F.7 Category 5 Waters

Maryland's 2014 Final Integrated Report - Category 5 Waters

Cycle First Listed	Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Pollution Sources	Priority Notes	TMDL In 2 Years
2002	MD-02120201-Non-mainstem 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
2014	MD-021202010319-Rock_Run1 Lower Susquehanna River	CE	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No
2014	MD-021202010319-Rock_Run2 Lower Susquehanna River	CE	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No
2014	MD-021202020330-Deer_Creek2 Deer Creek	HA	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No
2014	MD-021202020330-Deer_Creek1 Deer Creek	HA	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No
2014	MD-021202020331-Big_Branch2 Deer Creek	HA	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-021202020331-Big_Branch1	HA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Deer Creek		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021202020330-Deer_Creek3	HA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Deer Creek		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and few coldwater obligate taxa were found.	
2014	MD-021202030344-Basin_Run1	CE	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Octoraro Creek		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and few coldwater obligate taxa were found.	
2014	MD-021202030344-UTBasin_Run	CE	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Octoraro Creek		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2008	MD-02120204-Conowingo_Pool	CE, HA	Fishing	PCB in Fish Tissue	Direct Measurement	Medium	No
	Conowingo Dam Susquehanna River		Impoundments		Contaminated Sediments	This assessment applies to the impounded portion of the Susquehanna behind Conowing Dam.	
2014	MD-02130105	WO	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	High	Yes
	Newport Bay		1st thru 4th order streams		Source Unknown	Low sample size (n=4) but all stations exhibit impairment.	
2008	MD-POCOH-TF-02130202	WO, SO	Fishing	PCB in Fish Tissue	Direct Measurement	Medium	No
	Lower Pocomoke River		Tidal subsegment		Contaminated Sediments	This listing only applies to the Lower Pocomoke River (02130202) watershed	
2004	MD-02130202	WO, SO	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Lower Pocomoke River		1st thru 4th order streams		Source Unknown		

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2012	MD-TANMH-Daugherty_Creek	SO	Shellfishing	Fecal Coliform	Direct Measurement	Medium	No
	TANMH - Tangier Sound Mesohaline		Tidal Shellfish Area		Source Unknown		
2012	MD-TANMH	DO, SO	Aquatic Life and Wildlife	Cause Unknown	Benthic IBI	Low	No
	TANMH - Tangier Sound Mesohaline		Chesapeake Bay segment		Source Unknown		
2008	MD-WICMH-02130301	WI, SO	Fishing	PCB in Fish Tissue	Direct Measurement	High	No
	Lower Wicomico River		Tidal subsegment		Contaminated Sediments	This listing only applies to the Lower Wicomico River (02130301) watershed	
2014	MD-02130301	WI, SO	Aquatic Life and Wildlife	Phosphorus (Total)	Direct Measurement	Low	No
	Lower Wicomico River		1st thru 4th order streams	80%	Agriculture	The Biostressor analysis indicates that total phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2010	MD-WICMH-Wicomico_River_2	WI, SO	Shellfishing	Fecal Coliform	Direct Measurement	Low	No
	WICMH - Wicomico River Mesohaline		Tidal Shellfish Area		Source Unknown	The TMDL for AU MD-WICMH-WICOMICO_RIVER did not cover this additional area. This size of this impaired assessment unit was reduced in 2014 since station 1406201 now meets shellfish standards.	
2014	MD-WICMH-Ellis_Bay	WI	Shellfishing	Fecal Coliform	Direct Measurement	Low	No
	WICMH - Wicomico River Mesohaline		Tidal Shellfish Area		Source Unknown	Station 1406206 does not meet shellfish harvesting water quality standards.	
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		
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		

Cycle First Listed	Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Pollution Sources	Priority Notes	TMDL In 2 Years
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.	
2014	MD-HNGMH-Great_Marsh_Creek	DO	Shellfishing	Fecal Coliform	Direct Measurement	Low	No
	HNGMH - Honga River Mesohaline		Tidal Shellfish Area		Source Unknown	Station 1401030A no longer meets shellfish harvesting water quality standards.	
2012	MD-LCHMH-Little_Choptank_River	DO	Shellfishing	Fecal Coliform	Direct Measurement	Medium	No
	LCHMH - Little Choptank River Mesohaline		Tidal Shellfish Area		Source Unknown		
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-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-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.	

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2012	MD-CHOMH1-Edge_Creek Lower Choptank River	TA	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Medium	No
2010	MD-CHOMH2-LOWER_CHOPTANK_RIVER_MAINSTEM2 CHOMH2 - Choptank River Mesohaline mouth 2	TA, DO	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Low 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.	No
2012	MD-02130403 Lower Choptank River	TA, DO, CA	Aquatic Life and Wildlife 1st thru 4th order streams	Phosphorus (Total) 84%	Direct Measurement 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
2008	MD-CHOMH1-2-02130403 CHOMH2 - Choptank River Mesohaline mouth 2	TA, DO	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	Medium New white perch data shows low levels but older channel catfish data still driving the impaired assessment.	No
2012	MD-CHOMH2-Jenkins_Creek Lower Choptank River	DO	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Medium New data shows shellfish harvesting bacteria standards being exceeded.	No
2012	MD-02130404 Upper Choptank River	TA, QA, CA	Aquatic Life and Wildlife 1st thru 4th order streams	Total Suspended Solids (TSS) 70%	Habitat Evaluation Agriculture	Low The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2014	MD-CHOOH-TF-02130404 CHOOH - Choptank River Oligohaline	CA, TA	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Source Unknown	Low New data for white perch and channel catfish show PCB levels above the impairment threshold.	No

Cycle First Listed	Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Pollution Sources	Priority Notes	TMDL In 2 Years
2012	MD-EASMH EASMH - Eastern Bay Mesohaline	QA, TA	Aquatic Life and Wildlife Chesapeake Bay segment	Cause Unknown	Benthic IBI Source Unknown	Low	No
2014	MD-02130502 Miles River	TA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low Watershed has a low sample size (n=5) but 3 sites show evidence of impairment.	No
2014	MD-CB3MH-Swan_Creek CB3MH - Chesapeake Bay Mesohaline	KE	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Low Station 0202005 no longer meets shellfish harvesting water quality standards.	No
2014	MD-CHSMH-OH-02130505 Lower Chester River	KE, QA	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Source Unknown	Low Two four-fish composites of channel catfish show high levels of PCBs. However, a full composite is required prior to TMDL development.	No
2014	MD-CB3MH-Rock_Hall_Harbor CB3MH - Chesapeake Bay Mesohaline	KE	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Low Station 0202010 no longer meets shellfish harvesting water quality standards.	No
2014	MD-02130507 Corsica River	QA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low Round 3 data causes this watershed to barely exceed the threshold for impairment.	No
2014	MD-02130509 Middle Chester River	KE, QA	Aquatic Life and Wildlife 1st thru 4th order streams	Phosphorus (Total) 79%	Direct Measurement Agriculture	High The Biostressor analysis indicates that total phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	Yes
2012	MD-02130510 Upper Chester River	KE, QA	Aquatic Life and Wildlife 1st thru 4th order streams	Total Suspended Solids (TSS) 33%	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

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2010	MD-ELKOH	CE	Aquatic Life and Wildlife	Cause Unknown	Benthic IBI	Low	No
	ELKOH - Elk River Oligohaline		Chesapeake Bay segment		Source Unknown		
2014	MD-02130605	CE	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Little Elk Creek		1st thru 4th order streams		Source Unknown		
2014	MD-021306090380-UTPrincipio_Creek4	CE	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Furnace Bay		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021306090380-Principio_Creek3	CE	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Furnace Bay		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021306090380-Principio_Creek1	CE	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Furnace Bay		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021306090380-UTPrincipio_Creek3	CE	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Furnace Bay		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021306090380-UTPrincipio_Creek2	CE	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Furnace Bay		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021306090380-UTPrincipio_Creek1	CE	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Furnace Bay		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-021306090380-Principio_Creek2	CE	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Furnace Bay		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2002	MD-BSHOH	HA	Fishing	PCB in Fish Tissue	Direct Measurement	Medium	No
	BSHOH - Bush River Oligohaline		Tidal subsegment		Contaminated Sediments	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.	
2014	MD-02130701	HA	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Bush River		1st thru 4th order streams	95%	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.	
2014	MD-02130701	HA	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Bush River		1st thru 4th order streams	58%	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.	
2014	MD-02130701	HA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	Low	No
	Bush River		1st thru 4th order streams	31%	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.	
2002	MD-02130702	HA	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Lower Winters Run		1st thru 4th order streams		Source Unknown		
2002	MD-02130703	HA	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Atkisson Reservoir		1st thru 4th order streams		Source Unknown		
2014	MD-021307041131-UTBynum_Run	HA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Bynum Run		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-02130705 Aberdeen Proving Ground	HA	Aquatic Life and Wildlife 1st thru 4th order streams	Phosphorus (Total) 90%	Fish and Benthic IBIs Urban Runoff/Storm Sewers	Low The Biostressor analysis indicated that total phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	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
2014	MD-02130706 Swan Creek	HA	Aquatic Life and Wildlife 1st thru 4th order streams	Phosphorus (Total) 47%	Fish and Benthic IBIs Anthropogenic Land Use Changes	Low The Biostressor analysis indicates that phosphorus is a major stressor affecting biological integrity in this watershed. This listing addresses a portion of the biological listing and therefore replaces it on the list.	No
2014	MD-02130706 Swan Creek	HA	Aquatic Life and Wildlife 1st thru 4th order streams	Total Suspended Solids (TSS) 61%	Habitat Evaluation Anthropogenic Land Use Changes	Low The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. This listing addresses a portion of the biological listing and therefore replaces it on the list.	No
2006	MD-GUNOH-02130801 Gunpowder River	HA, BA	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Source Unknown	High 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.	Yes
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

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2012	MD-02130802	BA	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Lower Gunpowder Falls		1st thru 4th order streams	45%	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.	
2012	MD-02130802	BA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	Low	No
	Lower Gunpowder Falls		1st thru 4th order streams	61%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2008	MD-GUNOH-02130803	BA	Fishing	PCB in Fish Tissue	Direct Measurement	High	Yes
	Bird River		Tidal subsegment		Contaminated Sediments	This listing only applies Bird River (02130803).	
2014	MD-02130803	BA	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Bird River		1st thru 4th order streams		Source Unknown	Additional data provided by Baltimore County used to assess as impaired.	
2014	MD-021308040298-LittleGunpowder_Falls2	HA, BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Little Gunpowder Falls		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021308040298-LittleGunpowder_Falls1	HA, BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Little Gunpowder Falls		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021308040299-Yellow_Branch	HA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Little Gunpowder Falls		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021308040298-UTLittleGunpowder_Falls	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Little Gunpowder Falls		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	

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2014	MD-021308040299-Nelson_Branch	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Little Gunpowder Falls		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-02130805	BA, CR	Aquatic Life and Wildlife	Phosphorus (Total)	Direct Measurement	Low	No
	Loch Raven Reservoir		1st thru 4th order streams	45%	Agriculture	The Biostressor analysis indicates that total phosphorus is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2014	MD-021308050309-FirstMine_Branch	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Loch Raven Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-02130805	BA, CR	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Loch Raven Reservoir		1st thru 4th order streams	23%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2014	MD-02130805	BA, CR	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Loch Raven Reservoir		1st thru 4th order streams	26%	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.	
2014	MD-021308060316-UTGunpowder_Falls	CR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Prettyboy Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and few coldwater obligate taxa were found.	
2014	MD-021308060314-Murphy_Run	CR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Prettyboy Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	

Cycle First Listed	Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Pollution Sources	Priority Notes	TMDL In 2 Years
2006	MD-MIDOH-02130807	BA	Fishing	PCB in Fish Tissue	Direct Measurement	Medium	No
	Middle River - Browns		Tidal subsegment		Contaminated Sediments	This listing only applies to the Middle River (02130807) portion of MIDOH.	
2012	MD-02130901	BA, BC	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	Low	No
	Back River		1st thru 4th order streams	85%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2012	MD-02130901	BA, BC	Aquatic Life and Wildlife	Chlorides	Direct Measurement	High	Yes
	Back River		1st thru 4th order streams	83%	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.	
2012	MD-02130901	BA, BC	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Back River		1st thru 4th order streams	96%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2004	MD-PATMH	AA, BA, BC	Aquatic Life and Wildlife	Cause Unknown	Benthic IBI	Low	No
	PATMH - Patapsco River Mesohaline		Chesapeake Bay segment		Source Unknown		
2008	MD-PATMH-Middle-NorthwestHarbor-littoral	AA, BA, BC	Water Contact Sports	Debris/Floatables/Trash	Direct Measurement		No
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Inappropriate Waste Disposal	Listing only applies to the littoral zone of the Middle Branch (Ferry Bar Park around to Harbor Hospital Center) and the littoral zone of the Northwest Harbor (from Hull Street Pier to Canton Waterfront Park).	

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2010	MD-PATMH-MiddleBranch_NorthwestHarbor	BC	Water Contact Sports	Enterococcus	Direct Measurement	Low	No
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Source Unknown	This listing applies to all tidal waters upstream of Harbor Tunnel. Some stations are currently meeting bacterial standards. However, they are near other impaired stations. Listing will remain until more conclusive data demonstrates geographic attainment.	
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		
2012	MD-02130903-Stansbury_Pond	BA	Fishing	PCB in Fish Tissue	Direct Measurement	Low	No
	Baltimore Harbor Watershed		Impoundments		Source Unknown		
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.	
1998	MD-PATMH-Northwest_Branch	BC	Aquatic Life and Wildlife	Lead -sediments	Direct Measurement	Medium	No
	PATMH - Patapsco River Mesohaline		Tidal subsegment		Source Unknown	WQA approved January 18, 2005 for the Inner Harbor/Northwest Branch. However, results were deemed inconclusive. Additional study is warranted.	
2014	MD-02130903	AA, BA, BC	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Baltimore Harbor		1st thru 4th order streams	29%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing, along with others, replace the biological listing.	

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-02130903 Baltimore Harbor	AA, BA, BC	Aquatic Life and Wildlife 1st thru 4th order streams	Chlorides 79%	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, along with others, replace the biological listing.	No
2014	MD-02130903 Baltimore Harbor	AA, BA, BC	Aquatic Life and Wildlife 1st thru 4th order streams	Total Suspended Solids (TSS) 59%	Fish and Benthic IBIs Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that sediment is a major stressor affecting biological integrity in this watershed. This listing, along with others, replace the biological listing.	No
1998	MD-PATMH-Bear_Creek PATMH - Patapsco River Mesohaline	BA	Aquatic Life and Wildlife Tidal subsegment	Zinc - sediments	Direct Measurement Source Unknown	Medium WQA completed January 18, 2005 for the Inner Harbor/Northwest Branch and Bear Creek. However, results were deemed inconclusive. Additional study is warranted.	No
1998	MD-PATMH-Middle_Harbor PATMH - Patapsco River Mesohaline	BC	Aquatic Life and Wildlife Tidal subsegment	Zinc - sediments	Direct Measurement Source Unknown	Medium This listing only applies to the Middle Harbor portion of PATMH.	No
2010	MD-02130904 Jones Falls	BA, BC	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
2014	MD-021309041036-UTJones_Falls Jones Falls	BA	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No
2014	MD-021309041036-UTNBranch_Jones_Falls Jones Falls	BA	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-021309041036-Slaughterhouse_Branch	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Jones Falls		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
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.	
2014	MD-021309051045-Red_Run	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Gwynns Falls		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021309051045-UTRed_Run2	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Gwynns Falls		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2010	MD-02130905	BA, BC	Aquatic Life and Wildlife	Chlorides	Direct Measurement	High	Yes
	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.	
2014	MD-021309051045-UTRed_Run1	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Gwynns Falls		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
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.	

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
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.	
2014	MD-021309071059-UTEBNBranch_Patapsco_River	CR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Liberty Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021309071048-GlenFalls_Run	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Liberty Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and few coldwater obligate individuals were found.	
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.	
2014	MD-021309071055-LittleMorgan_Run	CR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Liberty Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021309071046-Snowdens_Run	CR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Liberty Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021309071046-Locust_Run3	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Liberty Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-021309071046-UTLocust_Run	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Liberty Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and few coldwater obligate individuals were found.	
2014	MD-021309071046-Locust_Run1	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Liberty Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021309071048-Timber_Run	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Liberty Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021309071048-Keysers_Run	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Liberty Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021309071046-CarrollHighlands_Run	CR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Liberty Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021309071059-EastBNBranch_Patapsco_River	CR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Liberty Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021309071046-Locust_Run2	BA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Liberty Reservoir		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-021309081023-Piney_Run2	CR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	South Branch Patapsco River		Non-tidal Segment(s)		Lack of riparian buffer and upstream impoundments	Restoration efforts currently underway to improve riparian buffer, remove low-head dams, and potentially retrofit reservoir discharge.	
2014	MD-021309081029-UTMiddle_Run	CR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	South Branch Patapsco River		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021309081023-Piney_Run1	CR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	South Branch Patapsco River		Non-tidal Segment(s)		Lack of riparian buffer and upstream impoundments	Restoration efforts currently underway to improve riparian buffer, remove low-head dams, and potentially retrofit reservoir discharge.	
2002	MD-02130908	CR, HO	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	High	Yes
	South Branch Patapsco River		1st thru 4th order streams		Source Unknown		
2004	MD-MAGMH	AA	Aquatic Life and Wildlife	Cause Unknown	Benthic IBI	Low	No
	MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown		
2012	MD-MAGMH-Deep_Creek	AA	Shellfishing	Fecal Coliform	Direct Measurement	Medium	No
	MAGMH - Magothy River Mesohaline		Tidal Shellfish Area		Source Unknown	Previously, a WQA was completed and approved for this area. New data shows that shellfish harvesting bacteria criteria are not being met.	
2014	MD-02131001	AA	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Magothy River		1st thru 4th order streams	42%	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.	
2006	MD-MAGMH	AA	Fishing	PCB in Fish Tissue	Direct Measurement	High	Yes
	MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Contaminated Sediments	This listing captures the previous PCBs listing for watershed 02131001.	

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
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
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 are needed to confirm. This listing only includes the Severn mainstem, not Whitehall or Mill Creek.	Yes
2008	MD-SEVMH SEVMH - Severn River Mesohaline	AA	Aquatic Life and Wildlife Chesapeake Bay segment	Cause Unknown	Benthic IBI Source Unknown	Low	No
2014	MD-02131003 South River	AA	Aquatic Life and Wildlife 1st thru 4th order streams	Total Suspended Solids (TSS) 54%	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, along with others, replaces the biological listing.	No
2002	MD-SOUMH SOUMH - South River Mesohaline	AA	Fishing Chesapeake Bay segment	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	High	Yes
2008	MD-SOUMH SOUMH - South River Mesohaline	AA	Aquatic Life and Wildlife Chesapeake Bay segment	Cause Unknown	Benthic IBI Source Unknown	Low	No
2014	MD-02131003 South River	AA	Aquatic Life and Wildlife 1st thru 4th order streams	Chlorides 42%	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-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

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
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
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
2014	MD-02131005 Other West Chesapeake Bay	AA, CV	Aquatic Life and Wildlife 1st thru 4th order streams	Total Suspended Solids (TSS) 72%	Habitat Evaluation Anthropogenic Land Use Changes	Low The Biostressor analysis indicates that total suspended solids are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	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 as impaired 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
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
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

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2008	MD-PAXMH-OH-02131101	CH, CV, PG, SM	Fishing	PCB in Fish Tissue	Direct Measurement	Medium	No
	Lower Patuxent River		Chesapeake Bay segment		Contaminated Sediments	The PCB listing for PAXOH was aggregated with this listing for TMDL purposes.	
2014	MD-PAXMH-HogNeck_Creek	SM	Shellfishing	Fecal Coliform	Direct Measurement	Low	No
	PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Source Unknown	Station 0903150F no longer meets shellfish harvesting water quality standards.	
2010	MD-PAXOH	PG, CV	Aquatic Life and Wildlife	Cause Unknown	Benthic IBI	Low	No
	PAXOH - Middle Patuxent River Oligohaline		Chesapeake Bay segment		Source Unknown		
2012	MD-PAXMH-BUZZARD_ISLAND_CREEK	CV	Shellfishing	Fecal Coliform	Direct Measurement	Medium	No
	PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Source Unknown		
2014	MD-02131101	CH, CV, PG, SM	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Fish and Benthic IBIs	High	Yes
	Patuxent River lower		1st thru 4th order streams	73%	Source Unknown	The Biostressor analysis indicates that excess sediments (TSS) are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2014	MD-PAXMH-BATTLE_CREEK3	CV	Shellfishing	Fecal Coliform	Direct Measurement	Low	No
	PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Source Unknown	This portion of Battle Creek, represented by station 0902108, was relisted as impaired based on new data from MDE's Shellfish Monitoring Program.	
2014	MD-02131102	AA, CV, PG	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Patuxent River Middle		1st thru 4th order streams	63%	Source Unknown	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-02131102	AA, CV, PG	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Fish and Benthic IBIs	Low	No
	Patuxent River Middle		1st thru 4th order streams	68%	Source Unknown	The Biostressor analysis indicates that excess sediments are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2006	MD-02131103	PG	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	Low	No
	Western Branch		1st thru 4th order streams		Source Unknown		
2014	MD-02131104	AA, HO, PG	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Patuxent River upper		1st thru 4th order streams	22%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that chlorides are a major stressor affecting biological integrity in this watershed. This listing addresses a portion of the biological listing and therefore replaces it on the list.	
2014	MD-02131104	AA, HO, PG	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Patuxent River upper		1st thru 4th order streams	22%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing addresses a portion of the biological listing and therefore replaces it on the list.	
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		

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-021311080966-Patuxent_River2	MO, HO	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Brighton Dam		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021311080966-Patuxent_River1	MO, HO	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Brighton Dam		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-CB2OH	KE	Fishing	PCB in Fish Tissue	Direct Measurement	High	No
	Middle Chesapeake Bay		Chesapeake Bay segment		Source Unknown	More data needed to confirm the geographic area covered by this segment.	
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		
2014	MD-CB4MH-Herring_Bay	AA	Fishing	PCB in Fish Tissue	Direct Measurement	Low	No
	CB4MH - Middle Chesapeake Bay Mesohaline		Tidal subsegment		Source Unknown	A reevaluation of historical fish tissue data for white perch demonstrated that Herring Bay should be listed as impaired.	
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		

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-POTMH-Neale_Sound POTMH - Lower Potomac River Mesohaline	CH	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Source Unknown	Low Station 1301024A no longer meets shellfish harvesting water quality standards.	No
2006	MD-POTMH POTMH - Lower Potomac River Mesohaline	CH, SM	Aquatic Life and Wildlife Chesapeake Bay segment	Cause Unknown	Benthic IBI Source Unknown	Low	No
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
2014	MD-02140103 St. Mary's River	SM	Aquatic Life and Wildlife 1st thru 4th order streams	pH, Low 64%	Direct Measurement Atmospheric Deposition - Acidity	Low The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	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
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

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2006	MD-02140109-JENNIE_RUN Port Tobacco River	CH	Water Contact Sports Non-tidal Segment(s)	Enterococcus	Direct Measurement Source Unknown	Medium	No
2014	MD-02140111 Mattawoman Creek	PG, CH	Aquatic Life and Wildlife 1st thru 4th order streams	pH, Low 31%	Direct Measurement Atmospheric Deposition - Acidity	Low The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2014	MD-02140111 Mattawoman Creek	PG, CH	Aquatic Life and Wildlife 1st thru 4th order streams	Chlorides 32%	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
2014	MD-MATTF Mattawoman Creek	CH	Fishing Chesapeake Bay segment	PCB in Fish Tissue	Direct Measurement Source Unknown	Low Two five-fish composites of blue catfish are above the contaminant threshold.	No
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
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
2008	MD-02140202-Mainstem Potomac River Montgomery County	FR, MO	Fishing River Mainstem	PCB in Fish Tissue	Direct Measurement Contaminated Sediments	High Since the station was sampled in the mainstem, this listing was refined to show just the mainstem as the water segment assessed.	Yes
2014	MD-02140202-Mainstem_segment Potomac River Montgomery County	FR, MO	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, High	Direct Measurement Source Unknown	Low Additional data needed to determine whether elevated pH is due to natural conditions or anthropogenic stressors.	No

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2012	MD-02140202-Wadeable_Streams	FR, MO	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Potomac River Montgomery County		1st thru 4th order streams	14%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2014	MD-PISTF	PG	Fishing	PCB in Fish Tissue	Direct Measurement	Low	No
	Piscataway Creek Tidal Fresh		Chesapeake Bay segment		Source Unknown	New blue catfish data showed levels above the contaminant threshold.	
2004	MD-02140203	PG	Aquatic Life and Wildlife	Cause Unknown	Fish and Benthic IBIs	High	Yes
	Piscataway Creek		1st thru 4th order streams		Source Unknown		
2012	MD-02140205	MO, PG	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Anacostia River		1st thru 4th order streams	14%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2012	MD-02140205	MO, PG	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Anacostia River		1st thru 4th order streams	47%	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.	
2002	MD-02140205-Northwest_Branch	MO, PG	Fishing	Heptachlor Epoxide	Direct Measurement	Low	No
	Anacostia River		River Mainstem		Source Unknown	The extent of this listing was refined in 2010 to reflect the actual impaired waters. This listing only applies to the Northwest Branch.	
2014	MD-ANATF	PG	Fishing	Heptachlor Epoxide	Direct Measurement	Low	No
	Anacostia River		Chesapeake Bay segment		Source Unknown	New data shows that fish taken in the tidal portion of the Anacostia have levels of heptachlor epoxide that exceed the human health threshold for fish tissue consumption.	

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-021402060838-NBranchRock_Creek	MO	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Rock Creek		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2010	MD-02140207	MO	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Cabin John Creek		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.	
2010	MD-02140207	MO	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Cabin John Creek		Non-tidal 8-digit watershed	62%	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-02140208	MO	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Seneca Creek		Non-tidal 8-digit watershed	40%	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.	
2014	MD-021402080865-UTWildcat_Branch	MO	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Seneca Creek		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021403010211-UTTuscarora_Creek	FR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Potomac River Frederick County		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-02140301-Mainstem	FR, WA	Fishing	Mercury in Fish Tissue	Direct Measurement	Low	No
	Potomac River Frederick County		River Mainstem		Atmospheric Deposition - Acidity	New data conclusively shows high mercury in fish tissue value.	
2014	MD-02140301-Mainstem	FR, WA	Fishing	PCB in Fish Tissue	Direct Measurement	Low	No
	Potomac River Frederick County		River Mainstem		Source Unknown	New channel catfish data exceeds the PCB contaminant threshold.	

Cycle First Listed	Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Pollution 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
2014	MD-021403020230-Ballenger_Creek Lower Monocacy River	FR	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No
2014	MD-021403020223-LittleBennett_Creek Lower Monocacy River	MO	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No
2014	MD-021403030258-Friends_Creek Upper Monocacy River	FR	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No
2014	MD-021403030251-UTBigHunting_Creek Upper Monocacy River	FR	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and few coldwater obligate taxa are present.	No
2014	MD-021403030243-Fishing_Creek Upper Monocacy River	FR	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No
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

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-021403050217-UTLittleCatoctin_Creek	FR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Catoctin Creek		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021403050219-Spruce_Run	FR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Catoctin Creek		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021403050217-Hawbottom_Branch	FR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Catoctin Creek		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-021403050220-LittleCatoctin_Creek	FR	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Catoctin Creek		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-02140501-Dam3-4	WA	Fishing	PCB in Fish Tissue	Direct Measurement	Low	No
	Potomac River Washington County		River Mainstem		Source Unknown	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. New channel catfish composite (5 fish) was above contaminant threshold.	
2008	MD-02140501-Dam4-5	WA	Fishing	PCB in Fish Tissue	Direct Measurement	Medium	No
	Potomac River Washington County		River Mainstem		Source Unknown	Despite new data showing low levels of PCBs in fish from station POT2109, more data on channel catfish is needed from station PotDam4 to confirm that use is being met.	
2014	MD-02140501-Dam3-4	WA	Fishing	Mercury in Fish Tissue	Direct Measurement	Low	No
	Potomac River Washington County		River Mainstem		Atmospheric Deposition - Toxics	New data shows a 5-fish composite of channel catfish exceeding the mercury contaminant threshold.	

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2012	MD-02140501-Wadeable_Streams	WA	Aquatic Life and Wildlife	Chlorides	Direct Measurement	Low	No
	Potomac River Washington County		1st thru 4th order streams	19%	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.	
2012	MD-02140501-Wadeable_Streams	WA	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Potomac River Washington County		1st thru 4th order streams	14%	Agriculture	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
2014	MD-02140501-Mainstem_segment	WA	Aquatic Life and Wildlife	pH, High	Direct Measurement	Low	No
	Potomac River Washington County		Non-tidal Segment(s)		Source Unknown	Additional data needed to determine whether elevated pH is due to natural conditions or anthropogenic stressors.	
2014	MD-02140501-Dam4-5	WA	Fishing	Mercury in Fish Tissue	Direct Measurement	Low	No
	Potomac River Washington County		River Mainstem		Source Unknown	New data shows that this area is exceeding the mercury contaminant threshold level.	
2014	MD-021405020192-LittleBeaver_Creek	WA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Antietam Creek		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2008	MD-02140502-Mainstem	WA	Fishing	PCB in Fish Tissue	Direct Measurement	Medium	No
	Antietam Creek		River Mainstem		Contaminated Sediments	Since the station sampled was in the mainstem Antietam, this listing was refined to show just the mainstem as the water segment assessed.	
2014	MD-02140502	WA	Aquatic Life and Wildlife	Sulfates	Direct Measurement	Low	No
	Antietam Creek		1st thru 4th order streams	15%	Urban Runoff/Storm Sewers	The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	

Cycle First Listed	Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Pollution Sources	Priority Notes	TMDL In 2 Years
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
2014	MD-02140504-Mainstem Conococheague Creek	WA	Fishing River Mainstem	Mercury in Fish Tissue	Direct Measurement Atmospheric Deposition - Toxics	Low New composite of smallmouth bass shows high mercury level.	No
2014	MD-02140504 Conococheague Creek	WA	Aquatic Life and Wildlife 1st thru 4th order streams	Sulfates 85%	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-02140504-Multiple_segments_1 Conococheague Creek	WA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	pH, High	Direct Measurement Source Unknown	Low	No
2014	MD-02140504 Conococheague Creek	WA	Aquatic Life and Wildlife 1st thru 4th order streams	Chlorides 93%	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
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
2014	MD-02140504 Conococheague Creek	WA	Aquatic Life and Wildlife 1st thru 4th order streams	Phosphorus (Total) 97%	Fish and Benthic IBIs 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
2014	MD-02140505 Little Conococheague	WA	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 / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-02140506 Licking Creek	WA	Aquatic Life and Wildlife 1st thru 4th order streams	pH, Low 93%	Direct Measurement Atmospheric Deposition - Acidity	Low The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2014	MD-02140508-Mainstem2 Potomac River Allegany County	WA, AL	Aquatic Life and Wildlife River Mainstem	pH, High	Direct Measurement Source Unknown	Low Additional data needed to determine if cause of high pH is natural or anthropogenic.	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	High	Yes
2014	MD-02140509 Little Tonoloway Creek	WA	Aquatic Life and Wildlife 1st thru 4th order streams	pH, Low 32%	Direct Measurement Atmospheric Deposition - Acidity	Low The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2014	MD-02140509 Little Tonoloway Creek	WA	Aquatic Life and Wildlife 1st thru 4th order streams	Total Suspended Solids (TSS) 57%	Fish and Benthic IBIs Urban Runoff/Storm Sewers	Low The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2014	MD-02140509 Little Tonoloway Creek	WA	Aquatic Life and Wildlife 1st thru 4th order streams	Chlorides 44%	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
2014	MD-02140510 Sideling Hill Creek	WA, AL	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	Low New data demonstrated impairment.	No
2002	MD-02140512 Town Creek	AL	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	High	Yes

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
2014	MD-02141001-Mainstem Lower North Branch Potomac River	AL	Fishing River Mainstem	Mercury in Fish Tissue	Direct Measurement Atmospheric Deposition - Toxics	Low New walleye and smallmouth bass data show fish tissue mercury levels above the contaminant threshold.	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
2010	MD-02141002 Evitts Creek	AL	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Sulfates 25%	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
2006	MD-021410020107-Rocky_Gap_Run Evitts Creek	AL	Aquatic Life and Wildlife Subwatershed	pH, Low	Direct Measurement Acid Mine Drainage	Medium	No
2010	MD-02141002 Evitts Creek	AL	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Chlorides 22%	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
2014	MD-021410020108-PeaVine_Run Evitts Creek	AL	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No
2010	MD-02141003 Wills Creek	AL, GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Sulfates 59%	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-02141003 Wills Creek	AL, GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Chlorides 31%	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 Pollution Sources	Priority Notes	TMDL In 2 Years
2002	MD-02141004 Georges Creek	AL, GA	Aquatic Life and Wildlife 1st thru 4th order streams	Cause Unknown	Fish and Benthic IBIs Source Unknown	High	Yes
2014	MD-02141004 Georges Creek	AL, GA	Aquatic Life and Wildlife 1st thru 4th order streams	Chlorides 24%	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-02141005-Wadeable_Streams Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife 1st thru 4th order streams	Sulfates 71%	Direct Measurement Acid Mine Drainage	Low The Biostressor analysis indicates that sulfates are a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	No
2014	MD-02141005-Jennings_Randolph_Reservoir Upper North Branch Potomac River	AL, GA	Fishing Impoundments	Mercury in Fish Tissue	Direct Measurement Atmospheric Deposition - Toxics	Low	No
2014	MD-021410060074-NForkCrabtree_Creek Savage River	GA	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No
2014	MD-021410060084-Savage_River2 Savage River	GA	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No
2014	MD-021410060074-SForkCrabtree_Creek Savage River	GA	Aquatic Life and Wildlife Non-tidal Segment(s)	Temperature, water	Direct Measurement Source Unknown	Low Temperature measurements exceed criteria and no coldwater obligate taxa were found.	No

Cycle First Listed	Assessment Unit Basin Name	County	Designated Use Water Type Detail	Cause Percent Attributable Risk	Indicator Pollution Sources	Priority Notes	TMDL In 2 Years
2014	MD-050202010019-Buffalo_Run2	GA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Youghiogheny River		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and few coldwater obligate taxa are present.	
2014	MD-050202010007-DunkardLick_Run	GA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Youghiogheny River		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2010	MD-05020201-Youghiogheny_River_Lake	GA	Fishing	Mercury in Fish Tissue	Direct Measurement	High	Yes
	Youghiogheny River		Impoundments		Atmospheric Deposition - Toxics		
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		
2014	MD-050202020025-LittleYoughiogheny_River	GA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Little Youghiogheny River		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
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.	
2014	MD-050202030029-Cherry_Creek2	GA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Deep Creek Lake		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	

Cycle First Listed	Assessment Unit / Basin Name	County	Designated Use / Water Type Detail	Cause / Percent Attributable Risk	Indicator / Pollution Sources	Priority / Notes	TMDL In 2 Years
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.	
2014	MD-050202040033-SouthBranch_Casselman_River2	GA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Casselman River		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	
2014	MD-050202040037-Piney_Creek	GA	Aquatic Life and Wildlife	Temperature, water	Direct Measurement	Low	No
	Casselman River		Non-tidal Segment(s)		Source Unknown	Temperature measurements exceed criteria and no coldwater obligate taxa were found.	