

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/17/2023 and 6/30/2023

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?
Broadkill River									
		<u>Broadkill River</u>							
		BR20: Broadkill River at Milton tidal pond							
		6/28/2023	6:30	4.0	48%	Surfc	None	None	
Indian River									
		<u>Indian River</u>							
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
		6/20/2023	7:55	4.8	65%	Surfc	Minor	Minor	
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
		6/20/2023	8:00	4.1	43%	Surfc	None	None	
		<u>Vines Creek</u>							
		IR38: Vines Lane							
		6/20/2023	8:00	4.3	57%	Surfc	None	None	
Little Assawoman Bay									
		<u>Dirickson Creek</u>							
		LA09: Dirickson Creek at Road 381 bridge							
		6/20/2023	8:50	3.4	46%	Surfc	None	None	
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
		6/20/2023	7:31	3.9	56%	Surfc	Major	None	
		6/27/2023	7:30	1.4	20%	Surfc	Minor	Minor	
		SB04: Petherton canal at Rt1							
		6/20/2023	7:37	3.8	55%	Surfc	None	None	
		6/27/2023	7:25	3.7	52%	Surfc	None	None	
		SB05: Petherton canal, between lots 156 and 162							
		6/27/2023	7:38	4.9	68%	Surfc	None	None	
		SB09: Carlisle canal							
		6/20/2023	7:03	0.1	2%	Surfc	None	None	
		6/27/2023	6:59	3.0	42%	Surfc	None	None	
		SB12: Jefferson Canal West side @ tidal gauge							
		6/27/2023	8:05	4.9	69%	Surfc	None	None	
Rehoboth Bay									
		<u>Guinea Creek</u>							
		RB06: Guinea Creek (Winding Creek Village)							
		6/22/2023	8:03	4.2	52%	Surfc	None	None	
		RB06A: Guinea Creek @ Rd 298 Bridge							
		6/22/2023	8:22	2.9	33%	Surfc	None	None	
		<u>Rehoboth Bay</u>							
		RB07: West Bay Park							
		6/20/2023	8:35	3.7	52%	Surfc	None	None	
		6/27/2023	8:30	4.6	66%	Surfc	None	None	
Rehoboth Beach									
		<u>Lake Gerar</u>							
		RL10: Lake Gerar bridge							
		6/28/2023	8:12	4.3	53%	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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