F.4 Category 4a Waters

Maryland's 2018 Final Integrated Report - Category 4a Waters

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130102-T-ASSAWOMAN_BAY		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Assawoman Bay	WO	Coastal Bay		Upstream Source	TMDLs for nitrogen and phosphorus approved in 2014.	
MD-02130102-T-GREYS_CREEK		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Assawoman Bay	WO	Coastal Bay		Upstream Source	TMDLs for nitrogen and phosphorus approved in 2014.	
MD-02130102-T-GREYS_CREEK		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Assawoman Bay	WO	Coastal Bay		Upstream Source	TMDLs for nitrogen and phosphorus approved in 2014.	
MD-02130102-T-ASSAWOMAN_BAY		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Assawoman Bay	WO	Coastal Bay		Upstream Source	TMDLs for nitrogen and phosphorus approved in 2014.	
MD-02130103-T-STMARTIN_RIVER		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	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-TURVILLE_CREEK		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	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	*Basin Code*	*Designated Use*	*Cause*	*Indicator*	*Reason For Removal*	*Cycle Delisted*
Basin Name	*County*	*Water Type Detail*	*Percent Attributable Risk*	*Pollution Sources*	*Notes*	
MD-02130103-T-HERRING_CREEK		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	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-ISLE_OF_WIGHT_BAY		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	Coastal Bay		Agriculture	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-02130103-T-ISLE_OF_WIGHT_BAY		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	Coastal Bay		Urban Runoff/Storm Sewers	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-02130103-T-SHINGLE_LANDING_PRONG		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	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		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	Coastal Bay		Urban Runoff/Storm Sewers	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-02130103-T-SHINGLE_LANDING_PRONG		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	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	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130103-T-STMARTIN_RIVER		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	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		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	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		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	Coastal Bay		Agriculture	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-02130103-T-HERRING_CREEK		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	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		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	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		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Isle of Wight Bay	WO	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.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130104-T		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Sinepuxent Bay	WO	Coastal Bay		Urban Runoff/Storm Sewers	TMDLs for nitrogen and phosphorus approved in 2014.	
MD-02130104-T		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Sinepuxent Bay	WO	Coastal Bay		Urban Runoff/Storm Sewers	TMDLs for nitrogen and phosphorus approved in 2014.	
MD-02130105-T-NEWPORT_CREEK		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Newport Bay	WO	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		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Newport Bay	WO	Coastal Bay		Agriculture	Data collected to support TMDL development in the Newport Bay watershed led to the identification of phosphorus as a significant pollutant in the mainstem portion of Newport Bay.	
MD-02130105-T-MARSHALL_CREEK		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Newport Bay	WO	Coastal Bay		Agriculture	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-02130105-T-AyerCreek_and_KittsBranch		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Newport Bay	WO	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. The Ayer Creek and Kitts Branch assessment records were consolidated into one record in the 2016 IR.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130105-T-NEWPORT_BAY		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Newport Bay	WO	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-AyerCreek_and_KittsBranch		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Newport Bay	WO	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. The Ayer Creek and Kitts Branch assessment records were consolidated into one record in the 2016 IR.	
MD-02130105-T-NEWPORT_CREEK		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Newport Bay	WO	Coastal Bay		Agriculture	Data collected to support TMDL development in the Newport Bay watershed led to the identification of phosphorus as a significant pollutant in Newport Creek.	
MD-02130105-T-MARSHALL_CREEK		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Newport Bay	WO	Coastal Bay		Agriculture	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-021301060672-Big_Mill_Pond		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2002
Chincoteague Bay	WO	Impoundments		Agriculture		
MD-021301060672-Big_Mill_Pond		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2002
Chincoteague Bay	WO	Impoundments		Agriculture		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130106-T		Aquatic Life and Wildlife	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2014
Chincoteague Bay	WO	Coastal Bay		Upstream Source	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-02130106-T		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Chincoteague Bay	WO	Coastal Bay		Upstream Source	TMDLs for nitrogen and phosphorus were approved in 2014.	
MD-POCMH-OH-02130201		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2010
Pocomoke Sound	SO	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		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Water Clarity	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline	WO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POCOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline	WO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POCOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline	WO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-POCOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline	WO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POCOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline	WO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POCMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POCMH - Lower Pocomoke River Mesohaline	SO	Chesapeake Bay segment		Source Unknown	The combined assessment of SAV acreage and water clarity does not meet standards. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POCOH-02130202-Pocomoke		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2010
Lower Pocomoke River	SO	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-POCTF		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh	WO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POCTF		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Water Clarity	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh	WO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-POCTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh	WO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POCTF		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh	WO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POCTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh	WO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-02130203		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Upper Pocomoke River	WI, WO	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-021302030648-Adkins_Pond		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2002
Upper Pocomoke River	WI	Impoundments		Agriculture		
MD-021302030648-Adkins_Pond		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2002
Upper Pocomoke River	WI	Impoundments		Agriculture		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-02130203		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2014
Upper Pocomoke River	WI, WO	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		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2009
Dividing Creek	WI, WO, SO	Non-tidal Segment(s)		Wastes from Pets		
MD-TANMH-LAWS_UPPER-THOROFARE		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
TANMH - Tangier Sound Mesohaline	SO	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL approved in 2006. Recent data shows this area failing to meet the shellfish bacteria standard.	
MD-TANMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
TANMH - Tangier Sound Mesohaline	DO, SO	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-TANMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
TANMH - Tangier Sound Mesohaline	DO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-TANMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
TANMH - Tangier Sound Mesohaline	DO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-BIGMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
BIGMH - Big Annemessex River Mesohaline	SO	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MANMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
MANMH - Manokin River Mesohaline	SO	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MANMH-MANOKIN_RIVER		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MANMH - Manokin River Mesohaline	SO	Tidal Shellfish Area		Manure Runoff		
MD-MANMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
MANMH - Manokin River Mesohaline	SO	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. Older TMDLs (2001) for nitrogen and BOD also still apply to this segment.	
MD-MANMH		Aquatic Life and Wildlife	Biochemical Oxygen Demand (BOD)	Direct Measurement	TMDL approved	2002
MANMH - Manokin River Mesohaline	SO	Chesapeake Bay segment		Agriculture	This assessment record remains from an older TMDL approved in 2001.	
MD-MANMH-ST.PETERS_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MANMH - Manokin River Mesohaline	SO	Tidal Shellfish Area		Manure Runoff		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-MANMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
MANMH - Manokin River Mesohaline	SO	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MANMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
MANMH - Manokin River Mesohaline	SO	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MANMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
MANMH - Manokin River Mesohaline	SO	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. Older TMDLs (2001) for nitrogen and BOD also still apply to this segment.	
MD-WICMH-Wicomico_River		Shellfishing	Fecal Coliform	Direct Measurement	Split out from a previous listing	2018
WICMH - Wicomico River Mesohaline	WI, SO	Tidal Shellfish Area		On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)	WICHMH-Wicomico_River-4 (Station 1406004) was split out from this listing (MD-WICMH-Wicomico_River) in the 2018 IR since it now supports the shellfish harvesting bacteria standard.	
MD-021303010558-Tony_Tank_Lake		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2000
Lower Wicomico River	WI	Impoundments		Urban Runoff/Storm Sewers		
MD-WICMH-02130301		Aquatic Life and Wildlife	Biochemical Oxygen Demand (BOD)	Direct Measurement	TMDL approved	2002
WICMH - Wicomico River Mesohaline	WI, SO	Chesapeake Bay segment		Urban Runoff/Storm Sewers	This assessment record remains due to a TMDL approved in 2001.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021303010558-Tony_Tank_Lake		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2000
Lower Wicomico River	WI	Impoundments		Agriculture		
MD-WICMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
WICMH - Wicomico River Mesohaline	WI, SO	Chesapeake Bay segment		Urban Runoff/Storm Sewers	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire WICMH segment. Older TMDLs also still apply to the Wicomico Creek (2001) and Lower Wicomico River (2001) portions of this segment.	
MD-WICMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
WICMH - Wicomico River Mesohaline	WI, SO	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire WICMH segment. Older TMDLs also still apply to the Wicomico Creek (2001) and Lower Wicomico River (2001) portions of this segment.	
MD-WICMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
WICMH - Wicomico River Mesohaline	WI, SO	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire WICMH segment. Older TMDLs also still apply to the Wicomico Creek (2001) and Lower Wicomico River (2001) portions of this segment.	
MD-WICMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
WICMH - Wicomico River Mesohaline	WI, SO	Chesapeake Bay segment		Urban Runoff/Storm Sewers	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire WICMH segment. Older TMDLs also still apply to the Wicomico Creek (2001) and Lower Wicomico River (2001) portions of this segment.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-WICMH-02130302-1		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2012
WICMH - Wicomico River Mesohaline	SO	Tidal Shellfish Area		On-site Treatment Systems (Septic Systems and Similar Decentralized 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-Multiple_segments_1		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2008
Wicomico River Headwaters	WI	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-02130304		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2002
Wicomico River Headwaters	WI	Non-tidal 8-digit watershed		Agriculture	TMDL includes Johnson Pond	
MD-02130304-Johnsons_Pond		Aquatic Life and Wildlife	Sedimentation/siltation	Direct Measurement	TMDL approved	2002
Wicomico River Headwaters	WI	Impoundments		Agriculture	TMDL includes all of Wicomico River watershed	
MD-02130304-Johnsons_Pond		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2002
Wicomico River Headwaters	WI	Impoundments		Agriculture	TMDL includes all of Wicomico River watershed	
MD-02130304		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2002
Wicomico River Headwaters	WI	Non-tidal 8-digit watershed		Agriculture	TMDL includes Johnson Pond	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-NANMH-Nanticoke_River-1		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
NANMH - Lower Nanticoke River Mesohaline	DO, WI	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	This shellfish harvesting area was split in the 2016 IR because two stations (1405144A and 1405144B) are now meeting the shellfish harvesting criteria. This listing record still captures the remaining impaired portion of the Nanticoke River.	
MD-NANTF		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
NANTF - Upper Nanticoke River Tidal Fresh	DO, WI	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-NANTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
NANTF - Upper Nanticoke River Tidal Fresh	DO, WI	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-NANTF		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
NANTF - Upper Nanticoke River Tidal Fresh	DO, WI	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-NANTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
NANTF - Upper Nanticoke River Tidal Fresh	DO, WI	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-NANOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
NANOH - Middle Nanticoke River Oligohaline	DO, WI	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire NANOH segment. An older TMDL (2001) also still applies to the Marshyhope Creek portion of this segment.	
MD-NANOH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
NANOH - Middle Nanticoke River Oligohaline	DO, WI	Chesapeake Bay segment		Source Unknown	The combined assessment of SAV acreage and water clarity does not meet standards. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-NANOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
NANOH - Middle Nanticoke River Oligohaline	DO, WI	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire NANOH segment. An older TMDL (2001) also still applies to the Marshyhope Creek portion of this segment.	
MD-NANOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
NANOH - Middle Nanticoke River Oligohaline	DO, WI	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire NANOH segment. An older TMDL (2001) also still applies to the Marshyhope Creek portion of this segment.	
MD-NANOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
NANOH - Middle Nanticoke River Oligohaline	DO, WI	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire NANOH segment. An older TMDL (2001) also still applies to the Marshyhope Creek portion of this segment.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-HNGMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
HNGMH - Honga River Mesohaline	DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-HNGMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
HNGMH - Honga River Mesohaline	DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-HNGMH-Back_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Honga River	DO	Tidal Shellfish Area		Wastes from Pets		
MD-LCHMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
LCHMH - Little Choptank River Mesohaline	DO	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-LCHMH-Church_Creek		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
Little Choptank River	DO	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		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
LCHMH - Little Choptank River Mesohaline	DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	*Basin Code*	*Designated Use*	*Cause*	*Indicator*	*Reason For Removal*	*Cycle Delisted*
Basin Name	*County*	*Water Type Detail*	*Percent Attributable Risk*	*Pollution Sources*	*Notes*	
MD-LCHMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
LCHMH - Little Choptank River Mesohaline	DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOMH1-TOWN_CREEK		Aquatic Life and Wildlife	Biochemical Oxygen Demand (BOD)	Direct Measurement	TMDL approved	2004
CHOMH1 - Choptank River Mesohaline mouth 1	TA	Tidal subsegment		Agriculture	This assessment records remains due to a TMDL approved in 2003.	
MD-CHOMH2-Goose_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River	DO	Tidal Shellfish Area		Manure Runoff		
MD-CHOMH2-Whitehall_Creek		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2016
Lower Choptank River	DO	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL completed in 2006.	
MD-CHOMH1-Northeast_Branch		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River	TA	Tidal Shellfish Area		Manure Runoff		
MD-CHOMH1-San_Domingo_Creek_NE_Branch		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Lower Choptank River	TA	Tidal Shellfish Area		Manure Runoff	A separate TMDL was done for the northwest and northeast branch of San Domingo.	
MD-CHOMH2-Warwick_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River	DO	Tidal Shellfish Area		Manure Runoff		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHOMH1-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1	TA, DO	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOMH2-Indian_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River	DO	Tidal Shellfish Area		Manure Runoff		
MD-CHOMH1-Tred_Avon_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River	TA	Tidal Shellfish Area		Manure Runoff		
MD-021304030463-La_Trappe_Creek_Pond		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2004
Lower Choptank River	TA	Impoundments		Municipal Point Source Discharges		
MD-02130403-UTLTC		Aquatic Life and Wildlife	Biochemical Oxygen Demand (BOD), nitrogenous	Direct Measurement	TMDL approved	2004
Lower Choptank River	TA	Non-tidal Segment(s)		Municipal Point Source Discharges	TMDL developed for the unnamed trib to La Trappe Creek.	
MD-CHOMH2-LOWER_CHOPTANK_RIVER_MAINSTEM		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Lower Choptank River	TA, DO	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	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-02130403-UTLTC		Aquatic Life and Wildlife	Biochemical Oxygen Demand (BOD), carbonaceous	Direct Measurement	TMDL approved	2004
Lower Choptank River	TA	Non-tidal Segment(s)		Municipal Point Source Discharges	TMDL developed for the unnamed trib to La Trappe Creek.	
MD-CHOMH1-Tar_Creek-2		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2016
Lower Choptank River	TA	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL was previously completed for this area. Newer data shows this smaller portion of Tar Creek as failing to meet the shellfish harvesting criteria.	
MD-CHOMH2		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHOMH2 - Lower Choptank River Mesohaline 2	TA, DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOMH2		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHOMH2 - Lower Choptank River Mesohaline 2	TA, DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOMH2		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHOMH2 - Lower Choptank River Mesohaline 2	TA, DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOMH1		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1	TA, DO	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHOMH1 segment. An older TMDL (2003) also still applies to the Town Creek portion of this segment.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHOMH1		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1	TA, DO	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHOMH1 segment. An older TMDL (2003) also still applies to the Town Creek portion of this segment.	
MD-CHOMH1		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1	TA, DO	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHOMH1 segment. An older TMDL (2003) also still applies to the Town Creek portion of this segment.	
MD-CHOMH2		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHOMH2 - Lower Choptank River Mesohaline 2	TA, DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOMH2-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHOMH2 - Lower Choptank River Mesohaline 2	TA, DO	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOMH2-Lower_Choptank_River_Mainstem-2		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2018
CHOMH2 - Lower Choptank River Mesohaline 2	TA, DO	Tidal Shellfish Area		Source Unknown	This is a new listing that adds an additional chunk of impaired water onto the original shellfish listing for the mainstem Choptank. In 2018 it was determined that this area was covered under the previous Mainstem TMDL	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHOMH1		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1	TA, DO	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHOMH1 segment. An older TMDL (2003) also still applies to the Town Creek portion of this segment.	
MD-CHOOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHOOH - Choptank River Oligohaline	TA, DO, CA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHOOH - Choptank River Oligohaline	TA, DO, CA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHOOH - Choptank River Oligohaline	TA, DO, CA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOOH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHOOH - Choptank River Oligohaline	TA, DO, CA	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHOOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHOOH - Choptank River Oligohaline	TA, DO, CA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOTF		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh	TA, QA, CA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh	TA, QA, CA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOTF		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh	TA, QA, CA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh	TA, QA, CA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CHOTF		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Water Clarity	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh	TA, QA, CA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130405-Tuckahoe_Lake		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Tuckahoe Creek	QA, CA	Impoundments		Atmospheric Deposition - Toxics		
MD-EASMH-Little_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Eastern Bay	QA	Tidal Shellfish Area		Manure Runoff		
MD-EASMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-EASMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-EASMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-EASMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-EASMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-EASMH		Seasonal Deep-Channel Refuge Use	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-EASMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-EASMH		Seasonal Deep-Channel Refuge Use	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-EASMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-EASMH-Leeds_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Miles River	TA	Tidal Shellfish Area		Wastes from Pets		
MD-EASMH-Miles_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Miles River	TA	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_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Wye River	QA, TA	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-EASMH-WYE_RIVER-2		Shellfishing	Fecal Coliform	Direct Measurement	Split out from a previous listing	2018
Wye River	QA, TA	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	This shellfish harvesting area was split in the 2018 IR because three stations (0802014, 0802019, and 0802023) are now meeting the shellfish harvesting criteria. This listing record still captures the remaining impaired portion of the Wye River.	
MD-EASMH-Wells_Cove		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2014
Kent Narrows - Prospect Bay	QA	Tidal Shellfish Area		Wastes from Pets	TMDL approved in 2006. Recent data shows that bacteria water quality standards are being exceeded.	
MD-CHSOH-Lower_Chester_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
Lower Chester River	KE, QA	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.	
MD-CHSMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline	KE, QA	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.	
MD-CHSMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline	KE, QA	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHSMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline	KE, QA	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.	
MD-CHSMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline	KE, QA	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.	
MD-CHSMH		Seasonal Deep-Channel Refuge Use	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline	KE, QA	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.	
MD-CHSMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline	KE, QA	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.	
MD-CHSMH		Seasonal Deep-Channel Refuge Use	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline	KE, QA	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-CHSMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline	KE, QA	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.	
MD-CHSMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline	KE, QA	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSMH segment. An older TMDL (2000) also still applies to the Corsica River portion of this segment.	
MD-CHSOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHSOH - Middle Chester River Oligohaline	KE, QA	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSOH segment. Older TMDLs also still apply to the Southeast Creek (2003), Middle Chester (2006), and Upper Chester River (2006) portions of this segment.	
MD-CHSOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHSOH - Middle Chester River Oligohaline	KE, QA	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSOH segment. Older TMDLs also still apply to the Southeast Creek (2003), Middle Chester (2006), and Upper Chester River (2006) portions of this segment.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CHSOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHSOH - Middle Chester River Oligohaline	KE, QA	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSOH segment. Older TMDLs also still apply to the Southeast Creek (2003), Middle Chester (2006), and Upper Chester River (2006) portions of this segment.	
MD-CHSOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHSOH - Middle Chester River Oligohaline	KE, QA	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CHSOH segment. Older TMDLs also still apply to the Southeast Creek (2003), Middle Chester (2006), and Upper Chester River (2006) portions of this segment.	
MD-CHSMH-02130507		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2012
Corsica River	KE, QA	Tidal subsegment		Upstream/Downstream Source	This listing only applies to the Corsica River (02130507) portion of CHSMH.	
MD-CHSMH-Corsica_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Corsica River	QA	Tidal Shellfish Area		Manure Runoff		
MD-CHSOH-Southeast_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
Southeast Creek	KE, QA	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.	
MD-CHSOH-Middle_Chester_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
Middle Chester River	KE, QA	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	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021305090415-Urieville_Lake		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2000
Middle Chester River	KE	Impoundments		Agriculture		
MD-021305090415-Urieville_Lake		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2000
Middle Chester River	KE	Impoundments		Agriculture		
MD-CHSTF		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHSTF - Upper Chester River Tidal Fresh	KE, QA	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2006) also still applies.	
MD-CHSTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHSTF - Upper Chester River Tidal Fresh	KE, QA	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2006) also still applies.	
MD-CHSTF		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CHSTF - Upper Chester River Tidal Fresh	KE, QA	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2006) also still applies.	
MD-02130510-Millington_Wildlife_Ponds		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2012
Upper Chester River	KE	Impoundments		Atmospheric Deposition - Toxics		
MD-CHSTF-Duck_Neck_Beach		Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2012
Upper Chester River	QA	No longer a recognized Beach		Wildlife Other than Waterfowl	No longer designated as a beach by QA County. QA County will no longer be monitoring this site.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-CHSTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CHSTF - Upper Chester River Tidal Fresh	KE, QA	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2006) also still applies.	
MD-ELKOH		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2014
ELKOH - Elk River Oligohaline	CE	Chesapeake Bay segment		Non-point Source	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.	
MD-ELKOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
ELKOH - Elk River Oligohaline	CE	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-ELKOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
ELKOH - Elk River Oligohaline	CE	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-ELKOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
ELKOH - Elk River Oligohaline	CE	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-ELKOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
ELKOH - Elk River Oligohaline	CE	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-BOHOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline	CE	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2001) also still applies.	
MD-BOHOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline	CE	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2001) also still applies.	
MD-BOHOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline	CE	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2001) also still applies.	
MD-BOHOH		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2012
BOHOH - Bohemia River Oligohaline	CE	Chesapeake Bay segment		Upstream/Downstream Source		
MD-BOHOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline	CE	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2001) also still applies.	
MD-C&DOH		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2014
C&DOH - C&D Canal Oligohaline	CE	Chesapeake Bay segment		Non-point Source		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-C&DOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
C&DOH - C&D Canal Oligohaline	CE	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-C&DOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
C&DOH - C&D Canal Oligohaline	CE	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-C&DOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
C&DOH - C&D Canal Oligohaline	CE	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-C&DOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
C&DOH - C&D Canal Oligohaline	CE	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-NORTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
NORTF - North East River Tidal Fresh	CE	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.	
MD-NORTF		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2012
NORTF - North East River Tidal Fresh	CE	Chesapeake Bay segment		Upstream/Downstream Source	This listing only applies to watershed 02130608.	

Assessment Unit	*Basin Code*	*Designated Use*	*Cause*	*Indicator*	*Reason For Removal*	*Cycle Delisted*
Basin Name	*County*	*Water Type Detail*	*Percent Attributable Risk*	*Pollution Sources*	*Notes*	
MD-NORTF		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
NORTF - North East River Tidal Fresh	CE	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.	
MD-NORTF		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
NORTF - North East River Tidal Fresh	CE	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.	
MD-NORTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
NORTF - North East River Tidal Fresh	CE	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.	
MD-SASOH		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2012
SASOH - Sassafras River Oligohaline	CE, KE	Chesapeake Bay segment		Contaminated Sediments		
MD-SASOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline	CE, KE	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2002) also still applies.	
MD-SASOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline	CE, KE	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2002) also still applies.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-SASOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline	CE, KE	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-SASOH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
SASOH - Sassafras River Oligohaline	CE, KE	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-SASOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline	CE, KE	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-BSHOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline	HA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-BSHOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline	HA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-BSHOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline	HA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-BSHOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline	HA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-02130704		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2011
Bynum Run	HA	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-02130801		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2016
Gunpowder River	HA, BA	Tidal subsegment		Contribution from Downstream Waters due to Tidal Action	This listing only applies to the Gunpowder River portion of GUNOH. TMDL approved in 2016. Note: Seneca Creek is not included as part of this listing since it is not hydrologically connected to the Gunpowder.	
MD-GUNOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline	HA, BA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-GUNOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline	HA, BA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-GUNOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline	HA, BA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	*Basin Code*	*Designated Use*	*Cause*	*Indicator*	*Reason For Removal*	*Cycle Delisted*
Basin Name	*County*	*Water Type Detail*	*Percent Attributable Risk*	*Pollution Sources*	*Notes*	
MD-GUNOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline	HA, BA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-GUNOH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline	HA, BA	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MIDOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline	BA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MIDOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline	BA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MIDOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline	BA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MIDOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline	BA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130802		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2018
Lower Gunpowder Falls	BA	1st thru 4th order streams	61%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing. TMDL has been approved for sediments.	
MD-GUNOH-02130803		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2016
Bird River	BA	Tidal subsegment		Contribution from Downstream Waters due to Tidal Action	This listing only applies Bird River (02130803). TMDL approved in 2016.	
MD-02130805-Multiple_segments		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2009
Loch Raven Reservoir	BA, CR	Subwatershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-02130805-Loch_Raven_Reservoir		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2008
Loch Raven Reservoir	BA, CR	Impoundments		Agriculture		
MD-02130805-Loch_Raven_Reservoir		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2008
Loch Raven Reservoir	BA, CR	Impoundments		Urban Runoff/Storm Sewers		
MD-02130805-Loch_Raven_Reservoir		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2006
Loch Raven Reservoir	BA, CR	Impoundments		Atmospheric Deposition - Toxics	Recent fish tissue data shows levels of mercury below the criteria. However, additional data is needed to confirm this improvement and thus justify a delisting.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-02130806		Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2009
Prettyboy Reservoir	BA, CR	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		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2006
Prettyboy Reservoir	BA	Impoundments		Atmospheric Deposition - Toxics	Recent fish tissue data shows levels of mercury below the criteria. However, additional data is needed to confirm this improvement and thus justify a delisting.	
MD-021308060313-Prettyboy_Reservoir		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2008
Prettyboy Reservoir	BA	Impoundments		Agriculture		
MD-BACOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline	BA	Chesapeake Bay segment		Municipal Point Source Discharges	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.	
MD-BACOH		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
BACOH - Back River Oligohaline	BA	Chesapeake Bay segment		Source Unknown	The combined assessment of SAV acreage and water clarity does not meet standards. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-BACOH		Fishing	Chlordane	Direct Measurement	TMDL approved	2002
BACOH - Back River Oligohaline	BA	Chesapeake Bay segment		Contaminated Sediments	Recently collected data on Brown Bullheads and white perch shows chlordane levels below the fish tissue threshold. However, the department prefers to collect data on catfish prior to delisting this segment for chlordane.	
MD-02130901		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2018
Back River	BA, BC	1st thru 4th order streams	85%	Urban Runoff/Storm Sewers	TMDL applies only to non-tidal 1st-4th order streams within the MD 8-digit Back River wastershed (MD-02130901).	
MD-BACOH		Aquatic Life and Wildlife	Polychlorinated biphenyls (PCBs)	Direct Measurement	TMDL approved	2014
BACOH - Back River Oligohaline	BA	Chesapeake Bay segment		Contaminated Sediments		
MD-BACOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline	BA	Chesapeake Bay segment		Municipal Point Source Discharges	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.	
MD-BACOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline	BA	Chesapeake Bay segment		Municipal Point Source Discharges	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.	
MD-02130901-HERRING_RUN		Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Back River	BA, BC	River Mainstem		Sanitary Sewer Overflows (Collection System Failures)	applies to basin numbers 021309011040, 021309011041, 021309011042	

Assessment Unit	*Basin Code*	*Designated Use*	*Cause*	*Indicator*	*Reason For Removal*	*Cycle Delisted*
Basin Name	*County*	*Water Type Detail*	*Percent Attributable Risk*	*Pollution Sources*	*Notes*	
MD-BACOH		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2014
BACOH - Back River Oligohaline	BA	Chesapeake Bay segment		Contaminated Sediments		
MD-BACOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline	BA	Chesapeake Bay segment		Municipal Point Source Discharges	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.	
MD-PATMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PATMH - Patapsco River Mesohaline	AA, BA, BC	SAV Grow Zone		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PATMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline	AA, BA, BC	Non-navigation Channel Areas		Municipal Point Source Discharges	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.	
MD-PATMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline	AA, BA, BC	Non-navigation Channel Areas		Municipal Point Source Discharges	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.	
MD-PATMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline	AA, BA, BC	Non-navigation Channel Areas		Municipal Point Source Discharges	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-PATMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline	AA, BA, BC	Non-navigation Channel Areas		Municipal Point Source Discharges	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.	
MD-PATMH-CURTIS_BAY_CREEK		Aquatic Life and Wildlife	Polychlorinated biphenyls (PCBs)	Direct Measurement	TMDL approved	2014
PATMH - Patapsco River Mesohaline	AA, BC	Tidal subsegment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	This PCB listing was due to sediment data and fish tissue.	
MD-PATMH-Middle-NorthwestHarbor-littoral		Water Contact Sports	Trash	Direct Measurement	TMDL approved	2016
PATMH - Patapsco River Mesohaline	AA, BA, BC	Tidal subsegment		Illegal Dumps or Other Inappropriate Waste Disposal	Listing only applies to the littoral zone of the Middle Branch (Ferry Bar Park around to Harbor Hospital Center) and the littoral zone of the Northwest Harbor (from Hull Street Pier to Canton Waterfront Park).	
MD-PATMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline	AA, BA, BC	Non-navigation Channel Areas		Municipal Point Source Discharges	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.	
MD-PATMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline	AA, BA, BC	Non-navigation Channel Areas		Municipal Point Source Discharges	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2007) also still applies.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-PATMH-02130903		Fishing	Chlordane	Direct Measurement	TMDL approved	2002
Baltimore Harbor Watershed	AA, BA, BC	Chesapeake Bay segment		Contaminated Sediments	This listing only applies to the Baltimore Harbor (02130903) portion of PATMH. Recently collected data on chlordane levels in fish tissue generally show levels to be below the fish tissue threshold. However more data is needed to confirm delisting.	
MD-PATMH-02130903-Mainstem		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2014
Baltimore Harbor Watershed	AA, BA, BC	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		Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2012
PATMH - Patapsco River Mesohaline	AA	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		Seasonal Deep-Channel Refuge Use	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline	AA, BA, BC	Navigation Channel		Source Unknown	This specific waterbody-pollutant-designated use combination was addressed by a TMDL established on 12/29/2010.	
MD-PATMH		Seasonal Deep-Channel Refuge Use	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline	AA, BA, BC	Navigation Channel		Source Unknown	This specific waterbody-pollutant-designated use combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-PATMH-Bear_Creek		Aquatic Life and Wildlife	Polychlorinated biphenyls (PCBs)	Direct Measurement	TMDL approved	2014
PATMH - Patapsco River Mesohaline	BA	Tidal subsegment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	This PCB listing was due to sediment data and fish tissue.	
MD-PATMH-MARLEY_CREEK		Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2012
PATMH - Patapsco River Mesohaline	AA	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-02130904		Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Jones Falls	BA, BC	Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)	Cause/Pollutant was changed from generic (Fecal Bacteria) back to the original Fecal Coliform to align with EPA parameter names.	
MD-02130904		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Jones Falls	BA, BC	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-Lake_Roland		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2014
Jones Falls	BA	Impoundments		Upstream Source		
MD-02130905		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2010
Gwynns Falls	BA, BC	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.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-02130905		Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Gwynns Falls	BA, BC	Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)	Cause/Pollutant was changed from generic (Fecal Bacteria) back to the original Fecal Coliform to align with EPA parameter names.	
MD-02130906		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Patapsco River Lower North Branch	AA, BA, BC, HO, CR	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.	
MD-02130906-Multiple_segments_upper		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2009
Patapsco River Lower North Branch	AA, BA, BC, HO, CR	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		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2009
Patapsco River Lower North Branch	AA, BA, BC, HO, CR	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-Multiple_segments		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2009
Liberty Reservoir	BA, CR	Non-tidal Segment(s)		Livestock (Grazing or Feeding Operations)		
MD-02130907-Liberty_Reservoir		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Liberty Reservoir	BA, CR	Impoundments		Crop Production (Crop Land or Dry Land)	TMDL completed.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02130907-Liberty_Reservoir		Aquatic Life and Wildlife	Sedimentation/siltation	Direct Measurement	TMDL approved	2014
Liberty Reservoir	BA, CR	Impoundments		Crop Production (Crop Land or Dry Land)	TMDL completed.	
MD-MAGMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MAGMH		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2016
MAGMH - Magothy River Mesohaline	AA	Chesapeake Bay segment		Contaminated Sediments		
MD-MAGMH-Magothy_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MAGMH - Magothy River Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets		
MD-MAGMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MAGMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MAGMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-MAGMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MAGMH-Tar_Cove		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
MAGMH - Magothy River Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets	TMDL approved in 2006. Recent data continue to show the shellfish criteria being exceeded.	
MD-MAGMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-MAGMH-Forked_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MAGMH - Magothy River Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets		
MD-MAGMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
MAGMH - Magothy River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB4MH-Whitehall_Meredith_Creeks		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
CB4MH - Middle Chesapeake Bay Mesohaline	AA	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.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-SEVMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-SEVMH-Severn_River-2		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
SEVMH - Severn River Mesohaline	AA	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-CB4MH-Mill_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
CB4MH - Middle Chesapeake Bay Mesohaline	AA	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		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-SEVMH		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2016
SEVMH - Severn River Mesohaline	AA	Chesapeake Bay segment		Contaminated Sediments	This listing only includes the Severn mainstem, not Whitehall or Mill Creek.	
MD-SEVMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-SEVMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
SEVMH - Severn River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-SEVMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-SEVMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-SEVMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-SOUMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-SOUMH-DUVALL_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-SOUMH-SELBY_BAY-1		Shellfishing	Fecal Coliform	Direct Measurement	Split out from a previous listing	2018
SOUMH - South River Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets	This area assessed by station 0306801 does not meet shellfish harvesting standards. MD-SOUMH-SELBY_BAY-2 was split from this listing since stations 036115 and 0306015 were currently meeting the shellfish harvesting bacteria critera.	
MD-SOUMH		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2016
SOUMH - South River Mesohaline	AA	Chesapeake Bay segment		Contaminated Sediments		
MD-SOUMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-SOUMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-02131003		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2018
South River	AA	1st thru 4th order streams	54%	Urban Runoff/Storm Sewers	TMDL applies only to non-tidal 1st-4th order streams within the MD 8-digit South River watershed.	
MD-SOUMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-SOUMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-SOUMH-RAMSEY_LAKE		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets		
MD-SOUMH-SOUTH_RIVER		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets		
MD-SOUMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
SOUMH - South River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-SOUMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-RHDMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
RHDMH - Rhode River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-RHDMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
RHDMH - Rhode River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-WSTMH-PARISH_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
WSTMH - West River Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets		
MD-WSTMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-WSTMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
WSTMH - West River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-WSTMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-RHDMH-Cadle_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
RHDMH - Rhode River Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-WSTMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-RHDMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
RHDMH - Rhode River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-WSTMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-RHDMH-Bear_Neck_Creek		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2016
RHDMH - Rhode River Mesohaline	AA	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	New data shows this area now exceeding the shellfish harvesting area criteria. A TMDL was previously completed in 2006.	
MD-WSTMH-WEST_RIVER		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
WSTMH - West River Mesohaline	AA	Tidal Shellfish Area		Manure Runoff		
MD-WST-RHDMH-02131004		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2016
West River	AA	Chesapeake Bay segment		Contaminated Sediments	This listing applies to all of the tidal portion of watershed 02131004.	
MD-RHDMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
RHDMH - Rhode River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-CB4MH-TracyRockhold_Creeks		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
CB4MH - Middle Chesapeake Bay Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets		
MD-02131005		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2018
Other West Chesapeake Bay	AA, CV	1st thru 4th order streams	72%	Anthropogenic Land Use Changes	TMDL applies only to non-tidal 1st-4th order streams within the MD 8-digit Other West Chesapeake watershed.	
MD-PAXOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline	PG, CV	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PAXOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline	PG, CV	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PAXMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline	CH, CV, PG, SM	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PAXMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline	CH, CV, PG, SM	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-PAXMH-ISLAND_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
PAXMH - Lower Patuxent River Mesohaline	CV	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL approved in 2004.	
MD-PAXMH		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2018
Lower Patuxent River	CH, CV, PG, SM	Chesapeake Bay segment		Atmospheric Deposition - Toxics	TMDL approved for this segment.	
MD-PAXMH-WASHINGTON_PERSIMMON_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline	SM	Tidal Shellfish Area		Manure Runoff		
MD-PAXOH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline	PG, CV	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-021311010873-Lake_Lariat		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Patuxent River lower	CV	Impoundments		Atmospheric Deposition - Toxics		
MD-PAXMH-CUCKOLD_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline	SO	Tidal Shellfish Area		Manure Runoff		
MD-PAXOH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline	PG, CV	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-PAXMH-SOLOMONS_ISLAND_HARBOR		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline	CV	Tidal Shellfish Area		Wastes from Pets		
MD-CB5MH-HARPER_PEARSON_CREEKS		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
CB5MH - Lower Chesapeake Bay Mesohaline	SM	Tidal Shellfish Area		Wastes from Pets	No longer monitored. Originally monitored to see if area was suitable for aquaculture. However, lease is not active and there is no harvestable resource. Area is in prohibited zone.	
MD-CB5MH-GOOSE_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
CB5MH - Lower Chesapeake Bay Mesohaline	SM	Tidal Shellfish Area		Wastes from Pets	No longer monitored. Originally monitored to see if area was suitable for aquaculture operations.	
MD-PAXMH-INDIAN_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
PAXMH - Lower Patuxent River Mesohaline	CH, SM	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	Indian Creek is currently violating the shellfish harvesting bacteria criteria.	
MD-PAXMH-TRENT_HALL_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline	SM	Tidal Shellfish Area		Manure Runoff		
MD-PAXMH-ST.THOMAS_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline	SM	Tidal Shellfish Area		Wastes from Pets		
MD-PAXOH		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2018
PAXOH - Lower Patuxent River Oligohaline	PG, CV	Chesapeake Bay segment		Non-point Source	TMDL approved for this segment.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-PAXMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline	CH, CV, PG, SM	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PAXOH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline	PG, CV	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PAXMH-TOWN_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline	SM	Tidal Shellfish Area		Wastes from Pets		
MD-PAXMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline	CH, CV, PG, SM	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PAXMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline	CH, CV, PG, SM	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PAXMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline	CH, CV, PG, SM	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-PAXMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline	CH, CV, PG, SM	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PAXMH-MILL_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
PAXMH - Lower Patuxent River Mesohaline	CH	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)		
MD-PAXTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh	AA, CV, PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PAXTF-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh	AA, CV, PG	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PAXTF		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh	AA, CV, PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PAXTF		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh	AA, CV, PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-PAXTF		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2018
PAXTF - Middle Patuxent River Tidal Fresh	AA, CV, PG	Chesapeake Bay segment		Non-point Source	TMDL approved for this segment.	
MD-PAXTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh	AA, CV, PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-WBRTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh	PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2000) also still applies.	
MD-WBRTF		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh	PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2000) also still applies.	
MD-WBRTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh	PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2000) also still applies.	
MD-WBRTF		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh	PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2000) also still applies.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-WBRTF		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	Water Clarity	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh	PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-WBRTF		Aquatic Life and Wildlife	Biochemical Oxygen Demand (BOD)	Direct Measurement	TMDL approved	2002
WBRTF - Western Branch Patuxent River Tidal Fresh	PG	Chesapeake Bay segment		Municipal Point Source Discharges	This assessment remains due to a TMDL approved in 2000.	
MD-02131104		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Patuxent River upper	AA, HO, PG	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		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2012
Patuxent River upper	PG	Impoundments		Atmospheric Deposition - Toxics		
MD-02131104-lower		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2012
Patuxent River upper	AA, HO, PG	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-02131105		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Little Patuxent River	AA, HO	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.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021311050955-Centennial_Lake		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2004
Little Patuxent River	HO	Impoundments		Agriculture		
MD-021311050955-Centennial_Lake		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2004
Little Patuxent River	HO	Impoundments		Agriculture		
MD-021311070941-Rocky_Gorge_Reservoir		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2009
Rocky Gorge Dam	HO, MO, PG	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		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2009
Brighton Dam	MO, HO	Impoundments		Crop Production (Crop Land or Dry Land)		
MD-021311080966-Triadelphia_Reservoir		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2009
Brighton Dam	MO, HO	Impoundments		Crop Production (Crop Land or Dry Land)		
MD-CB1TF		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB1TF - Northern Chesapeake Bay Tidal Fresh	CE, HA	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB1TF segment. An older TMDL (2002) also still applies to the Swan Creek portion of this segment.	
MD-CB1TF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB1TF - Northern Chesapeake Bay Tidal Fresh	CE, HA	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB1TF segment. An older TMDL (2002) also still applies to the Swan Creek portion of this segment.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-CB1TF		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB1TF - Northern Chesapeake Bay Tidal Fresh	CE, HA	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB1TF segment. An older TMDL (2002) also still applies to the Swan Creek portion of this segment.	
MD-CB1TF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB1TF - Northern Chesapeake Bay Tidal Fresh	CE, HA	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB1TF segment. An older TMDL (2002) also still applies to the Swan Creek portion of this segment.	
MD-CB2OH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB2OH - Northern Chesapeake Bay Oligohaline	BA, CE, HA, KE	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB2OH segment. Older TMDLs also still apply to the Fairlee (1999), Stillpond (2002), and Worton Creek (2002) portions of this segment.	
MD-CB2OH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB2OH - Northern Chesapeake Bay Oligohaline	BA, CE, HA, KE	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB2OH segment. Older TMDLs also still apply to the Fairlee (1999), Stillpond (2002), and Worton Creek (2002) portions of this segment.	
MD-CB2OH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB2OH - Northern Chesapeake Bay Oligohaline	BA, CE, HA, KE	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB2OH segment. Older TMDLs also still apply to the Fairlee (1999), Stillpond (2002), and Worton Creek (2002) portions of this segment.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CB2OH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB2OH - Northern Chesapeake Bay Oligohaline	BA, CE, HA, KE	Chesapeake Bay segment		Source Unknown	A TMDL established on 12/29/10 addresses the nutrient load allocations for the entire CB2OH segment. Older TMDLs also still apply to the Fairlee (1999), Stillpond (2002), and Worton Creek (2002) portions of this segment.	
MD-CB3MH		Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline	BA, AA, KE, QA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB3MH		Seasonal Deep-Channel Refuge Use	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline	BA, AA, KE, QA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB3MH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline	BA, AA, KE, QA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB3MH		Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline	BA, AA, KE, QA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB3MH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline	BA, AA, KE, QA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CB3MH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline	BA, AA, KE, QA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB3MH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline	BA, AA, KE, QA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB3MH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline	BA, AA, KE, QA	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB3MH		Seasonal Deep-Channel Refuge Use	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline	BA, AA, KE, QA	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB5MH		Seasonal Deep-Channel Refuge Use	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline	CV, SM, DO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB5MH		Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline	CV, SM, DO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-CB5MH		Seasonal Deep-Channel Refuge Use	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline	CV, SM, DO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB5MH		Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline	CV, SM, DO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB5MH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline	CV, SM, DO, SO	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB5MH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline	CV, SM, DO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB5MH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline	CV, SM, DO, SO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB4MH		Seasonal Deep-Channel Refuge Use	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline	AA, CV, QA, TA, DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-CB4MH		Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline	AA, CV, QA, TA, DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB4MH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline	AA, CV, QA, TA, DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB4MH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline	AA, CV, QA, TA, DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB4MH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline	AA, CV, QA, TA, DO	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB4MH		Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline	AA, CV, QA, TA, DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-CB4MH		Seasonal Deep-Channel Refuge Use	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline	AA, CV, QA, TA, DO	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-POTMH-Whites_Neck_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Potomac River Lower tidal	SM	Tidal Shellfish Area		Manure Runoff		
MD-POTMH-Tall_Timbers_Cove		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
Potomac River Lower tidal	SM	Tidal Shellfish Area		Wastes from Pets	TMDL approved in 2005. Most recent data shows that the shellfish bacteria standard is not being met.	
MD-POTMH-OH-02140101		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2008
Potomac River Lower Tidal	CH, SM	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		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline	CH, SM	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.	
MD-POTMH		Seasonal Deep-Channel Refuge Use	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline	CH, SM	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-POTMH		Seasonal Deep-Channel Refuge Use	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline	CH, SM	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.	
MD-POTMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline	CH, SM	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.	
MD-POTMH		Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline	CH, SM	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.	
MD-POTMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline	CH, SM	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POTMH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline	CH, SM	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-POTMH		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline	CH, SM	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.	
MD-POTMH		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline	CH, SM	Chesapeake Bay segment		Agriculture	A TMDL established on 12/29/2010 addresses the nutrient load allocations for the entire POTMH segment. An older TMDL (2005) also still applies to the Breton Bay portion of this segment.	
MD-POTOH-TF-02140102		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2008
Potomac River Middle Tidal	CH	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		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline	CH	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POTOH1		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline	CH	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-POTOH1		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline	CH	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POTOH1		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline	CH	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POTTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POTTF - Upper Potomac River Tidal Fresh	CH, MO, PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POTTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POTTF - Upper Potomac River Tidal Fresh	CH, MO, PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POTTF		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POTTF - Upper Potomac River Tidal Fresh	CH, MO, PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POTTF		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POTTF - Upper Potomac River Tidal Fresh	CH, MO, PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-POTMH-St.Inigoes_Creek-3		Shellfishing	Fecal Coliform	Direct Measurement	Split out from a previous listing	2016
POTMH - Lower Potomac River Mesohaline	SM	Tidal Shellfish Area		Manure Runoff	This downstream embayment within St. Inigoes Creek is still restricted to shellfish harvesting.	
MD-021401030718-ST_MARYS_LAKE		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
St. Mary's River	SM	Impoundments		Atmospheric Deposition - Toxics		
MD-POTMH-St.Inigoes_Creek-1		Shellfishing	Fecal Coliform	Direct Measurement	Split out from a previous listing	2016
POTMH - Lower Potomac River Mesohaline	SM	Tidal Shellfish Area		Manure Runoff	The upstream area of St. Inigoes Creek is still exceeding the shellfish harvesting area criteria.	
MD-POTMH-LOCUST_GROVE_COVE		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline	SM	Tidal Shellfish Area		Manure Runoff	Also known as St. Georges Creek.	
MD-POTMH-Carthagena_Creek-2		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2016
POTMH - Lower Potomac River Mesohaline	SM	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL approved in 2005. Recent data shows the upstream portion of Carthagena Creek as exceeding the shellfish harvesting area criteria.	
MD-POTMH-CHERRY_COVE_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline	SM	Tidal Shellfish Area		Wastes from Pets		
MD-POTMH-ST.PATRICKS_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline	SM	Tidal Shellfish Area		Manure Runoff		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-POTMH-St.Clements_Bay-1		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
POTMH - Lower Potomac River Mesohaline	SM	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL approved in 2005. Most recent data shows that the shellfish bacteria standard is not being met. This listing has been split as station 1302001 is now not meeting criteria while 1302004 continues to meet criteria (See MD-POTMH-St.Clements_Bay2).	
MD-POTMH-Charleston_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline	CH	Tidal Shellfish Area		Manure Runoff		
MD-POTMH-Chaptico_Bay		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Wicomico River	SM	Tidal Shellfish Area		Manure Runoff		
MD-POTOH2		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline	CH	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (1999) also still applies.	
MD-POTOH2		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline	CH	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (1999) also still applies.	
MD-POTOH2		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline	CH	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (1999) also still applies.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-POTOH2		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline	CH	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (1999) also still applies.	
MD-POTOH3		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek	CH	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POTOH3		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek	CH	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POTOH3		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek	CH	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POTOH3		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek	CH	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-POTOH3-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POTOH3 - Nanjemoy Creek	CH	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-MATTF		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh	CH	Chesapeake Bay segment		Urban Runoff/Storm Sewers	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.	
MD-MATTF		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh	CH	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.	
MD-MATTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh	CH	Chesapeake Bay segment		Agriculture	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.	
MD-MATTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh	CH	Chesapeake Bay segment		Urban Runoff/Storm Sewers	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2005) also still applies.	
MD-POTTF-02140201		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2008
Potomac River Upper tidal	PG, CH	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.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-02140202		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2014
Potomac River Montgomery County	FR, MO	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-PISTF		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh	PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PISTF		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh	PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-02140203		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2008
Piscataway Creek	PG	Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-PISTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh	PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-PISTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Dissolved Oxygen	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh	PG	Chesapeake Bay segment		Source Unknown	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-PISTF		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh	PG	Chesapeake Bay segment		Source Unknown	The SAV restoration goal is not being met and no water clarity data are available. This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010.	
MD-02140205		Aquatic Life and Wildlife	Nitrogen, Total	Direct Measurement	TMDL approved	2009
Anacostia River	MO, PG	Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		
MD-02140205		Water Contact Sports	Trash	Direct Measurement	TMDL approved	2012
Anacostia River	MO, PG	Non-tidal 8-digit watershed		Illegal Dumps or Other Inappropriate Waste Disposal		
MD-02140205		Aquatic Life and Wildlife	Biochemical Oxygen Demand (BOD)	Direct Measurement	TMDL approved	2009
Anacostia River	MO, PG	Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		
MD-ANATF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen, Total	Direct Measurement	TMDL approved	2012
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2008) also still applies.	
MD-ANATF		Open-Water Fish and Shellfish Subcategory	Nitrogen, Total	Direct Measurement	TMDL approved	2012
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2008) also still applies.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-02140205		Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2008
Anacostia River	MO, PG	Non-tidal 8-digit watershed		Wastes from Pets		
MD-ANATF		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	Water Clarity	TMDL approved	2008
ANATF - Anacostia River Tidal Fresh	PG	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.	
MD-ANATF-02140205		Fishing	PCBs in Fish Tissue	Direct Measurement	TMDL approved	2008
ANATF - Anacostia River Tidal Fresh	PG	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		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus, Total	Direct Measurement	TMDL approved	2012
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2008) also still applies.	
MD-ANATF		Open-Water Fish and Shellfish Subcategory	Biochemical Oxygen Demand (BOD)	Direct Measurement	TMDL approved	2012
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2008) also still applies.	
MD-ANATF		Open-Water Fish and Shellfish Subcategory	Phosphorus, Total	Direct Measurement	TMDL approved	2012
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2008) also still applies.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-ANATF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Biochemical Oxygen Demand (BOD)	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	This specific waterbody-pollutant combination was addressed by a TMDL established on 12/29/2010. An older TMDL (2008) also still applies.	
MD-ANATF		Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2008
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Wastes from Pets	Reestablished as separate listing from non tidal portion in 2004. TMDL approved on 9/19/06.	
MD-ANATF		Water Contact Sports	Trash	Direct Measurement	TMDL approved	2012
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Illegal Dumps or Other Inappropriate Waste Disposal		
MD-02140205-Mainstem2		Fishing	Polychlorinated biphenyls (PCBs)	Direct Measurement	TMDL approved	2012
Anacostia River	MO, PG	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 downstream to the head of tide. Fish tissue and water data included in this assessment.	
MD-02140205		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008
Anacostia River	MO, PG	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-02140205		Aquatic Life and Wildlife	Phosphorus, Total	Direct Measurement	TMDL approved	2009
Anacostia River	MO, PG	Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02140206		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Rock Creek	MO	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.	
MD-02140206		Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2008
Rock Creek	MO	Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		
MD-02140206		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Rock Creek	MO	Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		
MD-02140207		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2011
Cabin John Creek	MO	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		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2008
Cabin John Creek	MO	Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-021402080857-Clopper_Lake		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2002
Seneca Creek	MO	Impoundments		Urban Runoff/Storm Sewers		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021402080857-Clopper_Lake		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2002
Seneca Creek	MO	Impoundments		Urban Runoff/Storm Sewers		
MD-02140208		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2011
Seneca Creek	MO	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-02140302-LAKE_LINGANORE		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2004
Lower Monocacy River	FR	Impoundments		Agriculture		
MD-02140302		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2009
Lower Monocacy River	CR, FR, MO	Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		
MD-02140302		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Lower Monocacy River	CR, FR, MO	Non-tidal 8-digit watershed		Crop Production (Crop Land or Dry Land)		
MD-02140302		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Lower Monocacy River	CR, FR, MO	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.	
MD-02140302-LAKE_LINGANORE		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2004
Lower Monocacy River	FR	Impoundments		Municipal Point Source Discharges		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02140303		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Upper Monocacy River	CR, FR	Non-tidal 8-digit watershed	39%	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 and listing for phosphorus addresses a portion of the biological impairment listing.	
MD-02140303		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2009
Upper Monocacy River	CR, FR	Non-tidal 8-digit watershed		Manure Runoff		
MD-02140303		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2010
Upper Monocacy River	CR, FR	Non-tidal 8-digit watershed	51%	Agriculture	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.	
MD-02140304		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2009
Double Pipe Creek	CR, FR	Non-tidal 8-digit watershed		Wastes from Pets		
MD-02140304		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Double Pipe Creek	CR, FR	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		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Double Pipe Creek	CR, FR	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.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02140305		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Catoctin Creek	FR	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		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Catoctin Creek	FR	Non-tidal 8-digit watershed		Crop Production (Crop Land or Dry Land)		
MD-02140501		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Potomac River Washington County	WA	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.	
MD-02140502		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2009
Antietam Creek	WA	Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		
MD-02140502		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2014
Antietam Creek	WA	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		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Antietam Creek	WA	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.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02140504		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Conococheague Creek	WA	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-02140504		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2009
Conococheague Creek	WA	Non-tidal 8-digit watershed		Wastes from Pets		
MD-02141002		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008
Evitts Creek	AL	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.	
MD-02141003		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2008
Wills Creek	AL, GA	Non-tidal 8-digit watershed		Combined Sewer Overflows		
MD-021410030099-UT2_JENNINGS_RUN		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Wills Creek	AL, GA	Non-tidal Segment(s)		Acid Mine Drainage	This segment flows downstream between Morantown and Slabtown.	
MD-021410030098-UT3_JENNINGS_RUN		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Wills Creek	AL, GA	Non-tidal Segment(s)		Acid Mine Drainage	Impairment is limited to the stream segment represented by station 60/UJN0005 (not whole 12-digit watershed). Segment crosses Beartrack Farm Road.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021410030099-UT1_JENNINGS_RUN		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Wills Creek	AL, GA	Non-tidal Segment(s)		Acid Mine Drainage	This segment flows downstream toward Mount Savage.	
MD-02141003		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008
Wills Creek	AL, GA	Non-tidal 8-digit watershed	31%	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-021410030099-JENNINGS_RUN		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Wills Creek	AL, GA	Non-tidal Segment(s)		Acid Mine Drainage	These segments flow downstream and cross Sugar Row Road.	
MD-021410040088-UT_Moores_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek	AL	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-02141004		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2008
Georges Creek	AL, GA	Non-tidal 8-digit watershed		Combined Sewer Overflows		
MD-021410040093-Winebrenner_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek	AL	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.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021410040089-Jackson_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek	AL	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-02141004		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2006
Georges Creek	AL, GA	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-Mill_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek	AL, GA	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-021410040092-Staub_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek	AL, GA	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_Georges_Creek		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek	AL	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.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021410040091-Matthew_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek	AL	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-021410050050-Laurel_Run_north		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River	GA	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		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River	GA	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-02141005		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008
Upper North Branch Potomac River	AL, GA	Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		
MD-021410050047-Wolfden_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River	GA	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.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021410050047-Short_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River	GA	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		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River	GA	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-S_Prong_Lostland_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River	GA	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		Aquatic Life and Wildlife	Iron	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River	GA	Subwatershed		Acid Mine Drainage		
MD-021410050048-Three_Forks_Run		Aquatic Life and Wildlife	Iron	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River	GA	Subwatershed		Acid Mine Drainage		
MD-021410050048-Three_Forks_Run		Aquatic Life and Wildlife	Aluminum	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River	GA	Subwatershed		Acid Mine Drainage		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-02141005-Mainstem_aboveJR_Lake		Aquatic Life and Wildlife	Iron	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River	AL, GA	Non-tidal Segment(s)		Acid Mine Drainage		
MD-021410050048-Three_Forks_Run_part		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River	GA	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-021410050039-Laurel_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River	GA	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-021410050039-Laurel_Run		Aquatic Life and Wildlife	Aluminum	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River	GA	Subwatershed		Acid Mine Drainage		
MD-021410050043-Glade_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River	GA	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-021410060078-Miller_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River	GA	Non-tidal Segment(s)		Atmospheric Deposition - Acidity		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-021410060075-UTAaron_Run2		Aquatic Life and Wildlife	pH, Low	Direct Measurement	Split out from a previous listing	2014
Savage River	GA	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-021410060079-Poplar_Lick_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River	GA	Non-tidal Segment(s)		Atmospheric Deposition - Acidity		
MD-021410060077-Savage_Reservoir		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Savage River	GA	Impoundments		Atmospheric Deposition - Toxics		
MD-021410060077-Pine_Swamp_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River	GA	Non-tidal Segment(s)		Acid Mine Drainage		
MD-021410060081-Little_Savage_River		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River	GA	Non-tidal Segment(s)		Atmospheric Deposition - Acidity		
MD-021410060075-UTAaron_Run1		Aquatic Life and Wildlife	pH, Low	Direct Measurement	Split out from a previous listing	2014
Savage River	GA	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-021410060078-Big_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River	GA	Non-tidal Segment(s)		Atmospheric Deposition - Acidity		

Assessment Unit	*Basin Code*	*Designated Use*	*Cause*	*Indicator*	*Reason For Removal*	*Cycle Delisted*
Basin Name	*County*	*Water Type Detail*	*Percent Attributable Risk*	*Pollution Sources*	*Notes*	
MD-021410060075-UT_Savage_River		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River	GA	Non-tidal Segment(s)		Acid Mine Drainage		
MD-050202010009-Murley_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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-050202010010-Muddy_Creek		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-050202010016-UT_Little_Bear_Creek		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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-050202010010-Ned_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2006
Youghiogheny River	GA	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-050202010017-Trap_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-050202010002-Cherry_Creek		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2009
Youghiogheny River	GA	Non-tidal Segment(s)		Livestock (Grazing or Feeding Operations)	listing is for upstream of station CHC0008	
MD-050202010014-White_Rock_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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-050202010014-White_Rock_Glade		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-050202010019-Buffalo_Run1		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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-UT_Glade_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-050202010008-Millers_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River	GA	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-050202020026-Broadford_Lake		Aquatic Life and Wildlife	Phosphorus, Total	Dissolved Oxygen	TMDL approved	2000
Little Youghiogheny River	GA	Impoundments		Agriculture		
MD-05020202		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008
Little Youghiogheny River	GA	Non-tidal 8-digit watershed		Agriculture		
MD-05020202		Water Contact Sports	Escherichia coli (E. Coli)	Direct Measurement	TMDL approved	2009
Little Youghiogheny River	GA	Non-tidal 8-digit watershed		On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		
MD-05020202		Aquatic Life and Wildlife	Biochemical Oxygen Demand (BOD), carbonaceous	Direct Measurement	TMDL approved	2002
Little Youghiogheny River	GA	Non-tidal 8-digit watershed		Municipal Point Source Discharges		
MD-05020202		Aquatic Life and Wildlife	Biochemical Oxygen Demand (BOD), nitrogenous	Direct Measurement	TMDL approved	2002
Little Youghiogheny River	GA	Non-tidal 8-digit watershed		Municipal Point Source Discharges		

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
MD-050202030029-Cherry_Creek		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2004
Deep Creek Lake	GA	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		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Deep Creek Lake	GA	Impoundments		Atmospheric Deposition - Toxics		
MD-050202040035-Meadow_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River	GA	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		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River	GA	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		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River	GA	Non-tidal Segment(s)	62%	Acid Mine Drainage	Restoration activities implemented by MDE show two years of meeting pH standards but cannot delist until it is meeting standards for three consecutive years. Need one more year of data.	

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal	Cycle Delisted
Basin Name	**County**	**Water Type Detail**	**Percent Attributable Risk**	**Pollution Sources**	**Notes**	
MD-050202040031-SouthBranch_Casselman_River1		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River	GA	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-050202040030-NorthBranch_Casselman_River		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River	GA	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		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Casselman River	GA	Impoundments		Atmospheric Deposition - Toxics		