Highfield Creek 1	Talbot	021304050517	38.89321	-75.97110	38.89050	-75.96166	4.17	4.72
2007	Jadwins Creek 1	Talbot	021304050516	38.84859	-75.97328	38.83436	-75.93300	4.00	4.43
2007	Kings Creek 1	Talbot	021304040473	38.79141	-76.02193	38.79367	-75.99319	4.67	4.71
2007	Skipton Creek UT 1	Talbot	021305030434	38.88226	-76.04616	38.87955	-76.05344	4.00	4.43
2003	Adkins Race 1	Wicomico	021302030648	38.33427	-75.37668	38.31965	-75.35493	4.67	4.15

2008	Little Burnt Branch 1	Wicomico	021303040567	38.43934	-75.62701	38.41103	-75.59458	4.00	5.00
2007	Nassawango Creek 1	Wicomico	021302050668	38.31299	-75.46914	38.30312	-75.46400	4.17	4.57
2007	Plum Creek 1	Wicomico	021303050584	38.51243	-75.70759	38.53541	-75.74588	4.00	4.43
2010	Little Mill Creek 1	Worcester	021301060672	38.02677	-75.46306	38.04621	-75.42736	4.00	4.71
2007	Nassawango Creek 2	Worcester	021302050668	38.28361	-75.45386	38.25998	-75.46283	4.67	4.21
2008	Nassawango Creek 3	Worcester	021302050667	38.26000	-75.46286	38.23505	-75.47196	4.56	4.62