

F.4 Category 4 Waters

As a result of adopting the new segmentation for Chesapeake Bay, multiple 8-digit watersheds can be included in any Bay segment. Since TMDLs in Maryland have historically been developed at the 8-digit scale, it is often the case that a TMDL only addresses a portion of a bay segment. In these cases, MDE cannot move the Bay segment to Category 4a until another TMDL(s) is established that addresses the remainder of the Bay segment. However, MDE does include a note in Bay segment listings to describe where TMDLs have been developed. The tables below document those Bay segments where TMDLs have only been developed for a portion of the segment.

Table 35: Nutrient TMDLs With No Matching 4a Record in 2010 303(d) List

TMDL ID	Project Type	Approval Date	Basin Name	Basin Code	Bay Segment
02120201NLSR	WQA	1/11/2006	Lower Susquehanna River	02120201	MD-CB1TF
02130306NMC	TMDL	2/13/2001	Marshyhope Creek	02130306	MD-NANOH
02130308NTR	TMDL	3/9/2000	Transquaking River	02130308	MD-FSBMH
02130308NCR	TMDL	2/28/2001	Chicamacomico River	02130308	MD-FSBMH
02130506NLC	WQA	1/22/2003	Langford Creek	02130506	MDCHSMH
02130507NCR	TMDL	5/9/2000	Corsica River	02130507	MDCHSMH
02130611NSC	TMDL	3/25/2002	Still Pond Creek	02130611	MD-CB2OH
02130611NFC	TMDL	3/18/1999	Fairlee Creek	02130611	MD-CB2OH
02130611NWC	TMDL	2/6/2002	Worton Creek	02130611	MD-CB2OH
02130706NSC	TMDL	3/27/2002	Swan Creek	02130706	MD-CB1TF
02130803NBR	WQA	5/9/2005	Bird River	02130803	MD-GUNOH
02140104NBB	TMDL	12/19/2005	Breton Bay	02140104	MD-POTMH

Table 36: Nutrient TMDLs With Only a Matching BOD (No Nitrogen or Phosphorus) 4a Record in 2010 Integrated Report (Bay Segment listed on Category 5 for Nitrogen and Phosphorus)

TMDL ID	Project Type	Approval Date	Basin Name	Basin Code	Bay Segment
02130301NLWR	TMDL	6/22/2001	Lower Wicomico River	02130301	MD-WICMH
					MD-TANMH
02130303NWC	TMDL	1/29/2001	Wicomico Creek	02130303	MD-WICMH

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<i>Assessment Unit</i>	<i>County</i>	<i>Designated Use</i>	<i>Cause</i>	<i>Indicator</i>	<i>Reason For Removal</i>	<i>Cycle Delisted</i>
<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-02130103-T-HERRING_CREEK	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
Isle of Wight Bay		Coastal Bay		Agriculture	TMDLs approved on 4/17/02 for Bishopville and Shingle Landing Prongs, Herring Creek, St. Martin's River, and Turville Cr.	
MD-02130103-T-BISHOPVILLE_PRONG	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
Isle of Wight Bay		Coastal Bay		Agriculture	TMDLs approved on 4/17/02 for Bishopville and Shingle Landing Prongs, Herring Creek, St. Martin's River, and Turville Cr.	
MD-02130103-T-HERRING_CREEK	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
Isle of Wight Bay		Coastal Bay		Agriculture	TMDLs approved on 4/17/02 for Bishopville and Shingle Landing Prongs, Herring Creek, St. Martin's River, and Turville Cr.	
MD-02130103-T-BISHOPVILLE_PRONG	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
Isle of Wight Bay		Coastal Bay		Agriculture	TMDLs approved on 4/17/02 for Bishopville and Shingle Landing Prongs, Herring Creek, St. Martin's River, and Turville Cr.	
MD-02130103-T-SHINGLE_LANDING_PRONG	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
Isle of Wight Bay		Coastal Bay		Agriculture	TMDLs approved on 4/17/02 for Bishopville and Shingle Landing Prongs, Herring Creek, St. Martin's River, and Turville Cr.	

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-02130103-T-STMARTIN_RIVER	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
Isle of Wight Bay		Coastal Bay		Agriculture	TMDLs approved on 4/17/02 for Bishopville and Shingle Landing Prongs, Herring Creek, St. Martin's River, and Turville Cr.	
MD-02130103-T-SHINGLE_LANDING_PRONG	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
Isle of Wight Bay		Coastal Bay		Agriculture	TMDLs approved on 4/17/02 for Bishopville and Shingle Landing Prongs, Herring Creek, St. Martin's River, and Turville Cr.	
MD-02130103-T-TURVILLE_CREEK	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
Isle of Wight Bay		Coastal Bay		Agriculture	TMDLs approved on 4/17/02 for Bishopville and Shingle Landing Prongs, Herring Creek, St. Martin's River, and Turville Cr.	
MD-02130103-T-TURVILLE_CREEK	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
Isle of Wight Bay		Coastal Bay		Agriculture	TMDLs approved on 4/17/02 for Bishopville and Shingle Landing Prongs, Herring Creek, St. Martin's River, and Turville Cr.	
MD-02130103-T-STMARTIN_RIVER	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
Isle of Wight Bay		Coastal Bay		Agriculture	TMDLs approved on 4/17/02 for Bishopville and Shingle Landing Prongs, Herring Creek, St. Martin's River, and Turville Cr.	
MD-02130105-T-AYER_CREEK	WO	Aquatic Life and Wildlife	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
Newport Bay		Coastal Bay		Agriculture	TMDLs approved by EPA for Kitts Branch, Ayer Creek, Newport Bay and Newport Creek. Other portions of Newport Bay still need a TMDL.	

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-02130105-T-KITTS_BRANCH Newport Bay	WO	Aquatic Life and Wildlife Coastal Bay	BOD, Biochemical oxygen demand	Direct Measurement Industrial Point Source Discharge	TMDL approved TMDLs approved by EPA for Kitts Branch, Ayer Creek, Newport Bay and Newport Creek. Other portions of Newport Bay still need a TMDL.	2006
MD-02130105-T-NEWPORT_CREEK Newport Bay	WO	Aquatic Life and Wildlife Coastal Bay	Nitrogen (Total)	Dissolved Oxygen Agriculture	TMDL approved TMDLs approved by EPA for Kitts Branch, Ayer Creek, Newport Bay and Newport Creek. Other portions of Newport Bay still need a TMDL.	2006
MD-02130105-T-NEWPORT_BAY Newport Bay	WO	Aquatic Life and Wildlife Coastal Bay	Nitrogen (Total)	Dissolved Oxygen Agriculture	TMDL approved TMDLs approved by EPA for Kitts Branch, Ayer Creek, Newport Bay and Newport Creek. Other portions of Newport Bay still need a TMDL.	2006
MD-021301060672-Big_Mill_Pond Chincoteague Bay	WO	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Agriculture	TMDL approved	2002
MD-021301060672-Big_Mill_Pond Chincoteague Bay	WO	Aquatic Life and Wildlife Impoundments	Sedimentation/siltation	Unknown Agriculture	TMDL approved	2002
MD-POCMH-OH-02130201 Pocomoke Sound	SO	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved This listing was split back out from the combined listing in 2008 (AU-ID: MD-POCMH-OH-Pocomoke_Sound-River) for TMDL accounting purposes. A joint TMDL written in concert with VA was approved in 2009.	2010

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-POCOH-02130202 Lower Pocomoke River	SO	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2010 This listing was split back out from the combined listing in 2008 (AU-ID: MD-POCMH-OH-Pocomoke_Sound-River) for TMDL accounting purposes. A joint TMDL written in concert with VA was approved in 2009.
MD-021302030648- Adkins_Pond Upper Pocomoke River	WI	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Agriculture	TMDL approved	2002
MD-021302030648- Adkins_Pond Upper Pocomoke River	WI	Aquatic Life and Wildlife Impoundments	Sedimentation/siltation	Unknown Agriculture	TMDL approved	2002
MD-02130204 Dividing Creek	WI, WO, SO	Water Contact Sports River Mainstem	Fecal Coliform	Direct Measurement Source Unknown	TMDL approved	2009 Inadvertantly listed as a tidal water in 1996. Changed to non-tidal in 2004 to refine the area of impairment.
MD-MANMH MANMH - Manokin River Mesohaline	SO	Seasonal Migratory Fish Spawning and Nursery Subcategory. Chesapeake Bay segment	Nitrogen (Total)	Dissolved Oxygen Agriculture	TMDL approved	2006 This listing captures the previous nutrient listing (and TMDL) from watershed 02130208.
MD-MANMH MANMH - Manokin River Mesohaline	SO	Seasonal Migratory Fish Spawning and Nursery Subcategory. Chesapeake Bay segment	BOD, Biochemical oxygen demand	Direct Measurement Agriculture	TMDL approved	2006 This listing captures the previous nutrient listing (and TMDL) from watershed 02130208.

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-MANMH	SO	Open-Water Fish and Shellfish Subcategory	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2006
MANMH - Manokin River Mesohaline		Chesapeake Bay segment		Agriculture	This listing captures the previous nutrient listing (and TMDL) from watershed 02130208.	
MD-MANMH-MANOKIN_RIVER	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MANMH - Manokin River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-MANMH	SO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
MANMH - Manokin River Mesohaline		Chesapeake Bay segment		Agriculture	This listing captures the previous nutrient listing (and TMDL) from watershed 02130208.	
MD-MANMH-ST.PETERS_CREEK	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MANMH - Manokin River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-021303010558-Tony_Tank_Lake	WI	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2000
Lower Wicomico River		Impoundments		Agriculture		
MD-021303010558-Tony_Tank_Lake	WI	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2000
Lower Wicomico River		Impoundments		Urban Runoff/Storm Sewers		
MD-WICMH-02130301	WI, SO	Aquatic Life and Wildlife	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2002
WICMH - Wicomico River Mesohaline		Chesapeake Bay segment		Urban Runoff/Storm Sewers	A TMDL for BOD was approved for the Lower Wicomico River (02130301) portion of WICMH.	

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MD-WICMH-WICOMICO_RIVER	WI, SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
WICMH - Wicomico River Mesohaline		Tidal Shellfish Area		Natural Sources		
MD-02130304	WI	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Fish and Benthic IBIs	TMDL approved	2002
Wicomico River Headwaters		Non-tidal 8-digit watershed		Agriculture	TMDL Includes Johnson Pond	
MD-02130304	WI	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Wicomico River Headwaters		River Mainstem		Non-Point Source	Inadvertantly listed as a tidal water in 1996. Changed to non-tidal in 2004 to refine the area of impairment.	
MD-02130304	WI	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
Wicomico River Headwaters		Non-tidal 8-digit watershed		Agriculture	TMDL Includes Johnson Pond	
MD-NANMH-NANTICOKE_RIVER	DO, WI	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
NANMH - Lower Nanticoke River Mesohaline		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)		
MD-HNGMH-Back_Creek	DO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Honga River		Tidal Shellfish Area		Wastes from Pets		
MD-021304030463-La_Trappe_Creek_Pond	TA	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2004
Lower Choptank River		Impoundments		Municipal Point Source Discharges		
MD-02130403-UTLTC	TA	Aquatic Life and Wildlife	BOD, nitrogenous	Direct Measurement	TMDL approved	2004
Lower Choptank River		Non-tidal Segment(s)		Municipal Point Source Discharges	TMDL developed for the unnamed trib to La Trappe Creek.	

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MD-02130403-UTLTC Lower Choptank River	TA	Aquatic Life and Wildlife Non-tidal Segment(s)	BOD, carbonaceous	Direct Measurement Municipal Point Source Discharges	TMDL approved	2004
MD-CHOMH1- San_Domingo_Creek_NW_B ranch Lower Choptank River	TA	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006
MD-CHOMH2-Goose_Creek Lower Choptank River	DO	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006
MD-CHOMH1- Northeast_Branch Lower Choptank River	TA	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006
MD-CHOMH1- TOWN_CREEK Lower Choptank River	TA	Aquatic Life and Wildlife Tidal subsegment	BOD, Biochemical oxygen demand	Direct Measurement Agriculture	TMDL approved	2004
MD-CHOMH1- San_Domingo_Creek_NE_Br anch Lower Choptank River	TA	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2008
MD-CHOMH1- Tred_Avon_River Lower Choptank River	TA	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006

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MD-CHOMH2-LOWER_CHOPTANK_RIVER_MAINSTEM	TA, DO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Lower Choptank River		Tidal Shellfish Area		Manure Runoff	A new shellfishing area contiguous to this listing was added to the area of impairment. It is represented by the listing MD-CHOMH2-CHOPTANK_RIVER_MAINSTEM2	
MD-CHOMH2-Warwick_River	DO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River		Tidal Shellfish Area		Manure Runoff		
MD-CHOMH2-Indian_Creek	DO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River		Tidal Shellfish Area		Manure Runoff		
MD-02130405-Tuckahoe_Lake	QA, CA	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Tuckahoe Creek		Impoundments		Atmospheric Deposition - Toxics		
MD-EASMH-Little_Creek	QA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Eastern Bay		Tidal Shellfish Area		Manure Runoff		
MD-EASMH-Miles_River	TA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Miles River		Tidal Shellfish Area		Manure Runoff	An additional area was added to this restricted shellfish area and was not covered under this TMDL. See listing for MD-EASMH-Miles_River2.	
MD-EASMH-Leeds_Creek	TA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Miles River		Tidal Shellfish Area		Wastes from Pets		
MD-EASMH-Wye_River	QA, TA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Wye River		Tidal Shellfish Area		Wildlife Other than Waterfowl		

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MD-CHSOH-Chester_River	KE, QA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
Lower Chester River		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)		
MD-CHSOH	KE, QA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2008
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Agriculture	TMDLs for nitrogen have been approved for the Middle Chester and Upper Chester portions of CHSOH.	
MD-CHSOH	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Agriculture	TMDLs for phosphorus have been approved for the Middle Chester, Southeast River and Upper Chester River portions of CHSOH.	
MD-CHSOH	KE, QA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Agriculture	TMDLs for phosphorus have been approved for the Middle Chester, Southeast River and Upper Chester River portions of CHSOH.	
MD-CHSOH	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2008
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Agriculture	TMDLs for nitrogen have been approved for the Middle Chester and Upper Chester portions of CHSOH.	
MD-CHSMH-Corsica_River	QA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Corsica River		Tidal Shellfish Area		Manure Runoff		
MD-CHSOH-Chester_River	KE, QA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
Southeast Creek		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)		

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MD-021305090415-Urieville_Lake	KE	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2000
Middle Chester River		Impoundments		Agriculture		
MD-021305090415-Urieville_Lake	KE	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2000
Middle Chester River		Impoundments		Agriculture		
MD-CHSOH-Chester_River	KE, QA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
Middle Chester River		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)		
MD-CHSTF	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2008
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Agriculture	This listing captures the previous nutrient listing (and TMDL) from watershed 02130510.	
MD-CHSTF	KE, QA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2008
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Agriculture	This listing captures the previous nutrient listing (and TMDL) from watershed 02130510.	
MD-CHSTF	KE, QA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Agriculture	This listing captures the previous nutrient listing (and TMDL) from watershed 02130510.	
MD-CHSTF	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Agriculture	This listing captures the previous nutrient listing (and TMDL) from watershed 02130510.	

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MD-BOHOH	CE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Agriculture		
MD-BOHOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2002
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Agriculture		
MD-BOHOH	CE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2002
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Agriculture		
MD-BOHOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Agriculture		
MD-NORTF	CE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Agriculture	This listing captures the previous nutrient listing (and TMDL) for watershed 02130608.	
MD-NORTF	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Agriculture	TMDL Completed.	
MD-NORTF	CE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Agriculture	This listing captures the previous nutrient listing (and TMDL) for watershed 02130608.	

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MD-NORTF	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Agriculture	TMDL Completed.	
MD-SASOH	CE, KE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2004
SASOH - Sassafra River Oligohaline		Chesapeake Bay segment		Agriculture		
MD-SASOH	CE, KE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2004
SASOH - Sassafra River Oligohaline		Chesapeake Bay segment		Agriculture		
MD-02130805	BA, CR	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2009
Loch Raven Reservoir		River Mainstem		Source Unknown	Was relisted in 2008	
MD-02130805-Loch_Raven_Reservoir	BA, CR	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2008
Loch Raven Reservoir		Impoundments		Agriculture		
MD-02130805-Loch_Raven_Reservoir	BA, CR	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
Loch Raven Reservoir		Impoundments		Urban Runoff/Storm Sewers		
MD-02130805-Loch_Raven_Reservoir	BA, CR	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2006
Loch Raven Reservoir		Impoundments		Atmospheric Deposition - Toxics		
MD-02130806	BA, CR	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2009
Prettyboy Reservoir		River Mainstem		Source Unknown		

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-021308060313- Prettyboy_Reservoir	BA	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2006
Prettyboy Reservoir		Impoundments		Atmospheric Deposition - Toxics		
MD-021308060313- Prettyboy_Reservoir	BA	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
Prettyboy Reservoir		Impoundments		Agriculture		
MD-02130901- HERRING_RUN	BA, BC	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Back River		River Mainstem		Non-Point Source	applies to basin numbers 02-13-09-01-10- 40, 41, 42	
MD-BACOH	BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
BACOH - Back River Oligohaline		Chesapeake Bay segment		Municipal Point Source Discharges		
MD-BACOH	BA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
BACOH - Back River Oligohaline		Chesapeake Bay segment		Municipal Point Source Discharges		
MD-BACOH	BA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
BACOH - Back River Oligohaline		Chesapeake Bay segment		Municipal Point Source Discharges		
MD-BACOH	BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
BACOH - Back River Oligohaline		Chesapeake Bay segment		Municipal Point Source Discharges		

<i>Assessment Unit</i>	<i>County</i>	<i>Designated Use</i>	<i>Cause</i>	<i>Indicator</i>	<i>Reason For Removal</i>	<i>Cycle Delisted</i>
<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-BACOH	BA	Fishing	Chlordane	Direct Measurement	TMDL approved	2002
BACOH - Back River Oligohaline		Chesapeake Bay segment		Contaminated Sediments		
MD-PATMH	AA, BA, BC	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	TMDL completed for the Baltimore Harbor portion of PATMH. TMDL does not address the Bodkin Creek (02130902) portion of PATMH. The Bodkin Creek portion still needs a TMDL.	
MD-PATMH	AA, BA, BC	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2008
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	TMDL completed for the Baltimore Harbor portion of PATMH. TMDL does not address the Bodkin Creek (02130902) portion of PATMH. The Bodkin Creek portion still needs a TMDL.	
MD-PATMH	AA, BA, BC	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	TMDL completed for the Baltimore Harbor portion of PATMH. TMDL does not address the Bodkin Creek (02130902) portion of PATMH. The Bodkin Creek portion still needs a TMDL.	
MD-PATMH	BA, AA	Aquatic Life and Wildlife	Mercury	Direct Measurement		
PATMH - Patapsco River Mesohaline		Point source discharge		Industrial Point Source Discharge	ICS Listing - Chemetals is currently known as Erachem.	
MD-PATMH	BA, AA	Aquatic Life and Wildlife	Copper	Direct Measurement		
PATMH - Patapsco River Mesohaline		Point source discharge		Industrial Point Source Discharge	ICS Listings - Chemetals is currently known as Erachem.	

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-PATMH-02130903	AA, BA, BC	Aquatic Life and Wildlife	Chlordane - sediments	Direct Measurement	TMDL approved	2002
Baltimore Harbor Watershed		Chesapeake Bay segment		Contaminated Sediments	This listing only applies to the Baltimore Harbor (02130903) portion of PATMH.	
MD-PATMH	AA, BA, BC	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	TMDL completed for the Baltimore Harbor portion of PATMH. TMDL does not address the Bodkin Creek (02130902) portion of PATMH. The Bodkin Creek portion still needs a TMDL.	
MD-PATMH	BA, AA	Aquatic Life and Wildlife	Nickel	Direct Measurement		
PATMH - Patapsco River Mesohaline		Point source discharge		Industrial Point Source Discharge	ICS Listings - SCM Hawkins Point is currently known as Millenium Inorganic Chemicals. Chemetals is currently known as Erachem. (Source-Beth. Steel, SCM Hawkins Pt(Millenium), Chemetals (Erachem))	
MD-PATMH	AA, BA, BC	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2008
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	TMDL completed for the Baltimore Harbor portion of PATMH. TMDL does not address the Bodkin Creek (02130902) portion of PATMH. The Bodkin Creek portion still needs a TMDL.	
MD-PATMH	AA, BA, BC	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2008
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	TMDL completed for the Baltimore Harbor portion of PATMH. TMDL does not address the Bodkin Creek (02130902) portion of PATMH. The Bodkin Creek portion still needs a TMDL.	
MD-PATMH	BA, AA	Aquatic Life and Wildlife	Cyanide	Direct Measurement		
PATMH - Patapsco River Mesohaline		Point source discharge		Industrial Point Source Discharge	ICS Listing (Bethlehem Steel)	

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-02130904 Jones Falls	BA, BC	Water Contact Sports River Mainstem	Fecal Coliform	Direct Measurement Discharges from Municipal Separate Storm Sewer Systems (MS4)	TMDL approved	2008
MD-02130904- LAKE_ROLAND Jones Falls	BA, BC	Fishing Impoundments	Chlordane	Direct Measurement Contaminated Sediments	TMDL approved	2002
MD-02130905 Gwynns Falls	BA, BC	Water Contact Sports River Mainstem	Fecal Coliform	Direct Measurement Non-Point Source	TMDL approved	2008
MD-02130905 Gwynns Falls	BA, BC	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS) 24%	Fish and Benthic IBIs Urban Runoff/Storm Sewers	TMDL approved The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	2010
MD-02130906 Patapsco River Lower North Branch	AA, BA, BC, HO, CR	Water Contact Sports River Mainstem	Fecal Coliform	Direct Measurement Source Unknown	TMDL approved Was relisted in 2008	2009
MD-02130907 Liberty Reservoir	BA, CR	Water Contact Sports River Mainstem	Fecal Coliform	Direct Measurement Source Unknown	TMDL approved MDE is curently collecting additional data in the reservoir watershed to target Source Unknown. As a result of these data, bacterial listing changes may occur in the next 303(d) cycle.	2009
MD-MAGMH-Forked_Creek MAGMH - Magothy River Mesohaline	AA	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Wastes from Pets	TMDL approved	2006

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-MAGMH-Magothy_River	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MAGMH - Magothy River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-SEVMH- WHITEHALL_MEREDITH_C REEKS	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
SEVMH - Severn River Mesohaline		Tidal Shellfish Area		Wastes from Pets	Original shellfish-area listing for Severn River was split into 3 separate listings in 2004 to refine area of impairment. These listings were split into: the mainstem Severn, Mill Creek, and a combined listing for Meredith and Whitehall Creek.	
MD-SEVMH-MILL_CREEK	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
SEVMH - Severn River Mesohaline		Tidal Shellfish Area		Wastes from Pets	Original shellfish-area listing for Severn River was split into 3 separate listings in 2004 to refine area of impairment. These listings were split into: the mainstem Severn, Mill Creek, and a combined listing for Meredith and Whitehall Creek.	
MD-SEVMH- SEVERN_RIVER	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
SEVMH - Severn River Mesohaline		Tidal Shellfish Area		Wastes from Pets	Original shellfish-area listing for Severn River was split into 3 separate listings in 2004 to refine area of impairment. These listings were split into: the mainstem Severn, Mill Creek, and a combined listing for Meredith and Whitehall Creek.	
MD-SOUMH-SOUTH_RIVER	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-SOUMH- RAMSEY_LAKE	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline		Tidal Shellfish Area		Wastes from Pets		

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-SOUMH-DUVALL_CREEK	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-SOUMH-SELBY_BAY	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-WSTMH-PARISH_CREEK	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
WSTMH - West River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-RHDMH-Cadle_Creek	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
RHDMH - Rhode River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-WSTMH-WEST_RIVER	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
WSTMH - West River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-RHDMH-Bear_Neck_Creek	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
RHDMH - Rhode River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-CB4MH-TracyRockhold_Creeks	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
CB4MH - Middle Chesapeake Bay Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-021311010873-Lake_Lariat	CV	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Patuxent River lower		Impoundments		Atmospheric Deposition - Toxics		

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-PAXMH-OIL_SPILL1	CH, PG, SM	Aquatic Life and Wildlife	Oil spill - PAHs	Direct Measurement	Golden Beach area (W6) and W4 delisted.	2002
PAXMH - Lower Patuxent River Mesohaline		Point source discharge		Pipeline Breaks	Listed due to the April 7th, 2000 PEPCO oil spill. Only those segments which have not met Phase I or Phase II clean-up status are considered impaired. Includes Swanson, Washington, Trent Hall, Persimmon, Indian, and Cremona Creeks.	
MD-PAXMH-WASHINGTON_PERSIMMON_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-CB5MH-HARPER_PEARSON_CREEKS	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
CB5MH - Lower Chesapeake Bay Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-CB5MH-GOOSE_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
CB5MH - Lower Chesapeake Bay Mesohaline		Tidal Shellfish Area		Wastes from Pets	No longer monitored. Originally monitored to see if area was suitable for aquaculture operations.	
MD-PAXMH-TOWN_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-PAXMH-CUCKOLD_CREEK	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Manure Runoff		

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-PAXMH-ST.THOMAS_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-PAXMH-SOLOMONS_ISLAND_HARBOR	CV	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-PAXMH-MILL_CREEK	CH	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Non-Point Source	MDE began sampling station 09-01-012 in May 2004. Current data do not show that this station meets shellfish water quality criteria.	
MD-PAXMH-TRENT_HALL_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-PAXMH-OIL_SPILL2	CV	Aquatic Life and Wildlife	Oil spill - PAHs	Direct Measurement		
PAXMH - Lower Patuxent River Mesohaline		Point source discharge		Pipeline Breaks	Listed due to the April 7th, 2000 PEPCO oil spill. Only those segments which have not met Phase I or Phase II clean-up status are considered impaired. Includes Craney Creek and Buena Vista.	
MD-WBRTF	PG	Open-Water Fish and Shellfish Subcategory	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2002
WBRTF - Western Branch Patuxent River Tidal Fresh		Chesapeake Bay segment		Municipal Point Source Discharges		
MD-WBRTF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2002
WBRTF - Western Branch Patuxent River Tidal Fresh		Chesapeake Bay segment		Municipal Point Source Discharges		

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-021311050955-Centennial_Lake Little Patuxent River	HO	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Agriculture	TMDL approved	2004
MD-021311050955-Centennial_Lake Little Patuxent River	HO	Aquatic Life and Wildlife Impoundments	Sedimentation/siltation	Unknown Agriculture	TMDL approved	2004
MD-021311070941-Rocky_Gorge_Reservoir Rocky Gorge Dam	HO, MO, PG	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Source Unknown	TMDL approved Name of listing changed from Duckett Reservoir to proper name as Rocky Gorge Reservoir.	2009
MD-021311080966-Triadelphia_Reservoir Brighton Dam	MO, HO	Aquatic Life and Wildlife Impoundments	Sedimentation/siltation	Unknown Source Unknown	TMDL approved	2009
MD-021311080966-Triadelphia_Reservoir Brighton Dam	MO, HO	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Source Unknown	TMDL approved	2009
MD-POTMH-OH-02140101 Potomac River Lower Tidal	CH, SM	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Upstream Source	TMDL approved TMDLs for the tidal portion of the Anacostia and Potomac Rivers were jointly developed between VA, DC, and MD. These TMDLs addressed tidal PCB listings in these MD watersheds: 02140101, 02140102, 02140201, and 02140205.	2008
MD-POTMH-Whites_Neck_Creek Potomac River Lower tidal	SM	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-POTOH-TF-02140102 Potomac River Middle Tidal	CH	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Upstream Source	TMDL approved	2008
					TMDLs for the tidal portion of the Anacostia and Potomac Rivers were jointly developed between VA, DC, and MD. These TMDLs addressed tidal PCB listings in these MD watersheds: 02140101, 02140102, 02140201, and 02140205.	
MD-021401030718- ST_MARYS_LAKE St. Mary's River	SM	Fishing Impoundments	Mercury in Fish Tissue	Direct Measurement Atmospheric Deposition - Toxics	TMDL approved	2004
MD-POTMH- LOCUST_GROVE_COVE POTMH - Lower Potomac River Mesohaline	SM	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006
					Also known as St. Georges Creek.	
MD-POTMH- ST.INIGOES_CREEK POTMH - Lower Potomac River Mesohaline	SM	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006
MD-POTMH- CHERRY_COVE_CREEK POTMH - Lower Potomac River Mesohaline	SM	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Wastes from Pets	TMDL approved	2006
MD-POTMH- ST.PATRICKS_CREEK POTMH - Lower Potomac River Mesohaline	SM	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006
MD-POTMH-Chaptico_Bay Wicomico River	SM	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-POTMH-CHARLESTON_CREEK	CH	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-POTOH2	CH	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
POTOH2 - Port Tobacco River Oligohaline		Chesapeake Bay segment		Agriculture	Nutrient TMDL approved.	
MD-POTOH2	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
POTOH2 - Port Tobacco River Oligohaline		Chesapeake Bay segment		Agriculture	Nutrient TMDL approved.	
MD-POTOH2	CH	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2002
POTOH2 - Port Tobacco River Oligohaline		Chesapeake Bay segment		Agriculture	Nutrient TMDL approved.	
MD-POTOH2	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2002
POTOH2 - Port Tobacco River Oligohaline		Chesapeake Bay segment		Agriculture	Nutrient TMDL approved.	
MD-MATTF	CH	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
MATTF - Mattawoman Creek Tidal Fresh		Chesapeake Bay segment		Urban Runoff/Storm Sewers	This listing captures the previous nutrient listing (and TMDL) for watershed 02140111.	
MD-MATTF	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
MATTF - Mattawoman Creek Tidal Fresh		Chesapeake Bay segment		Urban Runoff/Storm Sewers	This listing captures the previous nutrient listing (and TMDL) for watershed 02140111.	

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-MATTF	CH	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
MATTF - Mattawoman Creek Tidal Fresh		Chesapeake Bay segment		Agriculture	This listing captures the previous nutrient listing (and TMDL) for watershed 02140111.	
MD-MATTF	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2006
MATTF - Mattawoman Creek Tidal Fresh		Chesapeake Bay segment		Agriculture	This listing captures the previous nutrient listing (and TMDL) for watershed 02140111.	
MD-POTTF-02140201	PG, CH	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2008
Potomac River Upper tidal		Tidal subsegment		Upstream Source	TMDLs for the tidal portion of the Anacostia and Potomac Rivers were jointly developed between VA, DC, and MD. These TMDLs addressed tidal PCB listings in these MD watersheds: 02140101, 02140102, 02140201, and 02140205.	
MD-02140203	PG	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Piscataway Creek		River Mainstem		Non-Point Source		
MD-02140205	MO, PG	Aquatic Life and Wildlife	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2009
Anacostia River		Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		
MD-02140205	MO, PG	Aquatic Life and Wildlife	Phosphorus (Total)	Direct Measurement	TMDL approved	2009
Anacostia River		Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-02140205	MO, PG	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Fish and Benthic IBIs	TMDL approved	2008
Anacostia River		Non-tidal 8-digit watershed		Urban Runoff/Storm Sewers	A joint TMDL developed in cooperation with DC was approved for both the tidal and nontidal portions of the Anacostia that addressed the sediment/TSS impairment. TMDL approved by EPA on 7/24/07.	
MD-02140205	MO, PG	Aquatic Life and Wildlife	Nitrogen (Total)	Direct Measurement	TMDL approved	2009
Anacostia River		Non-tidal 8-digit watershed		Discharges from Municipal Separate Storm Sewer Systems (MS4)		
MD-02140205	MO, PG	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Anacostia River		River Mainstem		Non-Point Source		
MD-ANATF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Direct Measurement	TMDL approved	2009
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	MSN designated use cannot be evaluated until the assessment methodology for the 7-day and 1-day dissolved oxygen criteria is established by EPA.	
MD-ANATF	PG	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Wastes from Pets	Reestablished as separate listing from non tidal portion in 2004. TMDL approved on 9/19/06.	
MD-ANATF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2009
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	MSN designated use cannot be evaluated until the assessment methodology for the 7-day and 1-day dissolved oxygen criteria is established by EPA.	

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-ANATF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Direct Measurement	TMDL approved	2009
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	MSN designated use cannot be evaluated until the assessment methodology for the 7-day and 1-day dissolved oxygen criteria is established by EPA.	
MD-ANATF	PG	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Direct Measurement	TMDL approved	2009
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	Ches. Bay tributary already listed for Nutrients in 1996. Dissolved oxygen levels are an indicator of nutrient impairment. Bay tributary segments cannot be delisted for nutrients until all dissolved oxygen criteria are met.	
MD-ANATF	PG	Open-Water Fish and Shellfish Subcategory	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2009
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	Ches. Bay tributary already listed for Nutrients in 1996. Dissolved oxygen levels are an indicator of nutrient impairment. Bay tributary segments cannot be delisted for nutrients until all dissolved oxygen criteria are met.	
MD-ANATF-02140205	PG	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2008
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Upstream Source	TMDLs for the tidal portion of the Anacostia and Potomac Rivers were jointly developed between VA, DC, and MD. These TMDLs addressed tidal PCB listings in these MD watersheds: 02140101, 02140102, 02140201, and 02140205.	
MD-ANATF	PG	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Direct Measurement	TMDL approved	2009
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	Ches. Bay tributary already listed for Nutrients in 1996. Dissolved oxygen levels are an indicator of nutrient impairment. Bay tributary segments cannot be delisted for nutrients until all dissolved oxygen criteria are met.	

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-ANATF	PG	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2008
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Channel Erosion/Incision from Upstream Hydromodifications	A joint TMDL developed in cooperation with DC was approved for both the tidal and nontidal portions of the Anacostia that addressed the sediment/TSS impairment. TMDL approved by EPA on 7/24/07.	
MD-02140206	MO	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Rock Creek		River Mainstem		Non-Point Source		
MD-02140207	MO	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Cabin John Creek		River Mainstem		Non-Point Source		
MD-021402080857-Clopper_Lake	MO	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2002
Seneca Creek		Impoundments		Urban Runoff/Storm Sewers		
MD-021402080857-Clopper_Lake	MO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
Seneca Creek		Impoundments		Urban Runoff/Storm Sewers		
MD-02140302	CR, FR, MO	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2009
Lower Monocacy River		River Mainstem		Source Unknown		
MD-02140302-LAKE_LINGANORE	FR	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2004
Lower Monocacy River		Impoundments		Municipal Point Source Discharges		
MD-02140302	CR, FR, MO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Fish and Benthic IBIs	TMDL approved	2009
Lower Monocacy River		Non-tidal 8-digit watershed		Source Unknown		

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-02140302- LAKE_LINGANORE Lower Monocacy River	FR	Aquatic Life and Wildlife Impoundments	Sedimentation/siltation	Unknown Agriculture	TMDL approved	2004
MD-02140303 Upper Monocacy River	CR, FR	Water Contact Sports River Mainstem	Fecal Coliform	Direct Measurement Source Unknown	TMDL approved	2009
MD-02140303 Upper Monocacy River	CR, FR	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	Fish and Benthic IBIs Agriculture	TMDL approved	2010
MD-02140304 Double Pipe Creek	CR, FR	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	Fish and Benthic IBIs Agriculture	TMDL approved	2009
MD-02140304 Double Pipe Creek	CR, FR	Water Contact Sports River Mainstem	Fecal Coliform	Direct Measurement Source Unknown	TMDL approved	2009
MD-02140305 Catoctin Creek	FR	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	Fish and Benthic IBIs Crop Production (Crop Land or Dry Land)	TMDL approved	2009
MD-02140502 Antietam Creek	WA	Water Contact Sports River Mainstem	Fecal Coliform	Direct Measurement Source Unknown	TMDL approved	2009
MD-02140502 Antietam Creek	WA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	Fish and Benthic IBIs Source Unknown	TMDL approved	2009
MD-02140504 Conococheague Creek	WA	Water Contact Sports River Mainstem	Fecal Coliform	Direct Measurement Source Unknown	TMDL approved	2009

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-02140504	WA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Fish and Benthic IBIs	TMDL approved	2009
Conococheague Creek		Non-tidal 8-digit watershed		Source Unknown		
MD-021410020107-Lake_Habeeb	AL	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2000
Evitts Creek		Impoundments		Non-Point Source		
MD-02141002	AL	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Fish and Benthic IBIs	TMDL approved	2008
Evitts Creek		Non-tidal 8-digit watershed	37%	Agriculture	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. The TMDL for TSS thus addresses a portion of the biological impairment listing.	
MD-021410030098-JENNINGS_RUN	AL, GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Wills Creek		Non-tidal Segment(s)		Acid Mine Drainage	Impairment is limited to the stream segment represented by station 60 (not whole 12-digit watershed) in the unnamed tributary of Jennings Run will be listed on Category 5	
MD-02141003	AL, GA	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Wills Creek		River Mainstem		Non-Point Source		
MD-021410030099-JENNINGS_RUN	AL, GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Wills Creek		Non-tidal Segment(s)		Acid Mine Drainage		
MD-02141003	AL, GA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Fish and Benthic IBIs	TMDL approved	2008
Wills Creek		Non-tidal 8-digit watershed	31%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. The TMDL for TSS addresses a portion of the biological impairment listing.	

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-021410030099-UT1_JENNINGS_RUN Wills Creek	AL, GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved	2008
MD-021410030099-UT2_JENNINGS_RUN Wills Creek	AL, GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved	2008
MD-02141004 Georges Creek	AL, GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	Fish and Benthic IBIs Urban Runoff/Storm Sewers	TMDL approved	2006
MD-021410040094 Georges Creek	AL, GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved Grouped into a single Category 5 listing on the 2006 IR. Now split out for tracking purposes.	2008
MD-021410040092 Georges Creek	AL, GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved Grouped into a single Category 5 listing on the 2006 IR. Now split out for tracking purposes.	2008
MD-021410040088 Georges Creek	AL, GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved Grouped into a single Category 5 listing on the 2006 IR. Now split out for tracking purposes.	2008
MD-02141004 Georges Creek	AL, GA	Water Contact Sports River Mainstem	Fecal Coliform	Direct Measurement Non-Point Source	TMDL approved	2008
MD-02141004_MAINSTEM Georges Creek	AL	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	Technological Fix Applies to segment below McDonald Mine near Barton, MD. Doser upgrade planned in 2008.	2008

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-02141004 Georges Creek	AL, GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved	2008
MD-02141004 Georges Creek	AL, GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	BOD, nitrogenous	Direct Measurement Non-Point Source	TMDL approved	2002
MD-02141004 Georges Creek	AL, GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	BOD, carbonaceous	Direct Measurement Non-Point Source	TMDL approved	2002
MD-02141005 Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	Fish and Benthic IBIs Livestock (Grazing or Feeding Operations)	TMDL approved	2008
MD-02141005 Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved Erroneously changed to sulfates for impairing substance, changed back to original 1996 listing for Low pH Acid Mine May 25, 2005	2008
MD-021410050048- Three_Forks_Run Upper North Branch Potomac River	GA	Aquatic Life and Wildlife Subwatershed	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved	2008
MD-021410060077- Savage_Reservoir Savage River	AL, GA	Fishing Impoundments	Mercury in Fish Tissue	Direct Measurement Atmospheric Deposition - Toxics	TMDL approved	2004
MD-02141006- AARONS_RUN Savage River	GA	Aquatic Life and Wildlife Subwatershed	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved Correct Listing date is 2004 -"Analysis of Aarons Run and Jennings Run Benthic Macroinvertebrates, Fishes and Physical Habitat, Morgan et al, December 2000	2008

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-05020201 Youghiogheny River	GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved	2008
MD-05020201- CHERRY_CREEK Youghiogheny River	GA	Water Contact Sports Non-tidal Segment(s)	Fecal Coliform	Direct Measurement Source Unknown	TMDL approved listing is for upstream of station CHC0008	2009
MD-05020201 Youghiogheny River	GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	Fish and Benthic IBIs Livestock (Grazing or Feeding Operations)	TMDL approved	2006
MD-05020202 Little Youghiogheny River	GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	BOD, nitrogenous	Direct Measurement Municipal Point Source Discharges	TMDL approved	2002
MD-05020202 Little Youghiogheny River	GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	Fish and Benthic IBIs Agriculture	TMDL approved	2008
MD-050202020026- Broadford_Lake Little Youghiogheny River	GA	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Non-Point Source	TMDL approved	2000
MD-05020202 Little Youghiogheny River	GA	Water Contact Sports River Mainstem	Fecal Coliform	Direct Measurement Source Unknown	TMDL approved	2009
MD-05020202 Little Youghiogheny River	GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	BOD, carbonaceous	Direct Measurement Municipal Point Source Discharges	TMDL approved	2002
MD-050202030029 Deep Creek Lake	GA	Aquatic Life and Wildlife Subwatershed	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved	2004

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<i>Basin Name</i>		<i>Water Type Detail</i>	<i>Percent Attributable Risk</i>	<i>Sources</i>	<i>Notes</i>	
MD-05020203- Deep_Creek_Lake	GA	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Deep Creek Lake		Impoundments		Atmospheric Deposition - Toxics		
MD-05020204	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River		Non-tidal 8-digit watershed	62%	Acid Mine Drainage	The Biostressor analysis indicated that low pH is a major stressor affecting biological integrity in this watershed. The TMDL for pH addresses a portion of the biological impairment listing.	
MD-050202040038- Big_Piney_Reservoir	GA	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Casselman River		Impoundments		Atmospheric Deposition - Toxics		