F.4 Category 4a Waters

Maryland's 2014 Final Integrated Report - Category 4a Waters

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130102-T-GREYS_CREEK	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Assawoman Bay		Coastal Bay		Upstream Source	TMDLs for nitrogen and phosphorus approved in 2014.	
MD-02130102-T-ASSAWOMAN_BAY	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Assawoman Bay		Coastal Bay		Upstream Source	TMDLs for nitrogen and phosphorus approved in 2014.	
MD-02130102-T-ASSAWOMAN_BAY	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Assawoman Bay		Coastal Bay		Upstream Source	TMDLs for nitrogen and phosphorus approved in 2014.	
MD-02130102-T-GREYS_CREEK	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Assawoman Bay		Coastal Bay		Upstream Source	TMDLs for nitrogen and phosphorus approved in 2014.	
MD-02130103-T-STMARTIN_RIVER	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Agriculture	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	
MD-02130103-T-TURVILLE_CREEK	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Agriculture	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130103-T-HERRING_CREEK	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Agriculture	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	
MD-02130103-T-MANKLIN_CREEK	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Agriculture	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-02130103-T-SHINGLE_LANDING_PRONG	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Agriculture	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	
MD-02130103-T-BISHOPVILLE_PRONG	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Agriculture	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	
MD-02130103-T-STMARTIN_RIVER	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Urban Runoff/Storm Sewers	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	
MD-02130103-T-MANKLIN_CREEK	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Urban Runoff/Storm Sewers	TMDLs for nitrogen and phosphorus were approved in 2014.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130103-T-TURVILLE_CREEK	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Urban Runoff/Storm Sewers	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	
MD-02130103-T-HERRING_CREEK	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Urban Runoff/Storm Sewers	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	
MD-02130103-T-BISHOPVILLE_PRONG	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Urban Runoff/Storm Sewers	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	
MD-02130103-T-SHINGLE_LANDING_PRONG	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Urban Runoff/Storm Sewers	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	
MD-02130103-T-ISLE_OF_WIGHT_BAY	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Agriculture	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-02130103-T-ISLE_OF_WIGHT_BAY	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay		Coastal Bay		Urban Runoff/Storm Sewers	TMDLs for nitrogen and phosphorus were approved in 2014.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130104-T	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Sinepuxent Bay		Coastal Bay		Urban Runoff/Storm Sewers	TMDLs for nitrogen and phosphorus approved in 2014.	
MD-02130104-T	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Sinepuxent Bay		Coastal Bay		Urban Runoff/Storm Sewers	TMDLs for nitrogen and phosphorus approved in 2014.	
MD-02130105-T-AYER_CREEK	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Newport Bay		Coastal Bay		Agriculture	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	
MD-02130105-T-KITTS_BRANCH	WO	Aquatic Life and Wildlife	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2014
Newport Bay		Coastal Bay		Agriculture	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	
MD-02130105-T-MARSHALL_CREEK	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Newport Bay		Coastal Bay		Agriculture	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-02130105-T-NEWPORT_CREEK	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Newport Bay		Coastal Bay		Agriculture	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	
MD-02130105-T-NEWPORT_BAY	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Newport Bay		Coastal Bay		Agriculture	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130105-T-MARSHALL_CREEK	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Newport Bay		Coastal Bay		Agriculture	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-02130106-T	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Chincoteague Bay		Coastal Bay		Upstream Source	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-02130106-T	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2014
Chincoteague Bay		Coastal Bay		Upstream Source	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-021301060672-Big_Mill_Pond	WO	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2002
Chincoteague Bay		Impoundments		Agriculture		
MD-021301060672-Big_Mill_Pond	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
Chincoteague Bay		Impoundments		Agriculture		
MD-POCMH-OH-02130201	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2010
Pocomoke Sound		Tidal Shellfish Area		Manure Runoff	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-POCOH	WO, SO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-POCOH	WO, SO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Water Clarity	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing supersedes the previous sediment listing for watershed 02130202.	
MD-POCOH	WO, SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POCOH	WO, SO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POCOH	WO, SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POCMH-SWSAV	SO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POCMH - Lower Pocomoke River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal and water clarity is insufficient.	
MD-POCOH-02130202-Pocomoke	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2010
Lower Pocomoke River		Tidal Shellfish Area		Manure Runoff	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.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-POCTF	WO, SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POCTF	WO, SO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient listings for watersheds 02130202, 02130204, and 02130205.	
MD-POCTF	WO, SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POCTF	WO, SO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Water Clarity	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the tidal Sediment/TSS listings from watersheds 02130202, 02130204, and 02130205.	
MD-POCTF	WO, SO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient listings for watersheds 02130202, 02130204, and 02130205.	
MD-021302030648-Adkins_Pond	WI	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
Upper Pocomoke River		Impoundments		Agriculture		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021302030648-Adkins_Pond	WI	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2002
Upper Pocomoke River		Impoundments		Agriculture		
MD-02130203	WI, WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Upper Pocomoke River		Non-tidal 8-digit watershed	94%	Crop Production (Crop Land or Dry Land)	The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
MD-02130203	WI, WO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2014
Upper Pocomoke River		Non-tidal 8-digit watershed	84%	Crop Production (Crop Land or Dry Land)	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
MD-02130204-Multiple_segments	WI, WO, SO	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Dividing Creek		Non-tidal Segment(s)		Wastes from Pets		
MD-TANMH-LAWS_UPPER-THOROFARE	SO	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
TANMH - Tangier Sound Mesohaline		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL approved in 2006. Latest data shows this area failing to meet the shellfish bacteria standard.	
MD-TANMH	DO, SO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
TANMH - Tangier Sound Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-TANMH	DO, SO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
TANMH - Tangier Sound Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-TANMH-SWSAV	DO, SO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
TANMH - Tangier Sound Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing supersedes the previous Sediment/TSS listing for watershed 02130206.	
MD-BIGMH-SWSAV	SO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
BIGMH - Big Annemessex River Mesohaline		Chesapeake Bay segment		Source Unknown	Measured acres of SAV does not meet the restoration goal and there is insufficient water clarity. The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-MANMH	SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MANMH - Manokin River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addressed the nutrient load allocations for the Manokin River. However, an older TMDL may still apply to this segment.	
MD-MANMH-SWSAV	SO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
MANMH - Manokin River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV restoration goal is not being met and there is insufficient water clarity.	
MD-MANMH-ST.PETERS_CREEK	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MANMH - Manokin River Mesohaline		Tidal Shellfish Area		Manure Runoff		

Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Pollution Sources	Reason For Removal Notes	Cycle Delisted
MD-MANMH-MANOKIN_RIVER MANMH - Manokin River Mesohaline	SO	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006
MD-MANMH MANMH - Manokin River Mesohaline	SO	Open-Water Fish and Shellfish Subcategory Chesapeake Bay segment	Phosphorus (Total)	Dissolved Oxygen Agriculture	TMDL approved The Chesapeake Bay TMDL addressed the nutrient load allocations for the Manokin River.	2012
MD-MANMH MANMH - Manokin River Mesohaline	SO	Seasonal Migratory Fish Spawning and Nursery Subcategory. Chesapeake Bay segment	Phosphorus (Total)	Dissolved Oxygen Agriculture	TMDL approved The Chesapeake Bay TMDL addressed the nutrient load allocations for the Manokin River.	2012
MD-MANMH MANMH - Manokin River Mesohaline	SO	Open-Water Fish and Shellfish Subcategory Chesapeake Bay segment	Nitrogen (Total)	Dissolved Oxygen Agriculture	TMDL approved The Chesapeake Bay TMDL addressed the nutrient load allocations for the Manokin River. However, an older TMDL may still apply to this segment.	2012
MD-WICMH-Wicomico_River WICMH - Wicomico River Mesohaline	WI, SO	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)	TMDL approved	2009
MD-021303010558-Tony_Tank_Lake Lower Wicomico River	WI	Aquatic Life and Wildlife Impoundments	Sedimentation/siltation	Unknown Urban Runoff/Storm Sewers	TMDL approved	2000
MD-021303010558-Tony_Tank_Lake Lower Wicomico River	WI	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Agriculture	TMDL approved	2000

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-WICMH	WI, SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WICMH - Wicomico River Mesohaline		Chesapeake Bay segment		Urban Runoff/Storm Sewers	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire WICMH segment. However, older TMDLs may still apply to the Wicomico Creek and Lower Wicomico River portions of this segment.	
MD-WICMH	WI, SO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WICMH - Wicomico River Mesohaline		Chesapeake Bay segment		Urban Runoff/Storm Sewers	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire WICMH segment. However, older TMDLs may still apply to the Wicomico Creek and Lower Wicomico River portions of this segment.	
MD-WICMH	WI, SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WICMH - Wicomico River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire WICMH segment. However, older TMDLs may still apply to the Wicomico Creek and Lower Wicomico River portions of this segment.	
MD-WICMH	WI, SO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WICMH - Wicomico River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire WICMH segment. However, older TMDLs may still apply to the Wicomico Creek and Lower Wicomico River portions of this segment.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-WICMH-02130302_1	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2012
WICMH - Wicomico River Mesohaline		Tidal Shellfish Area		On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)	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-02130304-Johnsons_Pond	WI	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
Wicomico River Headwaters		Impoundments		Agriculture	TMDL includes all of Wicomico River watershed	
MD-02130304	WI	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2002
Wicomico River Headwaters		Non-tidal 8-digit watershed		Agriculture	TMDL includes Johnson Pond	
MD-02130304	WI	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
Wicomico River Headwaters		Non-tidal 8-digit watershed		Agriculture	TMDL includes Johnson Pond	
MD-02130304-Johnsons_Pond	WI	Aquatic Life and Wildlife	Sedimentation/siltation	Direct Measurement	TMDL approved	2002
Wicomico River Headwaters		Impoundments		Agriculture	TMDL includes all of Wicomico River watershed	
MD-02130304-Multiple_segments_1	WI	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2008
Wicomico River Headwaters		Non-tidal Segment(s)		Sanitary Sewer Overflows (Collection System Failures)	Inadvertantly 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.	
MD-NANMH-NANTICOKE_RIVER	DO, WI	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
NANMH - Lower Nanticoke River Mesohaline		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-NANTF	DO, WI	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
NANTF - Upper Nanticoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-NANTF	DO, WI	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
NANTF - Upper Nanticoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-NANTF	DO, WI	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
NANTF - Upper Nanticoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-NANTF	DO, WI	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
NANTF - Upper Nanticoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-NANOH	DO, WI	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
NANOH - Middle Nanticoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire NANOH segment. However, an older TMDL may still apply to the Marshyhope Creek portion of this segment.	
MD-NANOH	DO, WI	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
NANOH - Middle Nanticoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire NANOH segment. However, an older TMDL may still apply to the Marshyhope Creek portion of this segment.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-NANOH	DO, WI	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
NANOH - Middle Nanticoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire NANOH segment. However, an older TMDL may still apply to the Marshyhope Creek portion of this segment.	
MD-NANOH	DO, WI	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
NANOH - Middle Nanticoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire NANOH segment. However, an older TMDL may still apply to the Marshyhope Creek portion of this segment.	
MD-NANOH-SWSAV	DO, WI	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
NANOH - Middle Nanticoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV and water clarity do not meet the restoration goal. This listing captures the previous Sediment/TSS listing for the tidal portion of watershed 02130306.	
MD-HNGMH-Back_Creek	DO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Honga River		Tidal Shellfish Area		Wastes from Pets		
MD-HNGMH	DO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
HNGMH - Honga River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-HNGMH-SWSAV	DO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
HNGMH - Honga River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal and there is insufficient water clarity.	
MD-HNGMH	DO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
HNGMH - Honga River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-LCHMH	DO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
LCHMH - Little Choptank River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-LCHMH	DO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
LCHMH - Little Choptank River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-LCHMH-Church_Creek	DO	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
Little Choptank River		Tidal Shellfish Area		Wastes from Pets	TMDL completed in 2005. Newest data shows that the bacteria water quality standard is not being met.	
MD-LCHMH-SWSAV	DO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
LCHMH - Little Choptank River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-CHOMH1	TA, DO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHOMH1 segment. However, an older TMDL may still apply to the Town Creek portion of this segment.	
MD-CHOMH1	TA, DO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHOMH1 segment. However, an older TMDL may still apply to the Town Creek portion of this segment.	
MD-CHOMH2	TA, DO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH2 - Choptank River Mesohaline 2		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CHOMH2	TA, DO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH2 - Choptank River Mesohaline 2		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CHOMH1	TA, DO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHOMH1 segment. However, an older TMDL may still apply to the Town Creek portion of this segment.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-CHOMH2-SWSAV	TA, DO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHOMH2 - Choptank River Mesohaline 2		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing captures the previous Sediment/TSS listing from watershed 02130403.	
MD-CHOMH2	TA, DO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH2 - Choptank River Mesohaline 2		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CHOMH1-SWSAV	TA, DO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	
MD-CHOMH1	TA, DO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHOMH1 segment. However, an older TMDL may still apply to the Town Creek portion of this segment.	
MD-CHOMH1-San_Domingo_Creek_NE_Branch	TA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Lower Choptank River		Tidal Shellfish Area		Manure Runoff	A separate TMDL done for the northwest and northeast branch of San Domingo.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHOMH2	TA, DO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH2 - Choptank River Mesohaline 2		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CHOMH1-Northeast_Branch	TA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River		Tidal Shellfish Area		Manure Runoff		
MD-021304030463-La_Trappe_Creek_Pond	TA	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2004
Lower Choptank River		Impoundments		Municipal Point Source Discharges		
MD-02130403-UTLTC	TA	Aquatic Life and Wildlife	BOD, nitrogenous	Direct Measurement	TMDL approved	2004
Lower Choptank River		Non-tidal Segment(s)		Municipal Point Source Discharges	TMDL developed for the unnamed trib to La Trappe Creek.	
MD-CHOMH1-Tred_Avon_River	TA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River		Tidal Shellfish Area		Manure Runoff		
MD-CHOMH2-Goose_Creek	DO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River		Tidal Shellfish Area		Manure Runoff		
MD-02130403-UTLTC	TA	Aquatic Life and Wildlife	BOD, carbonaceous	Direct Measurement	TMDL approved	2004
Lower Choptank River		Non-tidal Segment(s)		Municipal Point Source Discharges	TMDL developed for the unnamed trib to La Trappe Creek.	
MD-CHOMH2-Warwick_River	DO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River		Tidal Shellfish Area		Manure Runoff		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHOMH2-Indian_Creek	DO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River		Tidal Shellfish Area		Manure Runoff		
MD-CHOMH1-San_Domingo_Creek_NW_Branch	TA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River		Tidal Shellfish Area		Manure Runoff	A separate TMDL done for the northwest and northeast branch of San Domingo.	
MD-CHOMH2-LOWER_CHOPTANK_RIVER_MAINSTEM	TA, DO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Lower Choptank River		Tidal Shellfish Area		Manure Runoff	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	
MD-CHOOH	TA, DO, CA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOOH - Choptank River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CHOOH	TA, DO, CA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOOH - Choptank River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient listings from watersheds 02130403 and 02130404.	
MD-CHOOH	TA, DO, CA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOOH - Choptank River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient listings from watersheds 02130403 and 02130404.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-CHOOH	TA, DO, CA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOOH - Choptank River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CHOOH-SWSAV	TA, DO, CA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHOOH - Choptank River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing captures the previous Sediment/TSS listings from watersheds 02130403 and 02130404.	
MD-CHOTF	TA, QA, CA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CHOTF	TA, QA, CA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CHOTF	TA, QA, CA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Water Clarity	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing for TSS combines the listings from the tidal portions of the Upper Choptank and Tuckahoe Creek watersheds.	
MD-CHOTF	TA, QA, CA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHOTF	TA, QA, CA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-02130405-Tuckahoe_Lake	QA, CA	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Tuckahoe Creek		Impoundments		Atmospheric Deposition - Toxics		
MD-EASMH-Little_Creek	QA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Eastern Bay		Tidal Shellfish Area		Manure Runoff		
MD-EASMH	QA, TA	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH	QA, TA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH	QA, TA	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-EASMH	QA, TA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH	QA, TA	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH-SWSAV	QA, TA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met. This listing captures the TSS/Sediment impairment from watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH	QA, TA	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH	QA, TA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-EASMH	QA, TA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH-Leeds_Creek	TA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Miles River		Tidal Shellfish Area		Wastes from Pets		
MD-EASMH-Miles_River	TA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Miles River		Tidal Shellfish Area		Manure Runoff	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-WYE_RIVER2	QA, TA	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2014
Wye River		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	This area now fails to meet the shellfish harvesting area bacteria criteria.	
MD-EASMH-Wye_River	QA, TA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Wye River		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)		
MD-EASMH-Wells_Cove	QA	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2014
Kent Narrows - Prospect Bay		Tidal Shellfish Area		Wastes from Pets	TMDL approved in 2006. New data now shows that bacteria water quality standards are being exceeded.	
MD-CHSOH-Lower_Chester_River	KE, QA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
Lower Chester River		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	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	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHSMH	KE, QA	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHSMH segment. However, an older TMDL may still apply to the Corsica River portion of this segment.	
MD-CHSMH	KE, QA	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHSMH segment. However, an older TMDL may still apply to the Corsica River portion of this segment.	
MD-CHSMH	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHSMH segment. However, an older TMDL may still apply to the Corsica River portion of this segment.	
MD-CHSMH-SWSAV	KE, QA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met. This listing captures the sediment listings from watersheds 02130505, 02130506, and 02130507.	
MD-CHSMH	KE, QA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHSMH segment. However, an older TMDL may still apply to the Corsica River portion of this segment.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHSMH	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHSMH segment. However, an older TMDL may still apply to the Corsica River portion of this segment.	
MD-CHSMH	KE, QA	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHSMH segment. However, an older TMDL may still apply to the Corsica River portion of this segment.	
MD-CHSMH	KE, QA	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHSMH segment. However, an older TMDL may still apply to the Corsica River portion of this segment.	
MD-CHSMH	KE, QA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHSMH segment. However, an older TMDL may still apply to the Corsica River portion of this segment.	
MD-CHSOH	KE, QA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHSOH segment. However, older TMDLs may still apply to the Middle Chester, Southeast, and Upper Chester River portions of this segment.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHSOH-SWSAV	KE, QA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV is not meeting the restoration goal.	
MD-CHSOH	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHSOH segment. However, older TMDLs may still apply to the Middle Chester, Southeast, and Upper Chester River portions of this segment.	
MD-CHSOH	KE, QA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHSOH segment. However, older TMDLs may still apply to the Middle Chester, Southeast, and Upper Chester River portions of this segment.	
MD-CHSOH	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHSOH segment. However, older TMDLs may still apply to the Middle Chester, Southeast, and Upper Chester River portions of this segment.	
MD-CHSMH-02130507	KE, QA	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2012
Corsica River		Tidal subsegment		Upstream/Downstream Source	This listing only applies to the Corsica River (02130507) portion of CHSMH.	

Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Pollution Sources	Reason For Removal Notes	Cycle Delisted
MD-CHSMH-Corsica_River Corsica River	QA	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006
MD-CHSOH-Southeast_River Southeast Creek	KE, QA	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Livestock (Grazing or Feeding Operations)	TMDL approved 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.	2009
MD-CHSOH-Middle_Chester_River Middle Chester River	KE, QA	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Livestock (Grazing or Feeding Operations)	TMDL approved 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.	2009
MD-021305090415-Urieville_Lake Middle Chester River	KE	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Agriculture	TMDL approved	2000
MD-021305090415-Urieville_Lake Middle Chester River	KE	Aquatic Life and Wildlife Impoundments	Sedimentation/siltation	Unknown Agriculture	TMDL approved	2000
MD-CHSTF-Duck_Neck_Beach Upper Chester River	QA	Water Contact Sports Public Beach	Enterococcus	Direct Measurement Wildlife Other than Waterfowl	TMDL approved No longer designated as a beach by QA County. QA County will no longer be monitoring this site.	2012
MD-CHSTF CHSTF - Upper Chester River Tidal Fresh	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory. Chesapeake Bay segment	Phosphorus (Total)	Dissolved Oxygen Agriculture	TMDL approved The Chesapeake Bay TMDL addresses the nutrient load allocations for the CHSTF segment. However, an older TMDL may still apply to this segment.	2006

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHSTF	KE, QA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the CHSTF segment. However, an older TMDL may still apply to this segment.	
MD-02130510-Millington_Wildlife_Ponds	KE	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2012
Upper Chester River		Impoundments		Atmospheric Deposition - Toxics		
MD-CHSTF	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the CHSTF segment. However, an older TMDL may still apply to this segment.	
MD-CHSTF	KE, QA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	
MD-CHSTF	KE, QA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the CHSTF segment. However, an older TMDL may still apply to this segment.	
MD-ELKOH	CE	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2014
ELKOH - Elk River Oligohaline		Chesapeake Bay segment		Non-regulated watershed runoff	This listing now incorporates the Little, Lower, and Upper portions of the Elk (watersheds 02130601, 02130603, 02130605). These listings were aggregated since they were hydrologically connected.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-ELKOH	CE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
ELKOH - Elk River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the nutrient listings for watersheds 02130601 and 02130603.	
MD-ELKOH	CE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
ELKOH - Elk River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the nutrient listings for watersheds 02130601 and 02130603.	
MD-ELKOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
ELKOH - Elk River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the nutrient listings for watersheds 02130601 and 02130603.	
MD-ELKOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
ELKOH - Elk River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the nutrient listings for watersheds 02130601 and 02130603.	
MD-BOHOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the BOHOH segment. However, an older TMDL may still apply to this segment.	
MD-BOHOH	CE	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2012
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Upstream/Downstream Source		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-BOHOH	CE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the BOHOH segment. However, an older TMDL may still apply to this segment.	
MD-BOHOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the BOHOH segment. However, an older TMDL may still apply to this segment.	
MD-BOHOH	CE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the BOHOH segment. However, an older TMDL may still apply to this segment.	
MD-C&DOH	CE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
C&DOH - C&D Canal Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-C&DOH	CE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
C&DOH - C&D Canal Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-C&DOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
C&DOH - C&D Canal Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-C&DOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
C&DOH - C&D Canal Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-C&DOH	CE	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2014
C&DOH - C&D Canal Oligohaline		Chesapeake Bay segment		Non-regulated watershed runoff		
MD-NORTF	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the NORTF segment. However, an older TMDL may still apply to this segment.	
MD-NORTF	CE	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2012
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Upstream/Downstream Source	This listing only applies to watershed 02130608.	
MD-NORTF	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the NORTF segment. However, an older TMDL may still apply to this segment.	
MD-NORTF	CE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the NORTF segment. However, an older TMDL may still apply to this segment.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-NORTF	CE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the NORTF segment. However, an older TMDL may still apply to this segment.	
MD-SASOH	CE, KE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the SASOH segment. However, an older TMDL for Sassafras River may still apply to this segment.	
MD-SASOH-SWSAV	CE, KE	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
SASOH - Sassafras River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity goal has not been met for this segment.	
MD-SASOH	CE, KE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the SASOH segment. However, an older TMDL for Sassafras River may still apply to this segment.	
MD-SASOH	CE, KE	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2012
SASOH - Sassafras River Oligohaline		Chesapeake Bay segment		Contaminated Sediments		

Assessment Unit	*County*	*Designated Use*	*Cause*	*Indicator*	*Reason For Removal*	*Cycle Delisted*
Basin Name		*Water Type Detail*	*Percent Attributable Risk*	*Pollution Sources*	*Notes*	
MD-SASOH	CE, KE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the SASOH segment. However, an older TMDL for Sassafras River may still apply to this segment.	
MD-SASOH	CE, KE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the SASOH segment. However, an older TMDL for Sassafras River may still apply to this segment.	
MD-BSHOH	HA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-BSHOH	HA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-BSHOH	HA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-BSHOH	HA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130704	HA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2011
Bynum Run		Non-tidal 8-digit watershed	37%	Urban Runoff/Storm Sewers	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-GUNOH	HA, BA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-GUNOH	HA, BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-GUNOH	HA, BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-GUNOH-SWSAV	HA, BA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing supersedes the Sediment/TSS listings for watersheds 02130801 and 02130803.	
MD-GUNOH	HA, BA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-MIDOH	BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-MIDOH	BA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-MIDOH	BA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-MIDOH-SWSAV	BA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
MIDOH - Middle River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	
MD-MIDOH	BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-02130805-Multiple_segments	BA, CR	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Loch Raven Reservoir		Subwatershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-02130805-Loch_Raven_Reservoir	BA, CR	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
Loch Raven Reservoir		Impoundments		Urban Runoff/Storm Sewers		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130805-Loch_Raven_Reservoir	BA, CR	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2008
Loch Raven Reservoir		Impoundments		Agriculture		
MD-02130805-Loch_Raven_Reservoir	BA, CR	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2006
Loch Raven Reservoir		Impoundments		Atmospheric Deposition - Toxics		
MD-02130806	BA, CR	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2009
Prettyboy Reservoir		River Mainstem		Livestock (Grazing or Feeding Operations)	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	BA	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2006
Prettyboy Reservoir		Impoundments		Atmospheric Deposition - Toxics		
MD-021308060313-Prettyboy_Reservoir	BA	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
Prettyboy Reservoir		Impoundments		Agriculture		
MD-BACOH	BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline		Chesapeake Bay segment		Municipal Point Source Discharges	The Chesapeake Bay TMDL addresses the nutrient load allocations for the BACOH segment. However, an older TMDL may still apply to this segment.	
MD-BACOH	BA	Fishing	Chlordane	Direct Measurement	TMDL approved	2002
BACOH - Back River Oligohaline		Chesapeake Bay segment		Contaminated Sediments		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-BACOH	BA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline		Chesapeake Bay segment		Municipal Point Source Discharges	The Chesapeake Bay TMDL addresses the nutrient load allocations for the BACOH segment. However, an older TMDL may still apply to this segment.	
MD-BACOH	BA	Aquatic Life and Wildlife	Polychlorinated biphenyls	Direct Measurement	TMDL approved	2014
BACOH - Back River Oligohaline		Chesapeake Bay segment		Contaminated Sediments		
MD-02130901-HERRING_RUN	BA, BC	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Back River		River Mainstem		Sanitary Sewer Overflows (Collection System Failures)	applies to basin numbers 021309011040, 021309011041, 021309011042	
MD-BACOH	BA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
BACOH - Back River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-BACOH	BA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline		Chesapeake Bay segment		Municipal Point Source Discharges	The Chesapeake Bay TMDL addresses the nutrient load allocations for the BACOH segment. However, an older TMDL may still apply to this segment.	
MD-BACOH	BA	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2014
BACOH - Back River Oligohaline		Chesapeake Bay segment		Contaminated Sediments		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-BACOH	BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline		Chesapeake Bay segment		Municipal Point Source Discharges	The Chesapeake Bay TMDL addresses the nutrient load allocations for the BACOH segment. However, an older TMDL may still apply to this segment.	
MD-PATMH	AA, BA, BC	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	The Chesapeake Bay TMDL addressed the nutrient load allocations for the PATMH segment. However, an older TMDL may still apply to this segment.	
MD-PATMH	AA, BA, BC	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	The Chesapeake Bay TMDL addressed the nutrient load allocations for the PATMH segment. However, an older TMDL may still apply to this segment.	
MD-PATMH	AA, BA, BC	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	The Chesapeake Bay TMDL addressed the nutrient load allocations for the PATMH segment. However, an older TMDL may still apply to this segment.	
MD-PATMH-SWSAV	AA, BA, BC	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PATMH - Patapsco River Mesohaline		SAV Grow Zone		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal and water clarity is insufficient. This listing supersedes the previous Sediment/TSS listings for watersheds 02130903 and 02130902.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-PATMH	AA, BA, BC	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	The Chesapeake Bay TMDL addressed the nutrient load allocations for the PATMH segment. However, an older TMDL may still apply to this segment.	
MD-PATMH-MARLEY_CREEK	AA	Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Subwatershed		Wastes from Pets	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-02130903	AA, BA, BC	Aquatic Life and Wildlife	Chlordane - sediments	Direct Measurement	TMDL approved	2002
Baltimore Harbor Watershed		Chesapeake Bay segment		Contaminated Sediments	This listing only applies to the Baltimore Harbor (02130903) portion of PATMH.	
MD-PATMH	AA, BA, BC	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	The Chesapeake Bay TMDL addressed the nutrient load allocations for the PATMH segment. However, an older TMDL may still apply to this segment.	
MD-PATMH	AA, BA, BC	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	The Chesapeake Bay TMDL addressed the nutrient load allocations for the PATMH segment. However, an older TMDL may still apply to this segment.	
MD-PATMH-CURTIS_BAY_CREEK	AA, BC	Aquatic Life and Wildlife	PCBs - sediments and fish tissue	Direct Measurement	TMDL approved	2014
PATMH - Patapsco River Mesohaline		Tidal subsegment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	This PCB listing was due to sediment data, not fish tissue.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-PATMH-Bear_Creek	BA	Aquatic Life and Wildlife	PCBs - sediments and fish tissue	Direct Measurement	TMDL approved	2014
PATMH - Patapsco River Mesohaline		Tidal subsegment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	This PCB listing was due to sediment data, not fish tissue.	
MD-PATMH-02130903-Mainstem	AA, BA, BC	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2014
Baltimore Harbor Watershed		Tidal subsegment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	This listing only applies to the Baltimore Harbor (02130903) portion of PATMH. A TMDL has now been completed.	
MD-PATMH-FURNACE_CREEK	AA	Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Subwatershed		Wildlife Other than Waterfowl	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	AA, BA, BC	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Navigation Channel		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. The size for this assessment unit was previously shown as 4.44 sq miles. However, to be more consistent with other Deep Channel assessments, this assessment was given the full PATMH size (36.15 sqmiles)	
MD-PATMH	AA, BA, BC	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Navigation Channel		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. The size for this assessment unit was previously shown as 4.44 sq miles. However, to be more consistent with other Deep Channel assessments, this assessment was given the full PATMH size (36.15 sqmiles)	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130904-Lake_Roland	BA	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2014
Jones Falls		Impoundments		Upstream Source		
MD-02130904	BA, BC	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Jones Falls		Non-tidal 8-digit watershed	93%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
MD-02130904	BA, BC	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Jones Falls		Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-02130905	BA, BC	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Gwynns Falls		Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-02130905	BA, BC	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2010
Gwynns Falls		Non-tidal 8-digit watershed	24%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
MD-02130906	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Patapsco River Lower North Branch		Non-tidal 8-digit watershed	70%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130906-Multiple_segments_upper	AA, BA, BC, HO, CR	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Patapsco River Lower North Branch		Subwatershed		Sanitary Sewer Overflows (Collection System Failures)	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_lower	AA, BA, BC, HO, CR	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Patapsco River Lower North Branch		Subwatershed		Sanitary Sewer Overflows (Collection System Failures)	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	BA, CR	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Liberty Reservoir		Impoundments		Crop Production (Crop Land or Dry Land)	TMDL completed.	
MD-02130907-Multiple_segments	BA, CR	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Liberty Reservoir		Non-tidal Segment(s)		Livestock (Grazing or Feeding Operations)		
MD-02130907-Liberty_Reservoir	BA, CR	Aquatic Life and Wildlife	Sedimentation/siltation	Direct Measurement	TMDL approved	2014
Liberty Reservoir		Impoundments		Crop Production (Crop Land or Dry Land)	TMDL completed.	
MD-MAGMH	AA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-MAGMH-Tar_Cove	AA	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
MAGMH - Magothy River Mesohaline		Tidal Shellfish Area		Wastes from Pets	TMDL approved in 2006. New data shows the shellfish bacteria water quality standard as not being met.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-MAGMH-SWSAV	AA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met.	
MD-MAGMH	AA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-MAGMH-Forked_Creek	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MAGMH - Magothy River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-MAGMH	AA	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-MAGMH	AA	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-MAGMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-MAGMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-MAGMH-Magothy_River	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MAGMH - Magothy River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-CB4MH-Whitehall_Meredith_Creeks	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
CB4MH - Middle Chesapeake Bay Mesohaline		Tidal Shellfish Area		Wastes from Pets	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-SEVMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CB4MH-Mill_Creek	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
CB4MH - Middle Chesapeake Bay Mesohaline		Tidal Shellfish Area		Wastes from Pets	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-SEVMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-SEVMH	AA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-SEVMH-SWSAV	AA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity goal is not being met for this segment.	
MD-SEVMH	AA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-SEVMH-Severn_River2	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
SEVMH - Severn River Mesohaline		Tidal Shellfish Area		Wastes from Pets	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	AA	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-SEVMH	AA	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-SOUMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-SOUMH-SOUTH_RIVER	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline		Tidal Shellfish Area		Wastes from Pets		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-SOUMH-SWSAV	AA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met.	
MD-SOUMH	AA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-SOUMH-DUVALL_CREEK	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-SOUMH-SELBY_BAY	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-SOUMH	AA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-SOUMH-RAMSEY_LAKE	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-SOUMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-SOUMH	AA	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-SOUMH	AA	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-WSTMH	AA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the original nutrient listing for watershed 02131004.	
MD-WSTMH-SWSAV	AA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
WSTMH - West River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met. This listing was split and now supersedes the previous Sediment/TSS listing for watershed 02131004.	
MD-WSTMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the original nutrient listing for watershed 02131004.	
MD-RHDMH	AA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
RHDMH - Rhode River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the previous nutrient listing for the whole of watershed 02131004.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-RHDMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
RHDMH - Rhode River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the previous nutrient listing for the whole of watershed 02131004.	
MD-RHDMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
RHDMH - Rhode River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the previous nutrient listing for the whole of watershed 02131004.	
MD-WSTMH-PARISH_CREEK	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
WSTMH - West River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-WSTMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the original nutrient listing for watershed 02131004.	
MD-WSTMH-WEST_RIVER	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
WSTMH - West River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-RHDMH	AA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
RHDMH - Rhode River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the previous nutrient listing for the whole of watershed 02131004.	

Assessment Unit	*County*	*Designated Use*	*Cause*	*Indicator*	*Reason For Removal*	*Cycle Delisted*
Basin Name		*Water Type Detail*	*Percent Attributable Risk*	*Pollution Sources*	*Notes*	
MD-RHDMH-Cadle_Creek	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
RHDMH - Rhode River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-WSTMH	AA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the original nutrient listing for watershed 02131004.	
MD-CB4MH-TracyRockhold_Creeks	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
CB4MH - Middle Chesapeake Bay Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-PAXOH	PG, CV	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PAXMH	CH, CV, PG, SM	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PAXMH-INDIAN_CREEK	CH, SM	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	Indian Creek is currently violating the shellfish harvesting bacteria criteria.	
MD-PAXOH	PG, CV	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	*County*	*Designated Use*	*Cause*	*Indicator*	*Reason For Removal*	*Cycle Delisted*
Basin Name		*Water Type Detail*	*Percent Attributable Risk*	*Pollution Sources*	*Notes*	
MD-PAXMH	CH, CV, PG, SM	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PAXMH-TRENT_HALL_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-021311010873-Lake_Lariat	CV	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Patuxent River lower		Impoundments		Atmospheric Deposition - Toxics		
MD-PAXMH-CUCKOLD_CREEK	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-PAXMH-SOLOMONS_ISLAND_HARBOR	CV	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-CB5MH-GOOSE_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
CB5MH - Lower Chesapeake Bay Mesohaline		Tidal Shellfish Area		Wastes from Pets	No longer monitored. Originally monitored to see if area was suitable for aquaculture operations.	
MD-PAXMH-TOWN_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Wastes from Pets		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-PAXMH-ST.THOMAS_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-PAXMH-ISLAND_CREEK	CV	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL approved in 2004. The data from station 0902109, used to assess this creek, shows fecal coliform values that hover right around the 90th percentile.	
MD-PAXMH-MILL_CREEK	CH	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)		
MD-PAXMH-WASHINGTON_PERSIMMON_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-PAXMH	CH, CV, PG, SM	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PAXOH-SWSAV	PG, CV	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing supersedes the previous Sediment/TSS listing for watershed 02131101.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-PAXOH	PG, CV	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PAXMH	CH, CV, PG, SM	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PAXMH	CH, CV, PG, SM	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PAXMH	CH, CV, PG, SM	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PAXMH-SWSAV	CH, CV, PG, SM	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met. This listing captures the previous Sediment/TSS listing for watershed 02131101.	
MD-PAXOH	PG, CV	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CB5MH-HARPER_PEARSON_CREEKS	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
CB5MH - Lower Chesapeake Bay Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-PAXTF	AA, CV, PG	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PAXTF	AA, CV, PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PAXTF	AA, CV, PG	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PAXTF	AA, CV, PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PAXTF-SWSAV	AA, CV, PG	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-WBRTF	PG	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	Water Clarity	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-WBRTF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the WBRTF segment. However, an older TMDL for Western Branch Patuxent River may still apply to this segment.	
MD-WBRTF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the WBRTF segment. However, an older TMDL for Western Branch Patuxent River may still apply to this segment.	
MD-WBRTF	PG	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the WBRTF segment. However, an older TMDL for Western Branch Patuxent River may still apply to this segment.	
MD-WBRTF	PG	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the WBRTF segment. However, an older TMDL for Western Branch Patuxent River may still apply to this segment.	

Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Reason For Removal / Notes	Cycle Delisted
MD-02131104	AA, HO, PG	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Patuxent River upper		Non-tidal 8-digit watershed	66%	Urban Runoff/Storm Sewers	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	PG	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2012
Patuxent River upper		Impoundments		Atmospheric Deposition - Toxics		
MD-02131104-lower	AA, HO, PG	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2012
Patuxent River upper		Non-tidal Segment(s)		Livestock (Grazing or Feeding Operations)	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-021311050955-Centennial_Lake	HO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2004
Little Patuxent River		Impoundments		Agriculture		
MD-02131105	AA, HO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Little Patuxent River		Non-tidal 8-digit watershed	84%	Urban Runoff/Storm Sewers	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-021311050955-Centennial_Lake	HO	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2004
Little Patuxent River		Impoundments		Agriculture		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021311070941-Rocky_Gorge_Reservoir	HO, MO, PG	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2009
Rocky Gorge Dam		Impoundments		Crop Production (Crop Land or Dry Land)	Name of listing changed from Duckett Reservoir to proper name as Rocky Gorge Reservoir.	
MD-021311080966-Triadelphia_Reservoir	MO, HO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2009
Brighton Dam		Impoundments		Crop Production (Crop Land or Dry Land)		
MD-021311080966-Triadelphia_Reservoir	MO, HO	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2009
Brighton Dam		Impoundments		Crop Production (Crop Land or Dry Land)		
MD-CB1TF	CE, HA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB1TF - Northern Chesapeake Bay Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CB1TF segment. However, an older TMDL may still apply to the Swan Creek portion of this segment.	
MD-CB1TF	CE, HA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB1TF - Northern Chesapeake Bay Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CB1TF segment. However, an older TMDL may still apply to the Swan Creek portion of this segment.	
MD-CB1TF	CE, HA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB1TF - Northern Chesapeake Bay Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CB1TF segment. However, an older TMDL may still apply to the Swan Creek portion of this segment.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CB1TF	CE, HA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB1TF - Northern Chesapeake Bay Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CB1TF segment. However, an older TMDL may still apply to the Swan Creek portion of this segment.	
MD-CB2OH	BA, CE, HA, KE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB2OH - Northern Chesapeake Bay Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CB1TF segment. However, older TMDLs may still apply to the Fairlee, Stillpond, and Worton Creek portions of this segment.	
MD-CB2OH	BA, CE, HA, KE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB2OH - Northern Chesapeake Bay Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CB1TF segment. However, older TMDLs may still apply to the Fairlee, Stillpond, and Worton Creek portions of this segment.	
MD-CB2OH	BA, CE, HA, KE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB2OH - Northern Chesapeake Bay Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CB1TF segment. However, older TMDLs may still apply to the Fairlee, Stillpond, and Worton Creek portions of this segment.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CB2OH	BA, CE, HA, KE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB2OH - Northern Chesapeake Bay Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CB1TF segment. However, older TMDLs may still apply to the Fairlee, Stillpond, and Worton Creek portions of this segment.	
MD-CB3MH	BA, AA, KE, QA	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH	BA, AA, KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH-SWSAV	BA, AA, KE, QA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV is not meeting the restoration goal and there is insufficient water clarity.	
MD-CB3MH	BA, AA, KE, QA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-CB3MH	BA, AA, KE, QA	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH	BA, AA, KE, QA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH	BA, AA, KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH	BA, AA, KE, QA	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH	BA, AA, KE, QA	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CB5MH-SWSAV	CV, SM, DO, SO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV is not meeting the restoration goal.	
MD-CB5MH	CV, SM, DO, SO	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CB5MH	CV, SM, DO, SO	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CB5MH	CV, SM, DO, SO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CB5MH	CV, SM, DO, SO	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CB5MH	CV, SM, DO, SO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-CB5MH	CV, SM, DO, SO	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-CB4MH-SWSAV	AA, CV, QA, TA, DO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing captures the previous Sediment/TSS listings for watersheds 02130511 and 02131005.	
MD-CB4MH	AA, CV, QA, TA, DO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the nitrogen portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	
MD-CB4MH	AA, CV, QA, TA, DO	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the nitrogen portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	
MD-CB4MH	AA, CV, QA, TA, DO	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the nitrogen portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	

Assessment Unit	*County*	*Designated Use*	*Cause*	*Indicator*	*Reason For Removal*	*Cycle Delisted*
Basin Name		*Water Type Detail*	*Percent Attributable Risk*	*Pollution Sources*	*Notes*	
MD-CB4MH	AA, CV, QA, TA, DO	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the phosphorus portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	
MD-CB4MH	AA, CV, QA, TA, DO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the phosphorus portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	
MD-CB4MH	AA, CV, QA, TA, DO	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the phosphorus portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	
MD-POTMH-OH-02140101	CH, SM	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2008
Potomac River Lower Tidal		Tidal subsegment		Upstream Source	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-Whites_Neck_Creek	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Potomac River Lower tidal		Tidal Shellfish Area		Manure Runoff		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-POTMH-Tall_Timbers_Cove	SM	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
Potomac River Lower tidal		Tidal Shellfish Area		Wastes from Pets	TMDL approved in 2005. Newest data shows that the shellfish bacteria standard is not being met.	
MD-POTMH	CH, SM	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.	
MD-POTMH	CH, SM	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.	
MD-POTMH	CH, SM	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.	
MD-POTMH	CH, SM	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.	

Assessment Unit	*County*	*Designated Use*	*Cause*	*Indicator*	*Reason For Removal*	*Cycle Delisted*
Basin Name		*Water Type Detail*	*Percent Attributable Risk*	*Pollution Sources*	*Notes*	
MD-POTMH	CH, SM	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.	
MD-POTMH	CH, SM	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.	
MD-POTMH	CH, SM	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.	
MD-POTMH-SWSAV	CH, SM	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	
MD-POTMH	CH, SM	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-POTOH-TF-02140102	CH	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2008
Potomac River Middle Tidal		Tidal subsegment		Upstream Source	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-POTOH1	CH	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POTOH1	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POTOH1	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POTOH1	CH	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POTTF	CH, MO, PG	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTTF - Upper Potomac River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-POTTF	CH, MO, PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTTF - Upper Potomac River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POTTF	CH, MO, PG	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTTF - Upper Potomac River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POTTF	CH, MO, PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTTF - Upper Potomac River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POTMH-LOCUST_GROVE_COVE	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Manure Runoff	Also known as St. Georges Creek.	
MD-021401030718-ST_MARYS_LAKE	SM	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
St. Mary's River		Impoundments		Atmospheric Deposition - Toxics		
MD-POTMH-ST.INIGOES_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-POTMH-CHERRY_COVE_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Wastes from Pets		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-POTMH-ST.PATRICKS_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-POTMH-St.Clements_Bay1	SM	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL approved in 2005. Newest 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-CHARLESTON_CREEK	CH	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-POTMH-Chaptico_Bay	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Wicomico River		Tidal Shellfish Area		Manure Runoff		
MD-POTOH2	CH	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the POTOH2 segment. However, an older TMDL for Port Tobacco may still apply to this segment.	
MD-POTOH2	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the POTOH2 segment. However, an older TMDL for Port Tobacco may still apply to this segment.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-POTOH2	CH	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the POTOH2 segment. However, an older TMDL for Port Tobacco may still apply to this segment.	
MD-POTOH2-SWSAV	CH	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity goal has not been met for this segment. This segment was split out from the previous TSS listing for POTOH.	
MD-POTOH2	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the POTOH2 segment. However, an older TMDL for Port Tobacco may still apply to this segment.	
MD-POTOH3-SWSAV	CH	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POTOH3 - Nanjemoy Creek		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity goal has not been met for this segment. This segment was split out from the previous TSS listing for POTOH.	
MD-POTOH3	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	*County*	*Designated Use*	*Cause*	*Indicator*	*Reason For Removal*	*Cycle Delisted*
Basin Name		*Water Type Detail*	*Percent Attributable Risk*	*Pollution Sources*	*Notes*	
MD-POTOH3	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POTOH3	CH	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-POTOH3	CH	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-MATTF	CH	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addressed the nutrient load allocations for the Mattawoman River. However, an older TMDL may still apply to this segment.	
MD-MATTF	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addressed the nutrient load allocations for the Mattawoman River. However, an older TMDL may still apply to this segment.	
MD-MATTF	CH	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh		Chesapeake Bay segment		Urban Runoff/Storm Sewers	The Chesapeake Bay TMDL addressed the nutrient load allocations for the Mattawoman River. However, an older TMDL may still apply to this segment.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-MATTF	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh		Chesapeake Bay segment		Urban Runoff/Storm Sewers	The Chesapeake Bay TMDL addressed the nutrient load allocations for the Mattawoman River. However, an older TMDL may still apply to this segment.	
MD-POTTF-02140201	PG, CH	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2008
Potomac River Upper tidal		Tidal subsegment		Upstream Source	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-02140202	FR, MO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2014
Potomac River Montgomery County		Non-tidal 8-digit watershed	85%	Crop Production (Crop Land or Dry Land)	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 biological impairment listing.	
MD-02140203	PG	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2008
Piscataway Creek		Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-PISTF	PG	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PISTF	PG	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-PISTF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PISTF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010.	
MD-PISTF	PG	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing supersedes the previous Sediment/TSS listing for watershed 02140203.	
MD-ANATF-02140205	PG	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2008
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Upstream Source	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	PG	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD.	
MD-02140205	MO, PG	Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2008
Anacostia River		Non-tidal 8-digit watershed		Wastes from Pets		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02140205-Mainstem2	MO, PG	Fishing	Polychlorinated biphenyls	Direct Measurement	TMDL approved	2012
Anacostia River		River Mainstem		Urban Runoff/Storm Sewers	The extent of this listing was changed in 2014 to reflect the mainstem (including Northeast and Northwest main Branches) of the Anacostia all the way down to head of tide. Fish tissue data also included in this assessment.	
MD-02140205	MO, PG	Water Contact Sports	Debris/Floatables/Trash	Direct Measurement	TMDL approved	2012
Anacostia River		Non-tidal 8-digit watershed		Inappropriate Waste Disposal		
MD-ANATF	PG	Water Contact Sports	Debris/Floatables/Trash	Direct Measurement	TMDL approved	2012
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Inappropriate Waste Disposal		
MD-02140205	MO, PG	Aquatic Life and Wildlife	Nitrogen (Total)	Direct Measurement	TMDL approved	2009
Anacostia River		Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		
MD-ANATF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD.	
MD-ANATF	PG	Open-Water Fish and Shellfish Subcategory	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-ANATF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD.	
MD-02140205	MO, PG	Aquatic Life and Wildlife	Phosphorus (Total)	Direct Measurement	TMDL approved	2009
Anacostia River		Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		
MD-02140205	MO, PG	Aquatic Life and Wildlife	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2009
Anacostia River		Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		
MD-ANATF	PG	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD.	
MD-ANATF	PG	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	Water Clarity	TMDL approved	2008
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Channel Erosion/Incision from Upstream Hydromodifications	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.	
MD-ANATF	PG	Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2008
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Wastes from Pets	Reestablished as separate listing from non tidal portion in 2004. TMDL approved on 9/19/06.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02140205	MO, PG	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008
Anacostia River		Non-tidal 8-digit watershed	73%	Urban Runoff/Storm Sewers	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-ANATF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD.	
MD-02140206	MO	Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2008
Rock Creek		Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		
MD-02140206	MO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Rock Creek		Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		
MD-02140206	MO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Rock Creek		Non-tidal 8-digit watershed	78%	Urban Runoff/Storm Sewers	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.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02140207	MO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2011
Cabin John Creek		Non-tidal 8-digit watershed	58%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
MD-02140207	MO	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2008
Cabin John Creek		Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-02140208	MO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2011
Seneca Creek		Non-tidal 8-digit watershed	16%	Urban Runoff/Storm Sewers	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-021402080857-Clopper_Lake	MO	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2002
Seneca Creek		Impoundments		Urban Runoff/Storm Sewers		
MD-021402080857-Clopper_Lake	MO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
Seneca Creek		Impoundments		Urban Runoff/Storm Sewers		
MD-02140302	CR, FR, MO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Lower Monocacy River		Non-tidal 8-digit watershed	71%	Agriculture	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.	

Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Pollution Sources	Reason For Removal Notes	Cycle Delisted
MD-02140302-LAKE_LINGANORE Lower Monocacy River	FR	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Municipal Point Source Discharges	TMDL approved	2004
MD-02140302-LAKE_LINGANORE Lower Monocacy River	FR	Aquatic Life and Wildlife Impoundments	Sedimentation/siltation	Unknown Agriculture	TMDL approved	2004
MD-02140302 Lower Monocacy River	CR, FR, MO	Water Contact Sports Non-tidal 8-digit watershed	Escherichia coli	Direct Measurement Livestock (Grazing or Feeding Operations)	TMDL approved	2009
MD-02140302 Lower Monocacy River	CR, FR, MO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total)	Dissolved Oxygen Crop Production (Crop Land or Dry Land)	TMDL approved	2014
MD-02140303 Upper Monocacy River	CR, FR	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS) 51%	Habitat Evaluation Agriculture	TMDL approved The Biostressor analysis indicates that excess sediments (TSS) are a major stressor affecting biological integrity in this watershed. The TMDL and listing for TSS addresses a portion of the biological impairment listing.	2010
MD-02140303 Upper Monocacy River	CR, FR	Water Contact Sports Non-tidal 8-digit watershed	Escherichia coli	Direct Measurement Manure Runoff	TMDL approved	2009
MD-02140303 Upper Monocacy River	CR, FR	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total) 39%	Dissolved Oxygen Crop Production (Crop Land or Dry Land)	TMDL approved 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.	2014

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02140304	CR, FR	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Double Pipe Creek		Non-tidal 8-digit watershed	78%	Agriculture	The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
MD-02140304	CR, FR	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Double Pipe Creek		Non-tidal 8-digit watershed		Wastes from Pets		
MD-02140304	CR, FR	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Double Pipe Creek		Non-tidal 8-digit watershed	75%	Agriculture	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-02140305	FR	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Catoctin Creek		Non-tidal 8-digit watershed	82%	Crop Production (Crop Land or Dry Land)	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	FR	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Catoctin Creek		Non-tidal 8-digit watershed		Crop Production (Crop Land or Dry Land)		
MD-02140501	WA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Potomac River Washington County		Non-tidal 8-digit watershed	73%	Agriculture	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.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02140502	WA	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Antietam Creek		Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		
MD-02140502	WA	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Antietam Creek		Non-tidal 8-digit watershed	20%	Crop Production (Crop Land or Dry Land)	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-02140502	WA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Antietam Creek		Non-tidal 8-digit watershed	45%	Crop Production (Crop Land or Dry Land)	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-02140504	WA	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Conococheague Creek		Non-tidal 8-digit watershed		Wastes from Pets		
MD-02140504	WA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Conococheague Creek		Non-tidal 8-digit watershed	84%	Agriculture	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-02141002	AL	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008
Evitts Creek		Non-tidal 8-digit watershed	37%	Agriculture	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.	

Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Pollution Sources	Reason For Removal Notes	Cycle Delisted
MD-021410020107-Lake_Habeeb Evitts Creek	AL	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Agriculture	TMDL approved	2000
MD-021410030099-UT2_JENNINGS_RUN Wills Creek	AL, GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved This segment flows downstream between Morantown and Slabtown.	2008
MD-021410030099-JENNINGS_RUN Wills Creek	AL, GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved These segments flow downstream and cross Sugar Row Road.	2008
MD-02141003 Wills Creek	AL, GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS) 31%	Habitat Evaluation Urban Runoff/Storm Sewers	TMDL approved 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.	2008
MD-021410030098-UT3_JENNINGS_RUN Wills Creek	AL, GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved Impairment is limited to the stream segment represented by station 60/UJN0005 (not whole 12-digit watershed). Segment crosses Beartrack Farm Road.	2008
MD-02141003 Wills Creek	AL, GA	Water Contact Sports Non-tidal 8-digit watershed	Escherichia coli	Direct Measurement Combined Sewer Overflows	TMDL approved	2008
MD-021410030099-UT1_JENNINGS_RUN Wills Creek	AL, GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved This segment flows downstream toward Mount Savage.	2008

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02141004	AL, GA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2006
Georges Creek		Non-tidal 8-digit watershed	37%	Urban Runoff/Storm Sewers	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-021410040089-Jackson_Run	AL	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek		Non-tidal Segment(s)	34%	Acid Mine Drainage	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	AL	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek		Non-tidal Segment(s)	34%	Acid Mine Drainage	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-021410040093-Winebrenner_Run	AL	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek		Non-tidal Segment(s)	34%	Acid Mine Drainage	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-02141004	AL, GA	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2008
Georges Creek		Non-tidal 8-digit watershed		Combined Sewer Overflows		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021410040088-UT_Georges_Creek	AL	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek		Non-tidal Segment(s)	34%	Acid Mine Drainage	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-021410040092-Staub_Run	AL, GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek		Non-tidal Segment(s)	34%	Atmospheric Deposition - Acidity	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-021410040088-UT_Moores_Run	AL	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek		Non-tidal Segment(s)	34%	Acid Mine Drainage	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-Mill_Run	AL, GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek		Non-tidal Segment(s)	34%	Acid Mine Drainage	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-021410050039-Laurel_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Subwatershed	32%	Acid Mine Drainage	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.	

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021410050048-Three_Forks_Run_part	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Subwatershed	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	Iron	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River		Subwatershed		Acid Mine Drainage		
MD-021410050048-Three_Forks_Run	GA	Aquatic Life and Wildlife	Aluminum	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River		Subwatershed		Acid Mine Drainage		
MD-02141005	AL, GA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021410050039-Laurel_Run	GA	Aquatic Life and Wildlife	Aluminum	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River		Subwatershed		Acid Mine Drainage		
MD-021410050050-Laurel_Run_north	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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-Short_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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-021410050039-Laurel_Run	GA	Aquatic Life and Wildlife	Iron	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River		Subwatershed		Acid Mine Drainage		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02141005-Mainstem_aboveJR_Lake	AL, GA	Aquatic Life and Wildlife	Iron	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River		Non-tidal Segment(s)		Acid Mine Drainage		
MD-021410050046-S_Prong_Lostland_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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-021410060075-UTAaron_Run1	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	Split out from a previous listing	2014
Savage River		Non-tidal Segment(s)		Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	Split out from a previous listing	2014
Savage River		Non-tidal Segment(s)		Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River		Non-tidal Segment(s)		Acid Mine Drainage		
MD-021410060081-Little_Savage_River	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River		Non-tidal Segment(s)		Atmospheric Deposition - Acidity		

Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Pollution Sources	Reason For Removal Notes	Cycle Delisted
MD-021410060078-Miller_Run Savage River	GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Atmospheric Deposition - Acidity	TMDL approved	2008
MD-021410060078-Big_Run Savage River	GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Atmospheric Deposition - Acidity	TMDL approved	2008
MD-021410060075-UT_Savage_River Savage River	GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved	2008
MD-021410060079-Poplar_Lick_Run Savage River	GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Atmospheric Deposition - Acidity	TMDL approved	2008
MD-021410060077-Savage_Reservoir Savage River	GA	Fishing Impoundments	Mercury in Fish Tissue	Direct Measurement Atmospheric Deposition - Toxics	TMDL approved	2004
MD-050202010019-UT_Glade_Run Youghiogheny River	GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low 32%	Direct Measurement Acid Mine Drainage	TMDL approved 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.	2008
MD-050202010010-Ned_Run Youghiogheny River	GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low 32%	Direct Measurement Acid Mine Drainage	TMDL approved 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.	2008

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-050202010014-White_Rock_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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-Trap_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-050202010010-Muddy_Creek	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-050202010002-Cherry_Creek	GA	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Youghiogheny River		Non-tidal Segment(s)		Livestock (Grazing or Feeding Operations)	listing is for upstream of station CHC0008	
MD-050202010008-Millers_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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-Cherry_Bottom_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-050202010014-White_Rock_Glade	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)	32%	Acid Mine Drainage	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-05020201	GA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2006
Youghiogheny River		Non-tidal 8-digit watershed	35%	Livestock (Grazing or Feeding Operations)	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-05020202	GA	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Little Youghiogheny River		Non-tidal 8-digit watershed		On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)		
MD-05020202	GA	Aquatic Life and Wildlife	BOD, nitrogenous	Direct Measurement	TMDL approved	2002
Little Youghiogheny River		Non-tidal 8-digit watershed		Municipal Point Source Discharges		
MD-05020202	GA	Aquatic Life and Wildlife	BOD, carbonaceous	Direct Measurement	TMDL approved	2002
Little Youghiogheny River		Non-tidal 8-digit watershed		Municipal Point Source Discharges		

Assessment Unit	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-05020202	GA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008
Little Youghiogheny River		Non-tidal 8-digit watershed		Agriculture		
MD-050202020026-Broadford_Lake	GA	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2000
Little Youghiogheny River		Impoundments		Agriculture		
MD-050202030029-Cherry_Creek	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2004
Deep Creek Lake		Subwatershed	45%	Acid Mine Drainage	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	GA	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Deep Creek Lake		Impoundments		Atmospheric Deposition - Toxics		
MD-050202040032-Alexander_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River		Non-tidal Segment(s)	62%	Acid Mine Drainage	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-050202040032-Tarkiln_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River		Non-tidal Segment(s)	62%	Acid Mine Drainage	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	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-050202040034-Spiker_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River		Non-tidal Segment(s)	62%	Acid Mine Drainage	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-050202040031-SouthBranch_Casselman_River1	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River		Non-tidal Segment(s)	62%	Acid Mine Drainage	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_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River		Non-tidal Segment(s)	62%	Acid Mine Drainage	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-050202040034-Little_Shade_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River		Non-tidal Segment(s)	62%	Acid Mine Drainage	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	County	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name		**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-050202040035-Meadow_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River		Non-tidal Segment(s)	62%	Acid Mine Drainage	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-050202040038-Big_Piney_Reservoir	GA	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Casselman River		Impoundments		Atmospheric Deposition - Toxics		
MD-050202040030-NorthBranch_Casselman_River	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River		Non-tidal Segment(s)	62%	Acid Mine Drainage	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.	