

**F.5 Category 4b Waters**

## Maryland's Combined 2020-2022 Final Integrated Report- Category 4b Waters

Assessment Unit ID	Assessment Unit Name	Location Description	Water Type	Designated Use	Designated Use Attainment	Parameter Name	Cycle First Listed	Parameter Attainment	Parameter Status	EPA Category	MDE Category	Comment
MD-02141004-MAINSTEM	Georges Creek	Non-tidal Segment(s)	RIVER	Aquatic Life and Wildlife	Not Supporting	PH, LOW	2008	Not meeting criteria	Cause	4B	4b	Applies to segment below McDonald Mine near Barton, MD. Doser upgrade planned in 2008. The Biostressor analysis indicates that low pH is a major stressor affecting biological integrity in this watershed. This listing replaces the biological listing.
MD-PATMH-SparrowsPoint-001	Discharge outfall 001 from Steel Plant	Point source discharge	ESTUARY	Aquatic Life and Wildlife	Not Supporting	COPPER	1996	Not meeting criteria	Cause	4B	4b	This listing was split in 2014 to account for the different discharge outfalls from the former Bethlehem Steel Mill (ICS Listing). Listing now represents water quality only at outfall 001 at Bethlehem Steel. More investigation needed.
MD-PATMH-SparrowsPoint-001	Discharge outfall 001 from Steel Plant	Point source discharge	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CYANIDE	1996	Not meeting criteria	Cause	4B	4b	This listing was split in 2014 to account for the different discharge outfalls from the former Bethlehem Steel Mill (ICS Listing). Listing now represents water quality only at outfall 001 at Bethlehem Steel. More investigation needed.
MD-PATMH-SparrowsPoint-014	Discharge outfall 014 from Steel Plant	Point source discharge	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CYANIDE	1996	Not meeting criteria	Cause	4B	4b	This listing was created in 2014 from the split of the original 4b cyanide (ICS) listing for Bethlehem Steel. Listing now represents water quality at outfall 014 at Bethlehem Steel. More investigation needed.

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MD-PATMH-SparrowsPoint-021	Discharge outfall 021 from Steel Plant	Point source discharge	ESTUARY	Aquatic Life and Wildlife	Not Supporting	CYANIDE	1996	Not meeting criteria	Cause	4B	4b	This listing was created in 2014 from the split of the original 4b cyanide (ICS) listing for Bethlehem Steel. Listing now represents water quality at outfall 021 at Bethlehem Steel. More investigation needed.
MD-PAXMH-INDIAN_CREEK	INDIAN CREEK	Tidal Shellfish Area	ESTUARY	Aquatic Life and Wildlife	Not Supporting	OIL SPILL - PAHS	2002	Not meeting criteria	Cause	4B	4b	Listing for Indian Creek split out from previous MD-PAXMH-Oil_Spill1 assessment unit. Impairment due to the April 7th, 2000 PEPCO oil spill. Only segments which have not met Phase I or Phase II clean-up status are considered impaired.
MD-PAXMH-Persimmon_Creek	Persimmon Creek Monitoring Segment W9	Littoral Zone	ESTUARY	Aquatic Life and Wildlife	Not Supporting	OIL SPILL - PAHS	2002	Not meeting criteria	Cause	4B	4b	Listing for Persimmon Creek split out from previous MD-PAXMH-Oil_Spill1 assessment unit. Impairment due to the April 7th, 2000 PEPCO oil spill. Only segments which have not met Phase I or Phase II clean-up status are considered impaired.
MD-PAXMH-Ramsey_Creek	Ramsey Creek Segment E2	Littoral Zone	ESTUARY	Aquatic Life and Wildlife	Not Supporting	OIL SPILL - PAHS	2002	Not meeting criteria	Cause	4B	4b	Spatial scale corrected to show Ramsey Creek area. Listed due to the April 7th, 2000 PEPCO oil spill. Only segments which have not met Phase I or Phase II clean-up status are considered impaired.
MD-PAXMH-Swanson_Creek	Swanson Creek Monitoring Segments W1 and W2	Littoral Zone	ESTUARY	Aquatic Life and Wildlife	Not Supporting	OIL SPILL - PAHS	2002	Not meeting criteria	Cause	4B	4b	Listing for Swanson Creek split out from previous MD-PAXMH-Oil_Spill1 assessment unit. Impairment due to the April 7th, 2000 PEPCO oil spill. Only segments which have not met

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MD-PAXMH-TRENT_HALL_CREEK	Trent Hall Creek	Tidal Shellfish Area	ESTUARY	Aquatic Life and Wildlife	Not Supporting	OIL SPILL - PAHS	2002	Not meeting criteria	Cause	4B	4b	Listing for Trent Hall Creek split out from previous MD-PAXMH-Oil_Spill1 assessment unit. Impairment due to the April 7th, 2000 PEPCO oil spill. Only segments which have not met Phase I or Phase II clean-up status are considered impaired.