F.2 Category 2 Waters

Maryland's 2010 Final Integrated Report - Category 2 Clean Waters

Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-CB1TF-02120201	Tidal Lower Susquehanna River	CE, HA	Aquatic Life and Wildlife	Tidal subsegment	Cadmium	This listing only applies to the tidal Lower Susquehanna
					Direct Measurement	(02120201) portion of CB1TF.
MD-CB1TF-02120201	Tidal Lower Susquehanna River	CE, HA	Fishing	Tidal subsegment	Mercury in Fish Tissue	
					Direct Measurement	
MD-02120202	Deer Creek	НА	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	
MD-02120203	Octoraro Creek	CE	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	
MD-02120204	Conowingo Dam Susquehanna River	CE, HA	Water Contact Sports	River Mainstem	Fecal Coliform	
					Direct Measurement	
MD-02120204- Conowingo_Pool	Conowingo Dam Susquehanna River	CE, HA	Fishing	Impoundments	Mercury in Fish Tissue	
					Direct Measurement	
MD-02120204- SCOTT_CREEK	Conowingo Dam Susquehanna River	CE, HA	Water Contact Sports	Non-tidal Segment(s)	Fecal Coliform	
					Direct Measurement	
MD-02120205	Broad Creek	НА	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-02130102-T	Assawoman Bay	WO	Shellfishing	Tidal Shellfish Area	Fecal Coliform Direct Measurement	
MD-021301030687-T- HerringTurville_Creeks	Isle of Wight Bay	WO	Shellfishing	Tidal Shellfish Area	Fecal Coliform	
-					Direct Measurement	
MD-02130104-T	Sinepuxent Bay	WO	Shellfishing	Tidal Shellfish Area	Fecal Coliform Direct Measurement	
MD-02130105-T	Newport Bay	WO	Shellfishing	Tidal Shellfish Area	Fecal Coliform Direct Measurement	
MD-02130106-T	Chincoteague Bay	WO	Shellfishing	Tidal Shellfish Area	Fecal Coliform Direct Measurement	
MD-POCTF- PUBLIC_LANDING_BEAC H	POCTF - Upper Pocomoke River Tidal Fresh	WO	Water Contact Sports	Public Beach	Enterococcus Direct Measurement	Re-analysis of data used in 2008 listing indicated that the geometric mean met the criteria used to list beach. Data used in 2010 listing also met criteria.
MD-POCOH-02130202	Lower Pocomoke River	WO, SO	Fishing	Tidal subsegment	Mercury in Fish Tissue Direct Measurement	
MD-TANMH- WELLINGTON_BEACH	TANMH - Tangier Sound Mesohaline	SO	Water Contact Sports	Public Beach	Enterococcus	
					Direct Measurement	

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Assessment Unit	Basin Name	Basin Name County Design	Designated Use	Designated Use Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-TANMH- LAWS_UPPER- THOROFARE	TANMH - Tangier Sound Mesohaline	SO	Shellfishing	Tidal Shellfish Area	Fecal Coliform	TMDL approved in 2006. New data after TMDL developed shows this area as meeting
					Direct Measurement	the shellfish bacteria standard.
MD-TANMH	TANMH - Tangier Sound Mesohaline	DO, SO	Aquatic Life and Wildlife	Chesapeake Bay segment	Cause Unknown	
					Benthic IBI	
MD-MANMH	MANMH - Manokin River Mesohaline	SO	Aquatic Life and Wildlife	Chesapeake Bay segment	Cause Unknown	
					Benthic IBI	
MD-MANMH- RACCOON_POINT_BEAC H	MANMH - Manokin River Mesohaline	SO	Water Contact Sports	Public Beach	Enterococcus	
					Direct Measurement	
MD-MANMH-02130208	MANMH - Manokin River Mesohaline	SO	Fishing	Tidal subsegment	PCB in Fish Tissue	PCB concentrations were found to be below the
					Direct Measurement	threshold of 39.0 ppb.
MD-02130301- Schumaker_Pond	Lower Wicomico River	WI	Fishing	Impoundments	Mercury in Fish Tissue	
					Direct Measurement	
MD-WICMH-02130301	Lower Wicomico River	WI, SO	Fishing	Tidal subsegment	Mercury in Fish Tissue	This record only applies to the Lower Wicomico River
					Direct Measurement	(02130301) watershed
MD-WICMH	WICMH - Wicomico River Mesohaline	WI, SO	Seasonal Shallow- Water Submerged Aquatic Vegetation Subcategory	Chesapeake Bay segment	Total Suspended Solids (TSS)	The SAV/water clarity restoration goal is now being met. This listing supersedes the previous Sediment/TSS
					SAV and Water Clarity	listing for watersheds 02130301 and 02130303.

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-02130304- Johnsons_Pond	Wicomico River Headwaters	WI	Fishing	Impoundments	Mercury in Fish Tissue	
					Direct Measurement	
MD-NANMH- COVE_ROAD_BEACH	NANMH - Lower Nanticoke River Mesohaline	WI	Water Contact Sports	Public Beach	Fecal Coliform	See "ListingReview_old98_listings. doc" information for 303(d)
					Direct Measurement	data for 2008 listing cycle.
MD-NANMH	NANMH - Lower Nanticoke River Mesohaline	DO, WI	Aquatic Life and Wildlife	Chesapeake Bay segment	Cause Unknown	
					Benthic IBI	
MD-NANTF- CHERRY_BEACH	NANTF - Upper Nanticoke River Tidal Fresh	WI	Water Contact Sports	Public Beach	Enterococcus	Sanitary survey did not indicate presence of pathogenic bacteria sources.
	110011				Direct Measurement	Monitoring data indicates that water quality meets criteria.
MD-NANMH-02130305	NANMH - Lower Nanticoke River Mesohaline	DO, WI	Fishing	Chesapeake Bay segment	Mercury in Fish Tissue	
					Direct Measurement	
MD-02130307- Little_Blackwater	Fishing Bay	DO	Fishing	Non-tidal Segment(s)	PCB in Fish Tissue	PCB concentrations in the tissue in composites of fish
					Direct Measurement	caught within the previous 5 years are less than the threshold of 39.0 ppb.
MD-FSBMH-Tedious_Creek	Fishing Bay	DO	Water Contact Sports	Tidal subsegment	Fecal Coliform	Erroneous listing. The shellfish harvesting
	Sports		Direct Measurement	designated use does not apply in this area. Evaluation of the data for public health concerns indicated that the bacteria levels are well below the contact recreation criterion.		

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-HNGMH-Tar_Bay	Honga River	DO	Water Contact Sports	Tidal subsegment	Fecal Coliform	Erroneous listing. The shellfish harvesting
					Direct Measurement	designated use does not apply in this area. Evaluation of the data for public health concerns indicated that the bacteria levels are well below the contact recreation criterion.
MD-LCHMH-Church_Creek	Little Choptank River	DO	Shellfishing	Tidal Shellfish Area	Fecal Coliform	TMDL completed in 2005.
					Direct Measurement	New data after development of the TMDL showed that the bacteria water quality standard is being met.
MD-CHOMH2-02130403	CHOMH2 - Choptank River Mesohaline mouth 2	TA, DO	Fishing	Tidal subsegment	Mercury in Fish Tissue	
					Direct Measurement	
MD-CHOMH2- Whitehall_Creek	Lower Choptank River	DO	Shellfishing	Tidal Shellfish Area	Fecal Coliform	TMDL completed in 2006. Since then, new data shows
					Direct Measurement	that the bacteria water quality standard is being met.
MD-CHOMH1- Cummings_Creek	Lower Choptank River	ТА	Shellfishing	Tidal Shellfish Area	Fecal Coliform	TMDL was accepted for WQA concurrence.
					Direct Measurement	
MD-CHOMH1-Tar_Creek	Lower Choptank River	TA	Shellfishing	Tidal Shellfish Area	Fecal Coliform	TMDL approved in 2005.
					Direct Measurement	Newer data now shows that the bacteria water quality standard is being met.
MD-CHOMH2- Jenkins_Creek	Lower Choptank River	DO	Shellfishing	Tidal Shellfish Area	Fecal Coliform	TMDL was accepted for WQA concurrence.
					Direct Measurement	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-CHOOH-02130404	CHOOH - Choptank River Oligohaline	CA, TA	Fishing	Tidal subsegment	PCB in Fish Tissue Direct Measurement	The data used for the 2008 listing included 2004 samples that should not have been used. One analysis was on yellow perch ovaries and 2nd was on the whole fish. For advisories and 303(d) only fillets are used.
MD-CHOOH- Choptank_Marine_Beach	Upper Choptank River	CA	Water Contact Sports	Public Beach	Fecal Coliform Direct Measurement	Delisted based on new information. According to Caroline County Health Department, Choptank Marine Beach has not been monitored nor has it been used for swimming in over 15 years. Currently there is only a marina and boat ramp.
MD-CHOTF- CAMP_MARDELA_BEACH	CHOTF - Upper Choptank River Tidal Fresh	CA	Water Contact Sports	Public Beach	Enterococcus Direct Measurement	Sufficient data was collected. Sanitary survey did not indicate presence of pathogenic bacteria sources. Monitoring data indicates that water quality meets criteria.
MD-02130405- Tuckahoe_Lake	Tuckahoe River	QA, CA	Fishing	Impoundments	PCB in Fish Tissue Direct Measurement	
MD-02130405	Tuckahoe Creek	TA, QA, CA	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown Fish and Benthic IBIs	
MD-EASMH- Shipping_Creek	Eastern Bay	QA	Shellfishing	Tidal Shellfish Area	Fecal Coliform Direct Measurement	
MD-02130503	Wye River	QA, TA	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown Fish and Benthic IBIs	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-EASMH-WYE_RIVER2	Wye River	QA, TA	Shellfishing	Tidal Shellfish Area	Fecal Coliform Direct Measurement	This area was added to the existing restricted shellfish harvesting area. Although a TMDL has been completed, area now meets shellfish harvesting area bacteria criterion.
MD-EASMH-Wells_Cove	Kent Narrows - Prospect Bay	QA	Shellfishing	Tidal Shellfish Area	Fecal Coliform Direct Measurement	TMDL approved in 2006. New data now shows that bacteria water quality standards are being met.
MD-CB3MH- Rockhall_Beach	Lower Chester River	KE	Water Contact Sports	Public Beach	Enterococcus Direct Measurement	Sanitary survey did not indicate presence of pathogenic bacteria sources. Monitoring data indicates that water quality criteria are attained. No longer designated as beach by Kent County.
MD-CHSMH-OH-02130505	Lower Chester River	KE, QA	Fishing	Tidal subsegment	PCB in Fish Tissue Direct Measurement	Data reanalyzed. Shows this area meeting the PCB threshold.
MD-02130506	Langford Creek	KE	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown Fish and Benthic IBIs	
MD-CHSMH- Langford_Creek	Langford Creek	KE	Shellfishing	Tidal Shellfish Area	Fecal Coliform Direct Measurement	Erroneously listed. The state does not list conditionally approved shellfish areas. New data shows that is meets the shellfish bacteria standard.
MD-CHSMH-02130506	Langford Creek	KE	Fishing	Tidal subsegment	PCB in Fish Tissue Direct Measurement	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-02130507	Corsica River	QA	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
			Whalle		Fish and Benthic IBIs	
MD-02130508	Southeast Creek	QA	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	
MD-CHSOH-02130508	Southeast Creek	QA	Fishing	Tidal subsegment	PCB in Fish Tissue	PCB concentrations in the
					Direct Measurement	tissue in composites of white perch caught within the previous 5 years are well below the threshold of 39.0 ppb.
MD-CHSOH- ChesterRiver_Yacht_Countr yclub_Beach	Southeast Creek	QA	Water Contact Sports	Public Beach	Enterococcus	
					Direct Measurement	
MD-CB4MH- Kent_Island_Bay	Kent Island Bay	QA	Shellfishing	Tidal Shellfish Area	Fecal Coliform	
					Direct Measurement	
MD-ELKOH	ELKOH - Elk River Oligohaline	CE	Seasonal Shallow- Water Submerged Aquatic Vegetation Subcategory	Chesapeake Bay segment	Total Suspended Solids (TSS)	SAV meets the restoration goal. This listing captures the Sediment/TSS listings for watersheds 02130601 and 02130603.
			5 ,		SAV and Water Clarity	
MD-BOHOH	BOHOH - Bohemia River Oligohaline	CE	Seasonal Shallow- Water Submerged Aquatic Vegetation Subcategory	Chesapeake Bay segment	Total Suspended Solids (TSS)	SAV meets restoration goal.
					SAV and Water Clarity	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-C&DOH	C&DOH - C&D Canal Oligohaline	CE	Aquatic Life and Wildlife	Chesapeake Bay segment	Silver	
					Direct Measurement	
MD-C&DOH	C&DOH - C&D Canal Oligohaline	CE	Aquatic Life and Wildlife	Chesapeake Bay segment	Arsenic	
					Direct Measurement	
MD-C&DOH	C&DOH - C&D Canal Oligohaline	CE	Seasonal Shallow- Water Submerged Aquatic Vegetation Subcategory	Chesapeake Bay segment	Total Suspended Solids (TSS)	SAV meets restoration goal.
					SAV and Water Clarity	
MD-C&DOH	C&DOH - C&D Canal Oligohaline	CE	Aquatic Life and Wildlife	Chesapeake Bay segment	Cadmium	
					Direct Measurement	
MD-02130608	Northeast River	CE	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
_					Fish and Benthic IBIs	
MD-NORTF	NORTF - North East River Tidal Fresh	CE	Aquatic Life and Wildlife	Chesapeake Bay segment	Lead	This listing captures the previous lead listing (and
					Direct Measurement	WQA) for watershed 02130608.WQA under development
MD-NORTF	NORTF - North East River Tidal Fresh	CE	Aquatic Life and Wildlife	Chesapeake Bay segment	Zinc	This listing captures the previous zinc listing (and
					Direct Measurement	WQA) for watershed 02130608.
MD-NORTF	NORTF - North East River Tidal Fresh	CE	Seasonal Shallow- Water Submerged Aquatic Vegetation Subcategory	Chesapeake Bay segment	Total Suspended Solids (TSS)	SAV meets the restoration goal. This listing supercedes the previous Sediments/TSS listing for watershed 02130608.
					SAV and Water Clarity	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-02130609	Furnace Bay	CE	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	
MD-SASOH- GREGG_NECK_BEACH	SASOH - Sassafras River Oligohaline	KE	Water Contact Sports	Public Beach	Enterococcus	Sanitary survey did not indicate presence of
					Direct Measurement	pathogenic bacteria sources. Monitoring data indicates that water quality criteria are attained. No longer designated as beach by Kent County and therefore will not be monitored in the future.
MD-SASOH- BETTERTON BEACH	SASOH - Sassafras River Oligohaline	KE	Water Contact Sports	Public Beach	Enterococcus	Re-analysis of data used in 2008 listing indicated that the
BETTERTON_BEACH	Tiver ongoname		ороло		Direct Measurement	geometric mean met the criteria used to list beach. Data used in 2010 listing also met criteria.
MD-BSHOH-02130701	BSHOH - Bush River Oligohaline	НА	Fishing	Tidal subsegment	Mercury in Fish Tissue	
					Direct Measurement	
MD-BSHOH	BSHOH - Bush River Oligohaline	НА	Seasonal Shallow- Water Submerged Aquatic Vegetation Subcategory	Chesapeake Bay segment	Total Suspended Solids (TSS)	SAV meets restoration goal.
			0 ,		SAV and Water Clarity	
MD-BSHOH	BSHOH - Bush River Oligohaline	НА	Aquatic Life and Wildlife	Chesapeake Bay segment	Cause Unknown	
	J				Benthic IBI	
MD-02130704- BynumRun_Community_La ke	Bynum Run	НА	Fishing	Impoundments	Mercury in Fish Tissue	Result from a composite of largemouth bass (n = 5) were below the Hg threshold of 300
					Direct Measurement	ppb.

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Notes
					Indicator
MD-02130704	Bynum Run	НА	Fishing	Non-tidal 8-digit watershed	Mercury in Fish Tissue
					Direct Measurement
MD-02130704	Bynum Run	НА	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nitrogen (Total)
					Dissolved Oxygen
MD-02130704	Bynum Run	НА	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)
					Dissolved Oxygen
MD-GUNOH-02130801	Gunpowder River	HA, BA	Fishing	Tidal subsegment	Mercury in Fish Tissue
					Direct Measurement
MD-GUNOH	GUNOH - Gunpowder River Oligohaline	HA, BA	Aquatic Life and Wildlife	Chesapeake Bay segment	Cause Unknown
					Benthic IBI
MD-02130802	Lower Gunpowder Falls	ВА	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nickel
					Direct Measurement
MD-02130802	Lower Gunpowder Falls	ВА	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Zinc
					Direct Measurement
MD-02130802	Lower Gunpowder Falls	ВА	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Lead
					Direct Measurement
MD-02130802	Lower Gunpowder Falls	ВА	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Mercury
					Direct Measurement
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MD-02130802 Lower Gunpowder Falls BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Examine. MD-02130802 Lower Gunpowder Falls BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Direct Measurement MD-02130802 Lower Gunpowder Falls BA Aquatic Life and Wildlife Direct Measurement MD-02130802 Lower Gunpowder Falls BA Aquatic Life and Wildlife Direct Measurement MD-02130802 Lower Gunpowder Falls BA Aquatic Life and Wildlife Direct Measurement MD-02130802 Lower Gunpowder Falls BA Aquatic Life and Wildlife Selection Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Selection Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Selection Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Selection Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Selection Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Selection Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Selection Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Selection Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Selection Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Selection Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Selection Direct Measurement	Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Notes
MD-02130802 Lower Gunpowder Falls BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Cadmium Direct Measurement MD-02130802 Lower Gunpowder Falls BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Arsenic Direct Measurement MD-02130802 Lower Gunpowder Falls BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Selentum Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Selection Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Zinc Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Zinc Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Selenium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Compowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Cadmium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Cadmium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Chromium, trivalent						Indicator
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MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife						Direct Measurement
MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Fish and Benthic IBIs MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Selenium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Cadmium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Cadmium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Chromium, trivalent	MD-02130802	Lower Gunpowder Falls	ВА		Non-tidal 8-digit watershed	Selenium
MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife MD-02130804 Cadmium Direct Measurement Cadmium Direct Measurement						Direct Measurement
MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Selenium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Cadmium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Cadmium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Chromium, trivalent	MD-02130804	Little Gunpowder Falls	HA, BA		1st thru 4th order streams	Cause Unknown
MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Chromium, trivalent						Fish and Benthic IBIs
MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Cadmium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Cadmium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Chromium, trivalent	MD-02130804	Little Gunpowder Falls	на, ва		Non-tidal 8-digit watershed	Zinc
MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Cadmium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Chromium, trivalent						Direct Measurement
MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Cadmium Direct Measurement MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Chromium, trivalent	MD-02130804	Little Gunpowder Falls	на, ва		Non-tidal 8-digit watershed	Selenium
MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Chromium, trivalent						Direct Measurement
MD-02130804 Little Gunpowder Falls HA, BA Aquatic Life and Wildlife Non-tidal 8-digit watershed Chromium, trivalent	MD-02130804	Little Gunpowder Falls	на, ва		Non-tidal 8-digit watershed	Cadmium
Wildlife						Direct Measurement
	MD-02130804	Little Gunpowder Falls	HA, BA		Non-tidal 8-digit watershed	Chromium, trivalent
						Direct Measurement

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-02130804	Little Gunpowder Falls	HA, BA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Copper	
					Direct Measurement	
MD-02130804	Little Gunpowder Falls	HA, BA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Mercury	
					Direct Measurement	
MD-02130804	Little Gunpowder Falls	НА, ВА	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Lead	
					Direct Measurement	
MD-02130804	Little Gunpowder Falls	HA, BA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Arsenic	
					Direct Measurement	
MD-02130804	Little Gunpowder Falls	HA, BA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)	Monitoring completed for this area. Waiting on Chesabeake
					Dissolved Oxygen	Bay Phase 5 model and VIMS work on model development.
MD-02130804	Little Gunpowder Falls	HA, BA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nickel	
					Direct Measurement	
MD-02130805- Loch_Raven_Reservoir	Loch Raven Reservoir	BA, CR	Aquatic Life and Wildlife	Impoundments	Nickel	
					Direct Measurement	
MD-02130805- Loch_Raven_Reservoir	Loch Raven Reservoir	BA, CR	Aquatic Life and Wildlife	Impoundments	Lead	
					Direct Measurement	
MD-02130805- Loch_Raven_Reservoir	Loch Raven Reservoir	BA, CR	Aquatic Life and Wildlife	Impoundments	Chromium (total)	
					Direct Measurement	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Notes Indicator
MD-02130805- Loch_Raven_Reservoir	Loch Raven Reservoir	BA, CR	Aquatic Life and Wildlife	Impoundments	Cadmium
					Direct Measurement
MD-02130805- Loch_Raven_Reservoir	Loch Raven Reservoir	BA, CR	Aquatic Life and Wildlife	Impoundments	Selenium
					Direct Measurement
MD-02130805- Loch_Raven_Reservoir	Loch Raven Reservoir	BA, CR	Aquatic Life and Wildlife	Impoundments	Copper
					Direct Measurement
MD-02130805- Loch_Raven_Reservoir	Loch Raven Reservoir	BA, CR	Fishing	Impoundments	PCB in Fish Tissue
					Direct Measurement
MD-02130805- Loch_Raven_Reservoir	Loch Raven Reservoir	BA, CR	Aquatic Life and Wildlife	Impoundments	Arsenic
					Direct Measurement
MD-021308060313- Prettyboy_Reservoir	Prettyboy Reservoir	ВА	Aquatic Life and Wildlife	Impoundments	Selenium
					Direct Measurement
MD-021308060313- Prettyboy_Reservoir	Prettyboy Reservoir	ВА	Fishing	Impoundments	PCB in Fish Tissue
					Direct Measurement
MD-021308060313- Prettyboy_Reservoir	Prettyboy Reservoir	ВА	Aquatic Life and Wildlife	Impoundments	Arsenic
					Direct Measurement
MD-021308060313- Prettyboy_Reservoir	Prettyboy Reservoir	ВА	Aquatic Life and Wildlife	Impoundments	Zinc
					Direct Measurement

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-02130806	Prettyboy Reservoir	BA, CR	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	
MD-021308060313- Prettyboy_Reservoir	Prettyboy Reservoir	ВА	Aquatic Life and Wildlife	Impoundments	Lead	
					Direct Measurement	
MD-021308060313- Prettyboy_Reservoir	Prettyboy Reservoir	ВА	Aquatic Life and Wildlife	Impoundments	Nickel	
					Direct Measurement	
MD-021308060313- Prettyboy_Reservoir	Prettyboy Reservoir	ВА	Aquatic Life and Wildlife	Impoundments	Copper	
					Direct Measurement	
MD-021308060313- Prettyboy_Reservoir	Prettyboy Reservoir	ВА	Aquatic Life and Wildlife	Impoundments	Chromium, hexavalent	
					Direct Measurement	
MD-021308060313- Prettyboy_Reservoir	Prettyboy Reservoir	ВА	Aquatic Life and Wildlife	Impoundments	Cadmium	
					Direct Measurement	
MD-MIDOH-02130807	MIDOH - Middle River Oligohaline	ВА	Aquatic Life and Wildlife	Chesapeake Bay segment	Cadmium - water column	
					Direct Measurement	
MD-MIDOH-02130807	MIDOH - Middle River Oligohaline	ВА	Aquatic Life and Wildlife	Chesapeake Bay segment	Copper	saltwater criteria used in 1998 listing
					Direct Measurement	
MD-MIDOH-02130807	Middle River	ВА	Fishing	Tidal subsegment	Mercury in Fish Tissue	
					Direct Measurement	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-MIDOH-02130807	MIDOH - Middle River Oligohaline	ВА	Aquatic Life and Wildlife	Chesapeake Bay segment	Nickel	saltwater criteria used in 1998 listing
					Direct Measurement	
MD-MIDOH-02130807	MIDOH - Middle River Oligohaline	ВА	Aquatic Life and Wildlife	Chesapeake Bay segment	Lead - water column	
					Direct Measurement	
MD-BACOH	BACOH - Back River Oligohaline	ВА	Aquatic Life and Wildlife	Chesapeake Bay segment	Zinc	
					Direct Measurement	
MD-BACOH	BACOH - Back River Oligohaline	ВА	Fishing	Chesapeake Bay segment	Mercury in Fish Tissue	
					Direct Measurement	
MD-PATMH-Bodkin_Creek	PATMH - Patapsco River Mesohaline	AA	Aquatic Life and Wildlife	Tidal subsegment	Lead	This listing only applies to the Bodkin Creek (02130902) portion of PATMH.
					Direct Measurement	
MD-PATMH-Bodkin_Creek	PATMH - Patapsco River Mesohaline	AA	Aquatic Life and Wildlife	Tidal subsegment	Zinc	This listing only applies to the Bodkin Creek (02130902)
					Direct Measurement	portion of PATMH.
MD-PATMH- PINE_GROVE_VILLAGE_B EACH	PATMH - Patapsco River Mesohaline	AA	Water Contact Sports	Public Beach	Enterococcus	Sanitary survey did not indicate presence of pathogenic bacteria sources.
LAGII					Direct Measurement	Monitoring data indicates that water quality criteria are attained. No longer designated as beach.
MD-PATMH- ROCK_CREEK	PATMH - Patapsco River Mesohaline	AA	Water Contact Sports	Subwatershed	Fecal Coliform	Data indicates waterbody meets standards for use I
					Direct Measurement waters.	waters.

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Notes Indicator
MD-02130904	Jones Falls	BA, BC	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)
					Dissolved Oxygen
MD-02130904	Jones Falls	BA, BC	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Copper
					Direct Measurement
MD-02130904	Jones Falls	BA, BC	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Lead
					Direct Measurement
MD-02130904	Jones Falls	BA, BC	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Zinc
					Direct Measurement
MD-02130904-Lake_Roland	Jones Falls	ВА	Fishing	Impoundments	Mercury in Fish Tissue
-					Direct Measurement
MD-021309041032	Jones Falls	BA, BC	Aquatic Life and Wildlife	Subwatershed	Copper
					Direct Measurement
MD-02130905	Gwynns Falls	BA, BC	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)
					Dissolved Oxygen
MD-02130906	Patapsco River Lower North Branch	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Lead
					Direct Measurement
MD-021309061012	Patapsco River Lower North Branch	AA, BA, BC	Aquatic Life and Wildlife	Subwatershed	Lead - water column WQA submitted with 2008 list.
					Direct Measurement

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-02130906	Patapsco River Lower North Branch	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Chromium (total)	
					Direct Measurement	
MD-02130906	Patapsco River Lower North Branch	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Cadmium	
					Direct Measurement	
MD-02130906	Patapsco River Lower North Branch	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Zinc	
		_			Direct Measurement	
MD-021309061012	Patapsco River Lower North Branch	AA, BA, BC	Aquatic Life and Wildlife	Subwatershed	Copper	WQA submitted with 2008 list.
					Direct Measurement	
MD-02130906	Patapsco River Lower North Branch	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Selenium	
					Direct Measurement	
MD-02130906	Patapsco River Lower North Branch	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nickel	
		O			Direct Measurement	
MD-02130906	Patapsco River Lower North Branch	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Mercury	
					Direct Measurement	
MD-02130906	Patapsco River Lower North Branch	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Copper	
		-			Direct Measurement	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-02130906	Patapsco River Lower North Branch	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)	
					Dissolved Oxygen	
MD-02130906	Patapsco River Lower North Branch	AA, BA, BC, HO, CR	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Arsenic	
					Direct Measurement	
MD-02130907- Liberty_Reservoir	Liberty Reservoir	BA, CR	Aquatic Life and Wildlife	Impoundments	Chromium (total)	
					Direct Measurement	
MD-02130907- Liberty_Reservoir	Liberty Reservoir	BA, CR	Fishing	Impoundments	PCB in Fish Tissue	Median PCB concentration is below the threshold.
					Direct Measurement	
MD-02130907- Liberty_Reservoir	Liberty Reservoir	BA, CR	Aquatic Life and Wildlife	Impoundments	Lead	
					Direct Measurement	
MD-021309081023- Piney_Run_Reservoir	South Branch Patapsco River	CR	Fishing	Impoundments	Mercury in Fish Tissue	
					Direct Measurement	
MD-021309081023- Piney_Run_Reservoir	South Branch Patapsco River	CR	Aquatic Life and Wildlife	Impoundments	Phosphorus (Total)	
					Dissolved Oxygen	
MD-021309081023- Piney_Run_Reservoir	South Branch Patapsco River	CR	Aquatic Life and Wildlife	Impoundments	Sedimentation/siltatio n	
					Unknown	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-021309081023- Piney_Run_Reservoir	South Branch Patapsco River	CR	Fishing	Impoundments	PCB in Fish Tissue	
					Direct Measurement	
MD-MAGMH	MAGMH - Magothy River Mesohaline	AA	Fishing	Chesapeake Bay segment	Mercury in Fish Tissue	
					Direct Measurement	
MD-MAGMH-Deep_Creek	MAGMH - Magothy River Mesohaline	AA	Shellfishing	Tidal Shellfish Area	Fecal Coliform	
					Direct Measurement	
MD-MAGMH-Tar_Cove	MAGMH - Magothy River Mesohaline		Shellfishing	Tidal Shellfish Area	Fecal Coliform	TMDL approved in 2006. New data shows the shellfish
					Direct Measurement	bacteria water quality standard as being met.
MD-SEVMH	SEVMH - Severn River Mesohaline	AA	Fishing	Chesapeake Bay segment	Mercury in Fish Tissue	
					Direct Measurement	
MD-SOUMH	SOUMH - South River Mesohaline	AA	Fishing	Chesapeake Bay segment	Mercury in Fish Tissue	
					Direct Measurement	
MD-SOUMH- ANNAPOLIS_LANDING_B EACH	SOUMH - South River Mesohaline	AA	Water Contact Sports	Public Beach	Enterococcus	
					Direct Measurement	
MD-RHDMH	RHDMH - Rhode River Mesohaline	AA	Seasonal Shallow- Water Submerged Aquatic Vegetation Subcategory	Chesapeake Bay segment	Total Suspended Solids (TSS)	The SAV/water clarity goal has been met for this segment. This listing was split from the previous
					SAV and Water Clarity	Sediment/TSS listing for watershed 02131004.

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-WST-RHDMH- 02131004	West River	AA	Fishing	Chesapeake Bay segment	Mercury in Fish Tissue	
					Direct Measurement	
MD-PAXMH- BATTLE_CREEK	PAXMH - Lower Patuxent River Mesohaline	CV	Shellfishing	Tidal Shellfish Area	Fecal Coliform Direct Measurement	WQA approved in 2005. The area represented by this listing is now (2010) smaller since a part of Battle Creek (an upstream portion) has been relisted (category 5) due to new data. See listing for MD-PAXMH-BATTLE_CREEK2.
MD-PAXMH-OH-02131101	PAXMH - Lower Patuxent River Mesohaline	CH, CV, PG, SM	Fishing	Chesapeake Bay segment	Mercury in Fish Tissue	
					Direct Measurement	
MD-PAXMH- GOLDEN_BEACH- COMMUNITY	PAXMH - Lower Patuxent River Mesohaline	SM	Water Contact Sports	Public Beach	Enterococcus	
					Direct Measurement	
MD-PAXMH- GOLDEN_BEACH- BOATRAMP	PAXMH - Lower Patuxent River Mesohaline	SM	Water Contact Sports	Public Beach	Enterococcus	
					Direct Measurement	
MD-PAXOH- PATUXENT_RIVER	PAXOH - Middle Patuxent River Oligohaline	PG, CV	Shellfishing	Tidal Shellfish Area	Fecal Coliform	
	-				Direct Measurement	
MD-PAXMH- ISLAND_CREEK	PAXMH - Lower Patuxent River Mesohaline	CV	Shellfishing	Tidal Shellfish Area	Fecal Coliform	TMDL approved in 2004. Newer data shows that
					Direct Measurement	shellfish bacteria water quality standards are being met.

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-PAXMH-OH-02131101	Lower Patuxent River	CH, CV, PG, SM	Aquatic Life and Wildlife	Tidal subsegment	Chlorpyrifos	This listing captures the previous chlorpyrifos listing
		T G, OW	Wilding		Direct Measurement	(and WQA) for watershed 02131101.
MD-PAXMH- BUZZARD_ISLAND_CREE K	PAXMH - Lower Patuxent River Mesohaline	CV	Shellfishing	Tidal Shellfish Area	Fecal Coliform	MDE began sampling station 09-01-023 in May 2004.
					Direct Measurement	
MD-PAXMH- INDIAN_CREEK	PAXMH - Lower Patuxent River Mesohaline	CH, SM	Shellfishing	Tidal Shellfish Area	Fecal Coliform	
					Direct Measurement	
MD-PAXTF-02131102	Patuxent River Middle	AA, CV, PG	Aquatic Life and Wildlife	Chesapeake Bay segment	Chlorpyrifos - water & sediments	This listing only applies to the Middle Patuxent River
					Direct Measurement	(02131102).
MD-02131104	Patuxent River upper	AA, HO, PG	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)	
					Dissolved Oxygen	
MD-02131104	Patuxent River upper	AA, HO, PG	Water Contact Sports	River Mainstem	Fecal Coliform	Rt. 214 to Rocky Gorge
			•		Direct Measurement	
MD-02131104	Patuxent River upper	AA, HO, PG	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nitrogen (Total)	
					Dissolved Oxygen	
MD-02131105	Little Patuxent River	AA, HO	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)	
					Dissolved Oxygen	
MD-021311050955- Lake_Kittamaqundi	Little Patuxent River	НО	Fishing	Impoundments	PCB in Fish Tissue	
					Direct Measurement	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Notes Indicator
MD-02131105	Little Patuxent River	AA, HO	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Cadmium
					Direct Measurement
MD-021311050955- Centennial_Lake	Little Patuxent River	НО	Fishing	Impoundments	Mercury in Fish Tissue
					Direct Measurement
MD-021311050953- Lake_Elkhorn	Little Patuxent River	НО	Fishing	Impoundments	Mercury in Fish Tissue
					Direct Measurement
MD-02131105-Wilde_Lake	Little Patuxent River	НО	Fishing	Impoundments	Mercury in Fish Tissue
					Direct Measurement
MD-021311050955- Centennial_Lake	Little Patuxent River	НО	Fishing	Impoundments	PCB in Fish Tissue
					Direct Measurement
MD-02131106	Middle Patuxent River	НО	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)
					Dissolved Oxygen
MD-02131106	Middle Patuxent River	НО	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown
					Fish and Benthic IBIs
MD-02131106	Middle Patuxent River	НО	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Zinc
. <u></u>					Direct Measurement
MD-02131106	Middle Patuxent River	НО	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nitrogen (Total)
					Dissolved Oxygen

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-021311080966- Triadelphia_Reservoir	Brighton Dam	MO, HO	Fishing	Impoundments	Mercury in Fish Tissue	
					Direct Measurement	
MD-02131108	Brighton Dam	FR, HO, MO	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	
MD-CB1TF	CB1TF - Northern Chesapeake Bay Tidal Fresh	CE, HA	Aquatic Life and Wildlife	Chesapeake Bay segment	Cause Unknown	
					Benthic IBI	
MD-CB1TF	CB1TF - Northern Chesapeake Bay Tidal Fresh	CE, HA	Seasonal Shallow- Water Submerged Aquatic Vegetation Subcategory	Chesapeake Bay segment	Total Suspended Solids (TSS)	SAV meets the restoration goal.
			0 7		SAV and Water Clarity	
MD-CB2OH	CB2OH - Northern Chesapeake Bay Oligohaline	BA, CE, HA, KE	Aquatic Life and Wildlife	Chesapeake Bay segment	Cause Unknown	
					Benthic IBI	
MD-POTMH- Tall_Timbers_Cove	Potomac River Lower tidal	SM	Shellfishing	Tidal Shellfish Area	Fecal Coliform	TMDL approved in 2005. Newer data shows that the
					Direct Measurement	shellfish bacteria water quality standards are being met.
MD-02140102	Potomac River Middle tidal	СН	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	
MD-POTOH-TF-02140102	Potomac River Middle Tidal	СН	Aquatic Life and Wildlife	Tidal subsegment	Chromium (total) Direct Measurement	WQA approved by EPA for Cadmium, Chromium, Copper, and Lead in the Middle
					Direct Measurement	Potomac (02140102).

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-POTOH-TF-02140102	Potomac River Middle Tidal	СН	Aquatic Life and Wildlife	Tidal subsegment	Copper	WQA approved by EPA for Cadmium, Chromium, Copper,
					Direct Measurement	and Lead in the Middle Potomac (02140102).
MD-POTOH-TF-02140102	Potomac River Middle Tidal	СН	Aquatic Life and Wildlife	Tidal subsegment	Lead	WQA approved by EPA for Cadmium, Chromium, Copper,
					Direct Measurement	and Lead in the Middle Potomac (02140102).
MD-POTOH-TF-02140102	Potomac River Middle Tidal	СН	Aquatic Life and Wildlife	Tidal subsegment	Cadmium	WQA approved by EPA for Cadmium, Chromium, Copper,
					Direct Measurement	and Lead in the Middle Potomac (02140102).
MD-POTTF	POTTF - Upper Potomac River Tidal Fresh	River Tidal Fresh PG Wa	Seasonal Shallow- Water Submerged Aquatic Vegetation	Water Submerged	Total Suspended Solids (TSS)	SAV meets the restoration goal. This listing supersedes the previous Sediment/TSS listings for watersheds
			- Cazcalogoly		SAV and Water Clarity	02140102, 02140201, 02140204, and 02140202.
MD-POTTF	POTTF - Upper Potomac River Tidal Fresh	CH, MO, PG	Aquatic Life and Wildlife	Chesapeake Bay segment	Cause Unknown	
					Benthic IBI	
MD-021401030718- ST_MARYS_LAKE	St. Mary's River	SM	Aquatic Life and Wildlife	Impoundments	Phosphorus (Total)	
					Dissolved Oxygen	
MD-POTMH-02140103	St. Mary's River	SM	Fishing	Tidal subsegment	PCB in Fish Tissue Direct Measurement	
MD-POTMH- CARTHEGENA_CREEK	POTMH - Lower Potomac River Mesohaline	SM	Shellfishing	Tidal Shellfish Area	Fecal Coliform	TMDL approved in 2005. Newer data shows that the shellfish bacteria standard is
	Mesohaline	Mesonaline			Direct Measurement	sneillish bacteria standard is being met.

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-02140104	Breton Bay	SM	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	
MD-POTMH- COMBS_CREEK	POTMH - Lower Potomac River Mesohaline	SM	Water Contact Sports	Tidal subsegment	Fecal Coliform Direct Measurement	Erroneous listing. The shellfish harvesting designated use does not apply in this area. Evaluation of the data for public health concerns indicated that the bacteria levels are well below the contact recreation criterion.
MD-02140105	St. Clements Bay	SM	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	
MD-POTMH- ST.CLEMENTS_BAY	POTMH - Lower Potomac River Mesohaline	SM	Shellfishing	Tidal Shellfish Area	Fecal Coliform	TMDL approved in 2005. Newer data shows that the shellfish bacteria standard is
					Direct Measurement	being met.
MD-POTMH- CANOE_NECK_CREEK	POTMH - Lower Potomac River Mesohaline	SM	Shellfishing	Tidal Shellfish Area	Fecal Coliform	TMDL approved in 2005. Newer data shows that the shellfish bacteria standard is
					Direct Measurement	being met.
MD-POTMH- ST.CLEMENTSHORES_C OMMUNITY_BEACH	POTMH - Lower Potomac River Mesohaline	SM	Water Contact Sports	Public Beach	Enterococcus	
					Direct Measurement	
MD-POTMH- ST.CLEMENTS_BAY2	POTMH - Lower Potomac River Mesohaline	SM	Water Contact Sports	Tidal subsegment	Fecal Coliform Direct Measurement	Erroneous listing. The shellfish harvesting designated use does not apply in this area. Evaluation of the data for public health concerns indicated that the bacteria levels are well below the contact recreation criterion.

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes	
MD-02140106	Wicomico River	CH, SM	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown		
			Wilding		Fish and Benthic IBIs		
MD-POTMH- WICOMICOSHORES_LUC KTONPT_BEACH	POTMH - Lower Potomac River Mesohaline	SM	Water Contact Sports	Public Beach	Enterococcus		
					Direct Measurement		
MD-02140107	Gilbert Swamp	CH, SM	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown		
					Fish and Benthic IBIs		
MD-02140108	Zekiah Swamp	PG, CH	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown		
					Fish and Benthic IBIs		
MD-POTMH-02140108	Zekiah Swamp	СН	Aquatic Life and Wildlife	Tidal subsegment	Selenium	A WQA was approved for Copper, Lead, Selenium, and	
					Direct Measurement	Zinc in the Zekiah Swamp portion of POTMH.	
MD-POTMH-02140108	Zekiah Swamp	СН	Aquatic Life and Wildlife	Tidal subsegment	Zinc	A WQA was approved for Copper, Lead, Selenium, and	
					Direct Measurement	Zinc in the Zekiah Swamp portion of POTMH.	
MD-POTMH-02140108	Zekiah Swamp	СН	Aquatic Life and Wildlife	Tidal subsegment	Lead	A WQA was approved for Copper, Lead, Selenium, and	
					Direct Measurement	Zinc in the Zekiah Swamp portion of POTMH.	
MD-POTMH-02140108	Zekiah Swamp	СН	Aquatic Life and Wildlife	Tidal subsegment	Copper	A WQA was approved for Copper, Lead, Selenium, and	
						Direct Measurement	Zinc in the Zekiah Swamp portion of POTMH.

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-02140110	Nanjemoy Creek	СН	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	
MD-MATTF	MATTF - Mattawoman Creek Tidal Fresh	СН	Seasonal Shallow- Water Submerged Aquatic Vegetation Subcategory	Chesapeake Bay segment	Total Suspended Solids (TSS)	SAV meets restoration goal. This listing supercedes the previous Cat. 5 Sediment/TSS listing for watershed 02140111.
					SAV and Water Clarity	•
MD-POTTF-02140201	Potomac River Upper tidal	PG, CH	Fishing	Tidal subsegment	Mercury in Fish Tissue	
					Direct Measurement	
MD-POTTF-02140201	Potomac River Upper tidal	PG, CH	Aquatic Life and Wildlife	Tidal subsegment	Copper	This listing only applies to the Potomac River Upper Tidal watershed (02140201).
					Direct Measurement	
MD-02140202	Potomac River Montgomery County	FR, MO	Fishing	Non-tidal 8-digit watershed	Mercury in Fish Tissue	
					Direct Measurement	
MD-02140202	Potomac River Montgomery County	FR, MO	Water Contact Sports	River Mainstem	Fecal Coliform	
	, ,		·		Direct Measurement	
MD-02140205- Lake_Artemesia	Anacostia River	PG	Fishing	Impoundments	PCB in Fish Tissue	
_					Direct Measurement	
MD-02140205- Lake_Artemesia	Anacostia River	PG	Fishing	Impoundments	Mercury in Fish Tissue	
					Direct Measurement	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Notes
					Indicator
MD-02140205	Anacostia River	MO, PG	Fishing	Non-tidal 8-digit watershed	Mercury in Fish Tissue
					Direct Measurement
MD-021402060838- Lake_Bernard_Frank	Rock Creek	МО	Aquatic Life and Wildlife	Impoundments	Phosphorus (Total)
					Dissolved Oxygen
MD-02140206	Rock Creek	МО	Fishing	Non-tidal 8-digit watershed	Mercury in Fish Tissue
					Direct Measurement
MD-021402060837- Lake_Needwood	Rock Creek	МО	Aquatic Life and Wildlife	Impoundments	Phosphorus (Total)
					Dissolved Oxygen
MD-02140207	Cabin John Creek	МО	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)
					Dissolved Oxygen
MD-02140208	Seneca Creek	МО	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)
					Dissolved Oxygen
MD-02140208- Little_Seneca_Lake	Seneca Creek	МО	Fishing	Impoundments	Mercury in Fish Tissue
					Direct Measurement
MD-02140208- Little_Seneca_Lake	Seneca Creek	МО	Aquatic Life and Wildlife	Impoundments	Phosphorus (Total)
					Dissolved Oxygen
MD-021402080857- Clopper_Lake	Seneca Creek	МО	Fishing	Impoundments	Mercury in Fish Tissue
					Direct Measurement

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-02140301	Potomac River Frederick County	FR, WA	Water Contact Sports	River Mainstem	Fecal Coliform	Shenandoah to Monocacy- Long term geometric mean 81
					Direct Measurement	and 68 MPN/ml
MD-02140302	Lower Monocacy River	CR, FR, MO	Fishing	Non-tidal 8-digit watershed	PCB in Fish Tissue	
					Direct Measurement	
MD-02140304	Double Pipe Creek	CR, FR	Fishing	Non-tidal 8-digit watershed	Mercury in Fish Tissue	
					Direct Measurement	
MD-02140501	Potomac River Washington County	WA	Fishing	Non-tidal 8-digit watershed	Mercury in Fish Tissue Direct Measurement	This listing has been updated to represent a new watershed-wide assessment. New data shows that this area is meeting the mercury contaminant threshold level.
MD-021405020192- Greenbrier_Lake	Antietam Creek	WA	Aquatic Life and Wildlife	Impoundments	Nitrogen (Total)	
					Dissolved Oxygen	
MD-02140502	Antietam Creek	WA	Fishing	Non-tidal 8-digit watershed	Mercury in Fish Tissue	
					Direct Measurement	
MD-02140502	Antietam Creek	WA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	BOD, nitrogenous	TMDL used as information to delist, BOD not currently
					Direct Measurement	causing impairment, any additional DO issues will be resolved with development of total phosphorus TMDL (Winter 2009)
MD-021405020192- Greenbrier_Lake	Antietam Creek	WA	Aquatic Life and Wildlife	Impoundments	Phosphorus (Total)	
					Dissolved Oxygen	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-02140502	Antietam Creek	WA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	BOD, carbonaceous Direct Measurement	TMDL used as information to delist, BOD not currently causing impairment, any additional DO issues will be resolved with development of total phosphorus TMDL
						(Winter 2009)
MD-02140504	Conococheague Creek	WA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	BOD, Biochemical oxygen demand	BOD TMDL accepted as information to delist original nutrient listing.
					Direct Measurement	nutrient listing.
MD-02140504	Conococheague Creek	WA	Fishing	Non-tidal 8-digit watershed	Mercury in Fish Tissue	
					Direct Measurement	
MD-02140510	Sideling Hill Creek	WA, AL	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	
MD-02140511	Fifteen Mile Creek	AL	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown	
					Fish and Benthic IBIs	
MD-02140512	Town Creek	AL	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Total Suspended Solids (TSS)	
					Fish and Benthic IBIs	
MD-02140512	Town Creek	AL	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)	
					Dissolved Oxygen	
MD-02140512	Town Creek	AL	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nitrogen (Total)	
					Dissolved Oxygen	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed	Notes
					Indicator	
MD-02141001	Lower North Branch Potomac River	AL	Fishing	Non-tidal 8-digit watershed	Mercury in Fish Tissue	
					Direct Measurement	
MD-02141001	Lower North Branch Potomac River	AL	Fishing	Non-tidal 8-digit watershed	PCB in Fish Tissue	
					Direct Measurement	
MD-02141001	Lower North Branch Potomac River	AL	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Cadmium	
					Direct Measurement	
MD-02141001	Lower North Branch Potomac River	AL	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	pH, Low	
					Direct Measurement	
MD-021410020107- Lake_Habeeb	Evitts Creek	AL	Fishing	Impoundments	Mercury in Fish Tissue	Concentration in largemouth bass are very low which
					Direct Measurement	indicates no Hg problem.
MD-02141002	Evitts Creek	AL	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)	
					Dissolved Oxygen	
MD-02141002	Evitts Creek	AL	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	pH, Low	
					Direct Measurement	
MD-02141003	Wills Creek	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)	
					Dissolved Oxygen	
MD-02141003	Wills Creek	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	pH, Low	
					Direct Measurement	
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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-02141003	Wills Creek	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Cyanide	
					Direct Measurement	
MD-021410030100	Wills Creek	AL, GA	Aquatic Life and Wildlife	Subwatershed	pH, Low	Added to list 2004-"Analysis of Aarons Run and Jennings Run
					Direct Measurement	Benthic Macroinvertebrates, Fishes and Physical Habitat, Morgan et al, December 2000
MD-02141004	Georges Creek	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)	TMDL for CBOD and NBOD accepted as information to
_					Dissolved Oxygen	delist for nutrients.
MD-02141004	Georges Creek	Georges Creek AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nitrogen (Total)	TMDL for CBOD and NBOD accepted as information to
					Dissolved Oxygen	delist for nutrients.
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nickel	
					Direct Measurement	
MD-02141005- JENNINGS_RANDOLPH_R ESERVOIR	Upper North Branch Potomac River	AL, GA	Fishing	Impoundments	Mercury in Fish Tissue	
					Direct Measurement	
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nitrogen (Total)	
					Dissolved Oxygen	
MD-02141005- JENNINGS_RANDOLPH_R ESERVOIR	Upper North Branch Potomac River	AL, GA	Fishing	Impoundments	PCB in Fish Tissue	The 2008 listing is an error. The 2001 data point is outside the 5 year window and the
					Direct Measurement	median value for the 5 data points from 2005 = 38.47.

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Notes Indicator
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Manganese
					Direct Measurement
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Selenium
					Direct Measurement
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Chromium, hexavalent
					Direct Measurement
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Chromium, trivalent
					Direct Measurement
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Arsenic
					Direct Measurement
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Cadmium
					Direct Measurement
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Copper
					Direct Measurement
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Silver
					Direct Measurement
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)
					Dissolved Oxygen

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Notes Indicator
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Zinc
					Direct Measurement
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Lead
					Direct Measurement
MD-02141005	Upper North Branch Potomac River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Aluminum
					Direct Measurement
MD-02141006	Savage River	GA	Fishing	Non-tidal 8-digit watershed	Mercury in Fish Tissue
					Direct Measurement
MD-02141006	Savage River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Total Suspended Solids (TSS)
					Fish and Benthic IBIs
MD-02141006	Savage River	AL, GA	Aquatic Life and Wildlife	1st thru 4th order streams	Cause Unknown
					Fish and Benthic IBIs
MD-02141006	Savage River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	pH, Low
					Direct Measurement
MD-02141006	Savage River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)
					Dissolved Oxygen
MD-021410060077- Savage_Reservoir	Savage River	GA	Fishing	Impoundments	PCB in Fish Tissue
					Direct Measurement

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Indicator	Notes
MD-02141006	Savage River	AL, GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nitrogen (Total)	
			· · · · · · · · · · · · · · · · · · ·		Dissolved Oxygen	
MD-02141006	Savage River	GA	Fishing	Non-tidal 8-digit watershed	PCB in Fish Tissue Direct Measurement	
MD-05020201- Youghiogheny_River_Lake	Youghiogheny River	GA	Fishing	Impoundments	PCB in Fish Tissue	
-					Direct Measurement	
MD-05020201	Youghiogheny River	GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)	
			···iaiio		Dissolved Oxygen	_
MD-05020201	Youghiogheny River	GA	Water Contact Sports	Non-tidal Segment(s)	Fecal Coliform	
			· 		Direct Measurement	
MD-05020201	Youghiogheny River	GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nitrogen (Total)	
					Dissolved Oxygen	
MD-050202020026- Broadford_Lake	Little Youghiogheny River	GA	Fishing	Impoundments	Mercury in Fish Tissue	
					Direct Measurement	
MD-05020203- Deep_Creek_Lake	Deep Creek Lake	GA	Fishing	Impoundments	PCB in Fish Tissue	
					Direct Measurement	
MD-05020203	Deep Creek Lake	GA	Water Contact Sports	River Mainstem	Fecal Coliform	above Deep Creek Lake
			ороно		Direct Measurement	

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Assessment Unit	Basin Name	County	Designated Use	Water Type Detail	Parameter Assessed Notes
					Indicator
MD-05020204	Casselman River	GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Nitrogen (Total)
					Dissolved Oxygen
MD-05020204	Casselman River	GA	Aquatic Life and Wildlife	Non-tidal 8-digit watershed	Phosphorus (Total)
					Dissolved Oxygen

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