

Exhibit L

Draft 2012 Integrated Report of Surface Water Quality, Part
F.4 Category 4a Waters (Feb. 13, 2012)

F.4 Category 4a Waters

The following text describes the background and rationale for reevaluating Maryland's previously approved nutrient TMDLs for tidal tributaries to Chesapeake Bay. The Category 4a listings begin after this discussion.

Reevaluating Previously Developed TMDLs for Maryland Tidal Waters in Light of the Chesapeake Bay TMDL

The establishment of the Bay TMDL resolves a 1998 Memorandum of Understanding (MOU) between Maryland and EPA pertaining to a host of outstanding tidal water listings for nutrient and sediment impairments dating to 1996 and 1998 on the State's 303(d) Lists, now incorporated in the Integrated Report of Surface Water Quality of Maryland. The MOU stipulates that these listings (as well as a number of non-tidal listings) must be addressed by 2011. The Bay TMDL effectively achieves this for all of the State's tidal Chesapeake Bay water quality segment listings for those pollutants, setting TMDLs of nitrogen, phosphorus, and sediment for each Bay segment still identified as impaired by those pollutants on the State's 2008 Integrated Report (the listing year used in the Bay TMDL). At the same time, the issuance of the Bay TMDL raises questions regarding the status of several nutrient TMDLs for tidal waterbodies within the Bay watershed previously developed by the State and approved by EPA over the last 15 years.

Decision and Rationale for Reevaluation Process

Given the numerous refinements in recent years in the development of Chesapeake Bay water quality criteria, modeling frameworks, assessment methodologies, improvements in water quality monitoring, and greatly expanded data collection, all of which played a vital role in the development of the Bay TMDL, it is appropriate to reevaluate whether Maryland's previous tidal nutrient TMDLs should be superseded by the individual Bay TMDLs for the corresponding Bay Water Quality Segments. The decision to replace a previously developed tidal TMDL with the relevant Bay TMDL is based on a comparison of the two to determine whether there is a lack of consistency due to significant differences in 1) the applicable water quality standards at the time the TMDLs were developed; 2) the modeling tools that were used; and 3) the monitoring data used in the respective analyses of each TMDL. Where it is determined that the previous TMDL was developed using standards, models or data that have since been revised, updated or replaced by those used in the development of the Bay TMDL, then the individual Bay TMDL for the relevant corresponding Bay Water Quality Segment shall replace the previously developed TMDL as the newly applicable TMDL in force for that impaired segment and its associated drainage area (segment-shed).

Due to changes in listing and assessment scales, there may be a concern that some previously developed TMDLs set allowable pollutant loads for smaller-scale waterbodies, and thus are more protective of "local" water quality than the TMDLs for larger Bay segments that would supplant them. For example, one might object that the Bay TMDL for the Chester Mesohaline segment will not be as protective of aquatic life in the Corsica River as Maryland's 2000 TMDL for the 8-digit Corsica watershed, which lies within that Bay segment, due to the much larger assessment unit addressed by the Bay TMDL. On the contrary, the Bay Program's Water Quality Model has not only verified that water quality standards are met throughout that entire segment under the Bay TMDL scenario, but also that the 92 Bay TMDLs

cumulatively meet standards throughout the entire Bay and its tidal tributaries, thus further ensuring protection to all waters, like the Corsica River, against potential impacts due to tidal flux from waters (and pollutant discharges) beyond any given segment.

It is also important to note that incremental loading scenarios run through the Bay Model have demonstrated that, as overall nutrient loads are further and further reduced, all of the Bay segments in the watershed gradually come into attainment of water quality criteria, with the central Bay mainstem segment CB4 reaching attainment last. This means that the waters in CB4 are the most difficult to bring into attainment, thereby driving the cumulative TMDL to a lower allowable load and requiring the most stringent reductions in order to meet water quality standards in all Bay waters. Meeting the nutrient loading limits needed for attainment in CB4 thus ensures that the individual Bay TMDLs will be protective of water quality in all other segments of the Bay and its tributaries.

Another potential concern is that some of Maryland's nutrient TMDLs for tidal waters were developed to address a specific local hydrological condition, e.g., low-flow conditions, and therefore should remain in force in order to protect local waters under those conditions. However, the Bay TMDLs are also protective for those conditions because they were developed using a time-variable model that enables water quality criteria assessment at multiple periods of varying hydrologic conditions, including seasonal high flow and low flow conditions. The Bay TMDLs also account for critical conditions, having been developed to be protective of water quality during a 3-year "critical period" selected as representative of an approximate 10-year return period (average time between occurrences of an event, e.g. a 10-year storm). For more on the critical period used in developing the Bay TMDLs, see the Summary Review below.

The following table lists all previously developed Maryland tidal nutrient TMDLs and indicates the reason(s) for which the reevaluation process has determined that a preexisting TMDL is to be superseded by the relevant corresponding Bay TMDL.

NOTE: Because the preexisting TMDLs for the Baltimore Harbor, the Middle and Upper Chester River, and the Anacostia River were developed to meet endpoints defined by the Chesapeake Bay Water Quality Standards that were also used to develop the Bay TMDL, they have been evaluated in terms of the relative stringency of the Total Nitrogen (TN) and Total Phosphorus (TP) allocations set by each of those preexisting TMDLs as compared with the TN and TP allocations set by the Bay TMDL. Where the preexisting TMDL sets more stringent loading limits for TN and/or TP than those required by the Bay TMDL, then the preexisting TMDL allocations shall continue to apply in that 8-digit watershed. Where the reverse is the case, i.e., the Bay TMDL is the more stringent for TN and/or TP, then the Bay TMDL allocations will supersede those of the preexisting TMDL. The Baltimore Harbor TMDL, for example, set allocations that meet standards in most of the Harbor's waters but did not meet in the Deep Channel, whereas more stringent allocations in the corresponding Bay TMDL (MD-PATMH) result in attainment in all waters in the Harbor, including the Deep Channel, as verified by the Bay Model.

In the table below, applicable Bay TMDLs are designated by their Bay Water Quality Segment labels as they appear in EPA's Chesapeake Bay TMDL; the term "preexisting" is used to indicate those cases where a previously developed TMDL remains as the applicable TMDL. [Note: Preexisting nutrient TMDLs for Manokin River, Lower Wicomico River, Western Branch, and Town Creek set loading limits for biochemical oxygen demand (BOD). These BOD TMDLs are superseded by the Bay TMDL

because impacts from BOD were taken into account in the development of the Bay TMDL loading limits for TN and TP, the controlling nutrient parameters impacting dissolved oxygen (DO) levels in the Bay. Because the preexisting Anacostia TMDL prevails as the applicable TMDL, the BOD loading limits established by it will remain in force, along with those for TN and TP.]

Table 34: Previously Developed Maryland TMDLs Reevaluated for Replacement by the Bay TMDL.

8-digit Watershed Assessment Units for Preexisting Tidal Nutrient TMDLs	Year Maryland Developed TMDL	Salinity-based Assessment Unit	Water Quality Standards Changed	Revised Model	More Recent Data	Applicable TMDL
Swan Creek (02130706)	2001	A portion of MD-CB1TF	X	X	X	MD-CB1TF
Northeast River (02130608)	2003	MD-NORTF	X	X	X	MD-NORTF
Bohemia River (02130602)	2000	MD-BOHOH	X	X	X	MD-BOHOH
Fairlee Creek (02130611)	1999	A portion of MD-CB2OH	X	X	X	MD-CB2OH
Stillpond Creek (02130611)	2001		X	X	X	MD-CB2OH
Worton Creek (02130611)	2001		X	X	X	MD-CB2OH
Sassafras River (02130610)	2001	MD-SASOH	X	X	X	MD-SASOH
Back River (02130901)	2005	MD-BACOH	X		X	MD-BACOH
Baltimore Harbor (02130903)	2007	A portion of MD-PATMH			X	MD-PATMH
Corsica River (02130507)	2000	A portion of MD-CHSMH	X	X	X	MD-CHSMH
Middle Chester River (02130509)	2006	MD-CHSOH			X	TN : MD-CHSOH TP : PREEXISTING
Southeast River (02130508)	2002		X	X	X	MD-CHSOH
Upper Chester River (02130510)	2006				X	TN : MD-CHSOH TP : PREEXISTING
Upper Chester River (02130510)	2006	MD-CHSTF			X	TN : MD-CHSTF TP : PREEXISTING
Town Creek of the Lower Choptank River (02130403)	2003	MD-CHOMH1	X	X	X	MD-CHOMH1
Western Branch (02131103)	1999	MD-WBRTF	X	X	X	MD-WBRTF
Breton Bay (02140104)	2005	A portion of MD-POTMH	X	X	X	MD-POTMH
Port Tobacco River (02140109)	1998	MD-POTOH2	X	X		MD-POTOH2
Mattawoman Creek	2003	MD-MATTF	X	X	X	MD-MATTF

8-digit Watershed Assessment Units for Preexisting Tidal Nutrient TMDLs	Year Maryland Developed TMDL	Salinity-based Assessment Unit	Water Quality Standards Changed	Revised Model	More Recent Data	Applicable TMDL
(02140111)						
Anacostia River (02140205)	2008	MD-ANATF			X	PREEXISTING
Lower Wicomico River (02130301)	2000	MD-TANMH	X	X	X	MD-TANMH
Chicamicomico River (02130308)	2000	A portion of MD-FSBMH	X	X	X	MD-FSBMH
Transquaking River (02130308)	1999		X	X	X	MD-FSBMH
Marshyhope Creek (02130306)	2000	MD-NANOH	X	X	X	MD-NANOH
Lower Wicomico River (02130301)	2000	A portion of MD-TANMH	X	X	X	MD-TANMH
Lower Wicomico River (02130301)	2000	A portion of MD-WICMH	X	X	X	MD-WICMH
Wicomico Creek (02130303)	2000	A portion of MD-WICMH	X	X	X	MD-WICMH
Manokin River (02130208)	2000	MD-MANMH	X	X	X	MD-MANMH

A Summary Review of the Chesapeake Bay Water Quality Standards, Assessment Methodology, Modeling Tools and Monitoring Data

Introduction

The establishment of the Chesapeake Bay TMDL on December 29, 2010 was a signal event in the history of water quality restoration efforts carried out under the mandate of the Clean Water Act (CWA). The Bay TMDL set pollutant reduction goals that essentially put the entire 64,000 square mile watershed that drains to the Chesapeake Bay and its tidal tributaries on a “pollution diet” for nitrogen, phosphorus and sediment discharges to those waters from both land and air.

In the process of determining the overall maximum pollutant loads that would still be protective of the Bay’s living resources, the Bay TMDL established individual TMDLs for each Bay water quality segment listed on Maryland’s Integrated Report of Surface Water Quality as impaired for nutrients and sediment, as well as those on the lists of Virginia, Delaware, and the District of Columbia. At the same time, as explained above, issuance of the Bay TMDL has necessitated a reevaluation of nutrient TMDLs previously developed for tidal waterbodies in Maryland. The following is a summary review of several key developments in water quality analysis and assessment that have played a central role in the process that resulted in the Bay TMDL and contributed to important advances in the restoration and protection of estuarine waters and aquatic life habitat.

The allowable loads of nutrients and sediment assigned to the Bay segments as TMDLs were validated through the Chesapeake Bay Program's (CBP) Water Quality and Sediment Transport Model. Output from model scenario runs confirmed that the TMDLs are protective of living resources in the Bay and result in all segments of the Bay mainstem, tidal tributaries and embayments meeting applicable water quality standards for dissolved oxygen, chlorophyll a, water clarity and underwater Bay grasses. The development of those standards, comprised of specific water quality criteria designed to protect an array of designated uses in various waters of the Bay, is an important aspect of the evolution in the scientific approach to, and understanding of, the complex issues presented by the vast ecosystem that is the Chesapeake Bay. The following history of that development, and much of the subsequent information in this report, has been adapted from the Bay TMDL documentation, available on EPA's website at: www.epa.gov/chesapeakebaytmdl.

Development of the Chesapeake Bay Water Quality Standards

Starting in 1986, EPA and its CBP partners embarked on a process to synthesize scientific evidence on the water quality requirements of hundreds of aquatic species and biological communities inhabiting Chesapeake Bay and its tidal tributaries and embayments. The 1987 Chesapeake Bay Agreement included a commitment to "develop and adopt guidelines for the protection of water quality and habitat conditions necessary to support the living resources found in the Chesapeake Bay system, and to use these guidelines in the implementation of water quality and habitat quality programs."

In 2003, EPA published guidance documents on Chesapeake Bay water quality criteria and Chesapeake Bay refined aquatic life designated uses and attainability. Guided by those efforts, Delaware, the District of Columbia, Maryland, and Virginia adopted jurisdiction-specific Chesapeake Bay Water Quality Standards (WQS) in their respective regulations in 2004–2005 consistent with the EPA published guidance. EPA then reviewed and approved the four tidal Bay jurisdictions' WQS submissions pursuant to CWA section 303(c).

EPA and its seven watershed jurisdiction partners agreed on five refined aquatic life designated uses reflecting the habitats of an array of recreationally, commercially, and ecologically important species and biological communities. The five tidal Bay designated uses are applied, where appropriate, consistently across Delaware, the District of Columbia, Maryland, and Virginia's portions of the Chesapeake Bay and its tidal tributary and embayment waters. The vertical and horizontal breadth and temporal application of the designated use boundaries are based on a combination of natural factors, historical records, physical features, hydrology, bathymetry, and other scientific considerations.

Oxygen is one of the most essential environmental constituents supporting life. EPA worked closely with its seven watershed partners and the larger Bay scientific community to derive and publish a set of DO criteria to protect specific aquatic life communities and reflect the Chesapeake Bay's natural processes that define distinct habitats.

Maryland adopted into its WQS regulations all the EPA-published Chesapeake Bay criteria, assessment procedures, and designated uses documents. These WQS apply to all Chesapeake Bay, tidal tributary and embayment waters of Maryland, all of which are subject to the Bay TMDL. Maryland also adopted EPA's narrative chlorophyll a water quality criteria. See <http://www.dsd.state.md.us/comar/comarhtml/26/26.08.02.03-3.htm>

Methodology for Assessing Attainment of Bay Water Quality Criteria

The Bay criteria assessment approach is designed to protect living resources as defined by the designated uses. The criteria levels themselves were largely based on scientific studies performed in laboratory settings or under controlled field conditions. Attainment of each jurisdiction's Chesapeake Bay WQS is determined by applying the same set of assessment procedures published in the original 2003 Chesapeake Bay criteria document and subsequent published addenda. Those consistent sets of criteria assessment procedures were formally adopted into each jurisdiction's WQS regulations by reference.

Criteria attainment for DO, water clarity, and chlorophyll a is assessed in terms of the spatial and temporal extent of criterion exceedances—what volume or surface area of the Bay segment exceeds a given criterion and for how much time during the assessment period. The allowable frequency with which criteria can be violated without a loss of the designated use is also considered. For each listing cycle, assessments are based on monitoring data collected over a 3-year period in each spatial assessment unit. Spatial assessment units are defined by Chesapeake Bay segments and applicable designated uses.

In establishing the Chesapeake Bay TMDL, it was necessary to define a Critical Period, a period during which hydrologic, temperature, environmental, flow, and other such conditions result in a waterbody experiencing critical conditions with respect to an identified impairment (e.g., summer low flow, winter high flow). The approach chosen in the Chesapeake Bay TMDL was to select a 3-year period as the critical period.

The Chesapeake Bay Program's Water Quality Goal Implementation Team decided that the critical period would be selected from the previously selected hydrologic period 1991–2000 because that time frame is representative of long-term hydrology, is within the model calibration period, and would facilitate modeling operations. A 3-year period was selected to coincide with the Chesapeake Bay water quality criteria assessment period.

The Water Quality Goal Implementation Team also agreed that the critical period should be representative of an approximate 10-year return period. The return period is defined as the average period of time expected to elapse between occurrences of events at a certain site. A 10-year event is an event of such size that over a long period, the average time between events of equal or greater magnitude is 10 years. The team believed that 10 years was a good balance between guarding against extreme events (greater than 10-year return frequency) and ensuring attainment during more frequent critical events (occurring within less than a 10-year period).

The availability of many decades of flow and water quality monitoring data in the Chesapeake Bay watershed allowed the opportunity to select a critical period from a group of candidate periods, so there is some freedom to follow a very rational approach to the selection of the period. It is EPA's best professional judgment that a 10-year return period captures a good balance between guarding against extreme events and ensuring attainment during more frequent critical events.

The period 1993–1995 is generally evaluated to be slightly below a 10-year return period, but the overall range incorporates the 10-year period. The Water Quality Goal Implementation Team selected 1993–1995 as the most appropriate critical period for assessment of the jurisdictions’ DO water quality standards because it was the most consistent with existing Chesapeake Bay watershed jurisdictions’ practices. The critical period of 1993–1995 was also selected as the same critical period for assessing the water clarity/SAV water quality standards.

Several tidal Bay segment-specific applications of DO criteria are unique to Maryland. In the middle-central Chesapeake Bay segment (CB4MH), restoration variances of 7 and 2 percent apply to the application of the deep-water and deep-channel designated use DO criteria, respectively. In the Patapsco River segment (PATMH), a restoration variance of 7 percent applies to the application of the deep-water designated use DO criteria. In the lower Chester River segment (CSHMH), a restoration variance of 14 percent applies to the application of the deep-channel designated use DO criterion (COMAR 26.08.02.03-3(c)(8)(e)(vi)). These restoration variances⁷ are consistent with EPA-published guidance and were approved by EPA on August 29, 2005 in the case of the two mainstem Bay and Patapsco River segments and December 27, 2010 in the case of the lower Chester River segment.

In the tidal upper and middle Pocomoke River segments (POCTF, POCOH_MD), because of the seasonal lower DO concentration from the natural oxygen-depleting processes present in the extensive surrounding tidal wetlands, Maryland adopted a site-specific criterion of greater than or equal to 4 mg/L 30-day mean DO, consistent with the EPA-published criterion, and approved by EPA on December 27, 2010.

Improvements in Water Quality Modeling and Monitoring Data

CBP modeling of the Bay has also evolved during this period, reflected in an increasingly refined segmentation of the estuary into subunits on the basis of selection criteria. The segments reflect certain unique physical, chemical or biological characteristics of a portion of a waterbody (e.g., salinity, influence of pollutant sources, etc.). The present 92-segment scheme used in the Chesapeake Bay was derived from the 2004 published 78-segment scheme with additional jurisdictional boundary lines. Maryland’s 2006 Integrated Report reflected the adoption into State regulation of the Bay water quality segmentation scheme to identify State waters previously delineated at the 8-digit basin scale. In general, the waterbodies of the Maryland 8-digit watersheds are aligned with the more recently defined Bay segments, but in many cases they are incorporated into larger units (e.g., the waters of the 8-digit Corsica River basin [02130507] are now part of the Chester River Mesohaline [CHSMH] Bay segment). See <http://www.dsd.state.md.us/comar/comarhtml/26/26.08.02.08.htm>.

For purposes of developing the Chesapeake Bay TMDL, data and scenario results from extensive monitoring networks and a series of linked environmental models simulating the nitrogen, phosphorus, and sediment pollutant load sources and the associated water quality and biological responses have been applied to support decision making by EPA and its partner Bay watershed jurisdictions. The suite of

⁷ A restoration variance is the percentage of allowable exceedance of a WQS based on water quality modeling incorporating the best available data and assumptions. The restoration variances are temporary and will be reviewed at a minimum every 3 years, as required by the CWA and EPA regulations. The variances could be modified on the basis of new data or assumptions incorporated into the water quality model. COMAR 26.08.02.03-3(C)(8)(h).

models were developed, calibrated, and verified using long-term Bay, watershed, airshed, and land-cover monitoring network observations and published technical and scientific findings. The suite of Bay and watershed monitoring networks and the Bay modeling framework provide the most accurate and reliable representations of the complex Bay water quality processes currently available. Quality assured monitoring data collected over multiple decades from hundreds of stations provides the most direct measures of Bay and watershed water quality conditions and biological responses. The linked Bay models are valuable tools in synthesizing an enormous amount of data and scientific findings, projecting possible outcomes to a range of management actions, and assessing pollutant load reductions needed to restore Bay water quality. Although models have some inherent uncertainty, the amount of data and resources taken to develop, calibrate, and verify the accuracy of each of the Bay models minimizes the uncertainty of the suite of Bay models. The combined Chesapeake Bay monitoring networks and modeling frameworks effectively address all the factors necessary for developing a scientifically sound and reliable TMDL that meets the TMDL regulatory requirements.

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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-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-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	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.	
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.	

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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-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-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-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-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-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-02130105-T-KITTS_BRANCH	WO	Aquatic Life and Wildlife	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2006
Newport Bay		Coastal Bay		Industrial Point Source Discharge	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-NEWPORT_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.	
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.	
MD-02130105-T-NEWPORT_BAY	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.	
MD-021301060672-Big_Mill_Pond	WO	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2002
Chincoteague Bay		Impoundments		Agriculture		
MD-021301060672-Big_Mill_Pond	WO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
Chincoteague Bay		Impoundments		Agriculture		
MD-POCMH-OH-02130201	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2010
Pocomoke Sound		Tidal Shellfish Area		Manure Runoff	This listing was split back out from the combined listing in 2008 (AU-ID: MD-POCMH-OH-Pocomoke_Sound-River) for TMDL accounting purposes. A joint TMDL written in concert with VA was approved in 2009.	

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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	WO, SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POCOH	WO, SO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing supersedes the previous sediment listing for watershed 02130202.	
MD-POCOH	WO, SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POCOH	WO, SO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POCOH	WO, SO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POCOH - Middle Pocomoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POCMH	SO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POCMH - Lower Pocomoke River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	

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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-Pocomoke	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2010
Lower Pocomoke River		Tidal Shellfish Area		Manure Runoff	This listing was split back out from the combined listing in 2008 (AU-ID: MD-POCMH-OH-Pocomoke_Sound-River) for TMDL accounting purposes. A joint TMDL written in concert with VA was approved in 2009.	
MD-POCTF	WO, SO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the tidal Sediment/TSS listings from watersheds 02130202, 02130204, and 02130205.	
MD-POCTF	WO, SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POCTF	WO, SO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing supersedes the previous nutrient listings for watersheds 02130202, 02130204, and 02130205.	
MD-POCTF	WO, SO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing supersedes the previous nutrient listings for watersheds 02130202, 02130204, and 02130205.	

<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-POCTF	WO, SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POCTF - Upper Pocomoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing supersedes the previous nutrient listings for watersheds 02130202, 02130204, and 02130205.	
MD-021302030648-Adkins_Pond	WI	Aquatic Life and Wildlife	Sedimentation/siltation	Unknown	TMDL approved	2002
Upper Pocomoke River		Impoundments		Agriculture		
MD-021302030648-Adkins_Pond	WI	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
Upper Pocomoke River		Impoundments		Agriculture		
MD-02130204	WI, WO, SO	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Dividing Creek		Non-tidal Segment(s)		Wastes from Pets	Inadvertantly listed as a tidal water in 1996. Changed to non-tidal in 2004 to refine the area of impairment.	
MD-TANMH-LAWS_UPPER-THOROFARE	SO	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
TANMH - Tangier Sound Mesohaline		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL approved in 2006. Latest data shows this area as no longer meeting the shellfish bacteria standard.	
MD-TANMH	DO, SO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
TANMH - Tangier Sound Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-TANMH	DO, SO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
TANMH - Tangier Sound Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-TANMH	DO, SO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
TANMH - Tangier Sound Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing supersedes the previous Sediment/TSS listing for watershed 02130206.	
MD-BIGMH	SO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
BIGMH - Big Annemessex River Mesohaline		Chesapeake Bay segment		Source Unknown	Measured acres of SAV does not meet the restoration goal. No water clarity data are available. The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-MANMH-ST.PETERS_CREEK	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MANMH - Manokin River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-MANMH	SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MANMH - Manokin River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL supersedes the previously approved TMDLs for nitrogen and BOD in the Manokin River. Although the BOD record no longer exists, the new water quality models consider the relationship between organic material and oxygen demand.	
MD-MANMH	SO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MANMH - Manokin River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL supersedes the previously approved TMDLs for nitrogen and BOD in the Manokin River. Although the BOD record no longer exists, the new water quality models consider the relationship between organic material and oxygen demand.	

<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-MANMH	SO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MANMH - Manokin River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL supersedes the previously approved TMDLs for nitrogen and BOD in the Manokin River. Although the BOD record no longer exists, the new water quality models consider the relationship between organic material and oxygen demand.	
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	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
MANMH - Manokin River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV restoration goal is not being met.	
MD-MANMH	SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MANMH - Manokin River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL supersedes the previously approved TMDLs for nitrogen and BOD in the Manokin River. Although the BOD record no longer exists, the new water quality models consider the relationship between organic material and oxygen demand.	
MD-021303010558-Tony_Tank_Lake	WI	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2000
Lower Wicomico River		Impoundments		Agriculture		

<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-WICMH- WICOMICO_RIVER	WI, SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
WICMH - Wicomico River Mesohaline		Tidal Shellfish Area		On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		
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	WI, SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WICMH - Wicomico River Mesohaline		Chesapeake Bay segment		Urban Runoff/Storm Sewers	The Chesapeake Bay TMDL supersedes the previously approved TMDLs for N, P, and BOD in the Wicomico River watershed. The BOD record no longer exists, however the new water quality models consider the relationship between organic material and oxygen demand.	
MD-WICMH	WI, SO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WICMH - Wicomico River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL supersedes the previously approved TMDLs for N, P, and BOD in the Wicomico River watershed. The BOD record no longer exists, however the new water quality models consider the relationship between organic material and oxygen demand.	
MD-WICMH	WI, SO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WICMH - Wicomico River Mesohaline		Chesapeake Bay segment		Urban Runoff/Storm Sewers	The Chesapeake Bay TMDL supersedes the previously approved TMDLs for N, P, and BOD in the Wicomico River watershed. The BOD record no longer exists, however the new water quality models consider the relationship between organic material and oxygen demand.	

<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-WICMH	WI, SO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WICMH - Wicomico River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL supersedes the previously approved TMDLs for N, P, and BOD in the Wicomico River watershed. The BOD record no longer exists, however the new water quality models consider the relationship between organic material and oxygen demand.	
MD-WICMH-02130302	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2012
WICMH - Wicomico River Mesohaline		Tidal Shellfish Area		On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)	In 2010 the two shellfish harvesting area listings for the Monie Bay portion of WICMH were aggregated to better reflect the geographic scope of impairment.	
MD-02130304-Johnsons_Pond	WI	Aquatic Life and Wildlife	Sedimentation/siltation	Direct Measurement	TMDL approved	2002
Wicomico River Headwaters		Impoundments		Agriculture	TMDL includes all of Wicomico River watershed	
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-02130304-Multiple_segments_1	WI	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2008
Wicomico River Headwaters		Non-tidal Segment(s)		Sanitary Sewer Overflows (Collection System Failures)	Inadvertently listed as a tidal water in 1996. Changed to non-tidal in 2004 to refine the area of impairment. The impaired portion of this watershed is confined to specified portions of Leonard Pond Run, Brewington Branch and Middle Neck Branch.	
MD-02130304	WI	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2002
Wicomico River Headwaters		Non-tidal 8-digit watershed		Agriculture	TMDL includes Johnson Pond	

<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-02130304-Johnsons_Pond	WI	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2002
Wicomico River Headwaters		Impoundments		Agriculture	TMDL includes all of Wicomico River watershed	
MD-NANTF	DO, WI	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
NANTF - Upper Nanticoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-NANTF	DO, WI	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
NANTF - Upper Nanticoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-NANMH	DO, WI	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
NANMH - Lower Nanticoke River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	
MD-NANTF	DO, WI	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
NANTF - Upper Nanticoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
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)		

<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-NANTF	DO, WI	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
NANTF - Upper Nanticoke River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-NANOH	DO, WI	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
NANOH - Upper Nanticoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Marshyhope Creek (02130306).	
MD-NANOH	DO, WI	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
NANOH - Upper Nanticoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Marshyhope Creek (02130306).	
MD-NANOH	DO, WI	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
NANOH - Upper Nanticoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Marshyhope Creek (02130306).	
MD-NANOH	DO, WI	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
NANOH - Upper Nanticoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing captures the previous Sediment/TSS listing for the tidal portion of watershed 02130306.	

<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-NANOH	DO, WI	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
NANOH - Upper Nanticoke River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Marshyhope Creek (02130306).	
MD-HNGMH	DO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
HNGMH - Honga River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-HNGMH-Back_Creek	DO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
Honga River		Tidal Shellfish Area		Wastes from Pets		
MD-HNGMH	DO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
HNGMH - Honga River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-HNGMH	DO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
HNGMH - Honga River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing captures the previous Sediment/TSS listing for watershed 02130401.	
MD-LCHMH-Church_Creek	DO	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
Little Choptank River		Tidal Shellfish Area		Wastes from Pets	TMDL completed in 2005. Newest data shows that the bacteria water quality standard is not being 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-LCHMH	DO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
LCHMH - Little Choptank River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-LCHMH	DO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
LCHMH - Little Choptank River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	
MD-LCHMH	DO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
LCHMH - Little Choptank River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CHOMH2	TA, DO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH2 - Choptank River Mesohaline 2		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
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	

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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-CHOMH1	TA, DO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. Due to new WQ standards, the use of a better model, and having more recent data, the Ches. Bay TMDL supersedes the previously approved BOD TMDL for Town Creek.	
MD-CHOMH1	TA, DO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	
MD-02130403-UTLTC	TA	Aquatic Life and Wildlife	BOD, carbonaceous	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.	
MD-CHOMH1	TA, DO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. Due to new WQ standards, the use of a better model, and having more recent data, the Ches. Bay TMDL supersedes the previously approved BOD TMDL for Town Creek.	
MD-CHOMH1	TA, DO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. Due to new WQ standards, the use of a better model, and having more recent data, the Ches. Bay TMDL supersedes the previously approved BOD TMDL for Town Creek.	

<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-CHOMH2	TA, DO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH2 - Choptank River Mesohaline 2		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CHOMH2	TA, DO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHOMH2 - Choptank River Mesohaline 2		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing captures the previous Sediment/TSS listing from watershed 02130403.	
MD-CHOMH2	TA, DO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH2 - Choptank River Mesohaline 2		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CHOMH1	TA, DO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH1 - Choptank River Mesohaline mouth 1		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. Due to new WQ standards, the use of a better model, and having more recent data, the Ches. Bay TMDL supersedes the previously approved BOD TMDL for Town Creek.	
MD-CHOMH2	TA, DO	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOMH2 - Choptank River Mesohaline 2		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-02130403-UTLTC Lower Choptank River	TA	Aquatic Life and Wildlife Non-tidal Segment(s)	BOD, nitrogenous	Direct Measurement Municipal Point Source Discharges	TMDL approved	2004
MD-021304030463-La_Trappe_Creek_Pond Lower Choptank River	TA	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Municipal Point Source Discharges	TMDL approved	2004
MD-CHOMH1-San_Domingo_Creek_NE_Branch Lower Choptank River	TA	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2008
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-CHOMH2-Warwick_River Lower Choptank River	DO	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006
MD-CHOMH2-Indian_Creek Lower Choptank River	DO	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006
MD-CHOMH1-San_Domingo_Creek_NW_Branch Lower Choptank River	TA	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006

<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-CHOMH1-Tred_Avon_River	TA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Lower Choptank River		Tidal Shellfish Area		Manure Runoff		
MD-CHOOH	TA, DO, CA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOOH - Choptank River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the previous nutrient listings from watersheds 02130403 and 02130404.	
MD-CHOOH	TA, DO, CA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOOH - Choptank River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the previous nutrient listings from watersheds 02130403 and 02130404.	
MD-CHOOH	TA, DO, CA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOOH - Choptank River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CHOOH	TA, DO, CA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOOH - Choptank River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-CHOOH	TA, DO, CA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHOOH - Choptank River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing captures the previous Sediment/TSS listings from watersheds 02130403 and 02130404.	
MD-CHOTF	TA, QA, CA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This assessment covers the geographic area of the Upper Choptank and also includes the tidal portions of the Tuckahoe watershed.	
MD-CHOTF	TA, QA, CA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This assessment covers the geographic area of the Upper Choptank and also includes the tidal portions of the Tuckahoe watershed.	
MD-CHOTF	TA, QA, CA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CHOTF	TA, QA, CA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing for TSS combines the listings from the tidal portions of the Upper Choptank and Tuckahoe Creek watersheds.	

<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-CHOTF	TA, QA, CA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHOTF - Upper Choptank River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
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	QA, TA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH	QA, TA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met. This listing captures the TSS/Sediment impairment from watersheds 02130501, 02130502, 02130503, and 02130504.	

<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-EASMH	QA, TA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH	QA, TA	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH	QA, TA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH	QA, TA	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the previous nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	

<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-EASMH	QA, TA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH	QA, TA	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
MD-EASMH	QA, TA	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
EASMH - Eastern Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the nutrient impairments for watersheds 02130501, 02130502, 02130503, and 02130504.	
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		Livestock (Grazing or Feeding Operations)		

<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-CHSOH- Lower_Chester_River	KE, QA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
Lower Chester River		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL written and approved for a contiguous body of water that includes parts of the Southeast Creek, Lower Chester, and Middle Chester that are tidal.	
MD-CHSMH	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CHSMH	KE, QA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met. This listing captures the sediment listings from watersheds 02130505, 02130506, and 02130507.	
MD-CHSMH	KE, QA	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CHSMH	KE, QA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Corsica River and the WQA approved for the Langford Creek portion of CHSMH.	

<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-CHSMH	KE, QA	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CHSMH	KE, QA	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Corsica River and the WQA approved for the Langford Creek portion of CHSMH.	
MD-CHSMH	KE, QA	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Corsica River and the WQA approved for the Langford Creek portion of CHSMH.	
MD-CHSMH	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Corsica River and the WQA approved for the Langford Creek portion of CHSMH.	
MD-CHSMH	KE, QA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CHSMH - Lower Chester River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-CHSOH	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Agriculture	The preexisting phosphorus TMDL (2006) sets more stringent TP loading limits than the 2010 Bay TMDL and will therefore remain in force, superceding the Chesapeake Bay phosphorus TMDL for this segment.	
MD-CHSOH	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nitrogen TMDLs 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	2006
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Agriculture	The preexisting phosphorus TMDL (2006) sets more stringent TP loading limits than the 2010 Bay TMDL and will therefore remain in force, superceding the Chesapeake Bay phosphorus TMDL for this segment.	
MD-CHSOH	KE, QA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nitrogen TMDLs for the Middle Chester, Southeast River and Upper Chester River portions of CHSOH.	

<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-CHSOH	KE, QA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHSOH - Middle Chester River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV is not meeting the restoration goal.	
MD-CHSMH-02130507	KE, QA	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2012
Corsica River		Tidal subsegment		Upstream/Downstream Source	This listing only applies to the Corsica River (02130507) portion of CHSMH.	
MD-CHSMH-Corsica_River	QA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Corsica River		Tidal Shellfish Area		Manure Runoff		
MD-CHSOH-Southeast_River	KE, QA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
Southeast Creek		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL written and approved for a contiguous body of water that includes parts of the Southeast Creek, Lower Chester, and Middle Chester that are tidal.	
MD-CHSOH- Middle_Chester_River	KE, QA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
Middle Chester River		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL written and approved for a contiguous body of water that includes parts of the Southeast Creek, Lower Chester, and Middle Chester that are tidal.	
MD-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		

<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-CHSTF-Duck_Neck_Beach	QA	Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2012
Upper Chester River		Public Beach		Wildlife Other than Waterfowl	No longer designated as a beach by QA County. QA County will no longer be monitoring this site.	
MD-CHSTF	KE, QA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Agriculture	The preexisting phosphorus TMDL (2006) sets more stringent TP loading limits than the 2010 Bay TMDL and will therefore remain in force, superceding the Chesapeake Bay phosphorus TMDL for this segment.	
MD-02130510-Millington_Wildlife_Ponds	KE	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2012
Upper Chester River		Impoundments		Atmospheric Deposition - Toxics		
MD-CHSTF	KE, QA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	
MD-CHSTF	KE, QA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nitrogen TMDLs for the Middle Chester, Southeast River and Upper Chester River portions of CHSOH.	

<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-CHSTF	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nitrogen TMDLs for the Middle Chester, Southeast River and Upper Chester River portions of CHSOH.	
MD-CHSTF	KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2006
CHSTF - Upper Chester River Tidal Fresh		Chesapeake Bay segment		Agriculture	The preexisting phosphorus TMDL (2006) sets more stringent TP loading limits than the 2010 Bay TMDL and will therefore remain in force, superceding the Chesapeake Bay phosphorus TMDL for this segment.	
MD-ELKOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
ELKOH - Elk River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the nutrient listings for watersheds 02130601 and 02130603.	
MD-ELKOH	CE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
ELKOH - Elk River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the nutrient listings for watersheds 02130601 and 02130603.	

<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-ELKOH	CE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
ELKOH - Elk River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the nutrient listings for watersheds 02130601 and 02130603.	
MD-ELKOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
ELKOH - Elk River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the nutrient listings for watersheds 02130601 and 02130603.	
MD-BOHOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Bohemia River.	
MD-BOHOH	CE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Bohemia River.	
MD-BOHOH	CE	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2012
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Upstream/Downstream Source		

<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-BOHOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Bohemia River.	
MD-BOHOH	CE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BOHOH - Bohemia River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Bohemia River.	
MD-C&DOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
C&DOH - C&D Canal Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-C&DOH	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
C&DOH - C&D Canal Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-C&DOH	CE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
C&DOH - C&D Canal Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-C&DOH	CE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
C&DOH - C&D Canal Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-NORTF	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Northeast River.	
MD-NORTF	CE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Northeast River.	
MD-NORTF	CE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Northeast River.	
MD-NORTF	CE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Northeast River.	
MD-NORTF	CE	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2012
NORTF - North East River Tidal Fresh		Chesapeake Bay segment		Upstream/Downstream Source	This listing only applies to watershed 02130608.	

<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-SASOH	CE, KE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Sassafras River.	
MD-SASOH	CE, KE	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
SASOH - Sassafras River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity goal has not been met for this segment.	
MD-SASOH	CE, KE	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2012
SASOH - Sassafras River Oligohaline		Chesapeake Bay segment		Contaminated Sediments		
MD-SASOH	CE, KE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Sassafras River.	
MD-SASOH	CE, KE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Sassafras River.	

<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-SASOH	CE, KE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SASOH - Sassafras River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Sassafras River.	
MD-BSHOH	HA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-BSHOH	HA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-BSHOH	HA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-BSHOH	HA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BSHOH - Bush River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-02130704	HA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2011
Bynum Run		Non-tidal 8-digit watershed	91%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that excess sediment is a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses a portion of the biological impairment listing.	
MD-GUNOH	HA, BA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes previously approved WQA for nutrients in the Bird River portion of GUNOH.	
MD-GUNOH	HA, BA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing supersedes the Sediment/TSS listings for watersheds 02130801 and 02130803.	
MD-GUNOH	HA, BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes previously approved WQA for nutrients in the Bird River portion of GUNOH.	

<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-GUNOH	HA, BA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes previously approved WQA for nutrients in the Bird River portion of GUNOH.	
MD-GUNOH	HA, BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
GUNOH - Gunpowder River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes previously approved WQA for nutrients in the Bird River portion of GUNOH.	
MD-MIDOH	BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-MIDOH	BA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-MIDOH	BA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
MIDOH - Middle River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	

<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-MIDOH	BA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-MIDOH	BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MIDOH - Middle River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
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-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-Multiple_segments	BA, CR	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Loch Raven Reservoir		Subwatershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-02130806	BA, CR	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2009
Prettyboy Reservoir		River Mainstem		Livestock (Grazing or Feeding Operations)		

<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-021308060313- Prettyboy_Reservoir	BA	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2008
Prettyboy Reservoir		Impoundments		Agriculture		
MD-021308060313- Prettyboy_Reservoir	BA	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2006
Prettyboy Reservoir		Impoundments		Atmospheric Deposition - Toxics		
MD-02130901- HERRING_RUN	BA, BC	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Back River		River Mainstem		Sanitary Sewer Overflows (Collection System Failures)	applies to basin numbers 02-13-09-01-10- 40, 41, 42	
MD-BACOH	BA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline		Chesapeake Bay segment		Municipal Point Source Discharges	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Back River.	
MD-BACOH	BA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline		Chesapeake Bay segment		Municipal Point Source Discharges	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Back River.	
MD-BACOH	BA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline		Chesapeake Bay segment		Municipal Point Source Discharges	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Back River.	

<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	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
BACOH - Back River Oligohaline		Chesapeake Bay segment		Municipal Point Source Discharges	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Back River.	
MD-BACOH	BA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
BACOH - Back River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-BACOH	BA	Fishing	Chlordane	Direct Measurement	TMDL approved	2002
BACOH - Back River Oligohaline		Chesapeake Bay segment		Contaminated Sediments		
MD-PATMH	AA, BA, BC	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Chesapeake Bay TMDL supersedes the previous TMDL for the Patapsco. In addition, the Ches. Bay TMDL addresses the Bodkin Creek portion of PATMH.	
MD-PATMH	AA, BA, BC	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Chesapeake Bay TMDL supersedes the previous TMDL for the Patapsco. In addition, the Ches. Bay TMDL addresses the Bodkin Creek portion of PATMH.	

<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-PATMH	AA, BA, BC	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PATMH - Patapsco River Mesohaline		SAV Grow Zone		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing supersedes the previous Sediment/TSS listings for watersheds 02130903 and 02130902.	
MD-PATMH	AA, BA, BC	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Chesapeake Bay TMDL supersedes the previous TMDL for the Patapsco. In addition, the Ches. Bay TMDL addresses the Bodkin Creek portion of PATMH.	
MD-PATMH	AA, BA, BC	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Chesapeake Bay TMDL supersedes the previous TMDL for the Patapsco. In addition, the Ches. Bay TMDL addresses the Bodkin Creek portion of PATMH.	
MD-PATMH	AA, BA, BC	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Chesapeake Bay TMDL supersedes the previous TMDL for the Patapsco.	

<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-PATMH	AA, BA, BC	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Navigation Channel		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-PATMH	AA, BA, BC	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Non-navigation Channel Areas		Municipal Point Source Discharges	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Chesapeake Bay TMDL supersedes the previous TMDL for the Patapsco.	
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-MARLEY_CREEK	AA	Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Subwatershed		Wastes from Pets	Data collected in 2007 by AA county indicate Marley Creek is impaired for bacteria, see "ListingReview_old98_listings.doc" - 303(d) data for 2008 list. NOTE: Tanyard Cove area was not included in Marley Creek and = 0.067 sq miles.	
MD-PATMH	AA, BA, BC	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Navigation Channel		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-PATMH-FURNACE_CREEK	AA	Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2012
PATMH - Patapsco River Mesohaline		Subwatershed		Wildlife Other than Waterfowl	Data collected in 2007 by AA county indicate Furnace Creek is impaired for bacteria, see "ListingReview_old98_listings.doc" - 303(d) data for 2008 list. NOTE: Area for Furnace Creek does not include Back Creek which = 0.024 sq. miles	
MD-02130904	BA, BC	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Jones Falls		Non-tidal 8-digit watershed	93%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
MD-02130904	BA, BC	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Jones Falls		Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-02130905	BA, BC	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2010
Gwynns Falls		Non-tidal 8-digit watershed	24%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
MD-02130905	BA, BC	Water Contact Sports	Fecal Coliform	Direct Measurement	TMDL approved	2008
Gwynns Falls		Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-02130906	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Patapsco River Lower North Branch		Non-tidal 8-digit watershed	70%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	

<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-02130906-Multiple_segments_upper	AA, BA, BC, HO, CR	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Patapsco River Lower North Branch		Subwatershed		Sanitary Sewer Overflows (Collection System Failures)	This listing was split out from the previous watershed-wide listing for fecal bacteria in the Lower North Branch Patapsco watershed.	
MD-02130906-Multiple_segments_lower	AA, BA, BC, HO, CR	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Patapsco River Lower North Branch		Subwatershed		Sanitary Sewer Overflows (Collection System Failures)	This listing was split out from the previous watershed-wide listing for fecal bacteria in the Lower North Branch Patapsco watershed.	
MD-02130907-Multiple_segments	BA, CR	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
L berty Reservoir		Non-tidal Segment(s)		Livestock (Grazing or Feeding Operations)		
MD-MAGMH	AA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-MAGMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-MAGMH	AA	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-MAGMH	AA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met.	
MD-MAGMH-Magothy_River	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MAGMH - Magothy River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-MAGMH	AA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-MAGMH-Tar_Cove	AA	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
MAGMH - Magothy River Mesohaline		Tidal Shellfish Area		Wastes from Pets	TMDL approved in 2006. New data shows the shellfish bacteria water quality standard as not being met.	
MD-MAGMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-MAGMH	AA	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MAGMH - Magothy River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-MAGMH-Forked_Creek	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
MAGMH - Magothy River Mesohaline		Tidal Shellfish Area		Wastes from Pets		

<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-SEVMH	AA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity goal is not being met for this segment.	
MD-SEVMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-SEVMH	AA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-SEVMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CB4MH-Whitehall_Meredith_Creeks	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
CB4MH - Middle Chesapeake Bay 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	AA	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-CB4MH-Mill_Creek	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
CB4MH - Middle Chesapeake Bay 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	AA	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-SEVMH-Severn_River2	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
SEVMH - Severn River Mesohaline		Tidal Shellfish Area		Wastes from Pets	The Severn River shellfish listing in 2010 was split into two separate geographic areas after the middle section became approved for shellfish harvesting. This record captures the upstream-most bacteria impairment.	
MD-SEVMH-Severn_River1	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2008
SEVMH - Severn River Mesohaline		Tidal Shellfish Area		Wastes from Pets	The Severn River shellfish listing in 2010 was split into two separate geographic areas after the middle section became approved for shellfish harvesting. This record captures the downstream-most bacteria impairment.	
MD-SEVMH	AA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SEVMH - Severn River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-SOUMH	AA	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-SOUMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-SOUMH	AA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met.	
MD-SOUMH	AA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
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	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-SOUMH	AA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-SOUMH- RAMSEY_LAKE	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-SOUMH- DUVALL_CREEK	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
SOUMH - South River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-SOUMH	AA	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
SOUMH - South River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-RHDMH- Bear_Neck_Creek	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
RHDMH - Rhode River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-RHDMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
RHDMH - Rhode River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-RHDMH-Cadle_Creek	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
RHDMH - Rhode River Mesohaline		Tidal Shellfish Area		Wastes from Pets		

<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-RHDMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
RHDMH - Rhode River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-RHDMH	AA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
RHDMH - Rhode River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing was split from the previous nutrient listing for the whole of watershed 02131004.	
MD-WSTMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-WSTMH	AA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
WSTMH - West River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met. This listing was split and now supersedes the previous Sediment/TSS listing for watershed 02131004.	
MD-RHDMH	AA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
RHDMH - Rhode River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing was split from the previous nutrient listing for the whole of watershed 02131004.	

<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-WSTMH-PARISH_CREEK	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
WSTMH - West River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-WSTMH	AA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-WSTMH	AA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing was split from the original nutrient listing for watershed 02131004.	
MD-WSTMH-WEST_RIVER	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
WSTMH - West River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-WSTMH	AA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WSTMH - West River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing was split from the original nutrient listing for watershed 02131004.	
MD-CB4MH-TracyRockhold_Creeks	AA	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
CB4MH - Middle Chesapeake Bay Mesohaline		Tidal Shellfish Area		Wastes from Pets		

<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-PAXMH	CH, CV, PG, SM	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-PAXMH- CUCKOLD_CREEK	SO	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-021311010873- Lake_Lariat	CV	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Patuxent River lower		Impoundments		Atmospheric Deposition - Toxics		
MD-PAXOH	PG, CV	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CB5MH- HARPER_PEARSON_CREE KS	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-INDIAN_CREEK	CH, SM	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	Indian Creek is currently violating the shellfish harvesting bacteria criteria.	

<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-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-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-ISLAND_CREEK	CV	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL approved in 2004. Newest data shows that shellfish bacteria water quality standards are not being met.	
MD-PAXMH	CH, CV, PG, SM	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-PAXOH	PG, CV	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
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-WASHINGTON_PERSIMMON_CREEK	SM	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	CH, CV, PG, SM	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-PAXMH	CH, CV, PG, SM	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-PAXMH	CH, CV, PG, SM	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity restoration goal is not being met. This listing captures the previous Sediment/TSS listing for watershed 02131101.	
MD-PAXMH	CH, CV, PG, SM	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-PAXOH	PG, CV	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-PAXOH	PG, CV	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing supersedes the previous Sediment/TSS listing for watershed 02131101.	
MD-PAXOH	PG, CV	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXOH - Middle Patuxent River Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
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	CH, CV, PG, SM	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXMH - Lower Patuxent River Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-PAXMH-MILL_CREEK	CH	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2009
PAXMH - Lower Patuxent River Mesohaline		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)		
MD-PAXTF	AA, CV, PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

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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-PAXTF	AA, CV, PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-PAXTF	AA, CV, PG	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal.	
MD-PAXTF	AA, CV, PG	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-PAXTF	AA, CV, PG	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PAXTF - Upper Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-WBRTF	PG	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. Due to new WQ standards, the use of a better model, and having more recent data, the Ches. Bay TMDL supersedes the previously approved BOD TMDL for Western Branch.	

<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-WBRTF	PG	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. Due to new WQ standards, the use of a better model, and having more recent data, the Ches. Bay TMDL supersedes the previously approved BOD TMDL for Western Branch.	
MD-WBRTF	PG	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-WBRTF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. Due to new WQ standards, the use of a better model, and having more recent data, the Ches. Bay TMDL supersedes the previously approved BOD TMDL for Western Branch.	
MD-WBRTF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
WBRTF - Western Branch Patuxent River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. Due to new WQ standards, the use of a better model, and having more recent data, the Ches. Bay TMDL supersedes the previously approved BOD TMDL for Western Branch.	
MD-021311040938-Cash_Lake	PG	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2012
Patuxent River upper		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-02131104 Patuxent River upper	AA, HO, PG	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	Habitat Evaluation Urban Runoff/Storm Sewers	TMDL approved	2012
MD-02131104-lower Patuxent River upper	AA, HO, PG	Water Contact Sports Non-tidal Segment(s)	Escherichia coli	Direct Measurement Livestock (Grazing or Feeding Operations)	TMDL approved	2012
MD-021311050955-Centennial_Lake Little Patuxent River	HO	Aquatic Life and Wildlife Impoundments	Sedimentation/siltation	Unknown Agriculture	TMDL approved	2004
MD-021311050955-Centennial_Lake Little Patuxent River	HO	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Agriculture	TMDL approved	2004
MD-02131105 Little Patuxent River	AA, HO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS) 84%	Habitat Evaluation Urban Runoff/Storm Sewers	TMDL approved	2012
MD-021311070941-Rocky_Gorge_Reservoir Rocky Gorge Dam	HO, MO, PG	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Crop Production (Crop Land or Dry Land)	TMDL approved	2009
MD-021311080966-Triadelphia_Reservoir Brighton Dam	MO, HO	Aquatic Life and Wildlife Impoundments	Sedimentation/siltation	Unknown Crop Production (Crop Land or Dry Land)	TMDL approved	2009

<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-021311080966-Triadelphia_Reservoir	MO, HO	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2009
Brighton Dam		Impoundments		Crop Production (Crop Land or Dry Land)		
MD-CB1TF	CE, HA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB1TF - Northern Chesapeake Bay Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient WQA for the Lower Susquehanna portion of CB1TF and the nutrient TMDL for the Swan Creek portion of CB1TF.	
MD-CB1TF	CE, HA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB1TF - Northern Chesapeake Bay Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient WQA for the Lower Susquehanna portion of CB1TF and the nutrient TMDL for the Swan Creek portion of CB1TF.	
MD-CB1TF	CE, HA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB1TF - Northern Chesapeake Bay Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved WQA (nutrients) for Lower Susquehanna River and the nutrient TMDL for the Swan Creek portion of CB1TF.	

<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-CB1TF	CE, HA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB1TF - Northern Chesapeake Bay Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved WQA (nutrients) for Lower Susquehanna River and the nutrient TMDL for the Swan Creek portion of CB1TF.	
MD-CB2OH	BA, CE, HA, KE	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB2OH - Northern Chesapeake Bay Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDLs for the Fairlee Creek, Still Pond, and Worton Creek portions of CB2OH.	
MD-CB2OH	BA, CE, HA, KE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB2OH - Northern Chesapeake Bay Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDLs for the Fairlee Creek, Still Pond, and Worton Creek portions of CB2OH.	
MD-CB2OH	BA, CE, HA, KE	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB2OH - Northern Chesapeake Bay Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDLs for the Fairlee Creek, Still Pond, and Worton Creek portions of CB2OH.	

<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-CB2OH	BA, CE, HA, KE	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB2OH - Northern Chesapeake Bay Oligohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDLs for the Fairlee Creek, Still Pond, and Worton Creek portions of CB2OH.	
MD-CB3MH	BA, AA, KE, QA	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH	BA, AA, KE, QA	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH	BA, AA, KE, QA	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	

<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-CB3MH	BA, AA, KE, QA	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH	BA, AA, KE, QA	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV is not meeting the restoration goal.	
MD-CB3MH	BA, AA, KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CB3MH	BA, AA, KE, QA	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB3MH	BA, AA, KE, QA	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	

<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-CB3MH	BA, AA, KE, QA	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB3MH - Upper Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing incorporates the previous nutrient listings from watersheds 02139997, 02139998, 02130505, and 02130511.	
MD-CB5MH	CV, SM, DO, SO	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CB5MH	CV, SM, DO, SO	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CB5MH	CV, SM, DO, SO	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CB5MH	CV, SM, DO, SO	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CB5MH	CV, SM, DO, SO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-CB5MH	CV, SM, DO, SO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-CB5MH	CV, SM, DO, SO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CB5MH - Lower Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV is not meeting the restoration goal.	
MD-CB4MH	AA, CV, QA, TA, DO	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the phosphorus portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	
MD-CB4MH	AA, CV, QA, TA, DO	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing captures the previous Sediment/TSS listings for watersheds 02130511 and 02131005.	
MD-CB4MH	AA, CV, QA, TA, DO	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the phosphorus portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	

<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-CB4MH	AA, CV, QA, TA, DO	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the phosphorus portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	
MD-CB4MH	AA, CV, QA, TA, DO	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the nitrogen portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	
MD-CB4MH	AA, CV, QA, TA, DO	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the nitrogen portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	
MD-CB4MH	AA, CV, QA, TA, DO	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
CB4MH - Middle Chesapeake Bay Mesohaline		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. This listing captures the nitrogen portion of the previous nutrient listings from watersheds 02139998, 02130511, and 02131005.	
MD-POTMH- Whites_Neck_Creek	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
Potomac River Lower tidal		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-POTMH-OH-02140101 Potomac River Lower Tidal	CH, SM	Fishing Tidal subsegment	PCB in Fish Tissue	Direct Measurement Upstream Source	TMDL approved	2008
MD-POTMH-Tall_Timbers_Cove Potomac River Lower tidal	SM	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Wastes from Pets	Relisted	2012
MD-POTMH POTMH - Lower Potomac River Mesohaline	CH, SM	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory Chesapeake Bay segment	Total Suspended Solids (TSS)	SAV and Water Clarity Source Unknown	TMDL approved	2012
MD-POTMH POTMH - Lower Potomac River Mesohaline	CH, SM	Open-Water Fish and Shellfish Subcategory Chesapeake Bay segment	Phosphorus (Total)	Dissolved Oxygen Agriculture	TMDL approved	2012
MD-POTMH POTMH - Lower Potomac River Mesohaline	CH, SM	Open-Water Fish and Shellfish Subcategory Chesapeake Bay segment	Nitrogen (Total)	Dissolved Oxygen Agriculture	TMDL approved	2012

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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	CH, SM	Seasonal Deep-Channel Refuge Use	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Breton Bay portion of POTMH.	
MD-POTMH	CH, SM	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Breton Bay portion of POTMH.	
MD-POTMH	CH, SM	Seasonal Deep-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Breton Bay portion of POTMH.	
MD-POTMH	CH, SM	Seasonal Deep-Channel Refuge Use	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Breton Bay portion of POTMH.	

<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-POTMH	CH, SM	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Breton Bay portion of POTMH.	
MD-POTMH	CH, SM	Seasonal Deep-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTMH - Lower Potomac River Mesohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for the Breton Bay portion of POTMH.	
MD-POTOH-TF-02140102	CH	Fishing	PCB in Fish Tissue	Direct Measurement	TMDL approved	2008
Potomac River Middle 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-POTOH1	CH	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POTOH1	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

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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-POTOH1	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POTOH1	CH	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH1 - Lower Potomac River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POTTF	CH, MO, PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTTF - Upper Potomac River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POTTF	CH, MO, PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTTF - Upper Potomac River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POTTF	CH, MO, PG	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTTF - Upper Potomac River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POTTF	CH, MO, PG	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTTF - Upper Potomac River Tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-POTMH-ST.INIGOES_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-POTMH-LOCUST_GROVE_COVE	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Manure Runoff	Also known as St. Georges Creek.	
MD-021401030718-ST_MARYS_LAKE	SM	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
St. Mary's River		Impoundments		Atmospheric Deposition - Toxics		
MD-POTMH-CHERRY_COVE_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Wastes from Pets		
MD-POTMH-St.Clements_Bay1	SM	Shellfishing	Fecal Coliform	Direct Measurement	Relisted	2012
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Livestock (Grazing or Feeding Operations)	TMDL approved in 2005. Newest data shows that the shellfish bacteria standard is not being met. This listing has been split as station 1302001 is now not meeting criteria while 1302004 continues to meet criteria (See MD-POTMH-St.Clements_Bay2).	
MD-POTMH-ST.PATRICKS_CREEK	SM	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Manure Runoff		
MD-POTMH-CHARLESTON_CREEK	CH	Shellfishing	Fecal Coliform	Direct Measurement	TMDL approved	2006
POTMH - Lower Potomac River Mesohaline		Tidal Shellfish Area		Manure Runoff		

<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-POTMH-Chaptico_Bay Wicomico River	SM	Shellfishing Tidal Shellfish Area	Fecal Coliform	Direct Measurement Manure Runoff	TMDL approved	2006
MD-POTOH2 POTOH2 - Port Tobacco River Oligohaline	CH	Open-Water Fish and Shellfish Subcategory Chesapeake Bay segment	Phosphorus (Total)	Dissolved Oxygen Agriculture	TMDL approved	2012 The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Port Tobacco River.
MD-POTOH2 POTOH2 - Port Tobacco River Oligohaline	CH	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory Chesapeake Bay segment	Total Suspended Solids (TSS)	SAV and Water Clarity Source Unknown	TMDL approved	2012 The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity goal has not been met for this segment. This segment was split out from the previous TSS listing for POTOH.
MD-POTOH2 POTOH2 - Port Tobacco River Oligohaline	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory. Chesapeake Bay segment	Nitrogen (Total)	Dissolved Oxygen Agriculture	TMDL approved	2012 The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Port Tobacco River.
MD-POTOH2 POTOH2 - Port Tobacco River Oligohaline	CH	Open-Water Fish and Shellfish Subcategory Chesapeake Bay segment	Nitrogen (Total)	Dissolved Oxygen Agriculture	TMDL approved	2012 The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Port Tobacco River.

<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-POTOH2	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH2 - Port Tobacco River Oligohaline		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Port Tobacco River.	
MD-POTOH3	CH	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POTOH3	CH	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
POTOH3 - Nanjemoy Creek		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The SAV/water clarity goal has not been met for this segment. This segment was split out from the previous TSS listing for POTOH.	
MD-POTOH3	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-POTOH3	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	

<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-POTOH3	CH	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
POTOH3 - Nanjemoy Creek		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-MATTF	CH	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Mattawoman Creek.	
MD-MATTF	CH	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh		Chesapeake Bay segment		Urban Runoff/Storm Sewers	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Mattawoman Creek.	
MD-MATTF	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh		Chesapeake Bay segment		Urban Runoff/Storm Sewers	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Mattawoman Creek.	
MD-MATTF	CH	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
MATTF - Mattawoman Creek Tidal Fresh		Chesapeake Bay segment		Agriculture	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. The Ches. Bay TMDL supersedes the previously approved nutrient TMDL for Mattawoman Creek.	

<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-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-PISTF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-PISTF	PG	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-02140203	PG	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2008
Piscataway Creek		Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)		
MD-PISTF	PG	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory	Total Suspended Solids (TSS)	SAV and Water Clarity	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010. SAV does not meet the restoration goal. This listing supersedes the previous Sediment/TSS listing for watershed 02140203.	

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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-PISTF	PG	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-PISTF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	Nitrogen (Total)	Dissolved Oxygen	TMDL approved	2012
PISTF - Piscataway Creek tidal Fresh		Chesapeake Bay segment		Source Unknown	The Chesapeake Bay TMDL, addressing this impairment, was finalized on 12/29/2010.	
MD-ANATF	PG	Water Contact Sports	Enterococcus	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	Water Contact Sports	Debris/Floatables/Trash	Direct Measurement	TMDL approved	2012
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Inappropriate Waste Disposal		
MD-02140205	MO, PG	Water Contact Sports	Debris/Floatables/Trash	Direct Measurement	TMDL approved	2012
Anacostia River		Non-tidal 8-digit watershed		Inappropriate Waste Disposal		
MD-ANATF	PG	Open-Water Fish and Shellfish Subcategory	Nitrogen (Total)	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD. These TMDLs remain in force superceding the 2010 Chesapeake Bay TMDL for ANATF.	
MD-02140205	MO, PG	Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2008
Anacostia River		Non-tidal 8-digit watershed		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-ANATF	PG	Open-Water Fish and Shellfish Subcategory	Phosphorus (Total)	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD. These TMDLs remain in force superceding the 2010 Chesapeake Bay TMDL for ANATF.	
MD-ANATF	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory.	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD. These TMDLs remain in force superceding the 2010 Chesapeake Bay TMDL for ANATF.	
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)		
MD-02140205-Northeast_Northwest_Branches	MO, PG	Fishing	Polychlorinated biphenyls	Direct Measurement	TMDL approved	2012
Anacostia River		River Mainstem		Urban Runoff/Storm Sewers	The extent of this listing was refined in 2010 to reflect the actual non-tidal impaired waters. This listing only applies to the Northeast and Northwest Branches of the Anacostia watershed.	
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.	

<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-02140205 Anacostia River	MO, PG	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Nitrogen (Total)	Direct Measurement Discharges from Municipal Separate Storm Sewer Systems (MS4)	TMDL approved	2009
MD-02140205 Anacostia River	MO, PG	Aquatic Life and Wildlife Non-tidal 8-digit watershed	BOD, Biochemical oxygen demand	Direct Measurement Discharges from Municipal Separate Storm Sewer Systems (MS4)	TMDL approved	2009
MD-ANATF ANATF - Anacostia River Tidal Fresh	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory. Chesapeake Bay segment	Nitrogen (Total)	Direct Measurement Discharges from Municipal Separate Storm Sewer Systems (MS4)	TMDL approved In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD. These TMDLs remain in force superceding the 2010 Chesapeake Bay TMDL for ANATF.	2010
MD-ANATF ANATF - Anacostia River Tidal Fresh	PG	Seasonal Shallow-Water Submerged Aquatic Vegetation Subcategory Chesapeake Bay segment	Total Suspended Solids (TSS)	SAV and Water Clarity Channel Erosion/Incision from Upstream Hydromodifications	TMDL approved 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.	2008
MD-ANATF ANATF - Anacostia River Tidal Fresh	PG	Seasonal Migratory Fish Spawning and Nursery Subcategory. Chesapeake Bay segment	Phosphorus (Total)	Direct Measurement Discharges from Municipal Separate Storm Sewer Systems (MS4)	TMDL approved In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD. These TMDLs remain in force superceding the 2010 Chesapeake Bay TMDL for ANATF.	2010

<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-ANATF	PG	Open-Water Fish and Shellfish Subcategory	BOD, Biochemical oxygen demand	Direct Measurement	TMDL approved	2010
ANATF - Anacostia River Tidal Fresh		Chesapeake Bay segment		Discharges from Municipal Separate Storm Sewer Systems (MS4)	In 2008 a joint TMDL between MD and DC was developed for impairments due to TN, TP, and BOD. These TMDLs remain in force superceding the 2010 Chesapeake Bay TMDL for ANATF.	
MD-02140205	MO, PG	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008
Anacostia River		Non-tidal 8-digit watershed	73%	Urban Runoff/Storm Sewers	A joint TMDL developed in cooperation with DC was approved for both the tidal and nontidal portions of the Anacostia that addressed the sediment/TSS impairment. TMDL approved by EPA on 7/24/07. This listing replaces the biological listing.	
MD-02140206	MO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Rock Creek		Non-tidal 8-digit watershed	78%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that excess sediment is a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses the biological impairment for this watershed.	
MD-02140206	MO	Water Contact Sports	Enterococcus	Direct Measurement	TMDL approved	2008
Rock Creek		Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		
MD-02140207	MO	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2011
Cabin John Creek		Non-tidal 8-digit watershed	58%	Urban Runoff/Storm Sewers	The Biostressor analysis indicated that TSS is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.	
MD-02140207	MO	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2008
Cabin John Creek		Non-tidal 8-digit watershed		Sanitary Sewer Overflows (Collection System Failures)		

<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-021402080857- Clopper_Lake Seneca Creek	MO	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Urban Runoff/Storm Sewers	TMDL approved	2002
MD-02140208 Seneca Creek	MO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS) 16%	Habitat Evaluation Urban Runoff/Storm Sewers	TMDL approved 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.	2011
MD-021402080857- Clopper_Lake Seneca Creek	MO	Aquatic Life and Wildlife Impoundments	Sedimentation/siltation	Unknown Urban Runoff/Storm Sewers	TMDL approved	2002
MD-02140302- LAKE_LINGANORE Lower Monocacy River	FR	Aquatic Life and Wildlife Impoundments	Phosphorus (Total)	Dissolved Oxygen Municipal Point Source Discharges	TMDL approved	2004
MD-02140302- LAKE_LINGANORE Lower Monocacy River	FR	Aquatic Life and Wildlife Impoundments	Sedimentation/siltation	Unknown Agriculture	TMDL approved	2004
MD-02140302 Lower Monocacy River	CR, FR, MO	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS) 71%	Habitat Evaluation Agriculture	TMDL approved The Biostressor analysis indicated that excess sediment is a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses the biological impairment.	2009
MD-02140302 Lower Monocacy River	CR, FR, MO	Water Contact Sports Non-tidal 8-digit watershed	Escherichia coli	Direct Measurement Livestock (Grazing or Feeding Operations)	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-02140303	CR, FR	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2010
Upper Monocacy River		Non-tidal 8-digit watershed		Agriculture		
MD-02140303	CR, FR	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Upper Monocacy River		Non-tidal 8-digit watershed		Manure Runoff		
MD-02140304	CR, FR	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Double Pipe Creek		Non-tidal 8-digit watershed	75%	Agriculture	The Biostressor analysis indicates that excess sediment is a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses a portion of the biological impairment listing.	
MD-02140304	CR, FR	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Double Pipe Creek		Non-tidal 8-digit watershed		Wastes from Pets		
MD-02140305	FR	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Catoctin Creek		Non-tidal 8-digit watershed		Crop Production (Crop Land or Dry Land)		
MD-02140501	WA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2012
Potomac River Washington County		Non-tidal 8-digit watershed	73%	Agriculture	The Biostressor analysis indicated that sediment is a major stressor affecting biological integrity in this watershed. The TMDL for sediment addresses a portion of the biological impairment listing.	
MD-02140502	WA	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Antietam Creek		Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		

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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-02140502	WA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Antietam Creek		Non-tidal 8-digit watershed		Crop Production (Crop Land or Dry Land)		
MD-02140504	WA	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Conococheague Creek		Non-tidal 8-digit watershed		Wastes from Pets		
MD-02140504	WA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2009
Conococheague Creek		Non-tidal 8-digit watershed		Crop Production (Crop Land or Dry Land)		
MD-021410020107-Lake_Habeeb	AL	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2000
Evitts Creek		Impoundments		Agriculture		
MD-02141002	AL	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	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-021410030099-UT1_JENNINGS_RUN	AL, GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Wills Creek		Non-tidal Segment(s)		Acid Mine Drainage	This segment flows downstream toward Mount Savage.	
MD-021410030098-UT3_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/UJN0005 (not whole 12-digit watershed). Segment crosses Beartrack Farm Road.	

<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-021410030099-UT2_JENNINGS_RUN	AL, GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Wills Creek		Non-tidal Segment(s)		Acid Mine Drainage	This segment flows downstream between Morantown and Slabtown.	
MD-02141003	AL, GA	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2008
Wills Creek		Non-tidal 8-digit watershed		Combined Sewer Overflows		
MD-02141003	AL, GA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	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.	
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	These segments flow downstream and cross Sugar Row Road.	
MD-021410040089-Jackson_Run	AL	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek		Non-tidal Segment(s)		Acid Mine Drainage	Impaired segments identified by TMDL monitoring.	
MD-02141004	AL, GA	Aquatic Life and Wildlife	BOD, carbonaceous	Direct Measurement	TMDL approved	2002
Georges Creek		Non-tidal 8-digit watershed		Combined Sewer Overflows		
MD-021410040091-Matthew_Run	AL	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Georges Creek		Non-tidal Segment(s)		Acid Mine Drainage	Impaired segment identified by TMDL monitoring.	

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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-021410040089-Mill_Run Georges Creek	AL, GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved Impaired segments identified by TMDL monitoring.	2008
MD-021410040088-UTS_Georges_Creek Georges Creek	AL, GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved Listing scale refined by TMDL.	2008
MD-02141004 Georges Creek	AL, GA	Water Contact Sports Non-tidal 8-digit watershed	Escherichia coli	Direct Measurement Combined Sewer Overflows	TMDL approved	2008
MD-021410040093-Winebrenner_Run Georges Creek	AL	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Acid Mine Drainage	TMDL approved Impaired segment identified by TMDL monitoring.	2008
MD-02141004 Georges Creek	AL, GA	Aquatic Life and Wildlife Non-tidal 8-digit watershed	BOD, nitrogenous	Direct Measurement Combined Sewer Overflows	TMDL approved	2002
MD-021410040092-Staub_Run Georges Creek	AL, GA	Aquatic Life and Wildlife Non-tidal Segment(s)	pH, Low	Direct Measurement Atmospheric Deposition - Acidity	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	Aquatic Life and Wildlife Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	Habitat Evaluation Urban Runoff/Storm Sewers	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-021410050047-Short_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.	
MD-021410050043-Glade_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.	
MD-021410050046-S_Prong_Lostland_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.	
MD-021410050048-Three_Forks_Run_part	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Subwatershed	32%	Acid Mine Drainage	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.	
MD-021410050039-Laurel_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Subwatershed	32%	Acid Mine Drainage	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.	

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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-021410050046-N_Prong_Lostland_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.	
MD-021410050047-Wolfdon_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.	
MD-021410050048-Three_Forks_Run	GA	Aquatic Life and Wildlife	Iron	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River		Subwatershed		Acid Mine Drainage		
MD-021410050039-Laurel_Run	GA	Aquatic Life and Wildlife	Aluminum	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River		Subwatershed		Acid Mine Drainage		
MD-021410050050-Laurel_Run_north	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.	
MD-021410050048-Three_Forks_Run	GA	Aquatic Life and Wildlife	Aluminum	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River		Subwatershed		Acid Mine Drainage		

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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-02141005- Mainstem_aboveJR_Lake	AL, GA	Aquatic Life and Wildlife	Iron	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River		Non-tidal Segment(s)		Acid Mine Drainage		
MD-021410050039- Laurel_Run	GA	Aquatic Life and Wildlife	Iron	Direct Measurement	TMDL approved	2012
Upper North Branch Potomac River		Subwatershed		Acid Mine Drainage		
MD-021410050049- E_klick_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal Segment(s)	32%	Acid Mine Drainage	The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. The TMDLs for pH address a portion of the biological impairment listing.	
MD-02141005	AL, GA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008
Upper North Branch Potomac River		Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		
MD-021410060078-Big_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River		Non-tidal Segment(s)		Atmospheric Deposition - Acidity		
MD-021410060078- Miller_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River		Non-tidal Segment(s)		Atmospheric Deposition - Acidity		
MD-021410060081- Little_Savage_River	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River		Non-tidal Segment(s)		Atmospheric Deposition - Acidity		

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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-021410060077- Pine_Swamp_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River		Non-tidal Segment(s)		Acid Mine Drainage		
MD-021410060075- UT_Savage_River	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River		Non-tidal Segment(s)		Acid Mine Drainage		
MD-021410060079- Poplar_Lick_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River		Non-tidal Segment(s)		Atmospheric Deposition - Acidity		
MD-021410060075- Aaron_Run	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Savage River		Non-tidal Segment(s)		Acid Mine Drainage		
MD-021410060077- Savage_Reservoir	GA	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Savage River		Impoundments		Atmospheric Deposition - Toxics		
MD-05020201	GA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2006
Youghiogheny River		Non-tidal 8-digit watershed		Livestock (Grazing or Feeding Operations)		
MD-05020201- Multiple_segments2	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Youghiogheny River		Non-tidal Segment(s)		Acid Mine Drainage	This assessment and TMDL address pH impairments in multiple segments throughout the Youghiogheny River watershed. Please see the TMDL document developed for low pH in the Youghiogheny River Basin.	

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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-050202010002- Cherry_Creek	GA	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Youghiogheny River		Non-tidal Segment(s)		Livestock (Grazing or Feeding Operations)	listing is for upstream of station CHC0008	
MD-05020202	GA	Aquatic Life and Wildlife	BOD, carbonaceous	Direct Measurement	TMDL approved	2002
Little Youghiogheny River		Non-tidal 8-digit watershed		Municipal Point Source Discharges		
MD-05020202	GA	Water Contact Sports	Escherichia coli	Direct Measurement	TMDL approved	2009
Little Youghiogheny River		Non-tidal 8-digit watershed		On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		
MD-050202020026- Broadford_Lake	GA	Aquatic Life and Wildlife	Phosphorus (Total)	Dissolved Oxygen	TMDL approved	2000
Little Youghiogheny River		Impoundments		Non-Point Source		
MD-05020202	GA	Aquatic Life and Wildlife	BOD, nitrogenous	Direct Measurement	TMDL approved	2002
Little Youghiogheny River		Non-tidal 8-digit watershed		Municipal Point Source Discharges		
MD-05020202	GA	Aquatic Life and Wildlife	Total Suspended Solids (TSS)	Habitat Evaluation	TMDL approved	2008
Little Youghiogheny River		Non-tidal 8-digit watershed		Agriculture		
MD-050202030029- Cherry_Creek	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2004
Deep Creek Lake		Subwatershed	45%	Acid Mine Drainage	The Biostressor analysis indicated that low pH is a major stressor affecting biological integrity in Cherry Creek. The TMDL for pH in Cherry Creek addresses a portion of the biological impairment listing.	

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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-050202040038- Big_Piney_Reservoir	GA	Fishing	Mercury in Fish Tissue	Direct Measurement	TMDL approved	2004
Casselman River		Impoundments		Atmospheric Deposition - Toxics		
MD-05020204- Multiple_segments	GA	Aquatic Life and Wildlife	pH, Low	Direct Measurement	TMDL approved	2008
Casselman River		Non-tidal Segment(s)	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.	