F.4 Category 4a Waters

Maryland's 2016 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 plapproved in 2014.	hosphorus
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 plapproved in 2014.	hosphorus
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 plapproved in 2014.	hosphorus
MD-02130103-T- SHINGLE_LANDING_PRON G		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 phosphorus were approve now supercede the previo approved in 2002.	d in 2014 and
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.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 1 of 94

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- 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 plapproved in 2014.	hosphorus were
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- 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- 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 phosphorus were approve now supercede the previo approved in 2002.	d in 2014 and
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- 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.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 2 of 94

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 phosphorus were approve now supercede the previous approved in 2002.	d in 2014 and	
MD-02130103-T- SHINGLE_LANDING_PRON G		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	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- 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 pl approved in 2014.	nosphorus were	
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 pl approved in 2014.	nosphorus were	
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	phosphorus were approve	A revised set of TMDLs for nitrogen and phosphorus were approved in 2014 and now supercede the previous TMDLs approved in 2002.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 3 of 94

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	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Sinepuxent Bay	WO	Coastal Bay		Urban Runoff/Storm Sewers	TMDLs for nitrogen and plapproved in 2014.	nosphorus
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 plapproved in 2014.	nosphorus
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 phosphorus were approve now supercede the previor approved in 2002. The Ay Kitts Branch assessment consolidated into one recount.	d in 2014 and us TMDLs er Creek and records were
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 development in the Newpowatershed led to the ident phosphorus as a significant Newport Creek.	ort Bay ification of
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 development in the Newpowatershed led to the ident phosphorus as a significatine mainstem portion of N	ort Bay ification of nt pollutant in
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.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 4 of 94

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- 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.	
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 plapproved in 2014.	nosphorus were
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-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 fo phosphorus were approve now supercede the previou approved in 2002.	d in 2014 and
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 place approved in 2014.	nosphorus were
MD-021301060672- Big_Mill_Pond		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2002
Chincoteague Bay	WO	Impoundments		Agriculture		
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 plapproved in 2014.	nosphorus were

07-Nov-17 FINAL Category 4a Waters FINAL Page 5 of 94

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-021301060672- Big_Mill_Pond		Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
Chincoteague Bay	WO	Impoundments		Agriculture		
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 combined listing in 2008 (POCMH-OH-Pocomoke_STMDL accounting purpose written in concert with VA 2009.	AU-ID: MD- Sound-River) for es. A joint TMDL
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM this impairment, was finali 12/29/2010. This listing suprevious sediment listing to 02130202.	zed on persedes the
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 6 of 94

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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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 Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal and water clarity is insufficient.	
MD-POCOH-02130202- Pocomoke		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		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	The Chesapeake Bay TM this impairment, was final 12/29/2010. This listing of Sediment/TSS listings fro 02130202, 02130204, and	ized on captures the tidal m watersheds
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 7 of 94

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		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	The Chesapeake Bay TM on 12/29/2010. This listing previous nutrient listings to 02130202, 02130204, and	ng captures the for watersheds	
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	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient listings for watersheds 02130202, 02130204, and 02130205.		
MD-021302030648- Adkins_Pond		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			
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 excess phosphorus is a naffecting biological integri watershed. This listing rebiological listing.	najor stressor ty in this	
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)	sediment is a major stres biological integrity in this	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	Direct Measurement	TMDL approved	2009	
Dividing Creek	WI, WO, SO	Non-tidal Segment(s)		Wastes from Pets			
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07-Nov-17 FINAL Category 4a Waters FINAL Page 8 of 94

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-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. shows this area failing to r shellfish bacteria standard	neet the	
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized	
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized	
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 Chesapeake Bay TMI this impairment, was finali 12/29/2010. SAV does not restoration goal. This listing the previous Sediment/TS watershed 02130206.	zed on of meet the ng supersedes	
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 restoration goal and the insufficient water clarity. The Bay TMDL, addressing this	Measured acres of SAV does not meet the restoration goal and there is insufficient water clarity. The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-MANMH- ST.PETERS_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006	
MANMH - Manokin River Mesohaline	SO	Tidal Shellfish Area		Manure Runoff			

07-Nov-17 FINAL Category 4a Waters FINAL Page 9 of 94

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	The Chesapeake Bay TMI the nutrient load allocation Manokin River.	
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	The Chesapeake Bay TMDL addressed the nutrient load allocations for the Manokin River. However, an older TMDL may still apply to this segment.	
MD-MANMH		Aquatic Life and Wildlife	BOD, Biochemical oxygen demand	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		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MANMH - Manokin River Mesohaline	SO	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI the nutrient load allocation Manokin River. However, may still apply to this segr	s for the an older TMDL
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 Chesapeake Bay TMI this impairment, was finali 12/29/2010. SAV restorat being met and there is ins clarity.	zed on ion goal is not
MD-MANMH- MANOKIN_RIVER		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MANMH - Manokin River Mesohaline	SO	Tidal Shellfish Area		Manure Runoff		

07-Nov-17 FINAL Category 4a Waters FINAL Page 10 of 94

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		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MANMH - Manokin River Mesohaline	SO	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI the nutrient load allocation Manokin River.	
MD-WICMH-02130301		Aquatic Life and Wildlife	BOD, Biochemical oxygen demand	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.	
MD-WICMH-Wicomico_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
WICMH - Wicomico River Mesohaline	WI, SO	Tidal Shellfish Area		On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)		
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-021303010558- Tony_Tank_Lake		Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2000
Lower Wicomico River	WI	Impoundments		Agriculture		
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	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire WICMH segment. However, older TMDLs may still apply to the Wicomico Creek and Lower Wicomico River portions of this segment.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 11 of 94

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		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012	
WICMH - Wicomico River Mesohaline	WI, SO	Chesapeake Bay segment		Agriculture	the nutrient load allocation WICMH segment. Howeve may still apply to the Wicc	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire WICMH segment. However, older TMDLs may still apply to the Wicomico Creek and Lower Wicomico River portions of this segment.	
MD-WICMH		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	The Chesapeake Bay TMI the nutrient load allocation WICMH segment. Howeve may still apply to the Wicc Lower Wicomico River por segment.	ns for the entire er, older TMDLs emico Creek and	
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	The Chesapeake Bay TMI the nutrient load allocation WICMH segment. However may still apply to the Wicc Lower Wicomico River por segment.	ns for the entire er, older TMDLs emico Creek and	
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 Decencentralized Systems)	was reduced in 2014 as tw stations delineating this ar	The size of this impaired assessment unit was reduced in 2014 as two of the three stations delineating this area were meeting shellfish harvesting standards.	
MD-02130304- Johnsons_Pond		Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002	
Wicomico River Headwaters	WI	Impoundments		Agriculture	TMDL includes all of Wico watershed	mico River	

07-Nov-17 FINAL Category 4a Waters FINAL Page 12 of 94

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-02130304- Johnsons_Pond		Aquatic Life and Wildlife	Sedimentation/siltation	Direct Measurement	TMDL approved	2002
Wicomico River Headwaters	WI	Impoundments		Agriculture	TMDL includes all of Wicc watershed	omico River
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	
MD-02130304- Multiple_segments_1		Water Contact Sports	Escherichia 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 F	Pond
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 13 of 94

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		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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire NANOH segment. However, an older TMDL may still apply to the Marshyhope Creek portion of this segment.	
MD-NANOH		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	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire NANOH segment. However, an older TMDL may still apply to the Marshyhope Creek portion of this segment.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 14 of 94

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	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012	
NANOH - Middle Nanticoke River Oligohaline	DO, WI	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI the nutrient load allocation NANOH segment. Howeve TMDL may still apply to the Creek portion of this segment.	s for the entire er, an older e Marshyhope	
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	The Chesapeake Bay TMI the nutrient load allocation NANOH segment. Howeve TMDL may still apply to the Creek portion of this segment.	s for the entire er, an older e Marshyhope	
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	this impairment, was finali 12/29/2010. SAV and war meet the restoration goal. captures the previous Sec	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV and water clarity do not meet the restoration goal. This listing captures the previous Sediment/TSS listing for the tidal portion of watershed 02130306.	
MD-HNGMH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012	
HNGMH - Honga River Mesohaline	DO	Chesapeake Bay segment		Source Unknown	this impairment, was finali 12/29/2010. SAV does no	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal and there is insufficient water clarity.	
MD-HNGMH		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012	
HNGMH - Honga River Mesohaline	DO	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized	

07-Nov-17 FINAL Category 4a Waters FINAL Page 15 of 94

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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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 Chesapeake Bay TM this impairment, was final 12/29/2010. SAV does no restoration goal.	ized on
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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. shows that the bacteria w standard is not being met	ater quality
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 Chesapeake Bay TM this impairment, was final 12/29/2010. SAV does not restoration goal. This listit previous Sediment/TSS liwatershed 02130403.	ized on ot meet the ng captures the

07-Nov-17 FINAL Category 4a Waters FINAL Page 16 of 94

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	BOD, carbonaceous	Direct Measurement	TMDL approved	2004
Lower Choptank River	TA	Non-tidal Segment(s)		Municipal Point Source Discharges	TMDL developed for the u La Trappe Creek.	nnamed trib to
MD-CHOMH1- San_Domingo_Creek_NE_Br anch		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Lower Choptank River	ТА	Tidal Shellfish Area		Manure Runoff	A separate TMDL was done for the northwest and northeast branch of San Domingo.	
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-CHOMH1- TOWN_CREEK		Aquatic Life and Wildlife	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2004
CHOMH1 - Choptank River Mesohaline mouth 1	TA	Tidal subsegment		Agriculture	This assessment records a TMDL approved in 2003	
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	The Chesapeake Bay TMI the nutrient load allocation CHOMH1 segment. Howe TMDL may still apply to the portion of this segment.	s for the entire ver, an older
MD-CHOMH2- LOWER_CHOPTANK_RIVE R_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	

07-Nov-17 FINAL Category 4a Waters FINAL Page 17 of 94

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	BOD, nitrogenous	Direct Measurement	TMDL approved	2004
Lower Choptank River	TA	Non-tidal Segment(s)		Municipal Point Source Discharges	TMDL developed for the unline La Trappe Creek.	nnamed trib to
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-CHOMH1- Tred_Avon_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River	TA	Tidal Shellfish Area		Manure Runoff		
MD-CHOMH2-Indian_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River	DO	Tidal Shellfish Area		Manure Runoff		
MD-CHOMH2-Warwick_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River	DO	Tidal Shellfish Area		Manure Runoff		
MD-CHOMH1- Northeast_Branch		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River	TA	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-CHOMH2-Goose_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River	DO	Tidal Shellfish Area		Manure Runoff		
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 18 of 94

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-Tar_Creek-2		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2016
Lower Choptank River	ТА	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL was previously com area. Newer data shows t portion of Tar Creek as fai shellfish harvesting criteria	this smaller ling to meet the
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	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHOMH1 segment. However, an older TMDL may still apply to the Town Creek portion of this segment.	
MD-CHOMH2		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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMl on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CHOMH1 segment. However, an older TMDL may still apply to the Town Creek portion of this segment.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 19 of 94

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	The Chesapeake Bay TMI the nutrient load allocation CHOMH1 segment. Howe TMDL may still apply to th portion of this segment.	s for the entire ver, an older	
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 Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.		
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized	
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	this impairment, was finali 12/29/2010. SAV does no restoration goal. This listin previous Sediment/TSS lis	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing captures the previous Sediment/TSS listings from watersheds 02130403 and 02130404.	
MD-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	The Chesapeake Bay TMI on 12/29/2010. This listing previous nutrient listings fro 02130403 and 02130404.	g captures the	

07-Nov-17 FINAL Category 4a Waters FINAL Page 20 of 94

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		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	The Chesapeake Bay TMI on 12/29/2010.	OL was finalized
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	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient listings from watersheds 02130403 and 02130404.	
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 21 of 94

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-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	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing for TSS combines the listings from the tidal portions of the Upper Choptank and Tuckahoe Creek watersheds.	
MD-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.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TM on 12/29/2010. This listin previous nutrient impairme watersheds 02130501, 02 02130503, and 02130504	g captures the ents for 130502,
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	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH		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	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 22 of 94

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		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH-SWSAV		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 Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met. This listing captures the TSS/Sediment impairment from watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH		Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH		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	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 23 of 94

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 Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline	QA, TA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TM on 12/29/2010. This listin previous nutrient impairme watersheds 02130501, 02 02130503, and 02130504	g captures the ents for 130502,
MD-EASMH-Miles_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Miles River	ТА	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-Leeds_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Miles River	TA	Tidal Shellfish Area		Wastes from Pets		
MD-EASMH-WYE_RIVER-2		Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2014
Wye River	QA, TA	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	This area fails to meet the harvesting area bacteria c	
MD-EASMH-Wye_River		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Wye River	QA, TA	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)		
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. shows that bacteria water standards are being exceed	quality
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.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 24 of 94

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	The Chesapeake Bay TM the nutrient load allocation CHSMH segment. However TMDL may still apply to the portion of this segment.	ns for the entire er, an older
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	The Chesapeake Bay TM the nutrient load allocation CHSMH segment. However TMDL may still apply to the portion of this segment.	ns for the entire er, an older
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 Chesapeake Bay TM this impairment, was finali 12/29/2010. The SAV/wa restoration goal is not beir listing captures the sedim watersheds 02130505, 02 02130507.	ized on ter clarity ng met. This ent listings from
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	The Chesapeake Bay TM the nutrient load allocatior CHSMH segment. Howev TMDL may still apply to the portion of this segment.	ns for the entire er, an older
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	The Chesapeake Bay TM the nutrient load allocatior CHSMH segment. Howev TMDL may still apply to the portion of this segment.	ns for the entire er, an older

07-Nov-17 FINAL Category 4a Waters FINAL Page 25 of 94

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 Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline	KE, QA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI the nutrient load allocation CHSMH segment. Howeve TMDL may still apply to the portion of this segment.	s for the entire er, an older
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	The Chesapeake Bay TMI the nutrient load allocation CHSMH segment. Howeve TMDL may still apply to the portion of this segment.	s for the entire er, an older
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	The Chesapeake Bay TMI the nutrient load allocation CHSMH segment. Howeve TMDL may still apply to the portion of this segment.	s for the entire er, an older
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	The Chesapeake Bay TMI the nutrient load allocation CHSMH segment. Howeve TMDL may still apply to the portion of this segment.	s for the entire er, an older
MD-CHSOH		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
CHSOH - Middle Chester River Oligohaline	KE, QA	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI the nutrient load allocation CHSOH segment. However may still apply to the Middl Southeast, and Upper Cheportions of this segment.	s for the entire er, older TMDLs e Chester,

07-Nov-17 FINAL Category 4a Waters FINAL Page 26 of 94

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.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
CHSOH - Middle Chester River Oligohaline	KE, QA	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TM the nutrient load allocation CHSOH segment. Howev may still apply to the Midd Southeast, and Upper Ch portions of this segment.	ns for the entire er, older TMDLs lle Chester,
MD-CHSOH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHSOH - Middle Chester River Oligohaline	KE, QA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV is not meeting the restoration goal.	
MD-CHSOH		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSOH - Middle Chester River Oligohaline	KE, QA	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TM the nutrient load allocation CHSOH segment. Howev may still apply to the Midd Southeast, and Upper Ch portions of this segment.	ns for the entire er, older TMDLs lle Chester,
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	The Chesapeake Bay TM the nutrient load allocation CHSOH segment. Howev may still apply to the Midd Southeast, and Upper Ch portions of this segment.	ns for the entire er, older TMDLs lle Chester,
MD-CHSMH-02130507		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2012
Corsica River	KE, QA	Tidal subsegment		Upstream/Downstream Source	This listing only applies to River (02130507) portion	

07-Nov-17 FINAL Category 4a Waters FINAL Page 27 of 94

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-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 approve contiguous body of water t parts of the Southeast Cre Chester, and Middle Ches	hat includes ek, Lower
MD-021305090415- Urieville_Lake		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2000
Middle Chester River	KE	Impoundments		Agriculture		
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 approve contiguous body of water t parts of the Southeast Cre Chester, and Middle Ches	hat includes ek, Lower
MD-021305090415- Urieville_Lake		Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2000
Middle Chester River	KE	Impoundments		Agriculture		
MD-CHSTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
CHSTF - Upper Chester River Tidal Fresh	KE, QA	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI the nutrient load allocation CHSTF segment. Howeve TMDL may still apply to the	s for the r, an older
MD-02130510- Millington_Wildlife_Ponds		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2012
Upper Chester River	KE	Impoundments		Atmospheric Deposition - Toxics		

07-Nov-17 FINAL Category 4a Waters FINAL Page 28 of 94

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- 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 County. QA County will no monitoring this site.	
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	The Chesapeake Bay TMI the nutrient load allocation CHSTF segment. Howeve TMDL may still apply to th	s for the r, an older
MD-CHSTF		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
CHSTF - Upper Chester River Tidal Fresh	KE, QA	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI the nutrient load allocation CHSTF segment. Howeve TMDL may still apply to th	is for the r, an older
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	The Chesapeake Bay TMI the nutrient load allocation CHSTF segment. Howeve TMDL may still apply to th	is for the r, an older
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	The Chesapeake Bay TMI on 12/29/2010. This listin nutrient listings for watersl and 02130603.	g captures the

07-Nov-17 FINAL Category 4a Waters FINAL Page 29 of 94

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-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	The Chesapeake Bay TM on 12/29/2010. This listin nutrient listings for waters and 02130603.	g captures the
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	The Chesapeake Bay TM on 12/29/2010. This listin nutrient listings for waters and 02130603.	g captures the
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	The Chesapeake Bay TM on 12/29/2010. This listin nutrient listings for waters and 02130603.	g captures the
MD-ELKOH		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2014
ELKOH - Elk River Oligohaline	CE	Chesapeake Bay segment		Non-regulated watershed runoff	This listing now incorporal Lower, and Upper portions (watersheds 02130601, 002130605). These listings aggregated since they we connected.	s of the Elk 2130603, s were
MD-BOHOH		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline	CE	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TM the nutrient load allocation BOHOH segment. Howev TMDL may still apply to the	ns for the er, an older
MD-BOHOH		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2012
BOHOH - Bohemia River Oligohaline	CE	Chesapeake Bay segment		Upstream/Downstream Source		

07-Nov-17 FINAL Category 4a Waters FINAL Page 30 of 94

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	The Chesapeake Bay TMI the nutrient load allocation BOHOH segment. Howeve TMDL may still apply to the	s for the er, an older
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	The Chesapeake Bay TMI the nutrient load allocation BOHOH segment. Howeve TMDL may still apply to the	s for the er, an older
MD-BOHOH		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline	CE	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI the nutrient load allocation BOHOH segment. Howeve TMDL may still apply to the	s for the er, an older
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 31 of 94

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		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2014
C&DOH - C&D Canal Oligohaline	CE	Chesapeake Bay segment		Non-regulated watershed runoff		
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
MD-NORTF		Fishing	PCB 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.	
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	The Chesapeake Bay TM the nutrient load allocation NORTF segment. Howeve TMDL may still apply to the	ns for the er, an older
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	The Chesapeake Bay TM the nutrient load allocation NORTF segment. Howeve TMDL may still apply to the	ns for the er, an older
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	The Chesapeake Bay TM the nutrient load allocation NORTF segment. Howeve TMDL may still apply to the	ns for the er, an older

07-Nov-17 FINAL Category 4a Waters FINAL Page 32 of 94

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	The Chesapeake Bay TM the nutrient load allocation NORTF segment. Howeve TMDL may still apply to the	ns for the er, an older
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	The Chesapeake Bay TM the nutrient load allocation SASOH segment. However TMDL for Sassafras River to this segment.	ns for the er, an older
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 Chesapeake Bay TM this impairment, was final 12/29/2010. The SAV/wa has not been met for this	zed on ter clarity goal
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	The Chesapeake Bay TM the nutrient load allocation SASOH segment.	
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	The Chesapeake Bay TM the nutrient load allocation SASOH segment.	
MD-SASOH		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2012
SASOH - Sassafras River Oligohaline	CE, KE	Chesapeake Bay segment		Contaminated Sediments		

07-Nov-17 FINAL Category 4a Waters FINAL Page 33 of 94

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.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline	CE, KE	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI the nutrient load allocation SASOH segment. Howeve TMDL for Sassafras River to this segment.	s for the er, an older
MD-BSHOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline	НА	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-BSHOH		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline	НА	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-BSHOH		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline	НА	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-BSHOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline	НА	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	OL was finalized
MD-02130704		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2011
Bynum Run	НА	Non-tidal 8-digit watershed	37%	Urban Runoff/Storm Sewers	The Biostressor analysis in excess sediment is a major affecting biological integrit watershed. The TMDL for addresses a portion of the impairment listing.	or stressor y in this sediment

07-Nov-17 FINAL Category 4a Waters FINAL Page 34 of 94

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		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	The Chesapeake Bay TMD on 12/29/2010.	L was finalized
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	The Chesapeake Bay TMD on 12/29/2010.	L was finalized
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	НА, ВА	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMD this impairment, was finaliz 12/29/2010. SAV does not restoration goal. This listing the Sediment/TSS listings f 02130801 and 02130803.	ed on meet the g supersedes
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	The Chesapeake Bay TMD on 12/29/2010.	L was finalized
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	The Chesapeake Bay TMD on 12/29/2010.	L was finalized
MD-MIDOH		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline	ВА	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMD on 12/29/2010.	L was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 35 of 94

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-MIDOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline	ВА	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-MIDOH-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
MIDOH - Middle River Oligohaline	ВА	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	
MD-MIDOH		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline	ВА	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-MIDOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline	ВА	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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- Multiple_segments		Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Loch Raven Reservoir	BA, CR	Subwatershed		Sanitary Sewer Overflows (Collection System Failures)		

07-Nov-17 FINAL Category 4a Waters FINAL Page 36 of 94

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-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 she mercury below the criteria. additional data is needed timprovement and thus just	However, o confirm this
MD-021308060313- Prettyboy_Reservoir		Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
Prettyboy Reservoir	ВА	Impoundments		Agriculture		
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	ВА	Impoundments		Atmospheric Deposition - Toxics	Recent fish tissue data sh mercury below the criteria. additional data is needed t improvement and thus just	However, o confirm this
MD-BACOH		Aquatic Life and Wildlife	Polychlorinated biphenyls	Direct Measurement	TMDL approved	2014
BACOH - Back River Oligohaline	ВА	Chesapeake Bay segment		Contaminated Sediments		
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	

07-Nov-17 FINAL Category 4a Waters FINAL Page 37 of 94

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	ВА	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-BACOH		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline	ВА	Chesapeake Bay segment		Municipal Point Source Discharges	The Chesapeake Bay TMDL addresses the nutrient load allocations for the BACOH segment. However, an older TMDL may still apply to this segment.	
MD-BACOH		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline	ВА	Chesapeake Bay segment		Municipal Point Source Discharges	The Chesapeake Bay TMDL addresses the nutrient load allocations for the BACOH segment. However, an older TMDL may still apply to this segment.	
MD-BACOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline	ВА	Chesapeake Bay segment		Municipal Point Source Discharges	The Chesapeake Bay TM the nutrient load allocation BACOH segment. Howev TMDL may still apply to the	ns for the er, an older
MD-BACOH		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2014
BACOH - Back River Oligohaline	ВА	Chesapeake Bay segment		Contaminated Sediments		
MD-BACOH		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline	ВА	Chesapeake Bay segment		Municipal Point Source Discharges	The Chesapeake Bay TMDL addresses the nutrient load allocations for the BACOH segment. However, an older TMDL may still apply to this segment.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 38 of 94

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		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
BACOH - Back River Oligohaline	ВА	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI this impairment, was finali: 12/29/2010.	
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 Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal and water clarity is insufficient. This listing supersedes the previous Sediment/TSS listings for watersheds 02130903 and 02130902.	
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	The Chesapeake Bay TMI the nutrient load allocation PATMH segment. Howeve TMDL may still apply to the	s for the er, an older
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	The Chesapeake Bay TMI the nutrient load allocation PATMH segment. Howeve TMDL may still apply to the	s for the er, an older
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	The Chesapeake Bay TMI the nutrient load allocation PATMH segment. Howeve TMDL may still apply to the	s for the er, an older

07-Nov-17 FINAL Category 4a Waters FINAL Page 39 of 94

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		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	The Chesapeake Bay TMI the nutrient load allocation PATMH segment. Howeve TMDL may still apply to the	s for the r, an older
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	The Chesapeake Bay TMI on 12/29/2010. The size for assessment unit was prev 4.44 sq miles. However, to consistent with other Deep assessments, this assess the full PATMH size (36.15)	or this lously shown as lobe more lo Channel ment was given
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-PATMH-Bear_Creek		Aquatic Life and Wildlife	PCBs - sediments and fish tissue	Direct Measurement	TMDL approved	2014
PATMH - Patapsco River Mesohaline	ВА	Tidal subsegment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	This PCB listing was due to data, not fish tissue.	o sediment
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	The Chesapeake Bay TMI the nutrient load allocation PATMH segment. Howeve TMDL may still apply to the	s for the r, an older

07-Nov-17 FINAL Category 4a Waters FINAL Page 40 of 94

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 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	The Chesapeake Bay TM the nutrient load allocation PATMH segment. Howeve TMDL may still apply to the	ns for the er, an older	
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 indicate Furnace Creek is bacteria, see "ListingReview_old98_list: 303(d) data for 2008 list. Furnace Creek does not in Creek which = 0.024 sq. r	impaired for ngs.doc" - NOTE: Area for nclude Back	
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	on 12/29/2010. The size for assessment unit was previously 4.44 sq miles. However, to consistent with other Deep assessments, this assess	The Chesapeake Bay TMDL was finalized on 12/29/2010. The size for this assessment unit was previously shown as 4.44 sq miles. However, to be more consistent with other Deep Channel assessments, this assessment was given the full PATMH size (36.15 sqmiles)	
MD-PATMH-Middle- NorthwestHarbor-littoral		Water Contact Sports	Debris/Floatables/Trash	Direct Measurement	TMDL approved	2016	
PATMH - Patapsco River Mesohaline	AA, BA, BC	Tidal subsegment		Inappropriate Waste Disposal	Listing only applies to the the Middle Branch (Ferry to Harbor Hospital Center zone of the Northwest Hal Street Pier to Canton Wat	Bar Park around and the littoral bor (from Hull	
MD-PATMH-02130903- Mainstem		Fishing	PCB 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 Harbor (02130903) portion TMDL has now been com	of PATMH. A	

07-Nov-17 FINAL Category 4a Waters FINAL Page 41 of 94

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	Chesapeake Bay segment		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- CURTIS_BAY_CREEK		Aquatic Life and Wildlife	PCBs - sediments and fish tissue	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 data, not fish tissue.	to sediment
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 i TSS is a major stressor at biological integrity in this v listing replaces the biologi	fecting vatershed. This
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)		
MD-02130904-Lake_Roland		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2014
Jones Falls	ВА	Impoundments		Upstream Source		
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)		

07-Nov-17 FINAL Category 4a Waters FINAL Page 42 of 94

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		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 i TSS is a major stressor at biological integrity in this v listing replaces the biologi	fecting vatershed. This
MD-02130906- Multiple_segments_upper		Water Contact Sports	Escherichia 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 fr watershed-wide listing for the Lower North Branch P watershed.	fecal bacteria in
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 i TSS is a major stressor at biological integrity in this v listing replaces the biologi	fecting vatershed. This
MD-02130906- Multiple_segments_lower		Water Contact Sports	Escherichia 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 fr watershed-wide listing for the Lower North Branch P watershed.	fecal bacteria in
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-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.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 43 of 94

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- Multiple_segments		Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Liberty Reservoir	BA, CR	Non-tidal Segment(s)		Livestock (Grazing or Feeding Operations)		
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		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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 Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met.	
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-MAGMH		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2016
MAGMH - Magothy River Mesohaline	AA	Chesapeake Bay segment		Contaminated Sediments		
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. continue to show the shell being exceeded.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 44 of 94

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-Forked_Creek		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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 45 of 94

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	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline	АА	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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		Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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 Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity goal is not being met for this segment.	
MD-SEVMH		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2016
SEVMH - Severn River Mesohaline	AA	Chesapeake Bay segment		Contaminated Sediments	This listing only includes mainstem, not Whitehall	

07-Nov-17 FINAL Category 4a Waters FINAL Page 46 of 94

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- 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 listi River was split into 3 sepa 2004 to refine area of imp listings were split into: the Severn, Mill Creek, and a for Meredith and Whitehal	rate listings in airment. These mainstem combined listing
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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 Chesapeake Bay TMI this impairment, was final 12/29/2010. The SAV/warestoration goal is not beir	zed on er clarity
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 47 of 94

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 Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-SOUMH-SELBY_BAY		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets		
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		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2016
SOUMH - South River Mesohaline	AA	Chesapeake Bay segment		Contaminated Sediments		
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-SOUMH- DUVALL_CREEK		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		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TME on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 48 of 94

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-WST-RHDMH-02131004		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2016
West River	AA	Chesapeake Bay segment		Contaminated Sediments	This listing applies to all of portion of watershed 0213	
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	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the previous nutrient listing for the whole of watershed 02131004.	
MD-WSTMH-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 Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met. This listing was split and now supersedes the previous Sediment/TSS listing for watershed 02131004.	
MD-WSTMH		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010. This listing the original nutrient listing 02131004.	g was split from
MD-WSTMH-WEST_RIVER		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
WSTMH - West River Mesohaline	AA	Tidal Shellfish Area		Manure Runoff		
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	The Chesapeake Bay TMI on 12/29/2010. This listing the previous nutrient listing of watershed 02131004.	g was split from

07-Nov-17 FINAL Category 4a Waters FINAL Page 49 of 94

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-Cadle_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
RHDMH - Rhode River Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets		
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	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the original nutrient listing for watershed 02131004.	
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	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the previous nutrient listing for the whole of watershed 02131004.	
MD-RHDMH- 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 the shellfish harvesting are TMDL was previously com	ea criteria. A
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		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the original nutrient listing for watershed 02131004.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 50 of 94

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		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline	AA	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010. This listing the original nutrient listing 02131004.	g was split from
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	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing was split from the previous nutrient listing for the whole of watershed 02131004.	
MD-CB4MH- TracyRockhold_Creeks		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
CB4MH - Middle Chesapeake Bay Mesohaline	AA	Tidal Shellfish Area		Wastes from Pets		
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-PAXMH- CUCKOLD_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline	SO	Tidal Shellfish Area		Manure Runoff		

07-Nov-17 FINAL Category 4a Waters FINAL Page 51 of 94

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- HARPER_PEARSON_CREE KS		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. Original to see if area was suitable 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-TOWN_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline	SM	Tidal Shellfish Area		Wastes from Pets		
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-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-MILL_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
PAXMH - Lower Patuxent River Mesohaline	СН	Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)		

07-Nov-17 FINAL Category 4a Waters FINAL Page 52 of 94

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_HAR BOR		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline	CV	Tidal Shellfish Area		Wastes from Pets		
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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-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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-021311010873- Lake_Lariat		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Patuxent River lower	CV	Impoundments		Atmospheric Deposition - Toxics		

07-Nov-17 FINAL Category 4a Waters FINAL Page 53 of 94

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-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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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 Chesapeake Bay TM this impairment, was finali 12/29/2010. SAV does no restoration goal. This listithe previous Sediment/TS watershed 02131101.	zed on ot meet the ng supersedes
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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 Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met. This listing captures the previous Sediment/TSS listing for watershed 02131101.	
MD-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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 54 of 94

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal Cycle Deliste
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes
MD-PAXMH- WASHINGTON_PERSIMMO N_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved 2006
PAXMH - Lower Patuxent River Mesohaline	SM	Tidal Shellfish Area		Manure Runoff	
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	The Chesapeake Bay TMDL was finalized on 12/29/2010.
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	The Chesapeake Bay TMDL was finalized on 12/29/2010.
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	The Chesapeake Bay TMDL was finalized 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	The Chesapeake Bay TMDL was finalized 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 Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.

07-Nov-17 FINAL Category 4a Waters FINAL Page 55 of 94

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	The Chesapeake Bay TMI this impairment, was finali 12/29/2010.	
MD-WBRTF		Aquatic Life and Wildlife	BOD, Biochemical oxygen demand	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-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	The Chesapeake Bay TMI the nutrient load allocation WBRTF segment. Howeve TMDL for Western Branch may still apply to this segr	s for the er, an older Patuxent River
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	The Chesapeake Bay TMI the nutrient load allocation WBRTF segment. Howeve TMDL for Western Branch may still apply to this segr	s for the er, an older Patuxent River
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	The Chesapeake Bay TMDL addresses the nutrient load allocations for the WBRTF segment. However, an older TMDL for Western Branch Patuxent River may still apply to this segment.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 56 of 94

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		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	The Chesapeake Bay TM the nutrient load allocation WBRTF segment. However TMDL for Western Branch may still apply to this segr	ns for the er, an older n Patuxent River
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-02131104-lower		Water Contact Sports	Escherichia 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 old Queen Anne's bridge confluence of the Patuxen Little Patuxent River.	road to the
MD-021311040938- Cash_Lake		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2012
Patuxent River upper	PG	Impoundments		Atmospheric Deposition - Toxics		
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 i sediment is a major stress biological integrity in this various for sediment address the biological impairment	sor affecting vatershed. The sses a portion of
MD-021311050955- Centennial_Lake		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2004
Little Patuxent River	НО	Impoundments		Agriculture		

07-Nov-17 FINAL Category 4a Waters FINAL Page 57 of 94

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	НО	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	Impoundments (Name of listing changed from Duckett Reservoir to proper name as Rocky Gorge Reservoir.	
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-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-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	The Chesapeake Bay TMI the nutrient load allocation CB1TF segment. Howeve TMDL may still apply to the portion of this segment.	s for the entire r, an older
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	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CB1TF segment. However, an older TMDL may still apply to the Swan Creek portion of this segment.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 58 of 94

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		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	The Chesapeake Bay TMI the nutrient load allocation CB1TF segment. Howeve TMDL may still apply to the portion of this segment.	s for the entire r, an older
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	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CB1TF segment. However, an older TMDL may still apply to the Swan Creek portion of this segment.	
MD-CB2OH		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	The Chesapeake Bay TMI the nutrient load allocation CB1TF segment. Howeve may still apply to the Fairle and Worton Creek portion segment.	s for the entire r, older TMDLs ee, Stillpond,
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	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire CB1TF segment. However, older TMDLs may still apply to the Fairlee, Stillpond, and Worton Creek portions of this segment.	
MD-CB2OH		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	The Chesapeake Bay TMI the nutrient load allocation CB1TF segment. Howeve may still apply to the Fairly and Worton Creek portion segment.	ns for the entire r, older TMDLs ee, Stillpond,

07-Nov-17 FINAL Category 4a Waters FINAL Page 59 of 94

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	The Chesapeake Bay TMI the nutrient load allocation CB1TF segment. However may still apply to the Fairle and Worton Creek portions segment.	s for the entire r, older TMDLs ee, Stillpond,	
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	The Chesapeake Bay TMI on 12/29/2010. This listing the previous nutrient listing watersheds 02139997, 02 02130505, and 02130511.	g incorporates gs from 139998,	
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	on 12/29/2010. This listing the previous nutrient listing watersheds 02139997, 02	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH-SWSAV		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 Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV is not meeting the restoration goal and there is insufficient water clarity.		
MD-CB3MH		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	The Chesapeake Bay TMI on 12/29/2010. This listing the previous nutrient listing watersheds 02139997, 02 02130505, and 02130511.	g incorporates gs from 139998,	

07-Nov-17 FINAL Category 4a Waters FINAL Page 60 of 94

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		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	The Chesapeake Bay TMI on 12/29/2010. This listing the previous nutrient listing watersheds 02139997, 02 02130505, and 02130511.	g incorporates gs from 139998,
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	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH		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	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH		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	The Chesapeake Bay TMI on 12/29/2010. This listing the previous nutrient listing watersheds 02139997, 02 02130505, and 02130511.	g incorporates gs from 139998,
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	The Chesapeake Bay TMI on 12/29/2010. This listing the previous nutrient listing watersheds 02139997, 02 02130505, and 02130511.	g incorporates gs from 139998,

07-Nov-17 FINAL Category 4a Waters FINAL Page 61 of 94

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		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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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 Chesapeake Bay TMI this impairment, was finali: 12/29/2010. SAV is not m restoration goal.	zed on
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 62 of 94

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	The Chesapeake Bay TMDL on 12/29/2010. This listing ophosphorus portion of the proutrient listings from watersh 02139998, 02130511, and 03	captures the revious neds
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	The Chesapeake Bay TMDL on 12/29/2010. This listing on itrogen portion of the previous listings from watersheds 021 02130511, and 02131005.	captures the ous nutrient
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	The Chesapeake Bay TMDL on 12/29/2010. This listing ophosphorus portion of the proutrient listings from watersh 02139998, 02130511, and 0200000000000000000000000000000000000	captures the revious neds
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	The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the phosphorus portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	
MD-CB4MH		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	The Chesapeake Bay TMDL on 12/29/2010. This listing on itrogen portion of the previous listings from watersheds 021 02130511, and 02131005.	captures the ous nutrient

07-Nov-17 FINAL Category 4a Waters FINAL Page 63 of 94

Assessment Unit	Basin Code	Designated Use	Cause	Indicator	Reason For Removal Cycle Deliste	
Basin Name	County	Water Type Detail	Percent Attributable Risk	Pollution Sources	Notes	
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	on 12/29/20 ² nitrogen port listings from		The Chesapeake Bay TMDL was finalized on 12/29/2010. This listing captures the nitrogen portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.		
MD-CB4MH-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 Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing captures the previous Sediment/TSS listings for watersheds 02130511 and 02131005.	
MD-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	PCB 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- Whites_Neck_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved 2006	
Potomac River Lower tidal	SM	Tidal Shellfish Area		Manure Runoff		

07-Nov-17 FINAL Category 4a Waters FINAL Page 64 of 94

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	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline	CH, SM	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI the nutrient load allocation POTMH segment. Howeve TMDL may still apply to th portion of this segment.	s for the entire er, an older
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	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.	
MD-POTMH		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	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.	
MD-POTMH		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline	CH, SM	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.	
MD-POTMH		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	The Chesapeake Bay TMI the nutrient load allocation POTMH segment. Howeve TMDL may still apply to th portion of this segment.	s for the entire er, an older

07-Nov-17 FINAL Category 4a Waters FINAL Page 65 of 94

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-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012	
POTMH - Lower Potomac River Mesohaline	CH, SM	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI the nutrient load allocation POTMH segment. Howeve TMDL may still apply to th portion of this segment.	s for the entire er, an older	
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	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.		
MD-POTMH-SWSAV		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 Chesapeake Bay TMI this impairment, was finali 12/29/2010. SAV does no restoration goal.	zed on	
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	the nutrient load allocation POTMH segment. However	The Chesapeake Bay TMDL addresses the nutrient load allocations for the entire POTMH segment. However, an older TMDL may still apply to the Breton Bay portion of this segment.	
MD-POTOH-TF-02140102		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2008	
Potomac River Middle Tidal	СН	Tidal subsegment		Upstream Source	TMDLs for the tidal portion Anacostia and Potomac R jointly developed between MD. These TMDLs addressing in these MD waters 02140101, 02140102, 02102140205.	ivers were VA, DC, and ssed tidal PCB sheds:	

07-Nov-17 FINAL Category 4a Waters FINAL Page 66 of 94

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	СН	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-POTOH1		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline	СН	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-POTOH1		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline	СН	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-POTOH1		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline	СН	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 67 of 94

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-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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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 embayn Inigoes Creek is still restri 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- 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. George	es Creek.
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. still exceeding the shellfis area criteria.	
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. shows the upstream portic Carthagena Creek as exc shellfish harvesting area of	on of eeding the
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		

07-Nov-17 FINAL Category 4a Waters FINAL Page 68 of 94

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. data shows that the shellf standard is not being met. been split as station 1302 meeting criteria while 130 to meet criteria (See MD-I St.Clements_Bay2).	ish bacteria This listing has 001 is now not 2004 continues
MD-POTMH- ST.PATRICKS_CREEK		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline	SM	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-POTMH- Charleston_Creek		Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline	СН	Tidal Shellfish Area		Manure Runoff		
MD-POTOH2		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline	СН	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the POTOH2 segment. However, an older TMDL for Port Tobacco may still apply to this segment.	
MD-POTOH2		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline	СН	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the POTOH2 segment. However, an older TMDL for Port Tobacco may still apply to this segment.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 69 of 94

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-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline	СН	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI this impairment, was finali. 12/29/2010. The SAV/wat has not been met for this s	zed on er clarity goal
MD-POTOH2		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline	СН	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMI the nutrient load allocation POTOH2 segment. Howev TMDL for Port Tobacco m this segment.	s for the ver, an older
MD-POTOH2		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline	СН	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL addresses the nutrient load allocations for the POTOH2 segment. However, an older TMDL for Port Tobacco may still apply to this segment.	
МД-РОТОНЗ		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek	СН	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-POTOH3		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek	СН	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized
MD-POTOH3		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek	СН	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 70 of 94

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-POTOH3-SWSAV		Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POTOH3 - Nanjemoy Creek	СН	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TM this impairment, was finali 12/29/2010. The SAV/wa has not been met for this	zed on ter clarity goal
MD-POTOH3		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek	СН	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
MD-MATTF		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh	СН	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TM the nutrient load allocation Mattawoman River. Howe TMDL may still apply to the	ns for the ever, an older
MD-MATTF		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh	СН	Chesapeake Bay segment		Urban Runoff/Storm Sewers	The Chesapeake Bay TM the nutrient load allocation Mattawoman River. Howe TMDL may still apply to the	ns for the ever, an older
MD-MATTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh	СН	Chesapeake Bay segment		Urban Runoff/Storm Sewers	The Chesapeake Bay TM the nutrient load allocation Mattawoman River. Howe TMDL may still apply to the	ns for the ever, an older
MD-MATTF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh	СН	Chesapeake Bay segment		Agriculture	The Chesapeake Bay TM the nutrient load allocation Mattawoman River. Howe TMDL may still apply to the	ns for the ever, an older

07-Nov-17 FINAL Category 4a Waters FINAL Page 71 of 94

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-POTTF-02140201		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2008
Potomac River Upper tidal	PG, CH	Tidal subsegment		Upstream Source	TMDLs for the tidal portion Anacostia and Potomac R jointly developed between MD. These TMDLs addre listings in these MD water 02140101, 02140102, 021 02140205.	tivers were VA, DC, and ssed tidal PCB sheds:
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
MD-02140203		Water Contact Sports	Escherichia 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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized
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	The Chesapeake Bay TM on 12/29/2010.	DL was finalized

07-Nov-17 FINAL Category 4a Waters FINAL Page 72 of 94

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 Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012	
PISTF - Piscataway Creek tidal Fresh	PG	Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMI on 12/29/2010.	DL was finalized	
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 Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing supersedes the previous Sediment/TSS listing for watershed 02140203.		
MD-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)			
MD-ANATF-02140205		Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2008	
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Upstream Source	Anacostia and Potomac R jointly developed between MD. These TMDLs addre listings in these MD water	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		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.		

07-Nov-17 FINAL Category 4a Waters FINAL Page 73 of 94

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.	Nitrogen (Total)	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL betw was developed for impairr TP, and BOD.	
MD-02140205-Mainstem2		Fishing	Polychlorinated biphenyls	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	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2009
Anacostia River	MO, PG	Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		
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		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.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 74 of 94

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.	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2010	
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL betw was developed for impairn TP, and BOD.		
MD-02140205		Water Contact Sports	Debris/Floatables/Trash	Direct Measurement	TMDL approved	2012	
Anacostia River	MO, PG	Non-tidal 8-digit watershed		Inappropriate Waste Disposal			
MD-ANATF		Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Direct Measurement	TMDL approved	2010	
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD.		
MD-ANATF		Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Direct Measurement	TMDL approved	2010	
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL betw was developed for impairn TP, and BOD.		
MD-ANATF		Open-Water Fish and Shellfish Subcategory	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2010	
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)		In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD.	
MD-02140205		Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2008	
Anacostia River	MO, PG	Non-tidal 8-digit watershed		Wastes from Pets			

07-Nov-17 FINAL Category 4a Waters FINAL Page 75 of 94

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 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. TMDL approved by EPA on 7/24/07.	
MD-ANATF		Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD.	
MD-ANATF		Water Contact Sports	Debris/Floatables/Trash	Direct Measurement	TMDL approved	2012
ANATF - Anacostia River Tidal Fresh	PG	Chesapeake Bay segment		Inappropriate Waste Disposal		
MD-02140206		Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2014
Rock Creek	МО	Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		
MD-02140206		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Rock Creek	МО	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	МО	Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		

07-Nov-17 FINAL Category 4a Waters FINAL Page 76 of 94

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-02140207		Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2008
Cabin John Creek	МО	Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-02140207		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2011
Cabin John Creek	МО	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-02140208		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2011
Seneca Creek	МО	Non-tidal 8-digit watershed	16%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. The TMDL for TSS addresses a portion of the biological impairment listing.	
MD-021402080857- Clopper_Lake		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2002
Seneca Creek	МО	Impoundments		Urban Runoff/Storm Sewers		
MD-021402080857- Clopper_Lake		Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
Seneca Creek	МО	Impoundments		Urban Runoff/Storm Sewers		
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.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 77 of 94

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-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		Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009	
Lower Monocacy River	CR, FR, MO	Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)			
MD-02140302- LAKE_LINGANORE		Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2004	
Lower Monocacy River	FR	Impoundments		Municipal Point Source Discharges			
MD-02140302- LAKE_LINGANORE		Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2004	
Lower Monocacy River	FR	Impoundments		Agriculture			
MD-02140303		Water Contact Sports	Escherichia 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	excess sediments (TSS) a stressor affecting biologica watershed. The TMDL and	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-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.		

07-Nov-17 FINAL Category 4a Waters FINAL Page 78 of 94

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-02140304		Water Contact Sports	Escherichia 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.		
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-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)	excess phosphorus is a m affecting biological integrity	The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
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.		

07-Nov-17 FINAL Category 4a Waters FINAL Page 79 of 94

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-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.	
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		Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Antietam Creek	WA	Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		
MD-02140504		Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Conococheague Creek	WA	Non-tidal 8-digit watershed		Wastes from Pets		
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-021410020107- Lake_Habeeb		Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2000
Evitts Creek	AL	Impoundments		Agriculture		

07-Nov-17 FINAL Category 4a Waters FINAL Page 80 of 94

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-02141002		Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008	
Evitts Creek	AL	Non-tidal 8-digit watershed	37%	Agriculture	TSS is a major stressor a biological integrity in this to TMDL for TSS thus addre	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-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-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	TSS is a major stressor at biological integrity in this value. TMDL for TSS addresses	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-02141003		Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2008	
Wills Creek	AL, GA	Non-tidal 8-digit watershed		Combined Sewer Overflows			
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 dow cross Sugar Row Road.	nstream and	
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.		

07-Nov-17 FINAL Category 4a Waters FINAL Page 81 of 94

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-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.	
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-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-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		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.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 82 of 94

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-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.	
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-02141004		Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2008
Georges Creek	AL, GA	Non-tidal 8-digit watershed		Combined Sewer Overflows		
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 TM Biostressor analysis indica is a major stressor affection integrity in this watershed replaces the biological list	ates that low pH ng biological . This listing
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.	

07-Nov-17 FINAL Category 4a Waters FINAL Page 83 of 94

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-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 i low pH is a major stressor biological integrity in this v TMDLs for pH address a p biological impairment listin	affecting vatershed. The portion of the
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-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	Aluminum	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River	GA	Subwatershed		Acid Mine Drainage		
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 i low pH is a major stressor biological integrity in this v TMDLs for pH address a p biological impairment listir	affecting vatershed. The portion of the
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 i low pH is a major stressor biological integrity in this v TMDLs for pH address a p biological impairment listin	affecting watershed. The portion of the

07-Nov-17 FINAL Category 4a Waters FINAL Page 84 of 94

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-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 i low pH is a major stressor biological integrity in this v TMDLs for pH address a pbiological impairment listing	affecting vatershed. The portion of the
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- 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 i low pH is a major stressor biological integrity in this v TMDLs for pH address a pbiological impairment listing	affecting vatershed. The portion of the
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 i low pH is a major stressor biological integrity in this v TMDLs for pH address a p biological impairment listir	affecting vatershed. The portion of the

07-Nov-17 FINAL Category 4a Waters FINAL Page 85 of 94

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-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-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 in low pH is a major stressor biological integrity in this w TMDLs for pH address a p biological impairment listin	affecting vatershed. The portion of the
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 in low pH is a major stressor biological integrity in this w TMDLs for pH address a p biological impairment listin	affecting vatershed. The portion of the
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_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 out from the mainstem low assessment record (2014) fact that this segment requ to confirm delisting.	pH to reflect the
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 out from the mainstem low assessment record (2014) fact that this segment requ to confirm delisting.	pH to reflect the

07-Nov-17 FINAL Category 4a Waters FINAL Page 86 of 94

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-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-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-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-021410060078- Miller_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-021410060078-Big_Run		Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River	GA	Non-tidal Segment(s)		Atmospheric Deposition - Acidity		
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 from the previous aggrega impairment listing for the Y The size of water listed as addressed in the TMDL ha	ted pH ′oughiogheny. impaired and

07-Nov-17 FINAL Category 4a Waters FINAL Page 87 of 94

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-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 a from the previous aggregat impairment listing for the Young The size of water listed as addressed in the TMDL has	ed pH oughiogheny. impaired and
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 in excess sediment is a major affecting biological integrity watershed. The TMDL and sediment addresses a portibiological impairment listing	stressor in this listing for on of the
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 a from the previous aggregated impairment listing for the Young The size of water listed as addressed in the TMDL has	ed pH oughiogheny. impaired and
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 a from the previous aggregated impairment listing for the Young The size of water listed as addressed in the TMDL has	ed pH oughiogheny. impaired and
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 a from the previous aggregat impairment listing for the Young The size of water listed as addressed in the TMDL has	ed pH oughiogheny. impaired and

07-Nov-17 FINAL Category 4a Waters FINAL Page 88 of 94

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-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 from the previous aggregatimpairment listing for the The size of water listed as addressed in the TMDL has a specific to the triangle of	ated pH Youghiogheny. s impaired and
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-050202010002- Cherry_Creek		Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Youghiogheny River	GA	Non-tidal Segment(s)		Livestock (Grazing or Feeding Operations)	listing is for upstream of s	tation CHC0008
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.	
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 from the previous aggregatimpairment listing for the The size of water listed as addressed in the TMDL has a size of the things of the thing	ated pH Youghiogheny. s impaired and

07-Nov-17 FINAL Category 4a Waters FINAL Page 89 of 94

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-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 a from the previous aggregat impairment listing for the Young the size of water listed as addressed in the TMDL has	ed pH oughiogheny. impaired and
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 a from the previous aggregat impairment listing for the Young the size of water listed as addressed in the TMDL has	ed pH oughiogheny. impaired and
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 a from the previous aggregat impairment listing for the Young The size of water listed as addressed in the TMDL has	ed pH oughiogheny. impaired and
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 a from the previous aggregat impairment listing for the Young The size of water listed as addressed in the TMDL has	ed pH oughiogheny. Impaired and
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 a from the previous aggregat impairment listing for the Y. The size of water listed as addressed in the TMDL has	ed pH oughiogheny. impaired and

07-Nov-17 FINAL Category 4a Waters FINAL Page 90 of 94

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- 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 from the previous aggregating and impairment listing for the The size of water listed as addressed in the TMDL has a size of the things of the TMDL has a size of the TMDL has a size of the things	ated pH Youghiogheny. s impaired and
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 from the previous aggregating for the The size of water listed as addressed in the TMDL has a size of the the things of the the things of th	ated pH Youghiogheny. s impaired and
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 from the previous aggregating for the The size of water listed as addressed in the TMDL has a size of the the things of the the things of th	ated pH Youghiogheny. s impaired and
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 from the previous aggregating for the The size of water listed as addressed in the TMDL has a size of the the things of the the things of th	ated pH Youghiogheny. s impaired and
MD-05020202026- 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	BOD, nitrogenous	Direct Measurement	TMDL approved	2002
Little Youghiogheny River	GA	Non-tidal 8-digit watershed		Municipal Point Source Discharges		

07-Nov-17 FINAL Category 4a Waters FINAL Page 91 of 94

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-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		Aquatic Life and Wildlife	BOD, carbonaceous	Direct Measurement	TMDL approved	2002
Little Youghiogheny River	GA	Non-tidal 8-digit watershed		Municipal Point Source Discharges		
MD-05020202		Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Little Youghiogheny River	GA	Non-tidal 8-digit watershed		On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)		
MD-05020203- Deep_Creek_Lake		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Deep Creek Lake	GA	Impoundments		Atmospheric Deposition - Toxics		
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 in low pH is a major stressor biological integrity in Cherr TMDL for pH in Cherry Creportion of the biological im	affecting ry Creek. The eek addresses a
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 from the previous watersh. The size of water listed as addressed in the TMDL ha The BSID indicated that pl stressor to biological integ watershed.	ed pH listing. impaired and is not changed. H is a major

07-Nov-17 FINAL Category 4a Waters FINAL Page 92 of 94

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-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 from the previous watersh The size of water listed as addressed in the TMDL had the BSID indicated that p stressor to biological integwatershed.	ed pH listing. impaired and as not changed. H is a major
MD-050202040031- SouthBranch_Casselman_Ri ver1		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 from the previous watersh The size of water listed as addressed in the TMDL had the BSID indicated that p stressor to biological integwatershed.	ed pH listing. impaired and as not changed. H is a major
MD-050202040034- Spiker_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 from the previous watersh The size of water listed as addressed in the TMDL had the BSID indicated that p stressor to biological integwatershed.	ed pH listing. impaired and as not changed. H is a major
MD-050202040032- Tarkiln_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 from the previous watersh The size of water listed as addressed in the TMDL had the BSID indicated that p stressor to biological integwatershed.	ed pH listing. impaired and as not changed. H is a major

07-Nov-17 FINAL Category 4a Waters FINAL Page 93 of 94

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-050202040038- Big_Piney_Reservoir		Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Casselman River	GA	Impoundments		Atmospheric Deposition - Toxics		
MD-050202040030- NorthBranch_Casselman_Riv er		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 from the previous watersh The size of water listed as addressed in the TMDL had The BSID indicated that pistressor to biological integwatershed.	ed pH listing. impaired and as not changed. H is a major
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	This listing was split out in from the previous watersh The size of water listed as addressed in the TMDL had The BSID indicated that postressor to biological integwatershed.	ed pH listing. impaired and as not changed. H is a major
MD-050202040032- Alexander_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 from the previous watersh The size of water listed as addressed in the TMDL had The BSID indicated that postressor to biological integwatershed.	ed pH listing. impaired and as not changed. H is a major

07-Nov-17 FINAL Category 4a Waters FINAL Page 94 of 94