

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/1/2023 and 6/16/2023

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?
Assawoman Bay									
		<u>Assawoman Bay</u>							
		AB01: Bayside Point Pier							
		6/10/2023	8:00	4.8	63%	Surfc	None	None	
Broadkill River									
		<u>Broadkill River</u>							
		BR01: Broadkill river @ PEL dock							
		6/7/2023	8:46	4.4	56%	Surfc	None	None	
		BR20: Broadkill River at Milton tidal pond							
		6/14/2023	6:30	4.7	54%	Surfc	None	None	
Indian River									
		<u>Vines Creek</u>							
		IR38: Vines Lane							
		6/6/2023	8:00	4.3	53%	Surfc	None	None	
Little Assawoman Bay									
		<u>Assawoman Canal</u>							
		LA10: Assawoman Canal S end, Kent Ave Bridge							
		6/14/2023	8:45	3.6	48%	Surfc	None	None	
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
		6/13/2023	7:30	4.1	56%	Surfc	Major	None	
		SB04: Petherton canal at Rt1							
		6/13/2023	7:36	3.8	52%	Surfc	None	None	
		SB06: Brandywine Canal							
		6/13/2023	7:40	3.1	42%	Surfc	None	None	
		SB09: Carlisle canal							
		6/6/2023	7:04	3.7	49%	Surfc	None	Minor	
		SB10E: Russell Canal east dead end							
		6/6/2023	8:30	3.8	51%	Surfc	None	None	
		6/13/2023	8:07	3.4	46%	Surfc	None	None	
		SB10W: Russell Canal west dead end							
		6/6/2023	8:49	3.7	48%	Surfc	Minor	Minor	
Rehoboth Bay									
		<u>Guinea Creek</u>							
		RB06A: Guinea Creek @ Rd 298 Bridge							
		6/5/2023	8:20	4.7	53%	Surfc	None	None	
Rehoboth Beach									
		<u>Lake Gerar</u>							
		RL11: Lake Gerar, outlet to ocean							
		6/14/2023	9:45	4.3	51%	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.

University of Delaware Citizen Monitoring Program