

7.5 Part-6 of the 2002 Integrated 303(d) List – includes surface waters that have been de-listed or removed from the List of impaired surface waters

# Maryland's Integrated Assessment of Water Quality - Part 6 of the List (de-listed)

303(d) Listing Year	Basin Name	Basin Code	Subbasin Name	Attainment Status	Impairment Category	Source of Impairment	Priority	Notes	
		Waterbody Type		Subbasin Code	Impairing Substance			Data Source	Data Result
1996	CONEWAGO CREEK	020503		6	Nutrients	Point, Non- point, Natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de-listed because there were no data to support listing.	
		Non-tidal							
		020503			Nutrients			1996 305(b) report	
1996	LOWER SUSQUEHANNA RIVER	021202		6	Nutrients	Point, Non- point, Natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de-listed because there were no data to support listing.	
		Tidal							
		021202			Nutrients			1996 305(b) report	
1996	Lower Susquehanna River	02120201		6	Metals	Point, Non- point, Natural	High	Duplicate listing just showing a different priority.	
		Tidal							
		02120201			Cadmium			1996 305(b) report	
2002	Conowingo Dam Susquehanna River	02120204		6	Metals	Atmospheric deposition	High	Delisted: Geometric Mean of 107 ppb - Mercury in fish tissue samples does not exceed the impairment criteria of 230 ppb.	
		Impoundment							
		02120204			Methylmercury - fish tissue			Castro et al. 2001	Hg - Largemouth Bass (107; n = 14)
1996	POCOMOKE RIVER	021302		6	Nutrients	Point, Non- point, Natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de-listed because there were no data to support listing.	
		Tidal							
		021302			Nutrients			1996 305(b) report	
1996	NANTICOKE RIVER	021303		6	Nutrients	Point, Non- point, Natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de-listed because there were no data to support listing.	
		Tidal							
		021303			Nutrients			1996 305(b) report	

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2002	Wicomico River Headwaters	02130304 Impoundment		6	Metals	Atmospheric deposition	High	Delisted: Geometric mean of 160 ppb - Mercury in fish tissue samples does not exceed the impairment criteria of 230 ppb.
		02130304	JOHNSONS POND		Methylmercury - fish tissue			Castro et al. 2001 Hg - Largemouth Bass (160; n = 15)
1996	CHOPTANK RIVER	021304 Tidal		6	Nutrients		High	
		021304			Nutrients			1996 305(b) Report
1996	CHESTER RIVER	021305 Tidal		6	Nutrients	Point, Non- point, Natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de- listed because there were no data to support listing.
		021305			Nutrients			1996 305(b) report
1996	Langford Creek	02130506 Tidal		6	Nutrients	Non-point, Natural	Low	Water Quality Analysis, submitted 12/16/2002, demonstrated no water quality impairment for nutrients and was approved by EPA on 1/22/2003.
		02130506			Nutrients			1996 305(b) report
1996	ELK RIVER	021306 Tidal		6	Nutrients	Point, Non- point, Natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de- listed because there were no data to support listing.
		021306			Nutrients			1996 305(b) report
1996	Northeast River	02130608 Tidal		6	Metals	Non-point, Natural	High	Duplicate listing just showing a different priority.
		02130608			Lead			1996 305(b) report
1996	Northeast River	02130608 Tidal		6	Metals	Non-point, Natural	High	Duplicate listing just showing a different priority.
		02130608			Zinc			1996 305(b) report
1996	BUSH RIVER	021307 Tidal		6	Nutrients	Point, Non- point, Natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de- listed because there were no data to support listing.

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		021307			Nutrients				1996 305(b) report	
1996	<i>Aberdeen Proving Ground</i>	02130705 <i>Tidal</i>		6	<i>Toxics</i>	<i>Non-point, Natural</i>	<i>High</i>	<i>Duplicate listing just showing a different priority.</i>		
		02130705			Toxics				1996 305(b) report	
1996	<i>GUNPOWDER RIVER</i>	021308 <i>Tidal</i>		6	<i>Nutrients</i>	<i>Non-point, Natural</i>	<i>High</i>	<i>Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de-listed because there were no data to support listing.</i>		
		021308			Nutrients				1996 305(b) report	
1996	<i>Little Gunpowder Falls</i>	02130804 <i>Non-tidal</i>		6	<i>Metals</i>	<i>Point, Non- point, Natural</i>	<i>High</i>	<i>Water Quality Analysis, submitted 12/24/2002, demonstrated no water quality impairment for metals and was approved by EPA on 2/20/2003.</i>		
		02130804			Metals				1996 305(b) report	
1996	<i>Loch Raven Reservoir</i>	02130805 <i>Impoundment</i>		6	<i>Nutrients</i>	<i>Point, Non- point, Natural</i>	<i>High</i>	<i>Duplicate listing just showing a different priority.</i>		
		02130805			Nutrients				1996 305(b) report	
2002	<i>Loch Raven Reservoir</i>	02130805 <i>Impoundment</i>		6	<i>Toxics</i>	<i>Legacy</i>	<i>High</i>			
		02130805			PCBs - fish tissue				MDE 2000 & UMCES 2000	PCBs Channel Catfish 2/2 Composites (266); PCBs White Perch 2/2 Composites (253); Co- contaminated with dieldrin (Channel catfish only)
1998	<i>Middle River - Browns Creek</i>	02130807 <i>Tidal</i>		6	<i>Metals</i>	<i>Unknown</i>	<i>High</i>	<i>Erroneously listed - saltwater criteria used in 1998 instead of freshwater criteria.</i>		
		02130807	WILSON POINT		Nickel				1998 305(b) report	
1998	<i>Middle River - Browns Creek</i>	02130807 <i>Tidal</i>		6	<i>Metals</i>	<i>Unknown</i>	<i>High</i>	<i>Erroneously listed - saltwater criteria used in 1998 instead of freshwater criteria.</i>		
		02130807	WILSON POINT		Copper				1998 305(b) report	

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1996	PATAPSCO RIVER	021309 Tidal		6	Nutrients	Point, Non- point, Natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de-listed because there were no data to support listing.  1996 305(b) report
1996	Baltimore Harbor	02130903 Tidal		6	Metals	Chemicals (Erachem)	High	Duplicate listing just showing a different source. Chemicals currently known as Erachem.  1996 305(b) report
1996	Baltimore Harbor	02130903 Tidal		6	Metals	Chemicals Corp	High	Duplicate listing just showing a different source. Chemicals is currently known as Erachem.  1996 305(b) report Ambient Toxicity 1996
1996	Baltimore Harbor	02130903 Tidal		6	Nutrients	Point, Non- point, Natural	High	Duplicate listing just showing a different priority.  1996 305(b) report
1996	Jones Falls	02130904 Non-tidal		6	Metals	Non-point, Natural	Low	Water Quality Analysis, submitted 12/24/2002, demonstrated no water quality impairment for zinc and was approved by EPA on 2/20/2003.  1996 305(b) report
1996	Liberty Reservoir	02130907 Impoundment		6	Metals	Non-point, Natural	High	Duplicate listing just showing a different priority.  1996 305(b) report
1996	Liberty Reservoir	02130907 Impoundment		6	Metals	Non-point, Natural	High	Duplicate listing just showing a different priority.  1996 305(b) report
2002	South Branch Patapsco River	02130908 Impoundment		6	Metals	Atmospheric deposition	High	Delisted: Geometric mean of 147 ppb - Mercury in fish tissue samples does not exceed the impairment criteria of 230 ppb.

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		02130908	PINEY RUN RESERVOIR	021309081023	Methylmercury - fish tissue			Castro et al. 2001 Hg - Largemouth Bass (147; n = 14)
1996	WEST CHESAPEAKE BAY	021310 Tidal		6	Nutrients	Point, NPS, natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de- listed because there were no data to support listing.  1996 305(b) report
1996	PATUXENT RIVER	021311 Tidal		6	Nutrients	Point, Non- point, Natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de- listed because there were no data to support listing.  1996 305(b) report
1996	Little Patuxent River	02131105 Non-tidal		6	Metals	Non-point, Natural	High	Duplicate listing just showing a different priority.  1996 305(b) report
1996	Middle Patuxent River	02131106 Non-tidal		6	Metals	Non-point, Natural	High	Duplicate listing just showing a different priority.  1996 305(b) report
2002	Brighton Dam	02131108 Impoundment		6	Metals	Atmospheric deposition	High	Delisted: Geometric mean of 166 ppb - Mercury in fish tissue samples does not exceed the impairment criteria of 230 ppb.  Castro et al. 2001 Hg - Largemouth Bass (166; n = 14)
1996	LOWER POTOMAC RIVER	021401 Tidal		6	Nutrients	Point, Non- point, Natural	Medium	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de- listed because there were no data to support listing.  1996 305(b) report
1998	St. Mary's River	02140103 Impoundment		6	Nutrients	Non-point	Low	Water Quality Analysis, submited 12/20/2002, demonstrated no water quality impairment for nutrients and was approved by EPA on 2/27/2003.  2001 305(b) report Seasonal low DO < 5 mg/L  1998 305(b) report
		02140103	ST. MARY'S LAKE		Dissolved Oxygen			
		02140103	ST. MARY'S LAKE		Nutrients			

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1996	WASHINGTON METROPOLITA N	021402  Tidal		6	Nutrients	Point, NPS, natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de-listed because there were no data to support listing.	
		021402			Nutrients			1996 305(b) report	
1998	Rock Creek	02140206  Impoundment		6	Nutrients	Non-point	Low	Water Quality Analysis, submitted 12/16/2002, demonstrated no water quality impairment for nutrients and was approved by EPA on 1/22/2003.	
		02140206	LAKE BERNARD FRANK		Nutrients			1998 305(b) report	
1998	Rock Creek	02140206  Impoundment		6	Nutrients	Non-point	Low	Water Quality Analysis, submitted 12/20/2002, demonstrated no water quality impairment for nutrients and was approved by EPA on 1/22/2003.	
		02140206	LAKE NEEDWOOD		Nutrients			1998 305(b) report	
2002	Seneca Creek	02140208  Impoundment		6	Metals	Atmospheric deposition	High	Delisted: Geometric mean of 182 ppb - Mercury in fish tissue samples does not exceed the impairment criteria of 230 ppb.	
		02140208	CLOPPER LAKE		Methylmercury - fish tissue			Castro et al. 2001	Hg - Largemouth Bass (172; n = 15)
1996	MIDDLE POTOMAC RIVER	021403  Non-tidal		6	Nutrients	Point, Non- point, Natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de-listed because there were no data to support listing.	
		021403			Nutrients			1996 305(b) report	
1996	UPPER POTOMAC RIVER	021405  Non-tidal		6	Nutrients	Point, NPS, natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de-listed because there were no data to support listing.	
		021405			Nutrients			1996 305(b) report	
1996	Antietam Creek	02140502  Non-tidal		6	Dissolved Oxy	Point, Non- point, Natural	High	Water Quality Analysis for Biochemical Oxygen Demand approved by EPA on 9/16/2002	
		02140502			Dissolved oxygen			1996 305(b) report	

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1996	Antietam Creek	02140502 Non-tidal		6	Nutrients	Point, Non-point, Natural	High	Duplicate listing just showing a different priority.  1996 305(b) report
1996	Conococheague Creek	02140504 Non-tidal		6	Nutrients	Non-point, Natural	Low	De-listed as per May-October 1996-1999 MDE intensive survey data that showed no nutrient impairment. Approved by EPA on 2/02/01  MDE 1996-1999
1996	NORTH BRANCH POTOMAC	021410 Non-tidal		6	Nutrients	Point, Non-point, Natural	High	Tributary strategy basin listed without data and assumed impaired because main Bay is impaired. The mainstem Bay listings were retained, but this tributary was de-listed because there were no data to support listing.  1996 305(b) report
1996	Lower North Branch Potomac River	02141001 Non-tidal		6	Metals	Non-point, Natural	High	Duplicate listing just showing a different priority.  1996 305(b) report
1996	Wills Creek	02141003 Non-tidal		6	Toxics	Non-point, Natural	High	Duplicate listing just showing a different priority.  1996 305(b) report
1996	Georges Creek	02141004 Non-tidal		6	Nutrients	Point, Non-point, Natural	Low	De-listed as per March-October 1999 MDE intensive survey data that showed no nutrient impairment. Approved by EPA on 2/06/02  MDE 1999
1996	Savage River	02141006 Non-tidal		6	Nutrients	Point, Non-point, Natural	Low	De-listed as per May-July 1997 MDE intensive survey data that showed no nutrient impairment. Approved by EPA on 4/16/01  MDE 1997
1996	Youghiogheny River	05020201 Non-tidal		6	Nutrients	Point, NPS, natural	Low	De-listed as per September-August 1997-1998 MDE intensive survey data that showed no nutrient impairment. Approved by EPA on 4/16/01  MDE 1997-1998

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1996	Casselman River	05020204 Non-tidal		6		Nutrients		Point, Non- point, Natural	Low	De-listed as per March-September 1998 MDE intensive survey data that showed no nutrient impairment.		
		05020204				Nutrients					MDE 1998	
		05020204				Dissolved Oxygen					CORE	Nutrient-driven, seasonal low DO < 5 mg/L