F.7 Category 5 Waters

Maryland's 2012 Final Integrated Report - Category 5 Waters

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Sources	Priority / Notes	TMDL In 2 Years
2002	MD-02120201 Lower Susquehanna River	CE, HA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2002	MD-CB1TF-02120201 Lower Susquehanna River	CE, HA	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	High This listing only applies to the tidal Lower Susquehanna portion (02120201) of CB1TF.	Yes
1996	MD-02120204 Conowingo Dam Susquehanna River	CE, HA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total)	Dissolved Oxygen Source Unknown	Low This assessment only applies to the tributaries to the Conowingo Pool and not to the Conowingo Pool itself.	No
2008	MD-02120204-Conowingo_Pool Conowingo Dam Susquehanna River	CE, HA	Fishing Impoundments	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium This assessment applies to the impounded portion of the Susquehanna behind Conowing Dam.	No
1996	MD-02120204 Conowingo Dam Susquehanna River	CE, HA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	Habitat Evaluation Source Unknown	Low This assessment only applies to the tributaries to the Conowingo Pool and not to the Conowingo Pool itself.	No
1996	MD-02130102-T-ASSAWOMAN_BAY Assawoman Bay	WO	Aquatic Life and Wildlife Coastal Bay	Phosphorus (Total)	Dissolved Oxygen Agriculture	High	Yes
1996	MD-02130102-T-GREYS_CREEK Assawoman Bay	WO	Aquatic Life and Wildlife Coastal Bay	Nitrogen (Total)	Dissolved Oxygen Source Unknown	High	Yes
1996	MD-02130102-T-ASSAWOMAN_BAY Assawoman Bay	WO	Aquatic Life and Wildlife Coastal Bay	Nitrogen (Total)	Dissolved Oxygen Agriculture	High	Yes

Cycle First Listed	Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Sources	Priority Notes	TMDL In 2 Years
1996	MD-02130102-T-GREYS_CREEK Assawoman Bay	WO	Aquatic Life and Wildlife Coastal Bay	Phosphorus (Total)	Dissolved Oxygen Source Unknown	High	Yes
1996	MD-02130103-T-MANKLIN_CREEK Isle of Wight Bay	WO	Aquatic Life and Wildlife Coastal Bay	Phosphorus (Total)	Dissolved Oxygen Source Unknown	High	Yes
1996	MD-02130103-T-ISLE_OF_WIGHT_BAY Isle of Wight Bay	WO	Aquatic Life and Wildlife Coastal Bay	Nitrogen (Total)	Dissolved Oxygen Agriculture	High	Yes
1996	MD-02130103-T-ISLE_OF_WIGHT_BAY Isle of Wight Bay	WO	Aquatic Life and Wildlife Coastal Bay	Phosphorus (Total)	Dissolved Oxygen Agriculture	High	Yes
1996	MD-02130103-T-MANKLIN_CREEK Isle of Wight Bay	WO	Aquatic Life and Wildlife Coastal Bay	Nitrogen (Total)	Dissolved Oxygen Source Unknown	High	Yes
1996	MD-02130104-T Sinepuxent Bay	WO	Aquatic Life and Wildlife Coastal Bay	Nitrogen (Total)	Dissolved Oxygen Source Unknown	High	Yes
1996	MD-02130104-T Sinepuxent Bay	WO	Aquatic Life and Wildlife Coastal Bay	Phosphorus (Total)	Dissolved Oxygen Source Unknown	High	Yes
1996	MD-02130105-T-MARSHALL_CREEK Newport Bay	WO	Aquatic Life and Wildlife Coastal Bay	Nitrogen (Total)	Dissolved Oxygen Source Unknown	High	Yes
1996	MD-02130105-T-MARSHALL_CREEK Newport Bay	WO	Aquatic Life and Wildlife Coastal Bay	Phosphorus (Total)	Dissolved Oxygen Source Unknown	High	Yes
1996	MD-02130106-T Chincoteague Bay	WO	Aquatic Life and Wildlife Coastal Bay	Nitrogen (Total)	Dissolved Oxygen Source Unknown	High	Yes

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1996	MD-02130106-T Chincoteague Bay	WO	Aquatic Life and Wildlife Coastal Bay	Phosphorus (Total)	Dissolved Oxygen Source Unknown	High	Yes
2008	MD-POCOH-TF-02130202 Lower Pocomoke River	WO, SO	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium This listing only applies to the Lower Pocomoke River (02130202) watershed	No
2004	MD-02130202 Lower Pocomoke River	WO, SO	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
1996	MD-02130203 Upper Pocomoke River	WI, WO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total) 94%	Dissolved Oxygen Agriculture	Low The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
1996	MD-02130203 Upper Pocomoke River	WI, WO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS) 84%	Habitat Evaluation Agriculture	Low The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2012	MD-TANMH-Daugherty_Creek TANMH - Tangier Sound Mesohaline	SO	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Medium	No
2012	MD-TANMH TANMH - Tangier Sound Mesohaline	DO, SO	Aquatic Life and Wildlife Chesapeake Bay segment	Cause Unknown	Benthic IBI Source Unknown	Low	No
2008	MD-WICMH-02130301 Lower Wicomico River	WI, SO	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	High This listing only applies to the Lower Wicomico River (02130301) watershed	No

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Sources	Priority / Notes	TMDL In 2 Years
2010	MD-WICMH-WICOMICO_RIVER_2	WI, SO	Shellfishing	Fecal Coliform	Direct Measurement	Low	No
	WICMH - Wicomico River Mesohaline		Tidal Shellfish Area		Source Unknown	This area is an extension of AU MD-WICMH-WICOMICO_RIVER. The TMDL for AU MD-WICMH-WICOMICO_RIVER did not cover this additional area.	
2002	MD-02130301	WI, SO	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Lower Wicomico River		1st thru 4th order streams		Source Unknown		
2004	MD-02130305	CA, DO, WI	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Nanticoke River		1st thru 4th order streams		Source Unknown		
2008	MD-NANMH-OH-TF-02130305	DO, WI	Fishing	PCB in Fish Tissue	Direct Measurement	Medium	No
	NANMH - Lower Nanticoke River Mesohaline		Chesapeake Bay segment		Contaminated Sediments		
2012	MD-02130306	CA, DO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	Low	No
	Marshyhope Creek		1st thru 4th order streams	32%	Agriculture	The Biostressor analysis indicated that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2012	MD-02130308	DO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	Low	No
	Transquaking River		1st thru 4th order streams	59%	Agriculture	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2012	MD-LCHMH-Little_Choptank_River	DO	Shellfishing	Fecal Coliform	Direct Measurement	Medium	No
	LCHMH - Little Choptank River Mesohaline		Tidal Shellfish Area		Source Unknown		

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2010	MD-CHOMH2-LOWER_CHOPTANK_RIVER_MAINSTEM2	TA, DO	Shellfishing	Fecal Coliform	Direct Measurement	Low	No
	CHOMH2 - Choptank River Mesohaline mouth 2		Tidal Shellfish Area		Source Unknown	This is a new listing that adds an additional chunk of impaired water onto the original shellfish listing for the mainstem Choptank. This area was not covered under the previous TMDL.	
2010	MD-CHOMH1	TA, DO	Aquatic Life and Wildlife	Cause Unknown	Benthic IBI	Low	No
	CHOMH1 - Choptank River Mesohaline mouth 1		Chesapeake Bay segment		Source Unknown		
2008	MD-CHOMH1-2-02130403	TA, DO	Fishing	PCB in Fish Tissue	Direct Measurement	Medium	No
	CHOMH2 - Choptank River Mesohaline mouth 2		Tidal subsegment		Contaminated Sediments		
2012	MD-CHOMH1-Broad_Creek	TA	Shellfishing	Fecal Coliform	Direct Measurement	Medium	No
	Lower Choptank River		Tidal Shellfish Area		Source Unknown	This is a new area that is no longer meeting shellfish harvesting criteria.	
2012	MD-02130403	TA, DO, CA	Aquatic Life and Wildlife	Phosphorus (Total)	Direct Measurement	Low	No
	Lower Choptank River		1st thru 4th order streams	84%	Agriculture	The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2012	MD-02130403	TA, DO, CA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	Low	No
	Lower Choptank River		1st thru 4th order streams	79%	Agriculture	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2012	MD-CHOMH2-Jenkins_Creek	DO	Shellfishing	Fecal Coliform	Direct Measurement	Medium	No
	Lower Choptank River		Tidal Shellfish Area		Source Unknown	TMDL was accepted for WQA concurrence.	

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2012	MD-CHOMH1-San_Domingo_Creek_mainstem	TA	Shellfishing	Fecal Coliform	Direct Measurement	Medium	No
	Lower Choptank River		Tidal Shellfish Area		Source Unknown	This record represents an additional portion of San Domingo Creek not covered under the previously developed TMDL.	
2012	MD-CHOMH1-Edge_Creek	TA	Shellfishing	Fecal Coliform	Direct Measurement	Medium	No
	Lower Choptank River		Tidal Shellfish Area		Source Unknown	Recent data shows that this area is not meeting the shellfish harvesting water quality criteria.	
2012	MD-02130404	TA, QA, CA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	Low	No
	Upper Choptank River		1st thru 4th order streams	70%	Agriculture	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2012	MD-EASMH	QA, TA	Aquatic Life and Wildlife	Cause Unknown	Benthic IBI	Low	No
	EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown		
2002	MD-02130509	KE, QA	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	High	Yes
	Middle Chester River		1st thru 4th order streams		Source Unknown		
2012	MD-02130510	KE, QA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	Low	No
	Upper Chester River		1st thru 4th order streams	33%	Agriculture	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2010	MD-ELKOH	CE	Aquatic Life and Wildlife	Cause Unknown	Benthic IBI	Low	No
	ELKOH - Elk River Oligohaline		Chesapeake Bay segment		Source Unknown		

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2002	MD-ELKOH ELKOH - Elk River Oligohaline	CE	Fishing Chesapeake Bay segment	PCB in Fish Tissue	Direct Measurement Source Unknown	High This listing now incorporates the Little, Lower, and Upper portions of the Elk (watersheds 02130601, 02130603, 02130605). These listings were aggregated since they were hydrologically connected.	Yes
2002	MD-C&DOH C&DOH - C&D Canal Oligohaline	CE	Fishing Chesapeake Bay segment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	High	Yes
2002	MD-BSHOH BSHOH - Bush River Oligohaline	HA	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium The area assessed as impaired for PCBs does not include Romney Creek as no fish tissue data has yet been collected there and it is hydrologically not connected to Bush River proper.	No
2002	MD-02130701 Bush River	HA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
1998	MD-021307021130-Edgewater_Village_Lake Lower Winters Run	HA	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Source Unknown	Low Phosphorus loading analysis was conducted in 2003. A load reduction of 90% was determined not feasible given the use i.e., storm water management pond. Therefore, a UAA is being considered and is pending.	No
2002	MD-02130702 Lower Winters Run	HA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2002	MD-02130703 Atkisson Reservoir	HA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
1996	MD-021307031132-Atkisson_Reservoir Atkisson Reservoir	HA	Water Contact Sports Impoundments	Sedimentation/siltation	Unknown Source Unknown	Low	No

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Sources	Priority / Notes	TMDL In 2 Years
2002	MD-02130705 Aberdeen Proving Ground	HA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
1996	MD-CB1TF-02130705 Aberdeen Proving Ground	HA	Aquatic Life and Wildlife Tidal subsegment	Toxics	Direct Measurement Source Unknown	Medium This listing only applies to the tidal Aberdeen Proving Grounds (02130705) portion of CB1TF.	No
2002	MD-02130706 Swan Creek	HA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2006	MD-GUNOH-02130801 Gunpowder River	HA, BA	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Source Unknown	Medium This listing only applies to the Gunpowder River portion of GUNOH. Note: Seneca Creek is not included as part of this listing since it is not hydrologically connected to the Gunpowder.	No
2012	MD-02130802 Lower Gunpowder Falls	BA	Aquatic Life and Wildlife 1st thru 4th order streams	Total Suspended Solids (TSS) 61%	Habitat Evaluation Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2012	MD-02130802 Lower Gunpowder Falls	BA	Aquatic Life and Wildlife 1st thru 4th order streams	Chlorides 45%	Direct Measurement Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2012	MD-02130802 Lower Gunpowder Falls	BA	Aquatic Life and Wildlife 1st thru 4th order streams	Sulfates 46%	Direct Measurement Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No

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1996	MD-02130802 Lower Gunpowder Falls	BA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total)	Dissolved Oxygen Source Unknown	Medium Monitoring completed for this area. Waiting on Chesapeake Bay Phase 5 model and VIMS work on model development.	No
2008	MD-GUNOH-02130803 Bird River	BA	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium This listing only applies Bird River (02130803).	No
2002	MD-02130805 Loch Raven Reservoir	BA, CR	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2006	MD-MIDOH-02130807 Middle River - Browns	BA	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium This listing only applies to the Middle River (02130807) portion of MIDOH.	No
2012	MD-02130901 Back River	BA, BC	Aquatic Life and Wildlife 1st thru 4th order streams	Chlorides 83%	Direct Measurement Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
1998	MD-BACOH BACOH - Back River Oligohaline	BA	Aquatic Life and Wildlife Chesapeake Bay segment	Polychlorinated biphenyls	Direct Measurement Contaminated Sediments	Medium	No
2012	MD-02130901 Back River	BA, BC	Aquatic Life and Wildlife 1st thru 4th order streams	Total Suspended Solids (TSS) 85%	Habitat Evaluation Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2012	MD-02130901 Back River	BA, BC	Aquatic Life and Wildlife 1st thru 4th order streams	Sulfates 96%	Direct Measurement Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Sources	Priority / Notes	TMDL In 2 Years
2008	MD-BACOH BACOH - Back River Oligohaline	BA	Fishing Chesapeake Bay segment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium	No
1996	MD-PATMH-Bodkin_Creek PATMH - Patapsco River Mesohaline	AA	Aquatic Life and Wildlife Tidal subsegment	Copper	Direct Measurement Source Unknown	Low This listing only applies to the Bodkin Creek (02130902) portion of PATMH. NOTE: Bodkin Creek was inadvertently delisted for copper in 2006. The listing category was being changed back to 5.	No
2004	MD-PATMH PATMH - Patapsco River Mesohaline	AA, BA, BC	Aquatic Life and Wildlife Chesapeake Bay segment	Cause Unknown	Benthic IBI Source Unknown	Low	No
1998	MD-PATMH-02130903 Baltimore Harbor Watershed	AA, BA, BC	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium Originally this PCB listing was due to sediment data, not fish tissue. However, newer fish tissue data has supplanted the old sediment data. This listing only applies to the Baltimore Harbor (02130903) portion of PATMH.	No
2002	MD-02130903 Baltimore Harbor	AA, BA, BC	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	High	Yes
1998	MD-PATMH-Northwest_Branch PATMH - Patapsco River Mesohaline	BC	Aquatic Life and Wildlife Tidal subsegment	Lead -sediments	Direct Measurement Source Unknown	Medium WQA approved January 18, 2005 for the Inner Harbor/Northwest Branch. However, results were deemed inconclusive. Additional study is warranted.	No
2012	MD-02130903-Stansbury_Pond Baltimore Harbor Watershed	BA	Fishing Impoundments	PCB in Fish Tissue	Direct Measurement Source Unknown	Low	No

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Sources	Priority / Notes	TMDL In 2 Years
1998	MD-PATMH-BEAR_CREEK	BA	Aquatic Life and Wildlife	PCBs - sediments and fish tissue	Direct Measurement	Medium	No
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Source Unknown	This PCB listing was due to sediment data, not fish tissue.	
1998	MD-PATMH-CURTIS_BAY_CREEK	AA, BC	Aquatic Life and Wildlife	PCBs - sediments and fish tissue	Direct Measurement	Medium	No
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Source Unknown	This PCB listing was due to sediment data, not fish tissue.	
1998	MD-PATMH-BEAR_CREEK	BA	Aquatic Life and Wildlife	Chromium - sediments	Direct Measurement	Medium	No
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Industrial Point Source Discharge	WQA approved January 18, 2005 for the Inner Harbor/Northwest Branch and Bear Creek. Sediment ingestion study confirmed results of WQA. However, the Dept. anticipates receiving additional Cr data and therefore will postpone any delisting action.	
1998	MD-PATMH-CURTIS_BAY_CREEK	AA, BC	Aquatic Life and Wildlife	Zinc - sediments	Direct Measurement	Medium	No
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Source Unknown		
1998	MD-PATMH-Middle_Harbor	BC	Aquatic Life and Wildlife	Zinc - sediments	Direct Measurement	Medium	No
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Source Unknown	This listing only applies to the Middle Harbor portion of PATMH.	
1998	MD-PATMH-BEAR_CREEK	BA	Aquatic Life and Wildlife	Zinc - sediments	Direct Measurement	Medium	No
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Source Unknown	WQA completed January 18, 2005 for the Inner Harbor/Northwest Branch and Bear Creek. However, results were deemed inconclusive. Additional study is warranted.	
2010	MD-PATMH-MiddleBranch_NorthwestHarbor	BC	Water Contact Sports	Enterococcus	Direct Measurement	Low	No
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Source Unknown	This listing currently applies to all tidal waters upstream of the Harbor Tunnel. However, more analysis is warranted to further refine the spatial extent of bacterial impairment.	

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1998	MD-PATMH-Northwest_Branch	BC	Aquatic Life and Wildlife	Zinc - sediments	Direct Measurement	Medium	No
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Source Unknown	WQA completed January 18, 2005 for Inner Harbor/Northwest Branch. However, results were deemed inconclusive. Additional study is warranted.	
2008	MD-PATMH-MiddleBranch_NorthwestHarbor	AA, BA, BC	Water Contact Sports	Debris/Floatables/Trash	Direct Measurement	High	Yes
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Inappropriate Waste Disposal	Listing only applies to the Middle Branch from the mouth (Ferry Bar Park to Harbor Hospital Center) extending westward and the Northwest Branch from the Hull Street Pier to Canton Waterfront Park.	
1998	MD-PATMH-Northwest_Branch	BC	Aquatic Life and Wildlife	Chromium - sediments	Direct Measurement	Medium	No
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Industrial Point Source Discharge	WQA approved January 18, 2005 for the Inner Harbor/Northwest Branch and Bear Creek. Sediment ingestion study confirmed results of WQA. However, the Dept. anticipates receiving additional Cr data and therefore will postpone any delisting action.	
2010	MD-02130904	BA, BC	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Jones Falls		Non-tidal 8-digit watershed	95%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2002	MD-02130904-Lake_Roland	BA	Fishing	PCB in Fish Tissue	Direct Measurement	High	Yes
	Jones Falls		Impoundments		Contaminated Sediments		
2010	MD-02130904	BA, BC	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Jones Falls		Non-tidal 8-digit watershed	56%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	

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2010	MD-02130905	BA, BC	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Gwynns Falls		Non-tidal 8-digit watershed	76%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2010	MD-02130906	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Patapsco River Lower North Branch		Non-tidal 8-digit watershed	79%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2010	MD-02130906	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Patapsco River Lower North Branch		Non-tidal 8-digit watershed	78%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
1996	MD-02130907-Liberty_Reservoir	BA, CR	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	High	Yes
	Liberty Reservoir		Impoundments		Source Unknown		
2002	MD-02130907-Liberty_Reservoir	BA, CR	Fishing	Mercury in Fish Tissue	Direct Measurement	High	Yes
	Liberty Reservoir		Impoundments		Atmospheric Deposition - Toxics		
2012	MD-02130907	BA, CR	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Liberty Reservoir		1st thru 4th order streams	55%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
1996	MD-02130907-Liberty_Reservoir	BA, CR	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	High	Yes
	Liberty Reservoir		Impoundments		Source Unknown		

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2002	MD-02130908 South Branch Patapsco River	CR, HO	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2004	MD-MAGMH MAGMH - Magothy River Mesohaline	AA	Aquatic Life and Wildlife Chesapeake Bay segment	Cause Unknown	Benthic IBI Source Unknown	Low	No
2002	MD-02131001 Magothy River	AA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2006	MD-MAGMH MAGMH - Magothy River Mesohaline	AA	Fishing Chesapeake Bay segment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	High This listing captures the previous PCBs listing for watershed 02131001.	Yes
2012	MD-MAGMH-Deep_Creek MAGMH - Magothy River Mesohaline	AA	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Medium Previously, a WQA was completed and approved for this area. New data shows that shellfish harvesting bacteria criteria are not being met.	No
2002	MD-02131002 Severn River	AA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2008	MD-SEVMH SEVMH - Severn River Mesohaline	AA	Aquatic Life and Wildlife Chesapeake Bay segment	Cause Unknown	Benthic IBI Source Unknown	Low	No
2006	MD-SEVMH SEVMH - Severn River Mesohaline	AA	Fishing Chesapeake Bay segment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	High Newer data suggest that PCB levels are down. However, more data is needed to confirm. This listing only includes the Severn mainstem, not Whitehall or Mill Creek.	Yes
2008	MD-SOUMH SOUMH - South River Mesohaline	AA	Aquatic Life and Wildlife Chesapeake Bay segment	Cause Unknown	Benthic IBI Source Unknown	Low	No

Cycle First Listed	Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Sources	Priority Notes	TMDL In 2 Years
2002	MD-SOUMH SOUMH - South River Mesohaline	AA	Fishing Chesapeake Bay segment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	High	Yes
2002	MD-02131003 South River	AA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2012	MD-02131004 West River	AA	Aquatic Life and Wildlife 1st thru 4th order streams	Sulfates 63%	Direct Measurement Atmospheric Deposition - Toxics	Low The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2012	MD-02131004 West River	AA	Aquatic Life and Wildlife 1st thru 4th order streams	Total Suspended Solids (TSS) 90%	Habitat Evaluation Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2006	MD-WST-RHDMH-02131004 West River	AA	Fishing Chesapeake Bay segment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	High This listing applies to all of the tidal portion of watershed 02131004.	Yes
2002	MD-02131005 Other West Chesapeake Bay	AA, CV	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2008	MD-PAXMH-OH-02131101 Lower Patuxent River	CH, CV, PG, SM	Fishing Chesapeake Bay segment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium The PCB listing for PAXOH was aggregated with this listing for TMDL purposes.	No
2012	MD-PAXOH-PATUXENT_RIVER PAXOH - Middle Patuxent River Oligohaline	PG, CV	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Medium WQA approved for this bacteria impairment in 2008. However, new data shows that shellfish harvesting water quality criteria are not being met.	No

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Sources	Priority / Notes	TMDL In 2 Years
2010	MD-PAXOH PAXOH - Middle Patuxent River Oligohaline	PG, CV	Aquatic Life and Wildlife Chesapeake Bay segment	Cause Unknown	Benthic IBI Source Unknown	Low	No
2010	MD-PAXMH-BATTLE_CREEK2 PAXMH - Lower Patuxent River Mesohaline	CV	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Low This portion of Battle Creek was relisted after a WQA was approved for it in 2005 based on new data from MDE's Shellfish Monitoring Program.	No
2010	MD-PAXMH-WELLS_COVE PAXMH - Lower Patuxent River Mesohaline	CV	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Low	No
2010	MD-CB5MH-ST_JEROMES_CREEK CB5MH - Chesapeake Bay 5 Mesohaline	SM	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Low This listing really only applies to Malone Bay portion of St. Jeromes.	No
2002	MD-02131101 Patuxent River lower	CH, CV, PG, SM	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2012	MD-PAXMH-BUZZARD_ISLAND_CREEK PAXMH - Lower Patuxent River Mesohaline	CV	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Medium	No
2006	MD-PAXMH PAXMH - Lower Patuxent River Mesohaline	CH, CV, PG, SM	Aquatic Life and Wildlife Chesapeake Bay segment	Cause Unknown	Benthic IBI Source Unknown	Low	No
2002	MD-02131102 Patuxent River middle	AA, CV, PG	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2006	MD-02131103 Western Branch	PG	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No

Cycle First Listed	Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Sources	Priority Notes	TMDL In 2 Years
2006	MD-02131104	AA, HO, PG	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Patuxent River Upper		1st thru 4th order streams		Source Unknown		
2012	MD-02131105	AA, HO	Aquatic Life and Wildlife	Chlorides	Direct Measurement	High	Yes
	Little Patuxent River		1st thru 4th order streams	39%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2010	MD-021311070941-Rocky_Gorge_Reservoir	HO, MO, PG	Fishing	Mercury in Fish Tissue	Direct Measurement	High	Yes
	Rocky Gorge Dam		Impoundments		Source Unknown		
2004	MD-02131107	HO, MO, PG	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Rocky Gorge Dam		1st thru 4th order streams		Source Unknown		
2006	MD-CB3MH	BA, AA, KE, QA	Aquatic Life and Wildlife	Cause Unknown	Benthic IBI	Low	No
	CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown		
2006	MD-CB5MH	CV, SM, DO, SO	Aquatic Life and Wildlife	Cause Unknown	Benthic IBI	Low	No
	CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown		
2006	MD-CB4MH	AA, CV, QA, TA, DO	Aquatic Life and Wildlife	Cause Unknown	Benthic IBI	Low	No
	CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown		
2004	MD-02140101	CH, SM	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Potomac River Lower tidal		1st thru 4th order streams		Source Unknown		
2006	MD-POTMH	CH, SM	Aquatic Life and Wildlife	Cause Unknown	Benthic IBI	Low	No
	POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Source Unknown		

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Sources	Priority / Notes	TMDL In 2 Years
2010	MD-POTOH POTOH - Lower Potomac River Oligohaline	CH	Aquatic Life and Wildlife Chesapeake Bay segment	Cause Unknown	Benthic IBI Source Unknown	Low This listing supersedes the previous estuarine biological listings for watersheds 02140101, 02140102, 02140109, and 02140110.	No
2002	MD-02140103 St. Mary's River	SM	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2008	MD-POTMH-02140104 Breton Bay	SM	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium This listing is for Breton Bay (02140104).	No
2006	MD-02140109-WILLS_BRANCH Port Tobacco River	CH	Water Contact Sports Non-tidal Segment(s)	Enterococcus	Direct Measurement Source Unknown	Medium	No
2006	MD-02140109-HOGHOLE_RUN Port Tobacco River	CH	Water Contact Sports Non-tidal Segment(s)	Enterococcus	Direct Measurement Source Unknown	Medium	No
2006	MD-02140109-JENNIE_RUN Port Tobacco River	CH	Water Contact Sports Non-tidal Segment(s)	Enterococcus	Direct Measurement Source Unknown	Medium	No
2008	MD-02140109 Port Tobacco River	CH	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2006	MD-02140109-PORT_TOBACCO_CREEK Port Tobacco River	CH	Water Contact Sports Non-tidal Segment(s)	Enterococcus	Direct Measurement Source Unknown	Medium Two unnamed tributaries that join Port Tobacco Creek, one to the north and one to the south of RT. 6, are included in this listing.	No
2002	MD-02140111 Mattawoman Creek	PG, CH	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No

Cycle First Listed	Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Sources	Priority Notes	TMDL In 2 Years
2006	MD-02140201 Potomac River Upper tidal	PG, CH	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2008	MD-02140202-Mainstem Potomac River Montgomery County	FR, MO	Fishing River Mainstem	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium Since the station was sampled in the mainstem, this listing was refined to show just the mainstem as the water segment assessed.	No
1996	MD-02140202 Potomac River Montgomery County	FR, MO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total)	Dissolved Oxygen Source Unknown	Low	No
1996	MD-02140202 Potomac River Montgomery County	FR, MO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS) 85%	Habitat Evaluation Source Unknown	Low The Biostressor analysis indicated that sediment is a major stressor affecting biological integrity in this watershed. The listing for sediment addresses a portion of the biological impairment listing.	No
2012	MD-02140202-Wadeable_Streams Potomac River Montgomery County	FR, MO	Aquatic Life and Wildlife 1st thru 4th order streams	Chlorides 30%	Direct Measurement Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2012	MD-02140202-Wadeable_Streams Potomac River Montgomery County	FR, MO	Aquatic Life and Wildlife 1st thru 4th order streams	Sulfates 14%	Direct Measurement Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2004	MD-02140203 Piscataway Creek	PG	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Sources	Priority / Notes	TMDL In 2 Years
2012	MD-02140205 Anacostia River	MO, PG	Aquatic Life and Wildlife 1st thru 4th order streams	Sulfates 14%	Direct Measurement Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2002	MD-02140205-Northwest_Branch Anacostia River	MO, PG	Fishing River Mainstem	Heptachlor Epoxide	Direct Measurement Source Unknown	High The extent of this listing was refined in 2010 to reflect the actual impaired waters. This listing only applies to the Northwest Branch.	Yes
2012	MD-02140205 Anacostia River	MO, PG	Aquatic Life and Wildlife 1st thru 4th order streams	Chlorides 47%	Direct Measurement Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
1996	MD-02140206 Rock Creek	MO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total) 	Dissolved Oxygen Source Unknown	High 	Yes
2010	MD-02140207 Cabin John Creek	MO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Sulfates 62%	Direct Measurement Urban Runoff/Storm Sewers	Low The Biostressor analysis indicated that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2010	MD-02140207 Cabin John Creek	MO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Chlorides 95%	Direct Measurement Urban Runoff/Storm Sewers	Low The Biostressor analysis indicated that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2010	MD-02140208 Seneca Creek	MO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Chlorides 40%	Direct Measurement Urban Runoff/Storm Sewers	Low The Biostressor analysis indicated that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No

Cycle First Listed	Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Sources	Priority Notes	TMDL In 2 Years
2006	MD-02140301-Wadeable_Streams Potomac River Frederick County	FR, WA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
1996	MD-02140302 Lower Monocacy River	CR, FR, MO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total)	Dissolved Oxygen Source Unknown	Low	Yes
2002	MD-02140303-Multiple_segments Upper Monocacy River	CR, FR	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
1996	MD-02140303 Upper Monocacy River	CR, FR	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total)	Dissolved Oxygen Source Unknown	High	Yes
1996	MD-02140304 Double Pipe Creek	CR, FR	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total) 78%	Dissolved Oxygen Agriculture	High The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	Yes
2008	MD-02140304-Big_Pipe_Creek Double Pipe Creek	CR, FR	Fishing River Mainstem	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium Since the station was sampled in the mainstem, this listing was refined to show just the mainstem as the water segment assessed.	No
1996	MD-02140305 Catoctin Creek	FR	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total) 82%	Dissolved Oxygen Agriculture	High The Biostressor analysis indicates that excess phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	Yes

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Sources	Priority / Notes	TMDL In 2 Years
2012	MD-02140501-Wadeable_Streams Potomac River Washington County	WA	Aquatic Life and Wildlife 1st thru 4th order streams	Chlorides 19%	Direct Measurement Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2012	MD-02140501-Wadeable_Streams Potomac River Washington County	WA	Aquatic Life and Wildlife 1st thru 4th order streams	Sulfates 14%	Direct Measurement Agriculture	Low The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2008	MD-02140501-Dam4-5 Potomac River Washington County	WA	Fishing River Mainstem	PCB in Fish Tissue	Direct Measurement Source Unknown	Medium This listing was split from the previous watershed-wide PCB listing for the entire Potomac River Washington County watershed (02140501). The segment was split at Dam #4.	No
2008	MD-02140502-Mainstem Antietam Creek	WA	Fishing River Mainstem	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium Since the station sampled was in the mainstem Antietam, this listing was refined to show just the mainstem as the water segment assessed.	No
2002	MD-02140502 Antietam Creek	WA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
1996	MD-02140502 Antietam Creek	WA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total)	Dissolved Oxygen Source Unknown	High	Yes
2004	MD-02140503 Marsh Run	WA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2002	MD-02140504-Multiple_segments_1 Conococheague Creek	WA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	pH, High	Direct Measurement Source Unknown	Low	No

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Sources	Priority / Notes	TMDL In 2 Years
2008	MD-02140504-Mainstem Conococheague Creek	WA	Fishing River Mainstem	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium Since the station was sampled in the mainstem, this listing was refined to show just the mainstem as the water segment assessed.	No
2004	MD-02140504 Conococheague Creek	WA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2002	MD-02140506 Licking Creek	WA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2002	MD-02140508-Wadeable_Streams Potomac River Allegany County	WA, AL	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2002	MD-02140509 Little Tonoloway Creek	WA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
2002	MD-02140512 Town Creek	AL	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No
1996	MD-02141001 Lower North Branch Potomac River	AL	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	Habitat Evaluation Source Unknown	Low	No
1996	MD-02141001 Lower North Branch Potomac River	AL	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Phosphorus (Total)	Dissolved Oxygen Source Unknown	Low	No
2006	MD-02141001-Wadeable_Streams Lower North Branch Potomac River	AL	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low	No

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Sources	Priority / Notes	TMDL In 2 Years
2010	MD-02141002	AL	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Evitts Creek		Non-tidal 8-digit watershed	25%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2006	MD-021410020107-Rocky_Gap_Run	AL	Aquatic Life and Wildlife	pH, Low	Direct Measurement	Medium	No
	Evitts Creek		Subwatershed		Acid Mine Drainage		
2010	MD-02141002	AL	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Evitts Creek		Non-tidal 8-digit watershed	22%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2010	MD-02141003	AL, GA	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Wills Creek		Non-tidal 8-digit watershed	59%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2010	MD-02141003	AL, GA	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Wills Creek		Non-tidal 8-digit watershed	31%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2002	MD-02141004	AL, GA	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Georges Creek		1st thru 4th order streams		Source Unknown		
2008	MD-021410050040-Sand_Run	GA	Public Water Supply	Manganese	Direct Measurement	High	Yes
	Upper North Branch Potomac River		Subwatershed		Acid Mine Drainage		
2008	MD-021410050048-Three_Forks_Run	GA	Public Water Supply	Manganese	Direct Measurement	High	Yes
	Upper North Branch Potomac River		Subwatershed		Acid Mine Drainage		

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Sources	Priority / Notes	TMDL In 2 Years
2008	MD-021410050039-Laurel_Run	GA	Public Water Supply	Manganese	Direct Measurement	High	Yes
	Upper North Branch Potomac River		Subwatershed		Acid Mine Drainage		
2008	MD-021410050049-Elklick_Run	GA	Public Water Supply	Manganese	Direct Measurement	High	Yes
	Upper North Branch Potomac River		Subwatershed		Acid Mine Drainage		
2012	MD-02141005-Wadeable_Streams	AL, GA	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Upper North Branch Potomac River		1st thru 4th order streams	71%	Acid Mine Drainage	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2010	MD-05020201-Youghiogheny_River_Lake	GA	Fishing	Mercury in Fish Tissue	Direct Measurement	High	Yes
	Youghiogheny River		Impoundments		Atmospheric Deposition - Toxics		
2002	MD-05020201-Wadeable_Streams	GA	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Youghiogheny River		1st thru 4th order streams		Source Unknown		
2006	MD-05020202	GA	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Little Youghiogheny River		1st thru 4th order streams		Source Unknown		
2012	MD-05020203	GA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	Low	No
	Deep Creek Lake		1st thru 4th order streams	91%	Post-development Erosion and Sedimentation	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2010	MD-05020204	GA	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Casselman River		Non-tidal 8-digit watershed	26%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that chlorides are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	