

F.4 Category 4a Waters

Maryland's Combined 2020-2022 Draft Integrated Report- Category 4a 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	Comment
MD-02130102-T-ASSAWOMAN_BAY	Assawoman Bay	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus approved in 2014.
MD-02130102-T-ASSAWOMAN_BAY	Assawoman Bay	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus approved in 2014.
MD-02130102-T-GREYS_CREEK	GREYS CREEK	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus approved in 2014.
MD-02130102-T-GREYS_CREEK	GREYS CREEK	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus approved in 2014.
MD-02130103-T-BISHOPVILLE_PRONG	BISHOPVILLE PRONG	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002.
MD-02130103-T-BISHOPVILLE_PRONG	BISHOPVILLE PRONG	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002.
MD-02130103-T-HERRING_CREEK	HERRING CREEK	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002.
MD-02130103-T-HERRING_CREEK	HERRING CREEK	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002.

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MD-02130103-T-ISLE_OF_WIGHT_BAY	Isle of Wight Bay	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus were approved in 2014.
MD-02130103-T-ISLE_OF_WIGHT_BAY	Isle of Wight Bay	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus were approved in 2014.
MD-02130103-T-MANKLIN_CREEK	MANKLIN CREEK	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus were approved in 2014.
MD-02130103-T-MANKLIN_CREEK	MANKLIN CREEK	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus were approved in 2014.
MD-02130103-T-SHINGLE_LANDING_PRONG	SHINGLE LANDING PRONG	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002.
MD-02130103-T-SHINGLE_LANDING_PRONG	SHINGLE LANDING PRONG	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002.
MD-02130103-T-STMARTIN_RIVER	ST. MARTIN RIVER	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002.
MD-02130103-T-STMARTIN_RIVER	ST. MARTIN RIVER	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002.
MD-02130103-T-TURVILLE_CREEK	TURVILLE CREEK	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002.

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MD-02130103-T-TURVILLE_CREEK	TURVILLE CREEK	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002.
MD-02130104-T	Isle of Wight Bay	Tidal Shellfish Area	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus approved in 2014.
MD-02130104-T	Isle of Wight Bay	Tidal Shellfish Area	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus approved in 2014.
MD-02130105-T-AyerCreek_and_KittsBranch	Ayer Creek and Kitts Branch	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002. The Ayer Creek and Kitts Branch assessment records were consolidated into one record in the 2016 IR.
MD-02130105-T-AyerCreek_and_KittsBranch	Ayer Creek and Kitts Branch	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002. The Ayer Creek and Kitts Branch assessment records were consolidated into one record in the 2016 IR.
MD-02130105-T-MARSHALL_CREEK	MARSHALL CREEK	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus were approved in 2014.
MD-02130105-T-MARSHALL_CREEK	MARSHALL CREEK	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus were approved in 2014.
MD-02130105-T-NEWPORT_BAY	Newport Bay	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now

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												supersede the previous TMDLs approved in 2002.
MD-02130105-T-NEWPORT_BAY	Newport Bay	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2016	Not meeting criteria	Cause	4A	4a	Data collected to support TMDL development in the Newport Bay watershed led to the identification of phosphorus as a significant pollutant in the mainstem portion of Newport Bay.
MD-02130105-T-NEWPORT_CREEK	NEWPORT CREEK	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2016	Not meeting criteria	Cause	4A	4a	Data collected to support TMDL development in the Newport Bay watershed led to the identification of phosphorus as a significant pollutant in Newport Creek.
MD-02130105-T-NEWPORT_CREEK	NEWPORT CREEK	Coastal Bay	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supersede the previous TMDLs approved in 2002.
MD-021301060672-Big_Mill_Pond	BIG MILL POND	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	SEDIMENTATION/SILTATION	2004	Not meeting criteria	Cause	4A	4a	
MD-021301060672-Big_Mill_Pond	BIG MILL POND	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1998	Not meeting criteria	Cause	4A	4a	
MD-02130106-T	Chincoteague Bay	Tidal Shellfish Area	ESTUARY	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus were approved in 2014.
MD-02130106-T	Chincoteague Bay	Tidal Shellfish Area	ESTUARY	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDLs for nitrogen and phosphorus were approved in 2014.
MD-02130203	Upper Pocomoke River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.

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MD-02130203	Upper Pocomoke River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021302030648-Adkins_Pond	ADKINS POND	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1998	Not meeting criteria	Cause	4A	4a	
MD-021302030648-Adkins_Pond	ADKINS POND	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	SEDIMENTATION/SILTATION	1998	Not meeting criteria	Cause	4A	4a	
MD-02130204-Multiple_segments	Dividing Creek	Non-tidal Segment(s)	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	1996	Not meeting criteria	Cause	4A	4a	
MD-021303010558-Tony_Tank_Lake	Tony Tank Lake	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1998	Not meeting criteria	Cause	4A	4a	
MD-021303010558-Tony_Tank_Lake	Tony Tank Lake	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	SEDIMENTATION/SILTATION	1998	Not meeting criteria	Cause	4A	4a	
MD-02130304	Wicomico River Headwaters	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDL includes Johnson Pond
MD-02130304	Wicomico River Headwaters	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	TMDL includes Johnson Pond
MD-02130304-Johnsons_Pond	Johnsons Pond	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	SEDIMENTATION/SILTATION	1996	Not meeting criteria	Cause	4A	4a	TMDL includes all of Wicomico River watershed
MD-02130304-Multiple_segments_1	Leonard Pond Run, Brewington Branch, Middle Neck	Non-tidal Segment(s)	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	1996	Not meeting criteria	Cause	4A	4a	Inadvertently listed as a tidal water in 1996. Changed to non-tidal in 2004 to refine the area of impairment. The impaired portion of this watershed is confined to specified portions of Leonard Pond Run, Brewington Branch and Middle Neck Branch.

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MD-021304030463-La_Trappe_Creek_Pond	LA TRAPPE CREEK POND	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	2002	Not meeting criteria	Cause	4A	4a	
MD-02130403-UTLTC	UT LA TRAPPE CREEK	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	BIOCHEMICAL OXYGEN DEMAND (BOD), CARBONACEOUS	2002	Not meeting criteria	Cause	4A	4a	TMDL developed for the unnamed trib to La Trappe Creek.
MD-02130403-UTLTC	UT LA TRAPPE CREEK	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	BIOCHEMICAL OXYGEN DEMAND (BOD), NITROGENOUS	2002	Not meeting criteria	Cause	4A	4a	TMDL developed for the unnamed trib to La Trappe Creek.
MD-02130404	Upper Choptank River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2012	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing. A TMDL was approved in 2019.
MD-02130405-Tuckahoe_Lake	Tuckahoe Lake	Impoundments	IMPOUNDMENT	Fishing	Not Supporting	MERCURY IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	
MD-021305090415-Urieville_Lake	URIEVILLE LAKE	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	
MD-021305090415-Urieville_Lake	URIEVILLE LAKE	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	SEDIMENTATION/SILTATION	1996	Not meeting criteria	Cause	4A	4a	
MD-02130510	Upper Chester River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2012	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses a portion of the biological impairment listing.

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MD-02130510-Millington_Wildlife_Ponds	MILLINGTON WILDLIFE PONDS	Impoundments	IMPOUNDMENT	Fishing	Not Supporting	MERCURY IN FISH TISSUE	2004	Not meeting criteria	Cause	4A	4a	
MD-02130704	Bynum Run	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that excess sediment is a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses a portion of the biological impairment listing.
MD-02130802	Lower Gunpowder Falls	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2012	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing. TMDL has been approved for sediments.
MD-02130805-Loch_Raven_Reservoir	Loch Raven Reservoir	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	
MD-02130805-Loch_Raven_Reservoir	Loch Raven Reservoir	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	SEDIMENTATION/SILTATION	1996	Not meeting criteria	Cause	4A	4a	
MD-02130805-Multiple_segments	Loch Raven Reservoir	Subwatershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2008	Not meeting criteria	Cause	4A	4a	
MD-02130806	Prettyboy Reservoir	1st thru 4th order streams	RIVER	Water Contact Sports	Not Supporting	FECAL COLIFORM	2002	Not meeting criteria	Cause	4A	4a	This assessment was previously only shown as a small segment impairment. It has now been corrected to show all flowing waters within this watershed as impaired (Category 4a) and addressed by the TMDL.
MD-021308060313-Prettyboy_Reservoir	Prettyboy Reservoir	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	

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MD-02130901	Back River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2012	Not meeting criteria	Cause	4A	4a	TMDL applies only to non-tidal 1st-4th order streams within the MD 8-digit Back River watershed (MD-02130901).
MD-02130901-HERRING_RUN	HERRING RUN	River Mainstem	RIVER	Water Contact Sports	Not Supporting	FECAL COLIFORM	2002	Not meeting criteria	Cause	4A	4a	applies to basin numbers 021309011040, 021309011041, 021309011042
MD-02130904	Jones Falls	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	FECAL COLIFORM	2002	Not meeting criteria	Cause	4A	4a	Cause/Pollutant was changed from generic (Fecal Bacteria) back to the original Fecal Coliform to align with EPA parameter names.
MD-02130904	Jones Falls	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02130904-Lake_Roland	Lake Roland	Impoundments	IMPOUNDMENT	Fishing	Not Supporting	PCBS IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	
MD-02130905	Gwynns Falls	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	FECAL COLIFORM	2002	Not meeting criteria	Cause	4A	4a	Cause/Pollutant was changed from generic (Fecal Bacteria) back to the original Fecal Coliform to align with EPA parameter names.
MD-02130905	Gwynns Falls	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02130906	Patapsco River Lower North Branch	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this

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MD-02130906-Multiple_segments_lower	Patapsco River Lower North Branch	Subwatershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2008	Not meeting criteria	Cause	4A	4a	This listing was split out from the previous watershed-wide listing for fecal bacteria in the Lower North Branch Patapsco watershed.
MD-02130906-Multiple_segments_upper	Patapsco River Lower North Branch	Subwatershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2008	Not meeting criteria	Cause	4A	4a	This listing was split out from the previous watershed-wide listing for fecal bacteria in the Lower North Branch Patapsco watershed.
MD-02130907-Liberty_Reservoir	Liberty Reservoir	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	TMDL completed.
MD-02130907-Liberty_Reservoir	Liberty Reservoir	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	SEDIMENTATION/SILTATION	1996	Not meeting criteria	Cause	4A	4a	TMDL completed.
MD-02130907-Multiple_segments	Liberty Reservoir	Non-tidal Segment(s)	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2022	Not meeting criteria	Cause	4A	4a	
MD-02131003	South River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2014	Not meeting criteria	Cause	4A	4a	TMDL applies only to non-tidal 1st-4th order streams within the MD 8-digit South River watershed.
MD-02131004	West River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2012	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses a portion of the biological impairment listing.
MD-02131005	Other West Chesapeake Bay	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2014	Not meeting criteria	Cause	4A	4a	TMDL applies only to non-tidal 1st-4th order streams within the MD 8-digit Other West Chesapeake watershed.

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MD-02131101	Patuxent River lower	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2014	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess sediments (TSS) are a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses a portion of the biological impairment.
MD-021311010873-Lake_Lariat	LAKE LARIAT	Impoundments	IMPOUNDMENT	Fishing	Not Supporting	MERCURY IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	
MD-02131102	Patuxent River Middle	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2014	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess sediments are a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses a portion of the biological impairment listing.
MD-02131104	Patuxent River upper	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. The TMDL and listing for sediment addresses a portion of the biological impairment listing.
MD-021311040938-Cash_Lake	CASH LAKE	Impoundments	IMPOUNDMENT	Fishing	Not Supporting	MERCURY IN FISH TISSUE	2004	Not meeting criteria	Cause	4A	4a	
MD-02131104-lower	Patuxent River upper	Non-tidal Segment(s)	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2008	Not meeting criteria	Cause	4A	4a	From point at Old Queen Anne's bridge on Old Queen Anne's bridge road to the confluence of the Patuxent River with the Little Patuxent River.
MD-02131105	Little Patuxent River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that sediment is a major stressor affecting

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MD-021311050955-Centennial_Lake	Centennial Lake	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	SEDIMENTATION/SILTATION	1998	Not meeting criteria	Cause	4A	4a	
MD-021311050955-Centennial_Lake	Centennial Lake	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1998	Not meeting criteria	Cause	4A	4a	
MD-021311070941-Rocky_Gorge_Reservoir	Rocky Gorge Reservoir	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1998	Not meeting criteria	Cause	4A	4a	Name of listing changed from Duckett Reservoir to proper name as Rocky Gorge Reservoir.
MD-021311080966-Triadelphia_Reservoir	Triadelphia Reservoir	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	SEDIMENTATION/SILTATION	1998	Not meeting criteria	Cause	4A	4a	
MD-021311080966-Triadelphia_Reservoir	Triadelphia Reservoir	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1998	Not meeting criteria	Cause	4A	4a	
MD-021401030718-ST_MARYS_LAKE	ST. MARY'S LAKE	Impoundments	IMPOUNDMENT	Fishing	Not Supporting	MERCURY IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	
MD-02140109	Port Tobacco River	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2016	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing. A TMDL was approved in 2019.
MD-02140202	Potomac River Montgomery County	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that sediment is a major stressor affecting biological integrity in this watershed. The TMDL and listing for sediment addresses a portion of the

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												biological impairment listing.
MD-02140203	Piscataway Creek	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2002	Not meeting criteria	Cause	4A	4a	
MD-02140203	Piscataway Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2016	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that total suspended solids are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing. A TMDL was approved in 2019.
MD-02140205	Anacostia River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	
MD-02140205	Anacostia River	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	ENTEROCOCCUS	2002	Not meeting criteria	Cause	4A	4a	
MD-02140205	Anacostia River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	A joint TMDL developed in cooperation with DC was approved for both the tidal and nontidal portions of the Anacostia that addressed the sediment/TSS impairment. TMDL approved by EPA on 7/24/07. This listing replaces the biological listing.
MD-02140205	Anacostia River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	
MD-02140205	Anacostia River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	BIOCHEMICAL OXYGEN DEMAND (BOD)	1996	Not meeting criteria	Cause	4A	4a	
MD-02140205	Anacostia River	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	TRASH	2006	Not meeting criteria	Cause	4A	4a	

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	Comment
MD-02140205-Mainstem	Anacostia River	River Mainstem	RIVER	Fishing	Not Supporting	POLYCHLORINATED BIPHENYLS (PCBS)	2002	Not meeting criteria	Cause	4A	4a	The extent of this listing was changed in 2014 to reflect the mainstem (including Northeast and Northwest main Branches) of the Anacostia downstream to the head of tide. Fish tissue and water data included in this assessment.
MD-02140206	Rock Creek	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	ENTEROCOCCUS	2002	Not meeting criteria	Cause	4A	4a	
MD-02140206	Rock Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that excess sediment is a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses the biological impairment for this watershed.
MD-02140206	Rock Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	
MD-02140207	Cabin John Creek	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2002	Not meeting criteria	Cause	4A	4a	
MD-02140207	Cabin John Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02140208	Seneca Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. The TMDL for TSS addresses a portion of the biological impairment listing.

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MD-021402080857-Clopper_Lake	CLOPPER LAKE	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1998	Not meeting criteria	Cause	4A	4a	
MD-021402080857-Clopper_Lake	CLOPPER LAKE	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	SEDIMENTATION/SILTATION	1998	Not meeting criteria	Cause	4A	4a	
MD-02140302	Lower Monocacy River	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2002	Not meeting criteria	Cause	4A	4a	
MD-02140302	Lower Monocacy River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that excess sediment is a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses the biological impairment.
MD-02140302	Lower Monocacy River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	
MD-02140302-LAKE_LINGANORE	Lake Linganore	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	SEDIMENTATION/SILTATION	1996	Not meeting criteria	Cause	4A	4a	
MD-02140302-LAKE_LINGANORE	Lake Linganore	Impoundments	IMPOUNDMENT	Public Water Supply	Not Supporting	CHLOROPHYL L-A	2022	Not meeting criteria	Cause	4A	4a	Recent data demonstrates that chl-a levels are exceeding the criteria for Public Water Supply but the existing TMDL covers this impairment. Chl-a is the listed cause to better align with the ATTAINS system, it is still indicating phosphorus.
MD-02140303	Upper Monocacy River	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2002	Not meeting criteria	Cause	4A	4a	
MD-02140303	Upper Monocacy River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess sediments (TSS) are a major stressor affecting biological integrity in this watershed. The TMDL and listing for TSS

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	Comment
												addresses a portion of the biological impairment listing.
MD-02140303	Upper Monocacy River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. The TMDL and listing for phosphorus addresses a portion of the biological impairment listing.
MD-02140304	Double Pipe Creek	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2002	Not meeting criteria	Cause	4A	4a	
MD-02140304	Double Pipe Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses a portion of the biological impairment listing.
MD-02140304	Double Pipe Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-02140305	Catoctin Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	
MD-02140305	Catoctin Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. This 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	Comment
												replaces the biological listing.
MD-02140501	Potomac River Washington County	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that sediment is a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses a portion of the biological impairment listing.
MD-02140502	Antietam Creek	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2002	Not meeting criteria	Cause	4A	4a	
MD-02140502	Antietam Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that sediments are a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses a portion of the biological impairment listing.
MD-02140502	Antietam Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. The TMDL for phosphorus addresses a portion of the biological impairment listing.
MD-02140503	Marsh Run	1st thru 4th order streams	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2016	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that sediments are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing. A TMDL was approved in 2019.
MD-02140504	Conococheague Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess sediment is a major

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												stressor affecting biological integrity in this watershed. The TMDL and listing for sediment addresses a portion of the biological impairment listing.
MD-02140504	Conococheague Creek	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2002	Not meeting criteria	Cause	4A	4a	
MD-02141002	Evitts Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. The TMDL for TSS thus addresses a portion of the biological impairment listing.
MD-02141003	Wills Creek	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2002	Not meeting criteria	Cause	4A	4a	
MD-02141003	Wills Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. The TMDL for TSS addresses a portion of the biological impairment listing.
MD-021410030098-UT3_JENNINGS_RUN	UT3 JENNINGS RUN	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2006	Not meeting criteria	Cause	4A	4a	Impairment is limited to the stream segment represented by station 60/UJN0005 (not whole 12-digit watershed). Segment crosses Beartrack Farm Road.
MD-021410030099-JENNINGS_RUN	JENNINGS RUN	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2006	Not meeting criteria	Cause	4A	4a	These segments flow downstream and cross Sugar Row Road.
MD-021410030099-UT1_JENNINGS_RUN	UT1 JENNINGS RUN	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2006	Not meeting criteria	Cause	4A	4a	This segment flows downstream toward Mount Savage.

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	Comment
UT1_JENNINGS_RUN												
MD-021410030099-UT2_JENNINGS_RUN	UT2 JENNINGS RUN	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2002	Not meeting criteria	Cause	4A	4a	This segment flows downstream between Morantown and Slabtown.
MD-02141004	Georges Creek	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. The TMDL and listing for sediment addresses a portion of the biological impairment listing.
MD-02141004	Georges Creek	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2002	Not meeting criteria	Cause	4A	4a	
MD-021410040088-UT_Georges_Creek	UN TRIB TO GEORGES CR	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2002	Not meeting criteria	Cause	4A	4a	Listing scale refined by TMDL. The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021410040088-UT_Moores_Run	Unnamed trib to Moores Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2002	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR to provide greater geographic specificity. The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021410040089-Jackson_Run	Georges Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	Impaired segments identified by TMDL monitoring. The Biostressor analysis indicates that low pH is a

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	Comment
												major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021410040089-Mill_Run	Georges Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	Impaired segments identified by TMDL monitoring. The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021410040091-Matthew_Run	Georges Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	Impaired segment identified by TMDL monitoring. The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021410040092-Staub_Run	STAUB RUN	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2002	Not meeting criteria	Cause	4A	4a	Divided into smaller more spatially accurate listings for the 2012 IR. The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-021410040093-Winebrenner_Run	Georges Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	Impaired segment identified by TMDL monitoring. The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This 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	Comment
												replaces the biological listing.
MD-02141005	Upper North Branch Potomac River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	
MD-021410050039-Laurel_Run	LAUREL RUN	Subwatershed	RIVER	Aquatic Life and Wildlife	Not Supporting	IRON	2008	Not meeting criteria	Cause	4A	4a	
MD-021410050039-Laurel_Run	LAUREL RUN	Subwatershed	RIVER	Aquatic Life and Wildlife	Not Supporting	ALUMINUM	2012	Not meeting criteria	Cause	4A	4a	
MD-021410050039-Laurel_Run	LAUREL RUN	Subwatershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.
MD-021410050043-Glade_Run	Glade Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.
MD-021410050046-N_Prong_Lostland_Run	North Prong Lostland Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.
MD-021410050046-S_Prong_Lostland_Run	South Prong Lostland Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion

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	Comment
												of the biological impairment listing.
MD-021410050047-Short_Run	Short Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.
MD-021410050047-Wolfden_Run	Wolfden Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.
MD-021410050048-Three_Forks_Run	THREE FORKS RUN	Subwatershed	RIVER	Aquatic Life and Wildlife	Not Supporting	IRON	2008	Not meeting criteria	Cause	4A	4a	
MD-021410050048-Three_Forks_Run	THREE FORKS RUN	Subwatershed	RIVER	Aquatic Life and Wildlife	Not Supporting	ALUMINUM	2008	Not meeting criteria	Cause	4A	4a	
MD-021410050048-Three_Forks_Run_part	THREE FORKS RUN	Subwatershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.
MD-021410050049-Elklick_Run	ELKLICK RUN	Subwatershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.

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MD-021410050050-Laurel_Run_north	Laurel Run near Savage Reservoir	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.
MD-02141005-Mainstem_above JR_Lake	MAINSTEM ABOVE JENNINGS RANDOLPH LAKE	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	IRON	2012	Not meeting criteria	Cause	4A	4a	
MD-021410060075-UT_Savage_River	Unnamed tributary to the Savage upstream from Aaron Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	
MD-021410060075-UTAaron_Run1	Unnamed trib to Aaron Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2004	Not meeting criteria	Cause	4A	4a	This side tributary to Aaron Run was split out from the mainstem low pH assessment record (2014) to reflect the fact that this segment requires more data to confirm delisting.
MD-021410060075-UTAaron_Run2	Unnamed trib to Aaron Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2004	Not meeting criteria	Cause	4A	4a	This side tributary to Aaron Run was split out from the mainstem low pH assessment record (2014) to reflect the fact that this segment requires more data to confirm delisting.
MD-021410060077-Pine_Swamp_Run	Pine Swamp Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	
MD-021410060077-Savage_Reservoir	Savage Reservoir	Impoundments	IMPOUNDMENT	Fishing	Not Supporting	MERCURY IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	

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	Comment
MD-021410060078-Big_Run	Big Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	
MD-021410060078-Miller_Run	Miller Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	
MD-021410060079-Poplar_Lick_Run	Poplar Lick Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	
MD-021410060081-Little_Savage_River	Little Savage River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4A	4a	
MD-05020201	Youghiogheny River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. The TMDL and listing for sediment addresses a portion of the biological impairment listing.
MD-050202010002-Cherry_Creek	Youghiogheny River	Non-tidal Segment(s)	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2008	Not meeting criteria	Cause	4A	4a	listing is for upstream of station CHC0008
MD-050202010005-Cherry_Bottom_Run	Cherry_Bottom_Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010005-Snowy_Creek	Snowy_Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.

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MD-050202010008-Millers_Run	Millers_Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010008-Toliver_Run	Toliver_Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010009-Herrington_Run	Herrington_Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010009-Murley_Run	Murley_Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010010-Muddy_Creek	Muddy_Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010010-Ned_Run	Ned_Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH

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	Comment
												impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010014-White_Rock_Glade	White_Rock_Glade	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010014-White_Rock_Run	White_Rock_Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010016-UT_Bear_Creek	Unnamed trib to Bear Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010016-UT_Little_Bear_Creek	Unnamed trib to Little Bear Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010017-Laurel_Run	Laurel_Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired

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	Comment
												and addressed in the TMDL has not changed.
MD-050202010017-Trap_Run	Trap_Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010019-Buffalo_Run1	Buffalo_Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010019-NorthBranch_Laurel_Run	NorthBranch_Laurel_Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010019-UT_Glade_Run	Unnamed trib to Glade Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.
MD-050202010021-UT_Mill_Run	Unnamed trib to Mill Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous aggregated pH impairment listing for the Youghiogheny. The size of water listed as impaired and addressed in the TMDL has not changed.

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	Comment
MD-05020202	Little Youghiogheny River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	BIOCHEMICAL OXYGEN DEMAND (BOD), CARBONACEOUS	1996	Not meeting criteria	Cause	4A	4a	
MD-05020202	Little Youghiogheny River	Non-tidal 8-digit watershed	RIVER	Water Contact Sports	Not Supporting	ESCHERICHIA COLI (E. COLI)	2002	Not meeting criteria	Cause	4A	4a	
MD-05020202	Little Youghiogheny River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	
MD-05020202	Little Youghiogheny River	Non-tidal 8-digit watershed	RIVER	Aquatic Life and Wildlife	Not Supporting	BIOCHEMICAL OXYGEN DEMAND (BOD), NITROGENOUS	1996	Not meeting criteria	Cause	4A	4a	
MD-0502020026-Broadford_Lake	BROADFORD LAKE	Impoundments	IMPOUNDMENT	Aquatic Life and Wildlife	Not Supporting	PHOSPHORUS, TOTAL	1998	Not meeting criteria	Cause	4A	4a	
MD-050202030029-Cherry_Creek	CHERRY CR	Subwatershed	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	The Biostressor analysis indicated that low pH is a major stressor affecting biological integrity in Cherry Creek. The TMDL for pH in Cherry Creek addresses a portion of the biological impairment listing.
MD-05020203-Deep_Creek_Lake	Deep Creek Lake	Impoundments	IMPOUNDMENT	Fishing	Not Supporting	MERCURY IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	
MD-050202040030-NorthBranch_Casselman_River	North Branch Casselman River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous watershed pH listing. The size of water listed as impaired and addressed in the TMDL has not changed. The BSID indicated that pH is a major stressor to biological integrity in this watershed.

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	Comment
MD-050202040031-SouthBranch_Casselma n_River1	South Branch Casselman River	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous watershed pH listing. The size of water listed as impaired and addressed in the TMDL has not changed. The BSID indicated that pH is a major stressor to biological integrity in this watershed.
MD-050202040033-Little_Laurel_Ru n	Little Laurel Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	Restoration activities implemented by MDE show two years of meeting pH standards but cannot delist until it is meeting standards for three consecutive years. Need one more year of data.
MD-050202040034-Little_Shade_Ru n	Little Shade Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous watershed pH listing. The size of water listed as impaired and addressed in the TMDL has not changed. The BSID indicated that pH is a major stressor to biological integrity in this watershed.
MD-050202040035-Meadow_Run	Meadow Run	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	1996	Not meeting criteria	Cause	4A	4a	This listing was split out in the 2014 IR from the previous watershed pH listing. The size of water listed as impaired and addressed in the TMDL has not changed. The BSID indicated that pH is a major stressor to biological integrity in this watershed.

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	Comment
MD-050202040038-Big_Piney_Reservoir	BIG PINEY RESERVOIR	Impoundments	IMPOUNDMENT	Fishing	Not Supporting	MERCURY IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	
MD-ANATF	ANATF - Anacostia River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2006	Not meeting criteria	Cause	4A	4a	TMDLs for the tidal portion of the Anacostia and Potomac Rivers were jointly developed between VA, DC, and MD. These TMDLs addressed tidal PCB listings in these MD watersheds: 02140101, 02140102, 02140201, and 02140205.
MD-ANATF	ANATF - Anacostia River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Water Contact Sports	Not Supporting	TRASH	2006	Not meeting criteria	Cause	4A	4a	
MD-ANATF	ANATF - Anacostia River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	BIOCHEMICAL OXYGEN DEMAND (BOD)	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2008) also still applies.
MD-ANATF	ANATF - Anacostia River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	BIOCHEMICAL OXYGEN DEMAND (BOD)	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2008) also still applies.
MD-ANATF	ANATF - Anacostia River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2008) also still applies.
MD-ANATF	ANATF - Anacostia	Chesapeake Bay segment	ESTUARY	Open-Water Fish and	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL

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	Comment
	River Tidal Fresh			Shellfish Subcategory								established on 12/29/2010. An older TMDL (2008) also still applies.
MD-ANATF	ANATF - Anacostia River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	A joint TMDL developed in cooperation with DC was approved for both the tidal and nontidal portions of the Anacostia that addressed the sediment/TSS impairment.
MD-ANATF	ANATF - Anacostia River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Water Contact Sports	Not Supporting	ENTEROCOCCUS	2004	Not meeting criteria	Cause	4A	4a	Reestablished as separate listing from non tidal portion in 2004. TMDL approved on 9/19/06.
MD-ANATF	ANATF - Anacostia River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2008) also still applies.
MD-ANATF	ANATF - Anacostia River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2008) also still applies.
MD-BACOH	BACOH - Back River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.
MD-BACOH	BACOH - Back River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.

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	Comment
				Subcategory								
MD-BACOH	BACOH - Back River Oligohaline	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2008	Not meeting criteria	Cause	4A	4a	
MD-BACOH	BACOH - Back River Oligohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	POLYCHLORINATED BIPHENYLS (PCBS)	1998	Not meeting criteria	Cause	4A	4a	
MD-BACOH	BACOH - Back River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-BACOH	BACOH - Back River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.
MD-BACOH	BACOH - Back River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.
MD-BACOH	BACOH - Back River Oligohaline	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	CHLORDANE	1996	Not meeting criteria	Cause	4A	4a	Recently collected data on Brown Bullheads and white perch shows chlordane levels below the fish tissue threshold. However, newer data is needed to delist.
MD-BIGMH-SWSAV	BIGMH - Big Annemessex	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerge	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2008	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific

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	Comment
	River Mesohaline			d Aquatic Vegetation Subcategory								waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-BOHOH	BOHOH - Bohemia River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2001) also still applies.
MD-BOHOH	BOHOH - Bohemia River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2001) also still applies.
MD-BOHOH	BOHOH - Bohemia River Oligohaline	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	
MD-BOHOH	BOHOH - Bohemia River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2001) also still applies.
MD-BOHOH	BOHOH - Bohemia River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2001) also still applies.
MD-BSHOH	BSHOH - Bush River Oligohaline	Tidal subsegment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-BSHOH	BSHOH - Bush River Oligohaline	Tidal subsegment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-BSHOH	BSHOH - Bush River Oligohaline	Tidal subsegment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-BSHOH	BSHOH - Bush River Oligohaline	Tidal subsegment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-BSHOH	BSHOH - Bush River Oligohaline	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	The area assessed as impaired for PCBs does not include Romney Creek as no fish tissue data has yet been collected there and it is hydrologically not connected to Bush River proper. A TMDL was approved in 2016.
MD-C&DOH	C&DOH - C&D Canal Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-C&DOH	C&DOH - C&D Canal Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
				Subcategory								
MD-C&DOH	C&DOH - C&D Canal Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-C&DOH	C&DOH - C&D Canal Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-C&DOH	C&DOH - C&D Canal Oligohaline	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	
MD-CB1TF	CB1TF - Northern Chesapeake Bay Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB1TF segment. An older TMDL (2002) also still applies to the Swan Creek portion of this segment.
MD-CB1TF	CB1TF - Northern Chesapeake Bay Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB1TF segment. An older TMDL (2002) also still applies to the Swan Creek portion of this segment.
MD-CB1TF	CB1TF - Northern Chesapeake Bay Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB1TF segment. An older TMDL (2002) also still applies to the Swan Creek portion of this segment.

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	Comment
MD-CB1TF	CB1TF - Northern Chesapeake Bay Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB1TF segment. An older TMDL (2002) also still applies to the Swan Creek portion of this segment.
MD-CB2OH	CB2OH - Northern Chesapeake Bay Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB2OH segment. Older TMDLs also still apply to the Fairlee (1999), Stillpond (2002), and Worton Creek (2002) portions of this segment.
MD-CB2OH	CB2OH - Northern Chesapeake Bay Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB2OH segment. Older TMDLs also still apply to the Fairlee (1999), Stillpond (2002), and Worton Creek (2002) portions of this segment.
MD-CB2OH	CB2OH - Northern Chesapeake Bay Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB2OH segment. Older TMDLs also still apply to the Fairlee (1999), Stillpond (2002), and Worton Creek (2002) portions of this segment.
MD-CB2OH	CB2OH - Northern Chesapeake Bay Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB2OH segment. Older TMDLs

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	Comment
				Subcategory								also still apply to the Fairlee (1999), Stillpond (2002), and Worton Creek (2002) portions of this segment.
MD-CB3MH	CB3MH - Upper Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB3MH	CB3MH - Upper Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB3MH	CB3MH - Upper Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB3MH	CB3MH - Upper Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB3MH	CB3MH - Upper Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB3MH	CB3MH - Upper Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
				Nursery Subcategory								
MD-CB3MH	CB3MH - Upper Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB3MH	CB3MH - Upper Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB3MH-SWSAV	CB3MH - Upper Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2008	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB4MH	CB4MH - Middle Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB4MH	CB4MH - Middle Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB4MH	CB4MH - Middle Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-CB4MH	CB4MH - Middle Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB4MH	CB4MH - Middle Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB4MH	CB4MH - Middle Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB4MH-Mill_Creek	MILL CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	Original shellfish-area listing for Severn River was split into 3 separate listings in 2004 to refine area of impairment. These listings were split into: the mainstem Severn, Mill Creek, and a combined listing for Meredith and Whitehall Creek.
MD-CB4MH-SWSAV	CB4MH - Middle Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met. There is water clarity data but they do not achieve the goal. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB4MH-TracyRockhold_Creeks	TRACY CR. AND ROCKHOLD CR. At CONFLUENCE	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1998	Not meeting criteria	Cause	4A	4a	

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	Comment
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MD-CB4MH-Whitehall_Meredith_Creeks	WHITEHAL L AND MEREDITH CREEKS	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	Original shellfish-area listing for Severn River was split into 3 separate listings in 2004 to refine area of impairment. These listings were split into: the mainstem Severn, Mill Creek, and a combined listing for Meredith and Whitehall Creek.
MD-CB5MH	CB5MH - Lower Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB5MH	CB5MH - Lower Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB5MH	CB5MH - Lower Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB5MH	CB5MH - Lower Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB5MH	CB5MH - Lower Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-CB5MH	CB5MH - Lower Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CB5MH-GOOSE_CREEK	GOOSE CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1998	Not meeting criteria	Cause	4A	4a	No longer monitored. Originally monitored to see if area was suitable for aquaculture operations.
MD-CB5MH-HARPER_PEARSON_CREEKS	HARPER AND PEARSON CREEKS	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1998	Not meeting criteria	Cause	4A	4a	No longer monitored. Originally monitored to see if area was suitable for aquaculture. However, lease is not active and there is no harvestable resource. Area is in prohibited zone.
MD-CB5MH-SWSAV	CB5MH - Lower Chesapeake Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2008	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met. There is water clarity data but they do not achieve the goal. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOMH1	CHOMH1 - Choptank River Mesohaline mouth 1	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHOMH1 segment. An older TMDL (2003) also still applies to the Town Creek portion of this segment.
MD-CHOMH1	CHOMH1 - Choptank River Mesohaline mouth 1	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHOMH1 segment. An older TMDL (2003) also still applies to

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	Comment
				Subcategory								the Town Creek portion of this segment.
MD-CHOMH1	CHOMH1 - Choptank River Mesohaline mouth 1	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHOMH1 segment. An older TMDL (2003) also still applies to the Town Creek portion of this segment.
MD-CHOMH1	CHOMH1 - Choptank River Mesohaline mouth 1	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHOMH1 segment. An older TMDL (2003) also still applies to the Town Creek portion of this segment.
MD-CHOMH1-Northeast_Branch	Harris Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-CHOMH1-San_Domingo_Creek_NE_Branch	SAN DOMINGO CREEK NORTHEAST BRANCH	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	A separate TMDL was done for the northwest and northeast branch of San Domingo.
MD-CHOMH1-Tar_Creek-2	Tar Creek - upstream segment	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2016	Not meeting criteria	Cause	4A	4a	TMDL was previously completed for this area. Newer data shows this smaller portion of Tar Creek as failing to meet the shellfish harvesting criteria.
MD-CHOMH1-TOWN_CREEK	Town Creek	Tidal subsegment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	BIOCHEMICAL OXYGEN DEMAND (BOD)	2002	Not meeting criteria	Cause	4A	4a	This assessment records remains due to a TMDL approved in 2003.
MD-CHOMH1-Tred_Avon_River	TRED AVON RIVER	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	

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	Comment
MD-CHOMH2	CHOMH2 - Lower Choptank River Mesohaline 2	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOMH2	CHOMH2 - Lower Choptank River Mesohaline 2	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOMH2	CHOMH2 - Lower Choptank River Mesohaline 2	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOMH2	CHOMH2 - Lower Choptank River Mesohaline 2	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOMH2-Goose_Creek	GOOSE CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-CHOMH2-Indian_Creek	INDIAN CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-CHOMH2-LOWER_CHOPTANK_RIVER_MAINSTEM	CHOPTANK RIVER	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	A new shellfishing area contiguous to this listing was added to the area of impairment. It is represented by the listing MD-CHOMH2-CHOPTANK_RIVER_MAINSTEM2

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	Comment
MD-CHOMH2-SWSAV	CHOMH2 - Lower Choptank River Mesohaline 2	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOMH2-Warwick_River	WARWICK RIVER	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-CHOMH2-Whitehall_Creek	WHITEHALL CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2016	Not meeting criteria	Cause	4A	4a	TMDL completed in 2006.
MD-CHOOH	CHOOH - Choptank River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOOH	CHOOH - Choptank River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOOH	CHOOH - Choptank River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOOH	CHOOH - Choptank River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-CHOOH-SWSAV	CHOOH - Choptank River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2008	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOTF	CHOTF - Upper Choptank River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOTF	CHOTF - Upper Choptank River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOTF	CHOTF - Upper Choptank River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOTF	CHOTF - Upper Choptank River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHOTF	CHOTF - Upper Choptank River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-CHSMH	CHSMH - Lower Chester River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.
MD-CHSMH	CHSMH - Lower Chester River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.
MD-CHSMH	CHSMH - Lower Chester River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.
MD-CHSMH	CHSMH - Lower Chester River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.
MD-CHSMH	CHSMH - Lower Chester River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.
MD-CHSMH	CHSMH - Lower Chester	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Channel	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations

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	Comment
	River Mesohaline			Refuge Use								for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.
MD-CHSMH	CHSMH - Lower Chester River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.
MD-CHSMH	CHSMH - Lower Chester River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.
MD-CHSMH-Corsica_River	CORSICA RIVER	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-CHSMH-SWSAV	CHSMH - Lower Chester River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2008	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-CHSOH	CHSOH - Middle Chester River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSOH segment. Older TMDLs also still apply to the Southeast Creek (2003), Middle Chester (2006), and Upper Chester River

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	Comment
												(2006) portions of this segment.
MD-CHSOH	CHSOH - Middle Chester River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSOH segment. Older TMDLs also still apply to the Southeast Creek (2003), Middle Chester (2006), and Upper Chester River (2006) portions of this segment.
MD-CHSOH	CHSOH - Middle Chester River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSOH segment. Older TMDLs also still apply to the Southeast Creek (2003), Middle Chester (2006), and Upper Chester River (2006) portions of this segment.
MD-CHSOH	CHSOH - Middle Chester River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSOH segment. Older TMDLs also still apply to the Southeast Creek (2003), Middle Chester (2006), and Upper Chester River (2006) portions of this segment.
MD-CHSOH-Lower_Chester_River	Lower Chester River	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	TMDL written and approved for a contiguous body of water that includes parts of the Southeast Creek, Lower Chester, and Middle Chester that are tidal.

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	Comment
MD-CHSOH-Middle_Chester_River	Middle Chester River	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	TMDL written and approved for a contiguous body of water that includes parts of the Southeast Creek, Lower Chester, and Middle Chester that are tidal.
MD-CHSOH-Southeast_River	Southeast Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	TMDL written and approved for a contiguous body of water that includes parts of the Southeast Creek, Lower Chester, and Middle Chester that are tidal.
MD-CHSTF	CHSTF - Upper Chester River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2006) also still applies.
MD-CHSTF	CHSTF - Upper Chester River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2006) also still applies.
MD-CHSTF	CHSTF - Upper Chester River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2006) also still applies.
MD-CHSTF	CHSTF - Upper Chester River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2006) also still applies.

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	Comment
MD-CHSTF-Duck_Neck_Beach	Duck Neck Beach Area	No longer a recognized Beach	ESTUARY	Water Contact Sports	Not Supporting	ENTEROCOCCUS	1996	Not meeting criteria	Cause	4A	4a	No longer designated as a beach by QA County. QA County will no longer be monitoring this site.
MD-EASMH	EASMH - Eastern Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-EASMH	EASMH - Eastern Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-EASMH	EASMH - Eastern Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-EASMH	EASMH - Eastern Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-EASMH	EASMH - Eastern Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-EASMH	EASMH - Eastern Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-EASMH	EASMH - Eastern Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-EASMH	EASMH - Eastern Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-EASMH-Leeds_Creek	LEEDS CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-EASMH-Little_Creek	LITTLE CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-EASMH-Miles_River	MILES RIVER	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	An additional area was added to this restricted shellfish area and was not covered under this TMDL. See listing for MD-EASMH-Miles_River2.
MD-EASMH-SWSAV	EASMH - Eastern Bay Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2008	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-EASMH-Wells_Cove	WELLS COVE	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2014	Not meeting criteria	Cause	4A	4a	TMDL approved in 2006. Recent data shows that bacteria water quality standards are being exceeded.
MD-EASMH-Wye_River	WYE RIVER	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	

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	Comment
MD-EASMH-WYE_RIVER-2	WYE EAST RIVER and QUARTER COVE	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2014	Not meeting criteria	Cause	4A	4a	This shellfish harvesting area was split in the 2018 IR because three stations (0802014, 0802019, and 0802023) are now meeting the shellfish harvesting criteria. This listing record still captures the remaining impaired portion of the Wye River.
MD-ELKOH	ELKOH - Elk River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-ELKOH	ELKOH - Elk River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-ELKOH	ELKOH - Elk River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-ELKOH	ELKOH - Elk River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-ELKOH	ELKOH - Elk River Oligohaline	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	This listing now incorporates the Little, Lower, and Upper portions of the Elk (watersheds 02130601,

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	Comment
												02130603, 02130605). These listings were aggregated since they were hydrologically connected.
MD-GUNOH	GUNOH - Gunpowder River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-GUNOH	GUNOH - Gunpowder River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-GUNOH	GUNOH - Gunpowder River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-GUNOH	GUNOH - Gunpowder River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-GUNOH-02130801	Gunpowder River	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2006	Not meeting criteria	Cause	4A	4a	This listing only applies to the Gunpowder River portion of GUNOH. TMDL approved in 2016. Note: Seneca Creek is not included as part of this listing since it is not hydrologically connected to the Gunpowder.

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	Comment
MD-GUNOH-02130803	Bird River	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2008	Not meeting criteria	Cause	4A	4a	This listing only applies Bird River (02130803). TMDL approved in 2016.
MD-GUNOH-SWSAV	GUNOH - Gunpowder River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2010	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-HNGMH	HNGMH - Honga River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-HNGMH	HNGMH - Honga River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-HNGMH-Back_Creek	BACK CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-LCHMH	LCHMH - Little Choptank River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-LCHMH	LCHMH - Little Choptank River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-LCHMH-Church_Creek	CHURCH CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	4A	4a	TMDL completed in 2005. Newest data shows that the bacteria water quality standard is not being met.

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	Comment
MD-LCHMH-SWSAV	LCHMH - Little Choptank River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2008	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-MAGMH	MAGMH - Magothy River Mesohaline	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2006	Not meeting criteria	Cause	4A	4a	
MD-MAGMH	MAGMH - Magothy River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-MAGMH	MAGMH - Magothy River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-MAGMH	MAGMH - Magothy River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-MAGMH	MAGMH - Magothy River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-MAGMH	MAGMH - Magothy River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-MAGMH	MAGMH - Magothy River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-MAGMH-Forked_Creek	FORKED CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-MAGMH-Magothy_River	MAGOTHY RIVER	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-MAGMH-SWSAV	MAGMH - Magothy River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-MAGMH-Tar_Cove	TAR COVE	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	4A	4a	TMDL approved in 2006. Recent data continue to show the shellfish criteria being exceeded.
MD-MANMH	MANMH - Manokin River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. Older TMDLs (2001) for nitrogen and BOD also still apply to this segment.
MD-MANMH	MANMH - Manokin River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
				and Nursery Subcategory								Older TMDLs (2001) for nitrogen and BOD also still apply to this segment.
MD-MANMH	MANMH - Manokin River Mesohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	BIOCHEMICAL OXYGEN DEMAND (BOD)	1996	Not meeting criteria	Cause	4A	4a	This assessment record remains from an older TMDL approved in 2001.
MD-MANMH	MANMH - Manokin River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-MANMH	MANMH - Manokin River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-MANMH-MANOKIN_RIVER	MANOKIN RIVER	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-MANMH-ST.PETERS_CREEK	ST. PETER'S CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-MANMH-SWSAV	MANMH - Manokin River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-MATTF	Mattawoman Creek	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2014	Not meeting criteria	Cause	4A	4a	Two five-fish composites of blue catfish are above the contaminant threshold. A TMDL was approved in 2019.

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	Comment
MD-MATTF	Mattawoman Creek	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.
MD-MATTF	Mattawoman Creek	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.
MD-MATTF	Mattawoman Creek	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.
MD-MATTF	Mattawoman Creek	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.
MD-MIDOH	MIDOH - Middle River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-MIDOH	MIDOH - Middle River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-MIDOH	MIDOH - Middle River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-MIDOH	MIDOH - Middle River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-NANMH	NANMH - Lower Nanticoke River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2020	Not meeting criteria	Cause	4A	4a	This segment moved from cat 3 to 4a in 2020 since data showed an exceedance of the 30 day mean DO criteria. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-NANMH	NANMH - Lower Nanticoke River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Insufficient Information	PHOSPHORUS, TOTAL	2020	Not enough information	Cause	4A	4a	This segment moved from cat 3 to 4a in 2020 since data showed an exceedance of the 30 day mean DO criteria. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-NANMH	NANMH - Lower Nanticoke River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	2020	Not meeting criteria	Cause	4A	4a	This segment moved from cat 3 to 4a in 2020 since data showed an exceedance of the 30 day mean DO criteria. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-NANMH	NANMH - Lower Nanticoke River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Insufficient Information	NITROGEN, TOTAL	2020	Not enough information	Cause	4A	4a	This segment moved from cat 3 to 4a in 2020 since data showed an exceedance of the 30 day mean DO criteria. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-NANMH-Nanticoke_River-1	NANMH - Lower Nanticoke River Mesohaline	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1998	Not meeting criteria	Cause	4A	4a	This shellfish harvesting area was split in the 2016 IR because two stations (1405144A and 1405144B) are now meeting the shellfish harvesting criteria. This listing record still captures the remaining impaired portion of the Nanticoke River.
MD-NANOH	NANOH - Middle Nanticoke River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2008	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire NANOH segment. An older TMDL (2001) also still applies to the Marshyhope Creek portion of this segment.
MD-NANOH	NANOH - Middle Nanticoke River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2008	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire NANOH segment. An older TMDL (2001) also still applies to the Marshyhope Creek portion of this segment.
MD-NANOH	NANOH - Middle Nanticoke River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	2008	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire NANOH segment. An older TMDL (2001) also still applies to

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	Comment
												the Marshhope Creek portion of this segment.
MD-NANO	NANO - Middle Nanticoke River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	2008	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire NANO segment. An older TMDL (2001) also still applies to the Marshhope Creek portion of this segment.
MD-NANO-SWSAV	NANO - Middle Nanticoke River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-NANTF	NANTF - Upper Nanticoke River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2006	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-NANTF	NANTF - Upper Nanticoke River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2006	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-NANTF	NANTF - Upper Nanticoke River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	2006	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-NANTF	NANTF - Upper Nanticoke	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning	Not Supporting	NITROGEN, TOTAL	2006	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
	River Tidal Fresh			and Nursery Subcategory								
MD-NORTF	NORTF - North East River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.
MD-NORTF	NORTF - North East River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.
MD-NORTF	NORTF - North East River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.
MD-NORTF	NORTF - North East River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.
MD-NORTF	NORTF - North East River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	This listing only applies to watershed 02130608.
MD-PATMH	PATMH - Patapsco River Mesohaline	Non-navigation Channel Areas	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.

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	Comment
MD-PATMH	PATMH - Patapsco River Mesohaline	Non-navigation Channel Areas	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.
MD-PATMH	PATMH - Patapsco River Mesohaline	Non-navigation Channel Areas	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.
MD-PATMH	PATMH - Patapsco River Mesohaline	Non-navigation Channel Areas	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.
MD-PATMH	PATMH - Patapsco River Mesohaline	Non-navigation Channel Areas	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.
MD-PATMH	PATMH - Patapsco River Mesohaline	Non-navigation Channel Areas	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.
MD-PATMH	PATMH - Patapsco River Mesohaline	Non-navigation Channel Areas	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.

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	Comment
MD-PATMH	PATMH - Patapsco River Mesohaline	Non-navigation Channel Areas	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.
MD-PATMH-02130903	Baltimore Harbor Watershed	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	CHLORDANE	1998	Not meeting criteria	Cause	4A	4a	This listing only applies to the Baltimore Harbor (02130903) portion of PATMH. Recently collected data on chlordanes levels in fish tissue generally show levels to be below the fish tissue threshold. However more data is needed to confirm delisting.
MD-PATMH-02130903	Baltimore Harbor Watershed	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	1998	Not meeting criteria	Cause	4A	4a	This listing only applies to the Baltimore Harbor (02130903) portion of PATMH. This listing changed in 2022 from only the mainstem to include Curtis Bay Creek and Bear Creek since they are impaired for both fish tissue and sediments.
MD-PATMH-Bear_Creek	BEAR CREEK	Tidal subsegment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	POLYCHLORINATED BIPHENYLS (PCBS)	1998	Not meeting criteria	Cause	4A	4a	This PCB listing was due to sediment data and fish tissue data. In 2022 the fish tissue data was moved to a PCBs in fish tissue listing for the entire Baltimore Harbor
MD-PATMH-CURTIS_BAY_CREEK	CURTIS BAY, CURTIS CREEK	Tidal subsegment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	POLYCHLORINATED BIPHENYLS (PCBS)	1998	Not meeting criteria	Cause	4A	4a	This PCB listing was due to sediment data and fish tissue data. In 2022 the fish tissue data was moved to a PCBs in fish tissue listing for the entire Baltimore Harbor.

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	Comment
MD-PATMH-FURNACE_CREEK	FURNACE CREEK	Subwatershed	ESTUARY	Water Contact Sports	Not Supporting	ENTEROCOCCUS	1998	Not meeting criteria	Cause	4A	4a	Data collected in 2007 by AA county indicate Furnace Creek is impaired for bacteria, see "ListingReview_old98_listings.doc" - 303(d) data for 2008 list. NOTE: Area for Furnace Creek does not include Back Creek which = 0.024 sq. miles
MD-PATMH-MARLEY_CREEK	MARLEY CREEK	Subwatershed	ESTUARY	Water Contact Sports	Not Supporting	ENTEROCOCCUS	1998	Not meeting criteria	Cause	4A	4a	Data collected in 2007 by AA county indicate Marley Creek is impaired for bacteria, see "ListingReview_old98_listings.doc" - 303(d) data for 2008 list. NOTE: Tanyard Cove area was not included in Marley Creek and = 0.067 sq. miles.
MD-PATMH-Middle-NorthwestHarbor-littoral	Part of Middle Branch and Northwest Harbor	Tidal subsegment	ESTUARY	Water Contact Sports	Not Supporting	TRASH	2008	Not meeting criteria	Cause	4A	4a	Listing only applies to the littoral zone of the Middle Branch (Ferry Bar Park around to Harbor Hospital Center) and the littoral zone of the Northwest Harbor (from Hull Street Pier to Canton Waterfront Park).
MD-PATMH-SWSAV	PATMH - Patapsco River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXMH	Lower Patuxent River	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2008	Not meeting criteria	Cause	4A	4a	TMDL approved for this segment.

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	Comment
MD-PAXMH	Lower Patuxent River	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXMH	Lower Patuxent River	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXMH	Lower Patuxent River	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXMH	Lower Patuxent River	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXMH	Lower Patuxent River	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXMH	Lower Patuxent River	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-PAXMH-Battle_Creek-2	upstream portion of BATTLE CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2010	Not meeting criteria	Cause	4A	4a	This portion of Battle Creek is not meeting the bacteria criteria for shellfish harvesting. A TMDL was completed in 2019.
MD-PAXMH-Battle_Creek-3	upstream portion of BATTLE CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2014	Not meeting criteria	Cause	4A	4a	This portion of Battle Creek is not meeting the bacteria criteria for shellfish harvesting. A TMDL was completed in 2019.
MD-PAXMH-BUZZARD_ISLAND_CREEK	BUZZARD ISLAND CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	4A	4a	TMDL approved in 2019.
MD-PAXMH-CUCKOLD_CREEK	CUCKOLD CR	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-PAXMH-HogNeck_Creek	Hog Neck Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2014	Not meeting criteria	Cause	4A	4a	TMDL approved in 2019.
MD-PAXMH-INDIAN_CREEK	INDIAN CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	4A	4a	Indian Creek is currently violating the shellfish harvesting bacteria criteria.
MD-PAXMH-ISLAND_CREEK	ISLAND CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	4A	4a	TMDL approved in 2004.
MD-PAXMH-MILL_CREEK	MILL CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1998	Not meeting criteria	Cause	4A	4a	
MD-PAXMH-SOLOMONS_ISLAND_HARBOR	SOLOMONS ISLAND HARBOR	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1998	Not meeting criteria	Cause	4A	4a	
MD-PAXMH-ST.THOMAS_CREEK	ST. THOMAS CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1998	Not meeting criteria	Cause	4A	4a	
MD-PAXMH-SWSAV	PAXMH - Lower Patuxent River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant

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	Comment
				Vegetation Subcategory								combination was addressed by a TMDL established on 12/29/2010.
MD-PAXMH-TOWN_CREEK	TOWN CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1998	Not meeting criteria	Cause	4A	4a	
MD-PAXMH-TRENT_HALL_CREEK	Trent Hall Creek	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1998	Not meeting criteria	Cause	4A	4a	
MD-PAXMH-WASHINGTON_PERSIMMON_CREEK	WASHINGTON, PERSIMMON CREEKS	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1998	Not meeting criteria	Cause	4A	4a	
MD-PAXOH	PAXOH - Lower Patuxent River Oligohaline	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2008	Not meeting criteria	Cause	4A	4a	TMDL approved for this segment.
MD-PAXOH	PAXOH - Lower Patuxent River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXOH	PAXOH - Lower Patuxent River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXOH	PAXOH - Lower Patuxent River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXOH	PAXOH - Lower Patuxent	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
	River Oligohaline			and Nursery Subcategory								
MD-PAXOH-SWSAV	PAXOH - Middle Patuxent River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2010	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXTF	PAXTF - Upper Patuxent River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXTF	PAXTF - Upper Patuxent River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXTF	PAXTF - Upper Patuxent River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2016	Not meeting criteria	Cause	4A	4a	TMDL approved for this segment.
MD-PAXTF	PAXTF - Upper Patuxent River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PAXTF	PAXTF - Upper Patuxent River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
				Nursery Subcategory								
MD-PAXTF-SWSAV	PAXTF - Upper Patuxent River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2010	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PISTF	PISTF - Piscataway Creek tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PISTF	PISTF - Piscataway Creek tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PISTF	PISTF - Piscataway Creek tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PISTF	PISTF - Piscataway Creek tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-PISTF	PISTF - Piscataway	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2014	Not meeting criteria	Cause	4A	4a	New blue catfish data showed levels above the contaminant threshold.

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	Comment
	Creek tidal Fresh											TMDL was approved in 2019.
MD-PISTF	PISTF - Piscataway Creek tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POCMH-OH-02130201	Pocomoke Sound	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1998	Not meeting criteria	Cause	4A	4a	This listing was split back out from the combined listing in 2008 (AU-ID: MD-POCMH-OH-Pocomoke_Sound-River) for TMDL accounting purposes. A joint TMDL written in concert with VA was approved in 2009.
MD-POCMH-SWSAV	POCMH - Lower Pocomoke River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2008	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POCOH	POCOH - Middle Pocomoke River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POCOH	POCOH - Middle Pocomoke River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-POCOH	POCOH - Middle Pocomoke River Oligohaline	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POCOH	POCOH - Middle Pocomoke River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POCOH	POCOH - Middle Pocomoke River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POCOH-02130202-Pocomoke	Pocomoke River	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	This listing was split back out from the combined listing in 2008 (AU-ID: MD-POCMH-OH-Pocomoke_Sound-River) for TMDL accounting purposes. A joint TMDL written in concert with VA was approved in 2009.
MD-POCTF	POCTF - Upper Pocomoke River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POCTF	POCTF - Upper Pocomoke River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-POCTF	POCTF - Upper Pocomoke River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POCTF	POCTF - Upper Pocomoke River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POCTF	POCTF - Upper Pocomoke River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POTMH	POTMH - Lower Potomac River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.
MD-POTMH	POTMH - Lower Potomac River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.
MD-POTMH	POTMH - Lower Potomac River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to

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	Comment
												the Breton Bay portion of this segment.
MD-POTMH	POTMH - Lower Potomac River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.
MD-POTMH	POTMH - Lower Potomac River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.
MD-POTMH	POTMH - Lower Potomac River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.
MD-POTMH	POTMH - Lower Potomac River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.
MD-POTMH	POTMH - Lower Potomac River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Channel Refuge Use	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.

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	Comment
MD-POTMH-Carthagena_Creek-k-2	Carthagena Creek - upstream portion	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2016	Not meeting criteria	Cause	4A	4a	TMDL approved in 2005. Recent data shows the upstream portion of Carthagena Creek as exceeding the shellfish harvesting area criteria.
MD-POTMH-Chaptico_Bay	CHAPTICO BAY	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-POTMH-Charleston_Creek	CHARLESTON CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-POTMH-CHERRY_COVE_CREEK	CHERRY COVE CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-POTMH-LOCUST_GROVE_COVE	LOCUST GROVE COVE	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	Also known as St. Georges Creek.
MD-POTMH-OH-02140101	Potomac River Lower Tidal	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	TMDLs for the tidal portion of the Anacostia and Potomac Rivers were jointly developed between VA, DC, and MD. These TMDLs addressed tidal PCB listings in these MD watersheds: 02140101, 02140102, 02140201, and 02140205.
MD-POTMH-St.Clements_Bay-1	ST. CLEMENTS BAY	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	4A	4a	TMDL approved in 2005. Most recent data shows that the shellfish bacteria standard is not being met. This listing has been split as station 1302001 is now not meeting criteria while 1302004 continues to meet criteria (See MD-POTMH-St.Clements_Bay2).
MD-POTMH-St.Inigoes_Creek-1	St. Inigoes Creek - upstream portion	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	The upstream area of St. Inigoes Creek is still exceeding the shellfish harvesting area 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	Comment
MD-POTMH-St.Inigoes_Creek-3	St. Inigoes Creek downstream embayment	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	This downstream embayment within St. Inigoes Creek is still restricted to shellfish harvesting.
MD-POTMH-SWSAV	POTMH - Lower Potomac River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2008	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POTMH-Tall_Timbers_Cove	TALL TIMBERS COVE	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	4A	4a	TMDL approved in 2005. Most recent data shows that the shellfish bacteria standard is not being met.
MD-POTMH-Whites_Neck_Creek	WHITES NECK CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2004	Not meeting criteria	Cause	4A	4a	
MD-POTOH1	POTOH1 - Lower Potomac River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POTOH1	POTOH1 - Lower Potomac River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POTOH1	POTOH1 - Lower Potomac River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-POTOH1	POTOH1 - Lower Potomac River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POTOH2	POTOH2 - Port Tobacco River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (1999) also still applies.
MD-POTOH2	POTOH2 - Port Tobacco River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (1999) also still applies.
MD-POTOH2	POTOH2 - Port Tobacco River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (1999) also still applies.
MD-POTOH2	POTOH2 - Port Tobacco River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (1999) also still applies.
MD-POTOH3	POTOH3 - Nanjemoy Creek	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POTOH3	POTOH3 - Nanjemoy Creek	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was

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	Comment
				Spawning and Nursery Subcategory								addressed by a TMDL established on 12/29/2010.
MD-POTOH3	POTOH3 - Nanjemoy Creek	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POTOH3	POTOH3 - Nanjemoy Creek	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POTOH3-SWSAV	POTOH3 - Nanjemoy Creek	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POTOH-TF-02140102	Potomac River Middle Tidal	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	TMDLs for the tidal portion of the Anacostia and Potomac Rivers were jointly developed between VA, DC, and MD. These TMDLs addressed tidal PCB listings in these MD watersheds: 02140101, 02140102, 02140201, and 02140205.
MD-POTTF	POTTF - Upper Potomac River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
				Subcategory								
MD-POTTF	POTTF - Upper Potomac River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POTTF	POTTF - Upper Potomac River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POTTF	POTTF - Upper Potomac River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-POTTF-02140201	Potomac River Upper tidal	Tidal subsegment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	TMDLs for the tidal portion of the Anacostia and Potomac Rivers were jointly developed between VA, DC, and MD. These TMDLs addressed tidal PCB listings in these MD watersheds: 02140101, 02140102, 02140201, and 02140205.
MD-RHDMH	RHDMH - Rhode River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-RHDMH	RHDMH - Rhode River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-RHDMH	RHDMH - Rhode River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-RHDMH	RHDMH - Rhode River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-RHDMH-Bear_Neck_Creek	BEAR NECK CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2016	Not meeting criteria	Cause	4A	4a	New data shows this area is exceeding the shellfish harvesting area criteria. A TMDL was previously completed in 2006.
MD-RHDMH-Cadle_Creek	CADLE CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-SASOH	SASOH - Sassafras River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SASOH	SASOH - Sassafras River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-SASOH	SASOH - Sassafras River Oligohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2002) also still applies.
MD-SASOH	SASOH - Sassafras River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2002) also still applies.
MD-SASOH	SASOH - Sassafras River Oligohaline	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	Channel catfish data are still above the impairment threshold.
MD-SASOH-SWSAV	SASOH - Sassafras River Oligohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2010	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SEVMH	SEVMH - Severn River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SEVMH	SEVMH - Severn River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-SEVMH	SEVMH - Severn River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SEVMH	SEVMH - Severn River Mesohaline	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2006	Not meeting criteria	Cause	4A	4a	This listing only includes the Severn mainstem, not Whitehall or Mill Creek.
MD-SEVMH	SEVMH - Severn River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SEVMH	SEVMH - Severn River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SEVMH	SEVMH - Severn River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SEVMH-Severn_River-2	Severn River	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	In 2010 the Severn River shellfish listing was split into two separate geographic areas after the middle section became approved for shellfish harvesting. This record captures the upstream-most bacteria impairment.
MD-SEVMH-SWSAV	SEVMH - Severn River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	2010	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are

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	Comment
				Submerged Aquatic Vegetation Subcategory								available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SOUMH	SOUMH - South River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SOUMH	SOUMH - South River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SOUMH	SOUMH - South River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	2012	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SOUMH	SOUMH - South River Mesohaline	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2002	Not meeting criteria	Cause	4A	4a	
MD-SOUMH	SOUMH - South River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Deep-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SOUMH	SOUMH - South River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-SOUMH	SOUMH - South River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-SOUMH-DUVAL CREEK	DUVAL CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-SOUMH-RAMSEY LAKE	RAMSEY LAKE	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-SOUMH-SELBY_BAY-1	SELBY BAY	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	This area assessed by station 0306801 does not meet shellfish harvesting standards. MD-SOUMH-SELBY_BAY-2 was split from this listing since stations 036115 and 0306015 were currently meeting the shellfish harvesting bacteria criteria.
MD-SOUMH-SOUTH_RIVER	SOUTH RIVER	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-SOUMH-SWSAV	SOUMH - South River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-TANMH	TANMH - Tangier Sound Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-TANMH	TANMH - Tangier Sound Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-TANMH-LAWS_UPPER-THOROFARE	LAWS THOROFARE AND UPPER THOROFARE	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2012	Not meeting criteria	Cause	4A	4a	TMDL approved in 2006. Recent data shows this area failing to meet the shellfish bacteria standard.
MD-TANMH-SWSAV	TANMH - Tangier Sound Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-WBRTF	WBRTF - Western Branch Patuxent River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	BIOCHEMICAL OXYGEN DEMAND (BOD)	1996	Not meeting criteria	Cause	4A	4a	This assessment remains due to a TMDL approved in 2000.
MD-WBRTF	WBRTF - Western Branch Patuxent River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2000) also still applies.
MD-WBRTF	WBRTF - Western Branch Patuxent River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2000) also still applies.

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	Comment
MD-WBRTF	WBRTF - Western Branch Patuxent River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2000) also still applies.
MD-WBRTF	WBRTF - Western Branch Patuxent River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2000) also still applies.
MD-WBRTF	WBRTF - Western Branch Patuxent River Tidal Fresh	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-WICMH	WICMH - Wicomico River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire WICMH segment. Older TMDLs also still apply to the Wicomico Creek (2001) and Lower Wicomico River (2001) portions of this segment.
MD-WICMH	WICMH - Wicomico River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire WICMH segment. Older TMDLs also still apply to the Wicomico Creek (2001) and Lower Wicomico River (2001) portions of this segment.

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	Comment
MD-WICMH	WICMH - Wicomico River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire WICMH segment. Older TMDLs also still apply to the Wicomico Creek (2001) and Lower Wicomico River (2001) portions of this segment.
MD-WICMH	WICMH - Wicomico River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire WICMH segment. Older TMDLs also still apply to the Wicomico Creek (2001) and Lower Wicomico River (2001) portions of this segment.
MD-WICMH-02130301	Lower Wicomico River	Tidal subsegment	ESTUARY	Aquatic Life and Wildlife	Not Supporting	BIOCHEMICAL OXYGEN DEMAND (BOD)	1996	Not meeting criteria	Cause	4A	4a	This assessment record remains due to a TMDL approved in 2001.
MD-WICMH-02130302-1	Monie Bay	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2006	Not meeting criteria	Cause	4A	4a	The size of this impaired assessment unit was reduced in 2014 as two of the three stations delineating this area were meeting shellfish harvesting standards.
MD-WICMH-Ellis_Bay	Ellis Bay	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	2014	Not meeting criteria	Cause	4A	4a	Station 1406206 does not meet shellfish harvesting water quality standards. TMDL approved in 2021
MD-WICMH-Wicomico_River	WICOMICO RIVER	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	WICMH-Wicomico_River-4 (Station 1406004) was split out from this listing (MD-WICMH-Wicomico_River) in the 2018 IR since it now supports the shellfish

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	Comment
												harvesting bacteria standard.
MD-WSTMH	WSTMH - West River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-WSTMH	WSTMH - West River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	PHOSPHORUS, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-WSTMH	WSTMH - West River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Migratory Fish Spawning and Nursery Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-WSTMH	WSTMH - West River Mesohaline	Chesapeake Bay segment	ESTUARY	Open-Water Fish and Shellfish Subcategory	Not Supporting	NITROGEN, TOTAL	1996	Not meeting criteria	Cause	4A	4a	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.
MD-WSTMH-PARISH_CREEK	PARISH CREEK	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-WSTMH-SWSAV	WSTMH - West River Mesohaline	Chesapeake Bay segment	ESTUARY	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Not Supporting	TOTAL SUSPENDED SOLIDS (TSS)	1996	Not meeting criteria	Cause	4A	4a	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.

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	Comment
MD-WSTMH-WEST_RIVER	West River	Tidal Shellfish Area	ESTUARY	Shellfishing	Not Supporting	FECAL COLIFORM	1996	Not meeting criteria	Cause	4A	4a	
MD-WST-RHDMH-02131004	West River	Chesapeake Bay segment	ESTUARY	Fishing	Not Supporting	PCBS IN FISH TISSUE	2006	Not meeting criteria	Cause	4A	4a	This listing applies to all of the tidal portion of watershed 02131004.