

## **F.7 Category 5 Waters**

# Maryland's Combined 2020-2022 Final Integrated Report- Category 5 Waters

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	TMML Priority Ranking	Comment
MD-021202010319-Rock_Run1	Rock Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021202010319-Rock_Run2	Rock Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-02120201-Non-mainstem	Lower Susquehanna River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2002	Not meeting criteria	Cause	5	5	Low	
MD-021202020321-Deer_Creek4	Deer Creek mainstem	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021202020322-Deer_Creek5	Deer Creek mainstem	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021202020322-Hollands_Branch	Hollands Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021202020322-Mill_Brook	Mill Brook	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.

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MD-021202020323 -Thomas_Run	Thomas Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021202020324 -Deer_Creek6	Deer Creek mainstem	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021202020324 - UTDeer_Creek	Unnamed Trib to Deer Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021202020325 - Stout_Bottle_B ranch	Stout Bottle Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021202020327 -Deer_Creek7	Deer Creek mainstem	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021202020328 - UTLittle_Deer_Creek	Unnamed Trib to Little Deer Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021202020329 -Deer_Creek8	Deer Creek mainstem	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021202020330 -Deer_Creek1	Deer Creek mainstem	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.

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MD-021202020330-Deer_Creek2	Deer Creek mainstem	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021202020330-Deer_Creek3	Deer Creek mainstem	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and few coldwater obligate taxa were found.
MD-021202020331-Big_Branch1	Big Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021202020331-Big_Branch2	Big Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021202020332-Deer_Creek9	Deer Creek mainstem	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021202030344-Basin_Run1	Basin Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and few coldwater obligate taxa were found.

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MD-021202030344-Basin_Run2	Basin Run - upstream portion	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021202030344-UTBasin_Run	Unnamed trib to Basin Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-02120204-Conowingo_Reservoir	Conowingo Reservoir	Impoundments	IMPOUNDMENT	Fishing	Not Supporting	PCBS IN FISH TISSUE	2008	Not meeting criteria	Cause	5	5	High	This assessment applies to the impounded portion of the Susquehanna behind Conowingo Dam.
MD-02120204-Conowingo_Reservoir	Conowingo Reservoir	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Fully Supporting	PHOSPHORUS, TOTAL	2018	Meeting criteria	Cause	5	5	Low	Recent data demonstrates a phosphorus impairment throughout the Conowingo Reservoir.
MD-02120204-Conowingo_Reservoir	Conowingo Reservoir	Impoundments	IMPOUNDMENT	Public Water Supply	Not Supporting	PHOSPHORUS, TOTAL	2018	Not meeting criteria	Cause	5	5	Low	Recent data demonstrates a phosphorus impairment throughout the Conowingo Reservoir.

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MD-021202050340-Deep_Run	Deep Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021301030687-T-HerringTurville_Creeks	HERRING CREEK, TURVILLE CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	Recent data shows that the shellfish harvesting criteria are not being met.
MD-02130105	Newport Bay	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2014	Not meeting criteria	Cause	5	5	High	Low sample size (n=4) but all stations exhibit impairment.
MD-02130202	Lower Pocomoke River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2022	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02130301	Lower Wicomico River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that total phosphorus is a major stressor affecting biological integrity in this watershed. This

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													listing replaces the biological listing.
MD-02130305	Nanticoke River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2016	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicated that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02130306	Marshyhope Creek	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2012	Not meeting criteria	Cause	5	5	High	The Biostressor analysis indicated that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02130306-Smithville_Lake	Smithville Lake	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2022	Not meeting criteria	Cause	5	5	Low	Recent data demonstrates a phosphorus impairment throughout Smithville Lake.
MD-02130308	Transquaking River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2012	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. This

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MD-02130403	Lower Choptank River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2012	Not meeting criteria	Cause	5	5	High	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02130403	Lower Choptank River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021304040488 - Lake_Williston	Lake Williston	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2022	Not meeting criteria	Cause	5	5	Low	Recent data demonstrates a phosphorus impairment throughout Lake Williston.
MD-02130502	Miles River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2014	Not meeting criteria	Cause	5	5	Low	Watershed has a low sample size (n=5) but 3 sites show evidence of impairment.

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MD-021305030437 - WyeMills_Community_Lake	WYE MILLS COMMUNITY LAKE	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2022	Not meeting criteria	Cause	5	5	Low	Recent data demonstrates a phosphorus impairment throughout Wye Mills Community Pond.
MD-02130507	Corsica River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2014	Not meeting criteria	Cause	5	5	Low	Round 3 data causes this watershed to barely exceed the threshold for impairment.
MD-02130509	Middle Chester River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2014	Not meeting criteria	Cause	5	5	High	The Biostressor analysis indicates that total phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02130605	Little Elk Creek	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2014	Not meeting criteria	Cause	5	5	Low	
MD-021306090380 - Principio_Creek1	Principio Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.

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MD-021306090380 - Principio_Creek k2	Principio Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021306090380 - Principio_Creek k3	Principio Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021306090380 - Principio_Creek k4	Principio Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021306090380 - Principio_Creek k5	Principio Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021306090380 - Principio_Creek k6	Principio Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021306090380 - Principio_Creek k7	Principio Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021306090380 -	Unnamed trib to	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and

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UTPrincipio_Creek1	Principio Creek												no coldwater obligate taxa were found.
MD-021306090380 - UTPrincipio_Creek2	Unnamed trib to Principio Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021306090380 - UTPrincipio_Creek3	Unnamed trib to Principio Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021306090380 - UTPrincipio_Creek4	Unnamed trib to Principio Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021306090380 - UTPrincipio_Creek5	Principio Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021306090380 - UTPrincipio_Creek6	Principio Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-02130701	Bush River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicated that sulfates are a major stressor

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													affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02130701	Bush River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02130702	Lower Winters Run	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2002	Not meeting criteria	Cause	5	5	Low	
MD-02130703	Atkisson Reservoir	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2002	Not meeting criteria	Cause	5	5	Low	
MD-021307041131 - UTBynum_Run	Unnamed trib to Bynum Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-02130705	Aberdeen Proving Ground	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicated that total phosphorus is a major stressor affecting biological integrity in this

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													watershed. This listing replaces the biological listing.
MD-02130706	Swan Creek	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that phosphorus is a major stressor affecting biological integrity in this watershed. This listing addresses a portion of the biological listing and therefore replaces it on the list.
MD-02130706	Swan Creek	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. This listing addresses a portion of the biological listing and therefore replaces it on the list.
MD-02130802	Lower Gunpowder Falls	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2012	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological

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MD-02130803	Bird River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2014	Not meeting criteria	Cause	5	5	Low	Additional data provided by Baltimore County used to assess as impaired.
MD-021308040298 - LittleGunpowder_Falls1	Little Gunpowder Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021308040298 - LittleGunpowder_Falls2	Little Gunpowder Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021308040298 - UTLittleGunpowder_Falls	Unnamed trib to Little Gunpowder Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021308040299 - Nelson_Branch	Nelson Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.

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MD-021308040299 - Yellow_Branch	Yellow Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-02130805	Loch Raven Reservoir	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02130805	Loch Raven Reservoir	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that total phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021308050302 -Baisman_Run	Baisman Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.

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MD-021308050309 - FirstMine_Branch	First Mine Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021308050309 -Little_Falls	Little Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021308060314 -Murphy_Run	Murphy Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021308060316 - UTGunpowder_Falls	Unnamed trib to Gunpowder Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and few coldwater obligate taxa were found.
MD-02130901	Back River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2012	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This

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MD-02130903	Baltimore Harbor	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing, along with others, replace the biological listing.
MD-02130903	Baltimore Harbor	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2014	Not meeting criteria	Cause	5	5	High	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing, along with others, replace the biological listing.
MD-02130903-Stansbury_Pond	Stansbury Pond	Impoundments	IMPOUNDMENT	Fishing	Not Supporting	PCBS IN FISH TISSUE	2012	Not meeting criteria	Cause	5	5	High	
MD-02130904	Jones Falls	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2010	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicated that sulfates are a major stressor affecting biological integrity in this watershed. This

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MD-021309041036-Deep_Run	Deep Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309041036-DippingPond_Run	Dipping Pond Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	High	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021309041036-DippingPond_Run2	Dipping Pond Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309041036-Jones_Falls1	Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309041036-Jones_Falls2	Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309041036-Jones_Falls3	Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309041036-Jones_Falls4	Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.

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MD-021309041036-Jones_Falls5	Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309041036-Jones_Falls6	Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309041036-NBranchJones_Falls	North Branch Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	High	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021309041036-NBranchJones_Falls2	North Branch Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309041036-Slaughterhouse_Branch	Slaughterhouse Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309041036-UTDippingPond_Run	Unnamed trib to Dipping Pond Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309041036-UTJones_Falls	Unnamed trib to Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater

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													obligate taxa were found.
MD-021309041036 - UTJones_Falls 2	Unnamed trib to Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309041036 - UTJones_Falls 3	Unnamed trib to Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309041036 - UTMoores_Branch	Unnamed trib to Moores Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309041036 - UTNBranch_Jones_Falls	Unnamed trib to North Branch Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309041036 - UTNBranch_Jones_Falls2	Unnamed trib to North Branch Jones Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-02130904-Mainstem_upper	Jones Falls	River Mainstem	RIVER	Fishing	Not Supporting	PCBS IN FISH TISSUE	2016	Not meeting criteria	Cause	5	5	Low	This assessment record applies to the Jones Falls upstream of Lake Roland.

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Categ ory	MDE Categ ory	TMDL Priority Ranking	Comment
MD-021309051045 - Gwynns_Falls 1	Gwynns Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309051045 - Gwynns_Falls 2	Gwynns Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309051045 - Gwynns_Falls 3	Gwynns Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309051045 - Gwynns_Falls 4	Gwynns Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309051045 -Red_Run	Red Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309051045 -Red_Run2	Red Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309051045 -Red_Run3	Red Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.

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MD-021309051045 - UTGwynns_Falls1	Unnamed trib to Gwynns Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309051045 -UTRed_Run1	Unnamed trib to Red Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309051045 -UTRed_Run2	Unnamed trib to Red Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309051045 -UTRed_Run3	Unnamed trib to Red Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-02130905-Mainstem	Gwynns Falls	River Mainstem	RIVER	Fishing	Not Supporting	PCBS IN FISH TISSUE	2016	Not meeting criteria	Cause	5	5	Low	New data demonstrates impairment.
MD-02130906	Patapsco River Lower North Branch	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2010	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicated that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.

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MD-021309071046 - CarrollHighlands_Run	Carroll Highlands Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309071046 -Locust_Run1	Locust Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309071046 -Locust_Run2	Locust Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309071046 -Locust_Run3	Locust Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309071046 - Snowdens_Run	Snowdens Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309071046 - UTLocust_Run	Unnamed trib to Locust Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and few coldwater obligate

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	TMDL Priority Ranking	Comment
													individuals were found.
MD-021309071048 -GlenFalls_Run	Glen Falls Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and few coldwater obligate individuals were found.
MD-021309071048 -GlenFalls_Run 2	Glen Falls Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309071048 -Keyzers_Run	Keyzers Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309071048 -Norris_Run	Norris Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309071048 -Timber_Run	Timber Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309071050 -Joe_Branch	Joe Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	High	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria.

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Categ ory	MDE Categ ory	TMDL Priority Ranking	Comment
													Coldwater obligate taxa are present.
MD-021309071050 -Morgan_Run2	Morgan Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309071050 - UTMorgan_Run	Unnamed trib to Morgan Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309071052 - EastBNBranch_Patapsco_River2	East Br. North Branch Patapsco River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.
MD-021309071055 - LittleMorgan_Run	Little Morgan Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309071057 -Beaver_Run	Beaver Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	High	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021309071057 -	Unnamed trib to Beaver Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria.

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	TMDL Priority Ranking	Comment
UTBeaver_Run													
MD-021309071059 - EastBNBranch_Patapsco_River	East Br. North Branch Patapsco River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309071059 - UTEBNBranch_Patapsco_River	Unnamed trib to East Br. North Branch Patapsco River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-02130908	South Branch Patapsco River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2002	Not meeting criteria	Cause	5	5	High	
MD-021309081020 - UTSBranchPatapsco_River1	Unnamed trib to South Branch Patapsco River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021309081023 -Piney_Run1	Piney Run downstream of Piney Run Reservoir	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Restoration efforts currently underway to improve riparian buffer, remove low-head dams, and potentially retrofit reservoir discharge.

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	TMML Priority Ranking	Comment
MD-021309081023-Piney_Run2	Piney Run downstream of Piney Run Reservoir	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Restoration efforts currently underway to improve riparian buffer, remove low-head dams, and potentially retrofit reservoir discharge.
MD-021309081023-Piney_Run3	Piney Run downstream of Piney Run Reservoir	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021309081023-Piney_Run4	Piney Run upstream of Piney Run Reservoir	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021309081023-Piney_Run5	Piney Run upstream of Piney Run Reservoir	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021309081025-Gillis_Falls1	Gillis Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021309081025-Gillis_Falls5	Gillis Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	TMDL Priority Ranking	Comment
MD-021309081025 - SBranchPatapsco_River1	South Branch Patapsco River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021309081026 -Piney_Branch	Piney Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021309081027 - Hay_Meadow_Branch	Hay Meadow Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021309081028 - SBranchPatapsco_River2	South Branch Patapsco River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021309081028 - UTSBranchPatapsco_River2	Unnamed trib to South Branch Patapsco River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021309081029 -Middle_Run	Middle Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	TMDL Priority Ranking	Comment
													measurements exceed criteria. Coldwater obligate taxa are present.
MD-021309081029-Middle_Run2	Middle Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021309081029-UTMiddle_Run	Unnamed trib to Middle Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021309081030-Gillis_Falls2	Gillis Falls	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021309081031-Gillis_Falls3	Gillis Falls-upstream portion	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-02131002	Severn River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2002	Not meeting criteria	Cause	5	5	Low	

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MD-021310021001 - Jabez_Branch1	Jabez Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021310021001 - Jabez_Branch2	Jabez Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021310021001 - Jabez_Branch3	Jabez Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021310021001 - Jabez_Branch4	Jabez Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021310021001 - Jabez_Branch5	Jabez Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021310021001 - Jabez_Branch6	Jabez Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-02131004	West River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2012	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	TMML Priority Ranking	Comment
MD-02131102	Patuxent River Middle	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02131103	Western Branch	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2006	Not meeting criteria	Cause	5	5	Low	
MD-02131104	Patuxent River upper	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing addresses a portion of the biological listing and therefore replaces it on the list.
MD-021311050955 - Centennial_Lake	Centennial Lake	Impoundments	IMPOUNDMENT	Public Water Supply	Not Supporting	CHLOROPHYL L-A	2022	Not meeting criteria	Cause	5	5	Low	Recent data demonstrates that chl-a levels are exceeding the criteria for public water supply. The existing TMML does not cover this listing.

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MD-02131107	Rocky Gorge Dam	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2018	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021311080966 - Patuxent_River 1	Patuxent River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021311080966 - Patuxent_River 2	Patuxent River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-02140101	Potomac River Lower tidal	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2004	Not meeting criteria	Cause	5	5	Low	
MD-02140103	St. Mary's River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	TMML Priority Ranking	Comment
MD-02140109	Port Tobacco River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2016	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing, along with others, replace the biological listing.
MD-02140109-HOGHOLE_RUN	Hoghole Run	Non-tidal Segment(s)	RIVER	Water Contact Sports	Not Supporting	ENTEROCOCCUS	2006	Not meeting criteria	Cause	5	5	High	
MD-02140109-JENNIE_RUN	Jennie Run	Non-tidal Segment(s)	RIVER	Water Contact Sports	Not Supporting	ENTEROCOCCUS	2006	Not meeting criteria	Cause	5	5	High	
MD-02140109-PORT_TOBA_CCO_CREEK	Port Tobacco Creek	Non-tidal Segment(s)	RIVER	Water Contact Sports	Not Supporting	ENTEROCOCCUS	2006	Not meeting criteria	Cause	5	5	High	Two unnamed tributaries that join Port Tobacco Creek, one to the north and one to the south of RT. 6, are included in this listing.
MD-02140109-WILLS_BRA_NCH	Will's Branch	Non-tidal Segment(s)	RIVER	Water Contact Sports	Not Supporting	ENTEROCOCCUS	2006	Not meeting criteria	Cause	5	5	High	
MD-02140111	Mattawoman Creek	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that low pH is a major stressor affecting biological

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	TMML Priority Ranking	Comment
													integrity in this watershed. This listing replaces the biological listing.
MD-02140201	Potomac River Upper tidal	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2018	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicated that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02140201	Potomac River Upper tidal	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2018	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicated that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02140202-Mainstem	DC to Dam #3	River Mainstem	RIVER	Fishing	Not Supporting	PCBS IN FISH TISSUE	2008	Not meeting criteria	Cause	5	5	High	Since the station was sampled in the mainstem, this listing was refined to show just the mainstem as the water segment assessed.
MD-02140202-Wadeable_Stre ams	Potomac River Montgomer y County	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2012	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Categ ory	MDE Categ ory	TMDL Priority Ranking	Comment
													biological integrity in this watershed. This listing replaces the biological listing.
MD-02140203-Mainstem	Piscataway Creek Mainstem	1st-4th order streams	RIVER	Fishing	Not Supporting	PERFLUOROOCTANE SULFONATE (PFOS) IN FISH TISSUE	2022	Not meeting criteria	Cause	5	5	High	Recent redbreast sunfish data shows high levels of PFOS in fish tissue in the mainstem of Piscataway Creek.
MD-02140205	Anacostia River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2012	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02140205-Northwest_Branch	Anacostia River	River Mainstem	RIVER	Fishing	Not Supporting	HEPTACHLOR EPOXIDE	2002	Not meeting criteria	Cause	5	5	Low	The extent of this listing was refined in 2010 to reflect the actual impaired waters. This listing only applies to the Northwest Branch. This assessment was based on heptachlor epoxide levels in the water column.

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MD-021402060838 - NBranchRock_Creek	North Branch Rock Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-02140207	Cabin John Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2010	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicated that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021402080857 -Copper_Lake	CLOPPER LAKE	Impoundments	IMPOUNDMENT	Public Water Supply	Not Supporting	CHLOROPHYLL-A	2022	Not meeting criteria	Cause	5	5	Low	Recent data demonstrates that chl-a values are exceeding criteria for public water supply and the existing TMDL does not cover this listing. Chl-a is the listed cause to better align with the ATTAINS system, it is still indicating phosphorus.
MD-021402080865 - UTWildcat_Branch	Unnamed trib to Wildcat Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Categ ory	MDE Categ ory	TMML Priority Ranking	Comment
MD-02140301-Mainstem	Potomac River Frederick County	River Mainstem	RIVER	Fishing	Not Supporting	PCBS IN FISH TISSUE	2014	Not meeting criteria	Cause	5	5	High	New channel catfish data exceeds the PCB contaminant threshold.
MD-02140301-Mainstem	Potomac River Frederick County	River Mainstem	RIVER	Fishing	Not Supporting	MERCURY IN FISH TISSUE	2014	Not meeting criteria	Cause	5	5	High	Recent fish tissue data shows levels of mercury meeting the criteria. However, additional data is needed to confirm this improvement and thus justify a delisting.
MD-02140301-Wadeable_Stre ams	Potomac River Frederick County	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2018	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02140301-Wadeable_Stre ams	Potomac River Frederick County	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2018	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	TMML Priority Ranking	Comment
MD-021403020223 - LittleBennett_Creek	Little Bennett Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021403020230 - Ballenger_Creek	Ballenger Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021403030240 - Little_Tuscarora_Creek	Little Tuscarora Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021403030243 -Fishing_Creek	Fishing Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021403030243 - Fishing_Creek 2	Fishing Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021403030244 - Buzzard_Branch	Buzzard Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater

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													obligate taxa are present.
MD-021403030250 - Beaver_Branch	Beaver Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021403030250 - Owens_Creek2	Owens Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021403030251 - BigHunting_Creek1	Big Hunting Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021403030251 - BigHunting_Creek2	Big Hunting Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021403030251 - BigHunting_Creek3	Big Hunting Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.

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MD-021403030251-High_Run	High Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021403030251-Muddy_Run	Muddy Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021403030251-UTBigHunting_Creek	Unnamed trib to Big Hunting Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and few coldwater obligate taxa are present.
MD-021403030252-UTHunting_Creek_Lake	Unnamed trib to Hunting Creek Lake	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021403030253-Owens_Creek1	Owens Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021403030258-Friends_Creek	Friends Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.

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MD-021403050217 - Hawbottom_Branch	Hawbottom Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021403050217 - LittleCatoctin_Creek2	Little Catoctin Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021403050217 - UTLittleCatoctin_Creek	Unnamed trib to Little Catoctin Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021403050218 - Catoctin_Creek2	Catoctin Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021403050219 - Catoctin_Creek	Catoctin Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021403050219 -Middle_Creek	Middle Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-021403050219 -Spruce_Run	Spruce Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater

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													obligate taxa were found.
MD-021403050220 - LittleCatoctin_Creek	Little Catoctin Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	High	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021403050220 - UTLittleCatoctin_Creek2	Unnamed trib to Little Catoctin Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2022	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria.
MD-02140501-Dam4-5	Dam #4 to Dam #5	River Mainstem	RIVER	Fishing	Not Supporting	MERCURY IN FISH TISSUE	2014	Not meeting criteria	Cause	5	5	High	New data shows that levels are above the listing threshold.
MD-02140501-Wadeable_Stre ams	Potomac River Washington County	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2012	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02140502	Antietam Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Categ ory	MDE Categ ory	TMDL Priority Ranking	Comment
													listing replaces the biological listing.
MD-021405020192 - LittleBeaver_Creek	Little Beaver Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021405020201 - UTLittleAntietam_Creek	Unnamed trib to Little Antietam Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-02140502-Mainstem	Antietam Creek	River Mainstem	RIVER	Fishing	Not Supporting	PCBS IN FISH TISSUE	2008	Not meeting criteria	Cause	5	5	Medium	Since the station sampled was in the mainstem Antietam, this listing was refined to show just the mainstem as the water segment assessed.
MD-02140503	Marsh Run	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2016	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.

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MD-02140504	Conococheague Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, HIGH	2002	Not meeting criteria	Cause	5	5	High	MD-02140504- Multiple_segments_1 and MD-02140504- Multiple_segments_2 were merged. A 2020 study showed that the entire watershed is impaired for pH due to high nutrient input and natural karst geology. This listing will be part of the nutrient TMDL for phosphorus.
MD-02140504	Conococheague Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02140504	Conococheague Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. This

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													listing replaces the biological listing.
MD-02140504-Mainstem	Conococheague Creek	River Mainstem	RIVER	Fishing	Not Supporting	PCBS IN FISH TISSUE	2008	Not meeting criteria	Cause	5	5	Medium	Despite new data showing low levels of PCBs in smallmouth bass, the channel catfish still have PCB levels above the threshold.
MD-02140505	Little Conococheague	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2014	Not meeting criteria	Cause	5	5	Low	
MD-02140506	Licking Creek	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02140508-Wadeable_Streams	Potomac River Allegany County	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2002	Not meeting criteria	Cause	5	5	High	
MD-02140509	Little Tonoloway Creek	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Categ ory	MDE Categ ory	TMDL Priority Ranking	Comment
													listing replaces the biological listing.
MD-02140509	Little Tonoloway Creek	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2014	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02140510	Sideling Hill Creek	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2014	Not meeting criteria	Cause	5	5	Low	New data demonstrated impairment.
MD-02140512	Town Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2002	Not meeting criteria	Cause	5	5	High	
MD-021405120129 - UTTown_Creek	Unnamed trib to Town Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021405120132 - Murley_Branch	Murley Branch	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater

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													obligate taxa are present.
MD-021410010055 -Mill_Run	Mill Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-02141001-Wadeable_Stre ams	Lower North Branch Potomac River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2006	Not meeting criteria	Cause	5	5	Low	
MD-02141002	Evitts Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2010	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicated that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021410020104 - UTEvitts_Cree k2	Unnamed trib to Evitts Creek 2	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	TMDL Priority Ranking	Comment
MD-021410020108 -PeaVine_Run	Pea Vine Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-02141003	Wills Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2010	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicated that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021410030098 - UTJennings_Run1	Unnamed trib to Jennings Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-02141004	Georges Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2022	Not meeting criteria	Cause	5	5	Low	This listing was added in 2022. The original Biostressor analysis indicated that sulfates were a major stressor affecting biological integrity in this watershed but sulfates were never listed. This

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Categ ory	MDE Categ ory	TMML Priority Ranking	Comment
													listing replaces the biological listing.
MD-02141005-Wadeable_Stre ams	Upper North Branch Potomac River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2012	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021410060074 - NForkCrabtree_Creek	North Fork Crabtree Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATUR E	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021410060074 - SForkCrabtree_Creek	South Fork Crabtree Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATUR E	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-021410060077 -Dry_Run	Dry Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATUR E	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Categ ory	MDE Categ ory	TMDL Priority Ranking	Comment
MD-021410060081 - Savage_River1	Savage River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-021410060084 - Savage_River2	Savage River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-050202010007 - DunkardLick_Run	Dunkard Lick Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-050202010013 -Ginseng_Run	Ginseng Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-050202010016 -Bear_Creek3	Bear Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater

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													obligate taxa are present.
MD-050202010019-Buffalo_Run2	Buffalo Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and few coldwater obligate taxa are present.
MD-05020201-Youghiogheny_River_Lake	Youghiogheny River Lake	Impoundments	IMPOUNDMENT	Fishing	Not Supporting	MERCURY IN FISH TISSUE	2010	Not meeting criteria	Cause	5	5	High	
MD-05020202	Little Youghiogheny River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2006	Not meeting criteria	Cause	5	5	Low	
MD-050202020025-LittleYoughiogheny_River	Little Youghiogheny River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-050202020026-Broadford_Lake	BROADFORD LAKE	Impoundments	IMPOUNDMENT	Public Water Supply	Not Supporting	CHLOROPHYLL L-A	2022	Not meeting criteria	Cause	5	5	Low	Recent data demonstrates that chl-a levels are exceeding the threshold for public water supply and the existing TMDL does not cover this listing. Chl-a is the listed cause to better align with the ATTAINS system, it is still

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Categ ory	MDE Categ ory	TMDL Priority Ranking	Comment
													indicating phosphorus.
MD-05020203	Deep Creek Lake	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2012	Not meeting criteria	Cause	5	5	High	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-05020203	Deep Creek Lake	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	SULFATE	2016	Not meeting criteria	Cause	5	5	Low	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-050202030028 - MeadowMount ain_Run	Meadow Mountain Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATUR E	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-050202030029 - Cherry_Creek2	Cherry Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATUR E	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater

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													obligate taxa were found.
MD-050202040033 - SouthBranch_Casselman_River2	South Branch Casselman River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-050202040036 -Red_Run	Red Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2018	Not meeting criteria	Cause	5	5	Low	Moved to category 3 to 5 in 2018 because temperature measurements exceed criteria. Coldwater obligate taxa are present.
MD-050202040037 -Piney_Creek	Piney Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	TEMPERATURE	2014	Not meeting criteria	Cause	5	5	Low	Temperature measurements exceed criteria and no coldwater obligate taxa were found.
MD-ANATF	ANATF - Anacostia River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	HEPTACHLOR EPOXIDE	2014	Not meeting criteria	Cause	5	5	Low	New data shows that fish taken in the tidal portion of the Anacostia have levels of heptachlor epoxide that exceed the human health threshold for fish tissue consumption. This assessment was based on heptachlor

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													epoxide levels in fish tissue.
MD-BIGMH-BigAnnemessex_River	Big Annemessex	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2018	Not meeting criteria	Cause	5	5	Low	Recently collected data led to this area to be classified as restricted.
MD-CB1TF-02120201	Tidal Lower Susquehanna River	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2002	Not meeting criteria	Cause	5	5	High	This listing only applies to the tidal Lower Susquehanna portion (02120201) of CB1TF.
MD-CB1TF-02130705	Aberdeen Proving Ground	Tidal subsegment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	TOXICITY	1996	Not meeting criteria	Cause	5	5	High	This listing only applies to the tidal Aberdeen Proving Grounds (02130705) portion of CB1TF.
MD-CB2OH	CB2OH - Northern Chesapeake Bay Oligohaline	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2014	Not meeting criteria	Cause	5	5	High	More data needed to confirm the geographic area covered by this segment.
MD-CB3MH	CB3MH - Upper Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2006	Not meeting criteria	Cause	5	5	Low	
MD-CB3MH-Rock_Hall_Harbor	Rock Hall Harbor	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2014	Not meeting criteria	Cause	5	5	Low	Station 0202010 does not meet shellfish harvesting water quality standards.

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MD-CB3MH-Swan_Creek	Swan Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2014	Not meeting criteria	Cause	5	5	Low	Station 0202005 does not meet shellfish harvesting water quality standards.
MD-CB4MH	CB4MH - Middle Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2006	Not meeting criteria	Cause	5	5	Low	
MD-CB4MH-Herring_Bay	Herring Bay portion of CB4MH	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2014	Not meeting criteria	Cause	5	5	Low	Recent white perch data demonstrate levels above the listing threshold.
MD-CB5MH	CB5MH - Lower Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2006	Not meeting criteria	Cause	5	5	Low	
MD-CB5MH-ST_JEROMES_CREEK	St. Jeromes Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2010	Not meeting criteria	Cause	5	5	High	This listing only applies to Malone Bay portion of St. Jeromes.
MD-CB5MH-ST_JEROMES_CREEK-2	North Prong St. Jeromes Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	Recent data shows this area of Jeromes Creek is not meeting shellfish harvesting criteria. This listing only applies to the North Prong portion of St. Jeromes.

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MD-CHOMH1-Black_Walnut_Cove	Black Walnut Cove	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2016	Not meeting criteria	Cause	5	5	Low	Recent data shows that the shellfish harvesting criteria are not being met.
MD-CHOMH1-Broad_Creek-1	Broad Creek - upstream portion	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	5	5	Low	The impaired portion of Broad Creek was extended to include station 0807204.
MD-CHOMH1-Cummings_Creek-2	CUMMING GS CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2018	Not meeting criteria	Cause	5	5	Low	This portion of the previous fecal coliform listing for Cummings_Creek was separated because this station is failing to meet the shellfish harvesting criteria. The other portion of Cummings Creek is meeting the shellfish harvesting criteria.
MD-CHOMH1-Edge_Creek	Edge Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	5	5	Medium	
MD-CHOMH1-Northwest_Branch_Harris_Creek	Harris Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	New data shows this area is exceeding the shellfish harvesting area criteria. The previous TMDL for the Northeast

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													Branch doesn't cover this area.
MD-CHOMH2-Jenkins_Creek	JENKINS CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	5	5	Medium	New data shows shellfish harvesting bacteria standards being exceeded.
MD-CHOOH-TF-02130404	CHOOH - Choptank River Oligohaline	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2014	Not meeting criteria	Cause	5	5	Low	New blue catfish data is meeting the threshold but older channel catfish and white perch data is still exceeding the threshold.
MD-CHSMH-OH-02130505	Lower Chester River	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2014	Not meeting criteria	Cause	5	5	Low	Recent White Perch data shows equivocal results. Additional White Perch and Channel Catfish needed from this waterbody.
MD-CHSOH-02130509	Middle Chester River	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2018	Not meeting criteria	Cause	5	5	Low	Channel catfish data are still above the impairment threshold.
MD-EASMH	EASMH - Eastern Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2012	Not meeting criteria	Cause	5	5	Low	
MD-EASMH-St.Michaels_Harbor	St. Michaels Harbor	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	New data shows this area is exceeding the shellfish

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													harvesting area criteria. The previous TMDL doesn't cover this area.
MD-ELKOH	ELKOH - Elk River Oligohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2010	Not meeting criteria	Cause	5	5	Low	
MD-FSBMH-Tedious_Creek	Tedious Creek	Tidal subsegment	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	This listing will replace the previous tedious creek assessment for water contact recreation that was in place due to an erroneous shellfish station. This area is now a shellfish harvesting area and is exceeding the threshold.
MD-GUNOH-Seneca_Creek	Seneca Creek	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2016	Not meeting criteria	Cause	5	5	Low	This assessment only applies to Seneca Creek.
MD-HNGMH-Great_Marsh_Creek	Great Marsh Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2014	Not meeting criteria	Cause	5	5	Low	Station 1401030A does not meet shellfish harvesting water quality standards.
MD-LCHMH-Fishing_Creek	Fishing Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	New data shows this area is exceeding the shellfish harvesting area criteria.

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MD-LCHMH-Gary_and_Lee_Creeks	Gary and Lee Creeks	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	This portion of the Little Choptank was split from MD-LCHMH-Little_Choptank_River since new data shows it is not meeting the shellfish harvesting criteria.
MD-LCHMH-Pomeroy_Cove	Pomeroy Cove	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	This portion of the Little Choptank was split from MD-LCHMH-Little_Choptank_River since new data shows it is not meeting the shellfish harvesting criteria.
MD-LCHMH-Slaughter_Creek	Slaughter Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	New data shows this area is exceeding the shellfish harvesting area criteria.
MD-LCHMH-Smith_Cove	Smith Cove	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	This portion of the Little Choptank was split from MD-LCHMH-Little_Choptank_River since new data shows it is not meeting the shellfish harvesting criteria.

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MD-MAGMH	MAGMH - Magothy River Mesohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2004	Not meeting criteria	Cause	5	5	Low	
MD-MAGMH-Deep_Creek	DEEP CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	5	5	Medium	Previously, a WQA was completed and approved for this area. More recent data shows that shellfish harvesting bacteria criteria are not being met.
MD-MIDOH-02130807	Middle River - Browns	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2006	Not meeting criteria	Cause	5	5	High	This listing only applies to the Middle River (02130807) portion of MIDOH.
MD-NANMH-OH-TF-02130305	NANMH - Lower Nanticoke River Mesohaline	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2008	Not meeting criteria	Cause	5	5	Medium	
MD-PATMH	PATMH - Patapsco River Mesohaline	Non-navigation Channel Areas	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2004	Not meeting criteria	Cause	5	5	Low	
MD-PATMH-Bear_Creek	BEAR CREEK	Tidal subsegment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	ZINC IN SEDIMENT	1998	Not meeting criteria	Cause	5	5	High	WQA completed January 18, 2005 for the Inner Harbor/Northwest Branch and Bear Creek. However, results were

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													deemed inconclusive. Additional study is warranted.
MD-PATMH-CURTIS_BAY_CREEK	CURTIS BAY, CURTIS CREEK	Tidal subsegment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	ZINC IN SEDIMENT	1998	Not meeting criteria	Cause	5	5	High	
MD-PATMH-Middle_Harbor	MIDDLE HARBOR	Tidal subsegment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	ZINC IN SEDIMENT	1998	Not meeting criteria	Cause	5	5	High	This listing only applies to the Middle Harbor (not Middle Branch) portion of PATMH. Area roughly starts at Fort McHenry and continues downstream to a line from Sparrows Point to Stoney Creek. Note: Size was corrected in 2016.
MD-PATMH-MiddleBranch_NorthwestHarbor	All tidal waters upstream of the Harbor Tunnel	Tidal subsegment	ESTUARY	Water Contact Sports	Not Supporting	ENTEROCOCCUS	2010	Not meeting criteria	Cause	5	5	High	This listing applies to all tidal waters upstream of Harbor Tunnel.
MD-PATMH-Northwest_Branch	INNER HARBOR/NORTHWEST EST BRANCH	Tidal subsegment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	ZINC IN SEDIMENT	1998	Not meeting criteria	Cause	5	5	High	WQA completed January 18, 2005 for Inner Harbor/Northwest Branch. However, results were deemed inconclusive.

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	TMDL Priority Ranking	Comment
													Additional study is warranted.
MD-PATMH-Northwest_Branch	INNER HARBOR/NORTHWEST BRANCH	Tidal subsegment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	LEAD IN SEDIMENT	1998	Not meeting criteria	Cause	5	5	High	WQA approved January 18, 2005 for the Inner Harbor/Northwest Branch. However, results were deemed inconclusive. Additional study is warranted. This assessment was based on lead levels in the sediment.
MD-PAXMH	Lower Patuxent River	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2006	Not meeting criteria	Cause	5	5	Low	
MD-PAXMH-Battle_Creek-4	upstream portion of Battle Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	This portion of Battle Creek was split from MD-PAXMH-BATTLE_CREEK to cover station 0902107A since it is not meeting the bacteria criteria for shellfish harvesting.
MD-PAXMH-Sotterly_Creek	Sotterly Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	This area is not meeting the shellfish harvesting bacteria criteria.

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MD-PAXMH-Wells_Cove	Wells Cove	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	This area is not meeting the shellfish harvesting bacteria criteria.
MD-PAXOH	PAXOH - Lower Patuxent River Oligohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2010	Not meeting criteria	Cause	5	5	Low	
MD-PAXOH-MH-TF-PATUXENT_RIVER	Patuxent River	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	5	5	Medium	WQA approved for this bacteria impairment in 2008. However, new data shows that shellfish harvesting water quality criteria are not being met. The area of this assessment is mostly in PAXOH but also partly in PAXMH and PAXTF.
MD-PISTF	PISTF - Piscataway Creek tidal Fresh	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PERFLUOROOCTANE SULFONATE (PFOS) IN FISH TISSUE	2022	Not meeting criteria	Cause	5	5	High	Recent largemouth bass data shows high levels of PFOS in fish tissue in the Tidal Piscataway.
MD-POTMH	POTMH - Lower Potomac River Mesohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2006	Not meeting criteria	Cause	5	5	Low	

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MD-POTMH-Breton_Bay	Breton Bay	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2018	Not meeting criteria	Cause	5	5	Low	This portion of Breton Bay is not meeting the bacteria criteria for shellfish harvesting.
MD-POTMH-Cuckold_Creek	Cuckold Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2016	Not meeting criteria	Cause	5	5	Low	Data demonstrates a water quality impairment. A prior note for this assessment incorrectly referenced an administrative closure. However, this shellfish harvesting area closure is based on water quality data and not an administrative reason.
MD-POTMH-Herring_Creek	Herring Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2018	Not meeting criteria	Cause	5	5	Low	This is a new listing in 2018 that adds an additional chunk of impaired water onto the original shellfish listing for Tall Timbers Cove. This area was not covered under the previous TMDL.
MD-POTMH-Neale_Sound	Neale Sound	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2014	Not meeting criteria	Cause	5	5	High	Station 1301024A does not meet shellfish

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													harvesting water quality standards.
MD-POTMH-Smith_Creek	Smith Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	This area is not meeting the shellfish harvesting bacteria criteria.
MD-POTMH-Upper_Wicomico_co_River	Upper Wicomico River	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	This upper portion of the Wicomico River is not meeting the bacteria criteria for shellfish harvesting.
MD-POTOH	POTOH - Lower Potomac River Oligohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2010	Not meeting criteria	Cause	5	5	Low	This listing supersedes the previous estuarine biological listings for watersheds 02140101, 02140102, 02140109, and 02140110.
MD-RHDMH_Upper_Headwaters	Upper Headwaters of the Rhode River	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2022	Not meeting criteria	Cause	5	5	Low	New data shows this area is exceeding the shellfish harvesting area criteria. The previous TMDL doesn't cover this area.
MD-SEVMH	SEVMH - Severn	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2008	Not meeting criteria	Cause	5	5	Low	

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	River Mesohaline												
MD-SOUMH	SOUMH - South River Mesohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2008	Not meeting criteria	Cause	5	5	Low	
MD-TANMH	TANMH - Tangier Sound Mesohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CAUSE UNKNOWN	2012	Not meeting criteria	Cause	5	5	Low	
MD-WICMH-02130301	Lower Wicomico River	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2008	Not meeting criteria	Cause	5	5	High	Data demonstrates that PCB levels are below the listing threshold but new data is needed to delist. This listing only applies to the Lower Wicomico River (02130301) watershed