

2025 Triennial Review of Water Quality Standards
Documentation of Changes to the List of Tier II High Quality Waters



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Statement of Purpose

The purpose of this document is to highlight and provide the detail which explains the changes made to the list of Tier II waters found in Code of Maryland Regulations (COMAR) 26.08.02.04-2 N.

This document was created in preparation for Maryland's 2025 Triennial Review of Water Quality Standards (TR) so as to provide supporting information that explains the reasoning behind changes to Maryland's list of Tier II waters. As such, this document will accompany the proposed regulation changes and be provided to the public for review and comment at the same time. Since this document memorializes these changes, it should therefore be saved in any location where information on the 2025 TR is stored and in any location where information on Tier II waters designation is stored.

Clarification of Regulatory References

As part of the regulatory changes associated with Maryland's 2025 Triennial Review of Water Quality Standards, the Tier II Antidegradation Policy Implementation Procedures will be described in COMAR 26.08.02.04-2. Thus, when this document refers to how these changes to Tier II designations will be reflected in the list of Tier II waters of the revised regulations it will refer to the Tier II Antidegradation Policy Implementation Procedures as existing in COMAR 26.08.02.04-2 with the list of Tier II waters being found in section N.

Steps in Identifying Necessary Corrections and New Tier II Waters Identified

Using data collected from the Department of Natural Resources (DNR), Maryland Department of the Environment Field Office (MDE), and private environmental consulting organizations, stream biology was assessed using Maryland Biological Stream Survey (MBSS) protocol. Using MBSS historical data up to 2024, all streams were reassessed to determine if any new additions should be made to the Tier II list. Fifteen segments were found that have scores high enough to be newly designated as Tier II in COMAR 26.08.02.04-2.

Summary of Modifications to the Tier II List in COMAR 26.08.02.04-2 N

The tables immediately below provide brief descriptions of the changes proposed to the list of Tier II waters in COMAR 26.08.02.04-2 N. This document describes changes made to the list of Tier II waters which include newly designated Tier II stream segments. These changes are discussed in further detail within the following sections of this document.

Table 1. Newly Designated Tier II Stream segments.

Tier II Stream Name	County	From Lat	From Long	To Lat	To Long	Reason for Proposed Adjustment	Summary
Blacklick Run 2	Garrett	39.61724	-79.087043	39.602105	-79.078425	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
Broad Creek UT 1	Harford	39.667509	-76.400982	39.686483	-76.37485	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
Catoctin Creek 1	Frederick	39.439952	-77.559737	39.417561	-77.569495	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
Dunkard Lick Run 1	Garrett	39.435924	-79.44055	39.437553	-79.418233	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
Evitts Creek 1	Allegany	39.662211	-78.721069	39.644842	-78.732004	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
Hunting Creek 2	Calvert	38.580859	-76.561761	38.582445	-76.600535	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
Liberty Reservoir UT 1	Carroll	39.417152	-76.93786	39.413105	-76.924651	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
Little Gunpowder Falls 5	Baltimore , Harford	39.512866	-76.465498	39.504559	-76.429824	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
Loretta Branch 1	Somerset	38.223436	-75.672699	38.207113	-75.693784	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation

Tier II Stream Name	County	From Lat	From Long	To Lat	To Long	Reason for Proposed Adjustment	Summary
Mattawoman Creek 3	Charles	38.600005	-77.051782	38.596301	-77.055239	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
Middle Patuxent River UT 1	Howard	39.218897	-76.91128	39.217508	-76.908943	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
Midway Branch 1	Anne Arundel	39.075195	-76.728378	39.059119	-76.731594	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
Piscataway Creek 3	Prince Georges	38.732778	-76.876734	38.731558	-76.886015	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
South Prong Lostland Run 1	Garrett	39.38146	-79.276926	39.371498	-79.254668	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation
Swanson Creek 5	Charles	38.563238	-76.757015	38.559577	-76.74505	Newly identified Tier II stream	Recently collected data demonstrates high quality water (BIBI and FIBI $\geq$ 4.00) justifying Tier II designation

New Tier II Stream Identification

Blacklick Run 2

Table 2: Maryland Biological Stream Survey data used to identify Blacklick Run 2 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
SAVA-220-R-2023	Blacklick Run 2	39.60624	-79.0797	1494.775292	DNR	4.50	4.00	2023

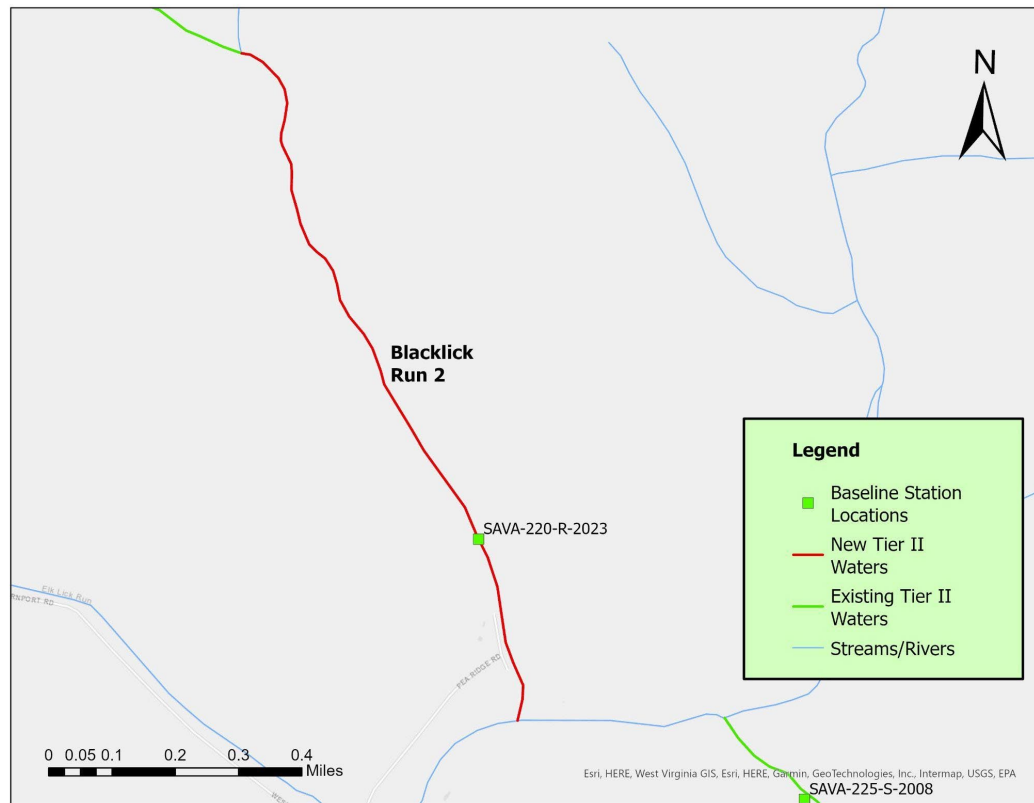


Figure 1: Map of the newly identified Tier II segment Blacklick Run 2.

Table 3: New Tier II segment Blacklick Run 2 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Blacklick Run 2	Garrett	021410060080	39.61724	-79.087043	39.602105	-79.078425	4.50	4.00

Description:

Blacklick Run 2 was designated as a Tier II water on the basis of data collected at the DNR Maryland Biological Stream Survey station (SAVA-220-R-2023) that has a BIBI score of 4.50 and a FIBI score of 4.00. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.

Broad Creek UT 1

Table 4: Maryland Biological Stream Survey data used to identify Broad Creek UT 1 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
BROA-221-R-2023	Broad Creek UT 1	39.68278	-76.376	997.163184	DNR	4.00	4.33	2023

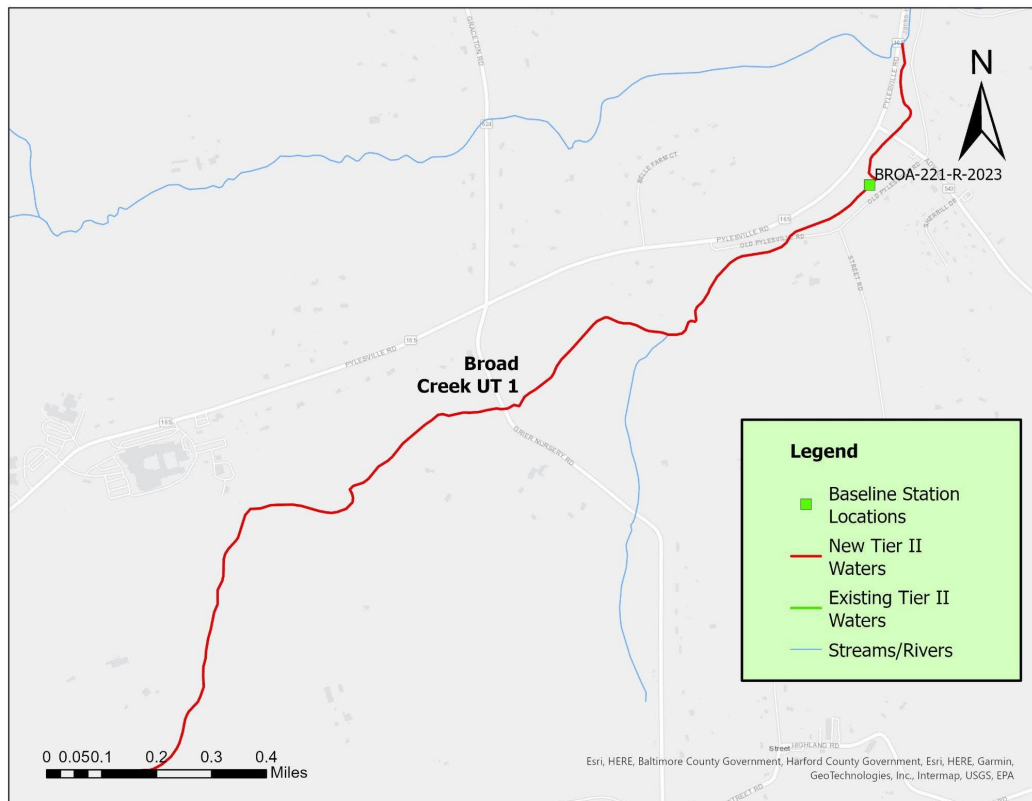


Figure 2: Map of the newly identified Tier II segment Broad Creek UT 1.

Table 5: New Tier II segment Broad Creek UT 1 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Broad Creek UT 1	Harford	021202050341	39.667509	-76.400982	39.686483	-76.37485	4.00	4.33

Description:

Broad Creek UT 1 was designated as a Tier II water on the basis of data collected at the DNR Maryland Biological Stream Survey station (BROA-221-R-2023) that has a BIBI score of 4.00 and a FIBI score of 4.33. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.

Catoctin Creek 1

Table 6: Maryland Biological Stream Survey data used to identify Catoctin Creek 1 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
CATO-533-R-2024	Catoctin Creek 1	39.424443	-77.559027	43343.88303	DNR	4.25	4.33	2024

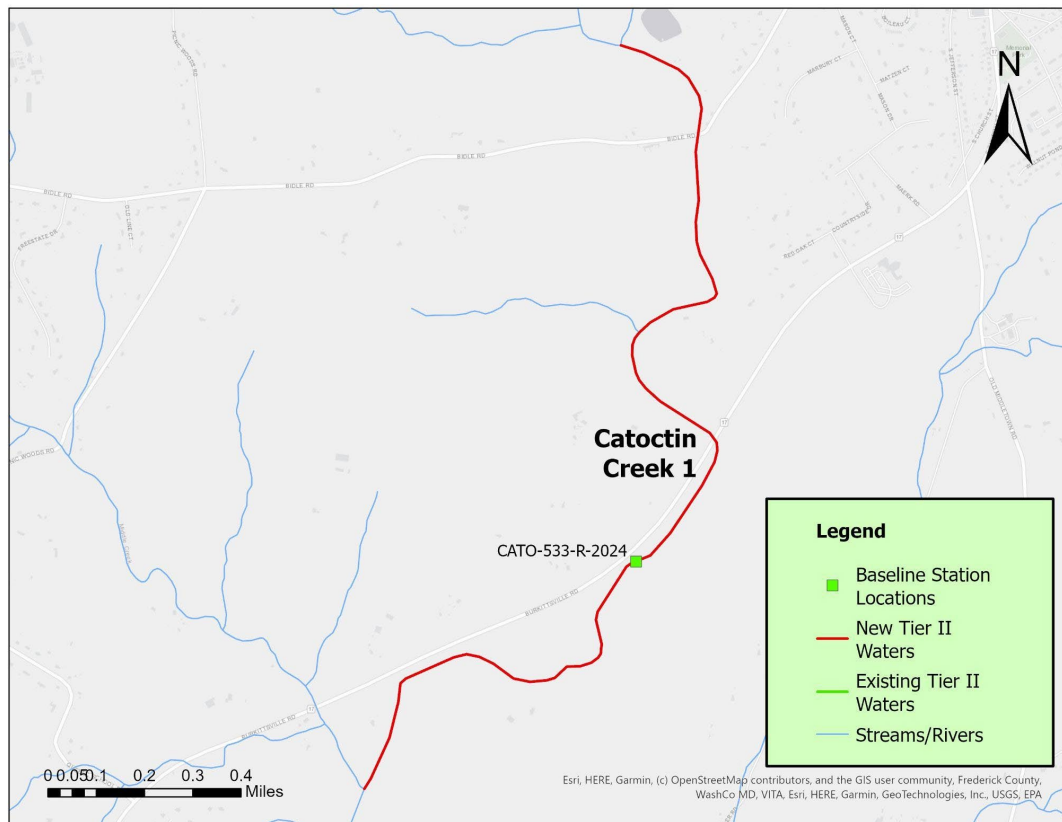


Figure 3: Map of the newly identified Tier II segment Catoctin Creek 1.

Table 7: New Tier II segment Catoctin Creek 1 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Catoctin Creek 1	Frederick	021403050215	39.439952	-77.559737	39.417561	-77.569495	4.25	4.33

Description:

Catoctin Creek 1 was designated as a Tier II water on the basis of data collected at the DNR Maryland Biological Stream Survey station (CATO-533-R-2024) that has a BIBI score of 4.25 and a FIBI score of 4.33. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.

Dunkard Lick Run 1

Table 8: Maryland Biological Stream Survey data used to identify Dunkard Lick Run 1 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
YOUG-291-A-2012	Dunkard Lick Run 1	39.43531	-79.42626	3076.322249	DNR	4.00	---	2012
YOUG 291-A-2023	Dunkard Lick Run 1	39.43673	-79.42143	3076.322249	MDE	4.50	4.33	2023

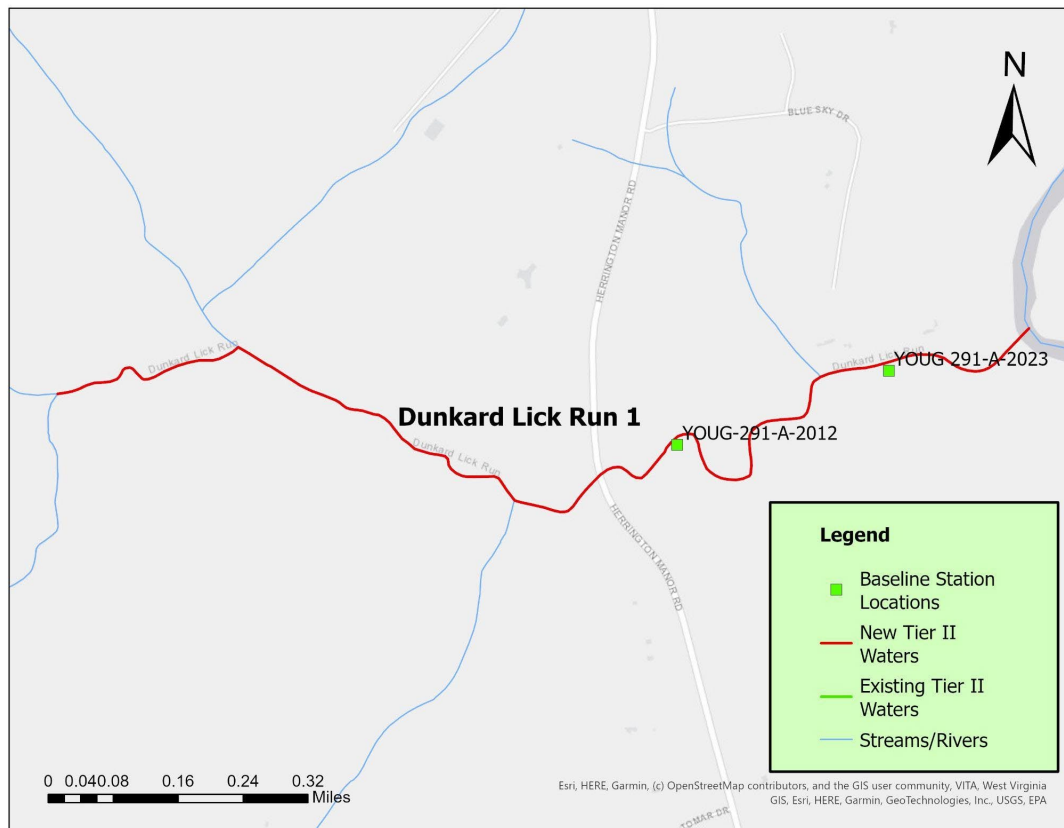


Figure 4: Map of the newly identified Tier II segment Dunkard Lick Run 1.

Table 9: New Tier II segment Dunkard Lick Run 1 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Dunkard Lick Run 1	Garrett	050202010007	39.435924	-79.44055	39.437553	-79.418233	4.25	4.33

Description:

Dunkard Lick Run 1 was designated as a Tier II water on the basis of data collected from two sampling events. The first sampling event by DNR Maryland Biological Stream Survey station (YOUG-291-A-2012) that has a BIBI score of 4.00. There is no FIBI score collected during this sampling event. The second sampling event by MDE Maryland Biological Stream Survey station (YOUG-291-A-2023) has a BIBI score of 4.50 and a FIBI score of 4.33.

To assess baseline conditions per the existing sampling efforts, the existing IBI scores are averaged and result in a singular score. The BIBI scores on this segment results in a score of 4.25. The 4.33 FIBI score is the only existing FIBI score on this segment. Since both the baseline BIBI and FIBI scores are greater than or equal to 4.00, this stream segment will be designated as Tier II.

Evitts Creek 1

Table 10: Maryland Biological Stream Survey data used to identify Evitts Creek 1 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
EVIT-522-R-2023	Evitts Creek 1	39.65886	-78.7315	58278.76287	DNR	4.25	5.00	2023

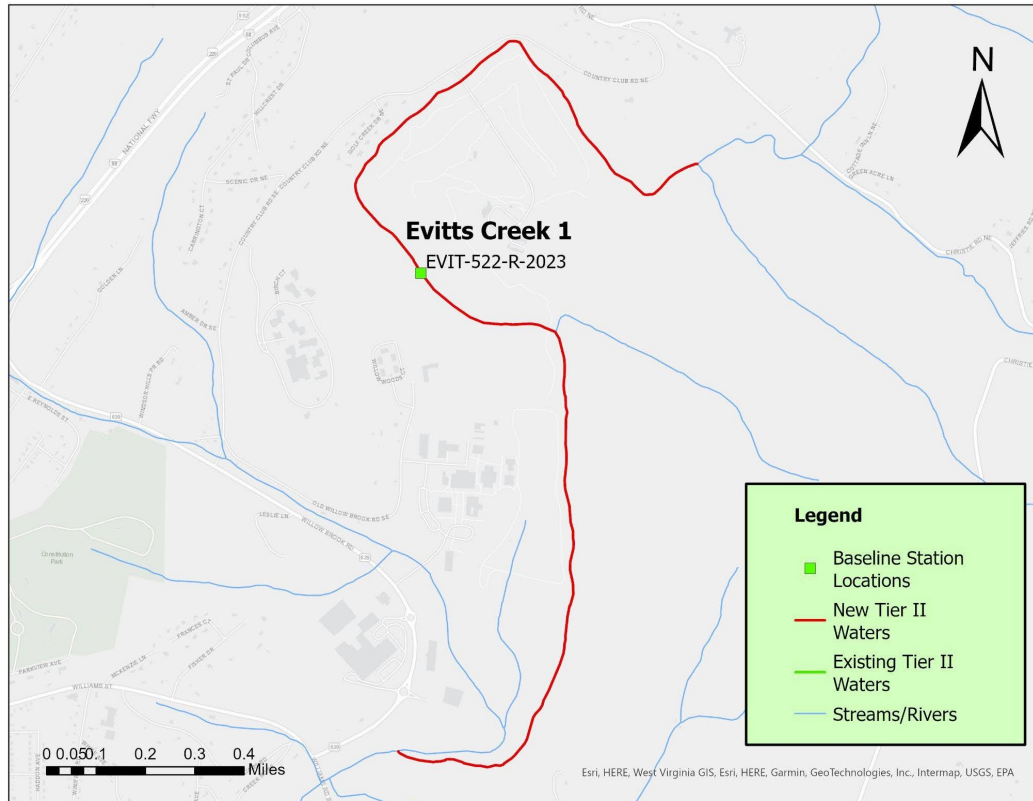


Figure 5: Map of the newly identified Tier II segment Evitts Creek 1.

Table 11: New Tier II segment Evitts Creek 1 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Evitts Creek 1	Allegany	021410020104	39.662211	-78.721069	39.644842	-78.732004	4.25	5.00

Description:

Evitts Creek 1 was designated as a Tier II water on the basis of data collected at the DNR Maryland Biological Stream Survey station (EVIT-522-R-2023) that has a BIBI score of 4.25 and a FIBI score of 5.00. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.

Hunting Creek 2

Table 12: Maryland Biological Stream Survey data used to identify Hunting Creek 2 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
PAXL-231-R-2024	Hunting Creek 2	38.589901	-76.578538	3617.151961	DNR	4.71	4.33	2024

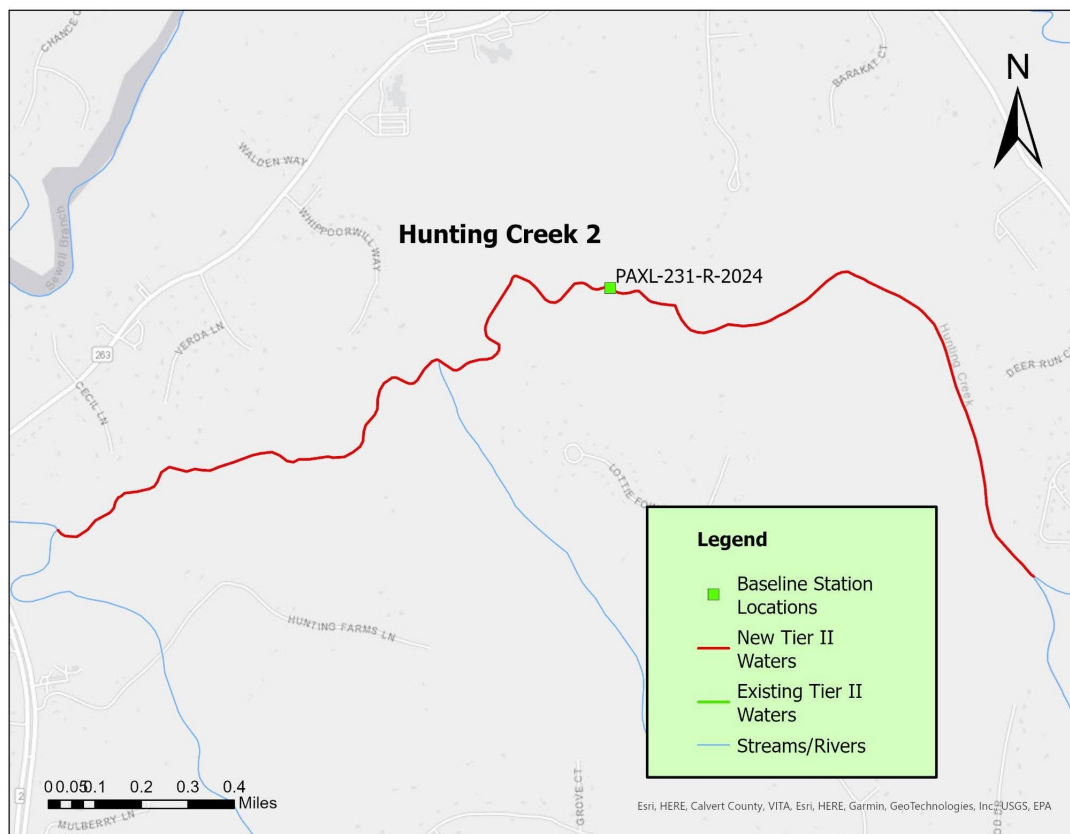


Figure 6: Map of the newly identified Tier II segment Hunting Creek 2.

Table 13: New Tier II segment Hunting Creek 2 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Hunting Creek 2	Calvert	021311010889	38.580859	-76.561761	38.582445	-76.600535	4.71	4.33

Description:

Hunting Creek 2 was designated as a Tier II water on the basis of data collected at the DNR Maryland Biological Stream Survey station (PAXL-231-R-2024) that has a BIBI score of 4.71 and a FIBI score of 4.33. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.

Liberty Reservoir UT 1

Table 14: Maryland Biological Stream Survey data used to identify Liberty Reservoir UT 1 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
LIBE-195-X-2011	Liberty Reservoir UT 1	39.41326	-76.925061	449.414016	DNR	4.33	—	2011
LIBE-195-A-2023	Liberty Reservoir UT 1	39.41383	-76.92539	449.414016	MDE	4.00	4.33	2023

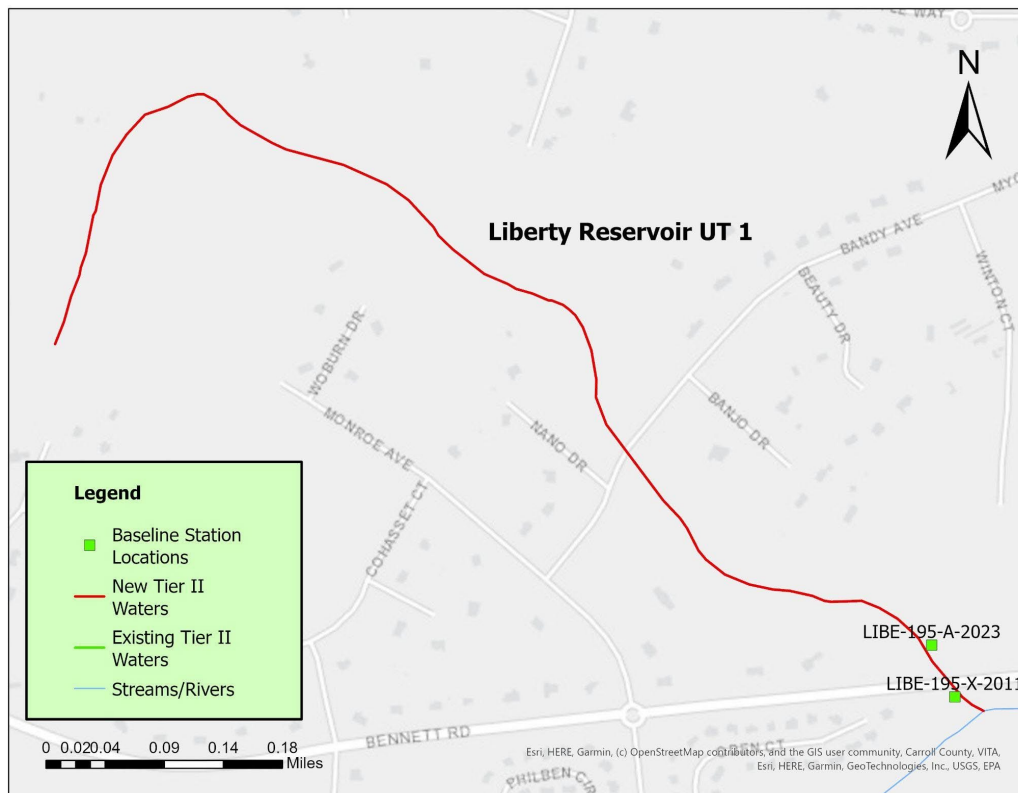


Figure 7: Map of the newly identified Tier II segment Liberty Reservoir UT 1.

Table 15: New Tier II segment Liberty Reservoir UT 1 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Liberty Reservoir UT 1	Carroll	021309071046	39.417152	-76.93786	39.413105	-76.924651	4.17	4.33

Description:

Liberty Reservoir UT 1 was designated as a Tier II water on the basis of data collected from two sampling events. The first sampling event by DNR Maryland Biological Stream Survey station (LIBE-195-X-2011) has a BIBI score of 4.33. There is no FIBI score collected during this sampling event. The second sampling event by MDE Maryland Biological Stream Survey station (LIBE-195-A-2023) has a BIBI score of 4.00 and a FIBI score of 4.33.

To assess baseline conditions per the existing sampling efforts, the existing IBI scores are averaged and result in a singular score. The BIBI scores on this segment results in a score of 4.17. The 4.33 FIBI score is the only existing FIBI score on this segment. Since both the baseline BIBI and FIBI scores are greater than or equal to 4.00, this stream segment will be designated as Tier II.

Little Gunpowder Falls 5

Table 16: Maryland Biological Stream Survey data used to identify Little Gunpowder Falls 5 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
LIGU-431-R-2024	Little Gunpowder Falls 5	39.50542	-76.443445	24163.358075	DNR	4.00	4.00	2024



Figure 8: Map of the newly identified Tier II segment Little Gunpowder Falls 5.

Table 17: New Tier II segment Little Gunpowder Falls 5 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Little Gunpowder Falls 5	Baltimore, Harford	021308040298	39.512866	-76.465498	39.504559	-76.429824	4.00	4.00

Description:

Little Gunpowder Falls 5 was designated as a Tier II water on the basis of data collected at the DNR Maryland Biological Stream Survey station (LIGU-431-R-2024) that has a BIBI score of 4.00 and a FIBI score of 4.00. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.

Loretta Branch 1

Table 18: Maryland Biological Stream Survey data used to identify Loretta Branch 1 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
MANO-208-R-2021	Loretta Branch 1	38.22238	-75.67764	2542.27	DNR	4.43	4.67	2021

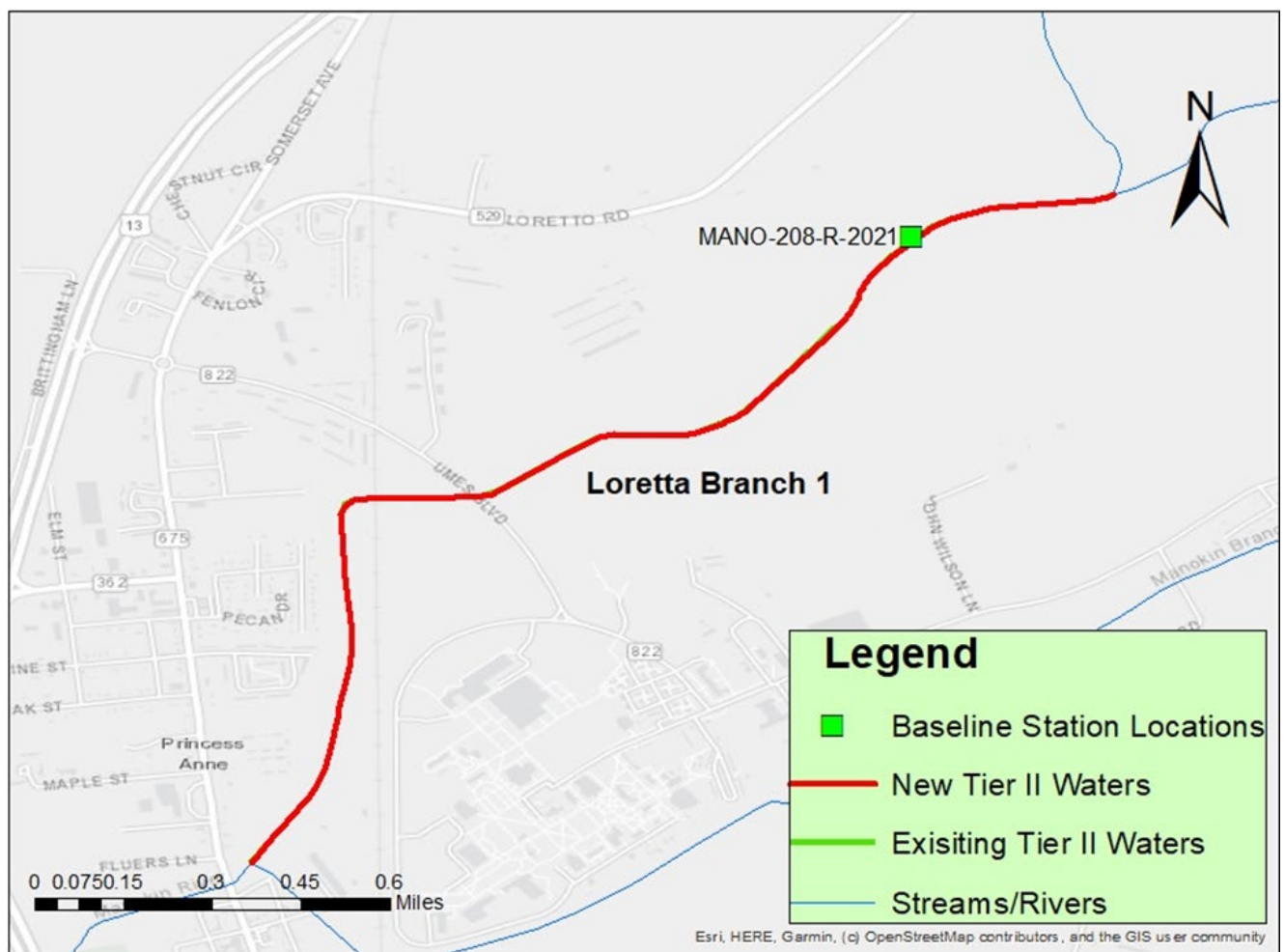


Figure 9: Map of the newly identified Tier II segment Loretta Branch 1.

Table 19: New Tier II segment Loretta Branch 1 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Loretta Branch 1	Somerset	021302080661	38.223436	-75.672699	38.207113	-75.693784	4.43	4.67

Description:

Loretta Branch 1 was designated as a Tier II water on the basis of data collected at the DNR Maryland Biological Stream Survey station (MANO-208-R-2021) that has a BIBI score of 4.43 and a FIBI score of 4.67. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.

Mattawoman Creek 3

Table 20: Maryland Biological Stream Survey data used to identify Mattawoman Creek 3 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
MATT-222-R-2015	Mattawoman Creek 3	38.59961	-77.05319	383.71	DNR	4.71	4.33	2015

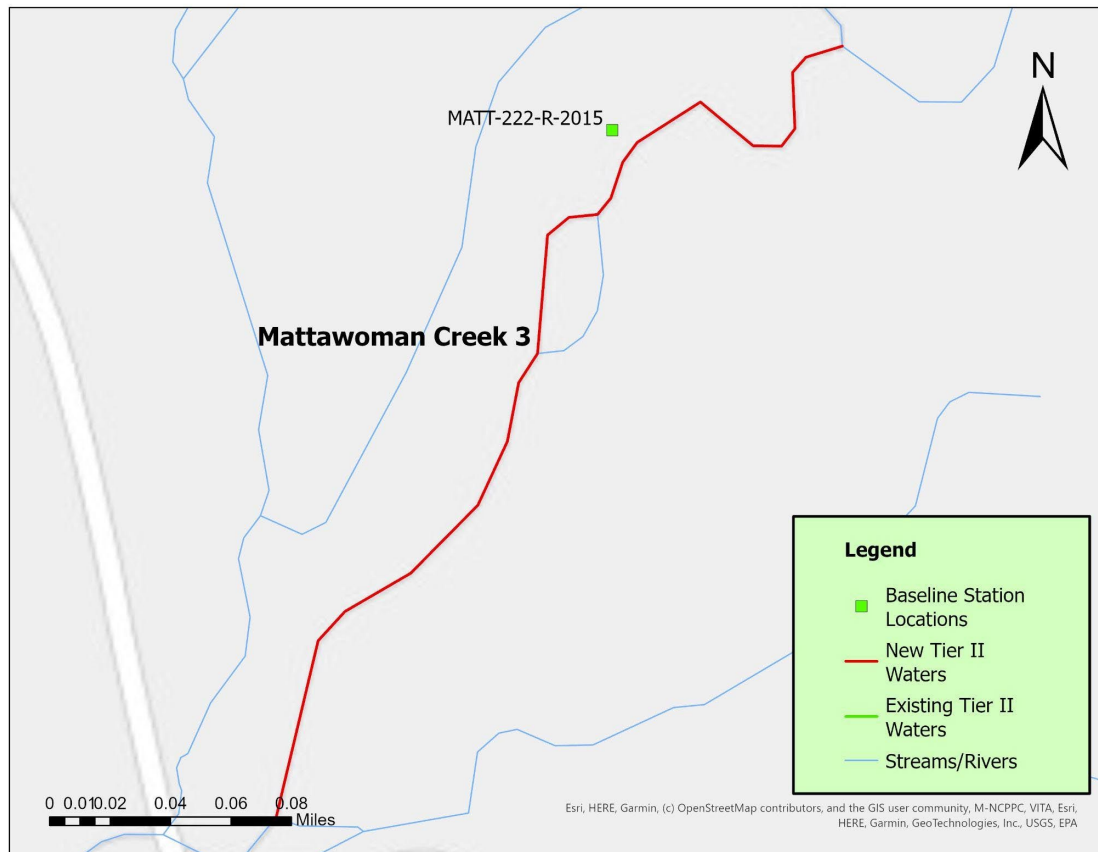


Figure 10: Map of the newly identified Tier II segment Mattawoman Creek 3.

Table 21: New Tier II segment Mattawoman Creek 3 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Mattawoman Creek 3	Charles	021401110784	38.600005	-77.051782	38.596301	-77.055239	4.71	4.33

Description:

Mattawoman Creek 3 was designated as a Tier II water on the basis of data collected at the DNR Maryland Biological Stream Survey station (MATT-222-R-2015) that has a BIBI score of 4.71 and a FIBI score of 4.33. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.

Middle Patuxent River UT 1

Table 22: Maryland Biological Stream Survey data used to identify Middle Patuxent River UT 1 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
MPAX-533-R-2024	Middle Patuxent River UT 1	39.218152	-76.910024	24843.5821	DNR	4.00	4.00	2024

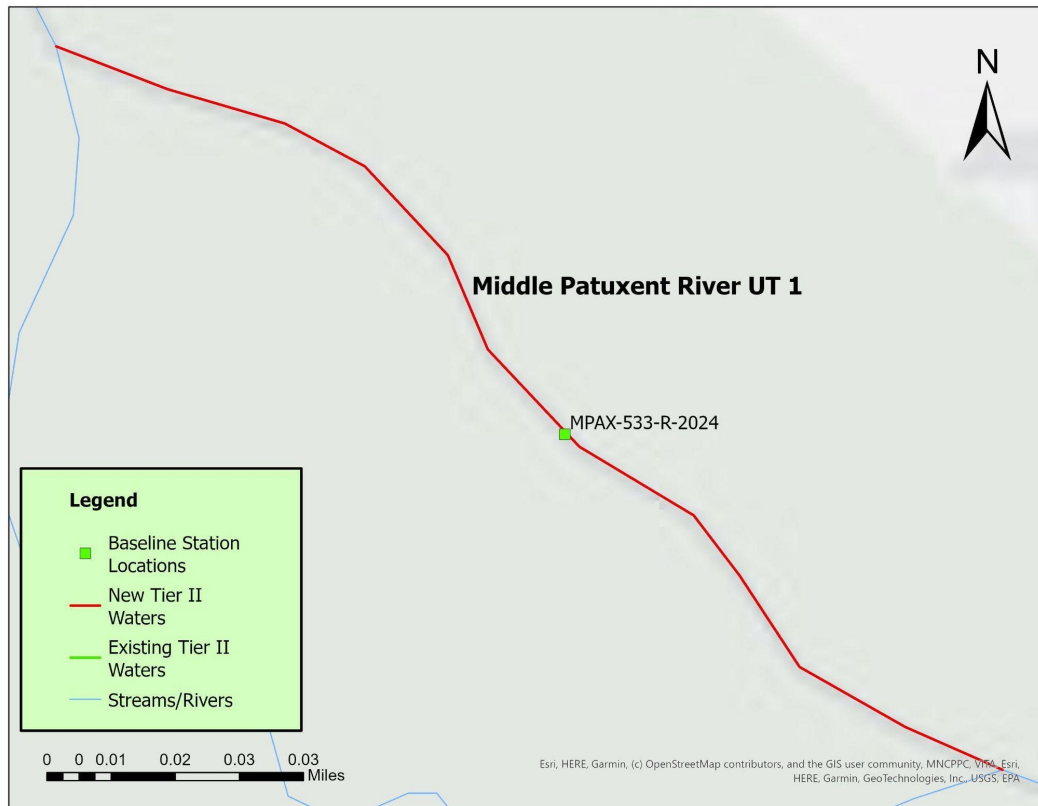


Figure 11: Map of the newly identified Tier II segment Middle Patuxent River UT 1.

Table 23: New Tier II segment Middle Patuxent River UT 1 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Middle Patuxent River UT 1	Howard	021311060959	39.218897	-76.91128	39.217508	-76.908943	4.00	4.00

Description:

Middle Patuxent River UT 1 was designated as a Tier II water on the basis of data collected at the DNR Maryland Biological Stream Survey station (MPAX-533-R-2024) that has a BIBI score of 4.00 and a FIBI score of 4.00. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.

Midway Branch 1

Table 24: Maryland Biological Stream Survey data used to identify Midway Branch 1 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
LPAX-301-R-2021	Midway Branch 1	39.06083	-76.72896	5326.46	DNR	4.14	4.00	2021

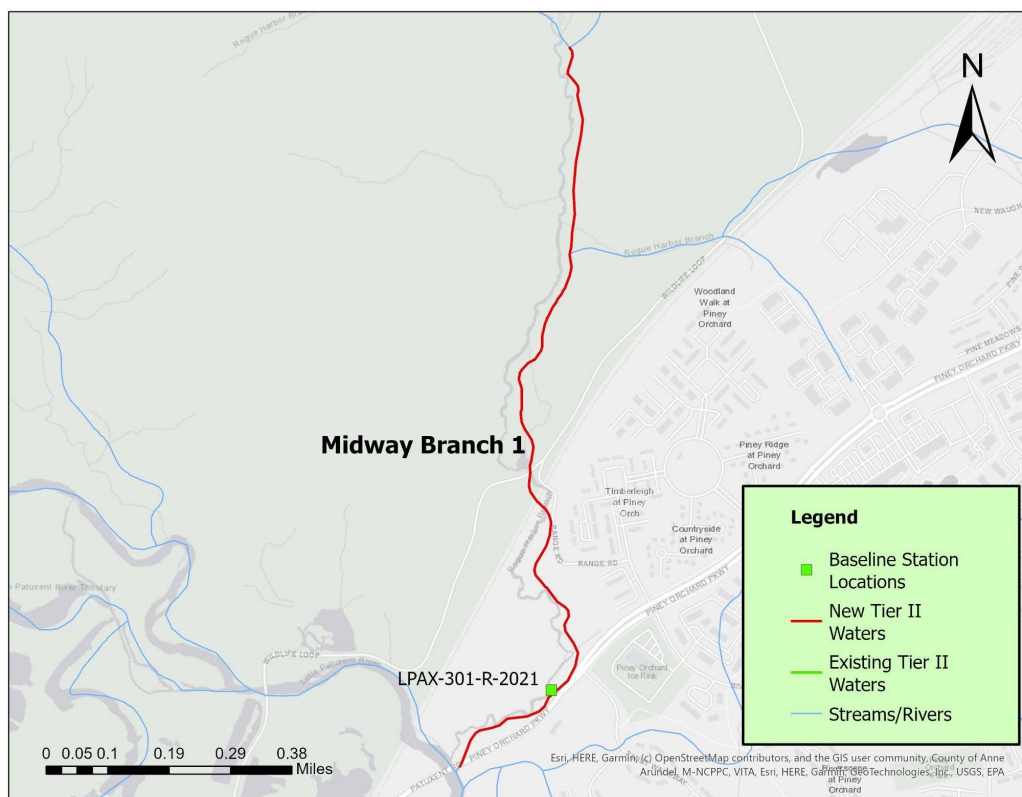


Figure 12: Map of the newly identified Tier II segment Midway Branch 1.

Table 25: New Tier II segment Midway Branch 1 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Midway Branch 1	Anne Arundel	021311050949	39.075195	-76.728378	39.059119	-76.731594	4.14	4.00

Description:

Midway Branch 1 was designated as a Tier II water on the basis of data collected at the DNR Maryland Biological Stream Survey station (LPAX-301-R-2021) that has a BIBI score of 4.14 and a FIBI score of 4.00. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.

Piscataway Creek 3

Table 26: Maryland Biological Stream Survey data used to identify Piscataway Creek 3 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
PISC-324-R-2023	Piscataway Creek 3	38.73125	-76.8826	11854.738695	DNR	4.14	4.00	2023

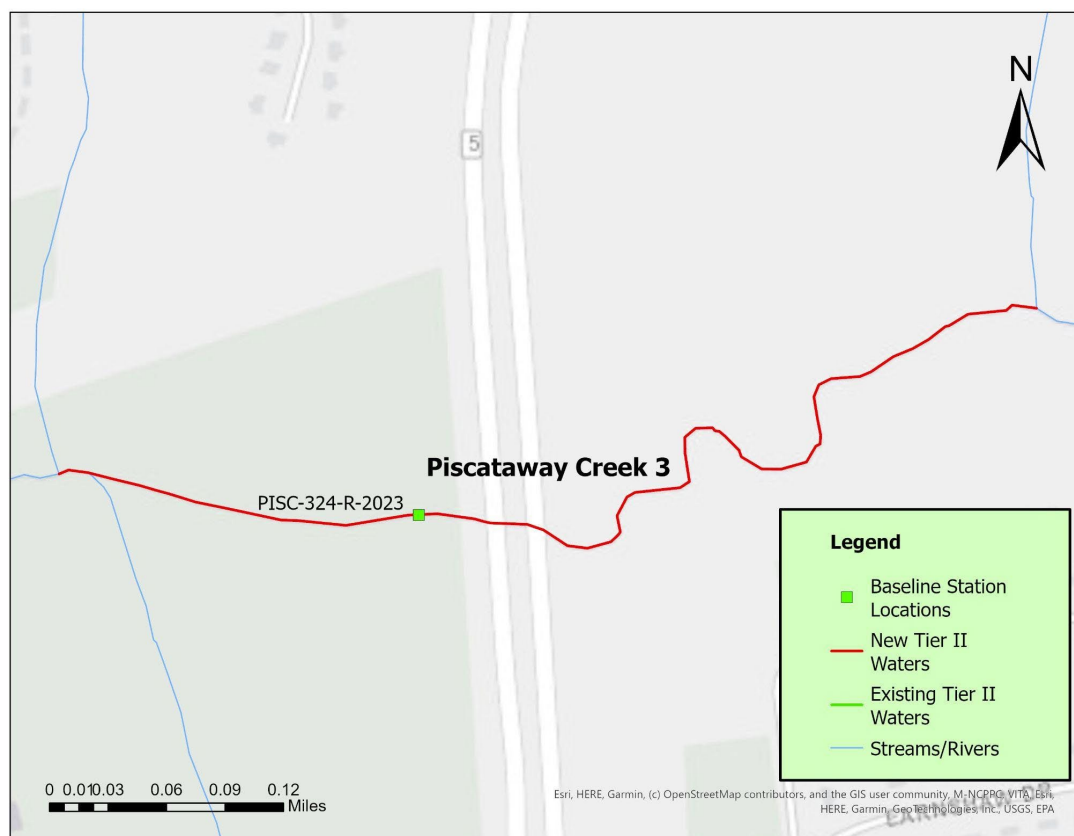


Figure 13: Map of the newly identified Tier II segment Piscataway Creek 3.

Table 27: New Tier II segment Piscataway Creek 3 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Piscataway Creek 3	Prince Georges	021402030803	38.732778	-76.876734	38.731558	-76.886015	4.14	4.00

Description:

Piscataway Creek 3 was designated as a Tier II water on the basis of data collected at the DNR Maryland Biological Stream Survey station (PISC-324-R-2023) that has a BIBI score of 4.14 and a FIBI score of 4.00. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.

South Prong Lostland Run 1

Table 28: Maryland Biological Stream Survey data used to identify South Prong Lostland Run 1 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
PRUN-203-R-2021	South Prong Lostland Run 1	39.37385	-79.25946	2761.698	DNR	4.25	4.00	2021



Figure 14: Map of the newly identified Tier II segment South Prong Lostland Run 1.

Table 29: New Tier II segment South Prong Lostland Run 1 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	South Prong Lostland Run 1	Garrett	021410050046	39.381469	-79.276926	39.371498	-79.254668	4.25	4.00

Description:

South Prong Lostland Run 1 was designated as a Tier II water on the basis of data collected at the DNR Maryland Biological Stream Survey station (PRUN-203-R-2021) that has a BIBI score of 4.25 and a FIBI score of 4.00. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.

Swanson Creek 5

Table 30: Maryland Biological Stream Survey data used to identify Swanson Creek 5 as a new Tier II stream.

Sampling Event Identifier	Stream Name	Latitude	Longitude	Catchment Size (Acres)	Data Source	BIBI Score	FIBI Score	Year of Sampling
PAXL-294-A-2022	Swanson Creek 5	38.5622	-76.75128	5944.1503	MDE	4.14	4.33	2022

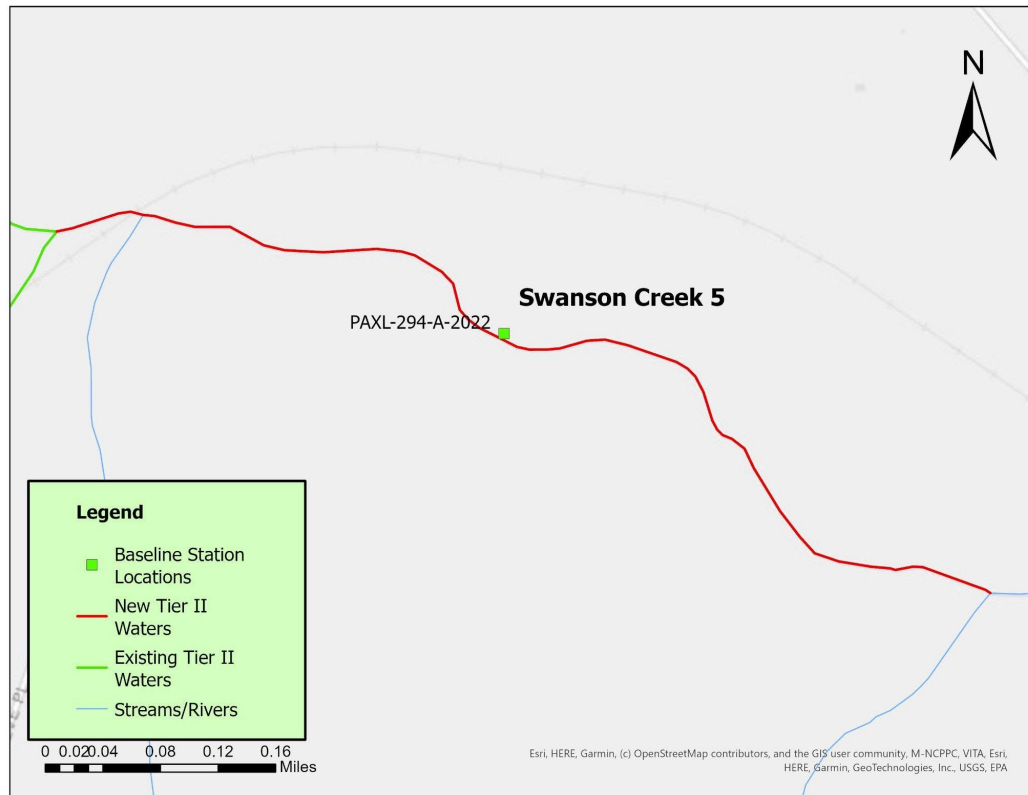


Figure 15: Map of the newly identified Tier II segment Swanson Creek 5.

Table 31: New Tier II segment Swanson Creek 5 as it will be displayed in COMAR 26.08.02.04-2.

Date	Stream Name	County	12-digit Watershed	From Lat	From Long	To Lat	To Long	Baseline BIBI	Baseline FIBI
2026	Swanson Creek 5	Charles	021311010892	38.563238	-76.757015	38.559577	-76.74505	4.14	4.33

Description:

Swanson Creek 5 was designated as a Tier II water on the basis of data collected at the MDE Maryland Biological Stream Survey station (PAXL-294-A-2022) that has a BIBI score of 4.14 and a FIBI score of 4.33. Since the site above has scores greater than or equal to 4.00 for both BIBI and FIBI, this stream segment will be designated as Tier II.