

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 5/16/2024 and 5/31/2024

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?
Broadkill River								
		<u>Broadkill River</u>						
		BR01: Broadkill river @ PEL dock						
			5/29/2024	9:55	4.5	58%	Surfc	None None
Indian River								
		<u>Indian River</u>						
		IR07: Holt's Landing State Park						
			5/26/2024	8:50	4.6	60%	Surfc	None None
Little Assawoman Bay								
		<u>Jefferson Creek</u>						
		SB01: Anchorage Canal @ Rt 1						
			5/28/2024	8:02	3.1	43%	Surfc	Minor Minor
		SB02: Anchorage Canal near elbow						
			5/21/2024	8:07	4.8	60%	Surfc	None None
			5/28/2024	8:15	4.7	64%	Surfc	None None
		SB04: Petherton canal at Rt1						
			5/28/2024	7:55	4.0	54%	Surfc	Minor Minor
		SB05: Petherton canal, between lots 156 and 162						
			5/28/2024	7:35	4.5	60%	Surfc	None None
		SB06: Brandywine Canal						
			5/28/2024	7:50	3.9	53%	Surfc	Minor Minor
		SB09: Carlisle canal						
			5/21/2024	6:56	4.5	57%	Surfc	Major None
			5/28/2024	7:15	3.8	50%	Surfc	None None
		SB10E: Russell Canal east dead end						
			5/28/2024	8:20	3.9	53%	Surfc	None None
		SB10W: Russell Canal west dead end						
			5/28/2024	8:40	2.9	39%	Surfc	Minor Minor
Rehoboth Beach								
		<u>Lake Comegys</u>						
		RL03: Lake Comegys, dock at Lake Comegys Community						
			5/29/2024	8:15	3.8	45%	Surfc	None 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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