
Low Dissolved Oxygen

Less than 5.0 ppm

All data between 4/1/2023 and 5/31/2023

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?

Little Assawoman Bay

Jefferson Creek

SB01: Anchorage Canal @ Rt 1

4/18/2023	7:38	4.1	53%	Surfc	None	Minor
5/2/2023	7:50	4.0	47%	Surfc	None	None

SB04: Petherton canal at Rt1

4/18/2023	7:44	4.2	54%	Surfc	Major	Minor
5/2/2023	7:45	3.7	43%	Surfc	Minor	Minor

SB09: Carlisle canal

5/16/2023	7:00	4.3	57%	Surfc	Minor	Major
5/23/2023	7:03	3.4	45%	Surfc	Major	Major

SB10E: Russell Canal east dead end

4/11/2023	8:15	4.0	46%	Surfc	None	None
4/18/2023	8:22	2.3	29%	Surfc	None	None
5/2/2023	8:18	4.0	45%	Surfc	Minor	Minor
5/23/2023	8:12	3.2	42%	Surfc	None	None

SB10W: Russell Canal west dead end

4/18/2023	8:47	4.4	57%	Surfc	None	Minor
5/9/2023	8:39	4.4	56%	Surfc	Minor	Minor
5/23/2023	8:27	3.8	50%	Surfc	Minor	None

The state instantaneous standard for Dissolved Oxygen is: the minimum shall not fall below 4.0 ppm.

Aquatic vegetation comments: "None" - none seen; "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10' wide.

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