

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/15/2021 and 8/28/2021

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							
			8/19/2021	8:05	4.5	69%	Surfc	Minor	None
			8/26/2021	7:35	3.3	50%	Surfc	Minor	None
Broadkill River									
		<u>Canary Creek</u>							
		BR19: Canary Creek at New Road							
			8/25/2021	9:55	2.6	36%	Surfc	None	None
Indian River									
		<u>Indian River</u>							
		IR11: Pot Nets Seaside Pier							
			8/23/2021	10:40	4.9	70%	Surfc	Minor	Minor
		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							
			8/23/2021	7:55	4.0	57%	Surfc	None	None
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
			8/24/2021	8:44	2.5	34%	Surfc	Minor	Minor
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
			8/17/2021	8:00	4.8	66%	Surfc	None	None
			8/24/2021	8:00	4.8	67%	Surfc	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			8/17/2021	9:00	3.1	44%	Surfc	None	None
			8/24/2021	8:30	3.1	44%	Surfc	None	None
Little Assawoman Bay									
		<u>Assawoman Canal</u>							
		LA10: Assawoman Canal S end, Kent Ave Bridge							
			8/16/2021	9:00	3.3	49%	Surfc	None	None
		<u>Dirickson Creek</u>							
		LA03: Mulberry Landing							
			8/23/2021	9:13	4.8	65%	Surfc	None	None
		LA09: Dirickson Creek at Road 381 bridge.							
			8/23/2021	8:45	2.0	26%	Surfc	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			8/17/2021	7:15	2.0	29%	Surfc	None	None
			8/24/2021	7:38	0.1	1%	Surfc	None	None
		SB02: Anchorage Canal near elbow							
			8/17/2021	7:42	5.0	74%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			8/17/2021	7:18	1.0	16%	Surfc	None	None
		SB06: Brandywine Canal							
			8/17/2021	7:25	1.1	16%	Surfc	None	None
		SB07: Layton Canal, South Bethany							
			8/17/2021	7:10	4.2	62%	Surfc	None	None
		SB09: Carlisle canal							

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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Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?
Little Assawoman Bay									
<u>Jefferson Creek</u>									
		SB09: Carlisle canal							
		8/17/2021	6:57	1.7	25%	Surfc	None	None	
		8/24/2021	7:00	3.0	44%	Surfc	None	None	
		SB10E: Russell Canal east dead end							
		8/17/2021	7:47	4.1	60%	Surfc	None	None	
		8/24/2021	8:03	2.3	33%	Surfc	None	None	
		SB10W: Russell Canal west dead end							
		8/17/2021	7:58	2.5	37%	Surfc	None	None	
		SB12: Jefferson Canal West side @ tidal gauge							
		8/17/2021	7:53	4.6	69%	Surfc	None	None	
		8/24/2021	8:13	4.5	65%	Surfc	None	None	
		SB13: South end of York Canal							
		8/17/2021	7:03	3.7	55%	Surfc	None	None	
<u>Little Assawoman Bay</u>									
		LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.							
		8/23/2021	7:52	4.1	57%	Surfc	None	None	
		LA46: Fenwick Island Tide Gauge							
		8/17/2021	7:30	3.1	45%	Surfc	None	None	
		8/24/2021	7:30	2.8	41%	Surfc	None	None	
		LA48: W. Georgetown St. Canal - Fenwick							
		8/24/2021	9:20	3.5	51%	Surfc	None	None	
		RWPMXIV: Fenwick, Coastal Kayak Boat Rental							
		8/16/2021	8:32	4.7	69%	Surfc	None	None	
Nanticoke River									
<u>Clear Brook</u>									
		PWIL: Williams Pond at spillway in Seaford							
		8/18/2021	11:45	4.8	61%	Surfc	None	None	
Rehoboth Bay									
<u>Bald Eagle Creek</u>									
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
		8/23/2021	8:32	0.1	1%	Surfc	None	None	
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)							
		8/23/2021	7:30	3.5	45%	Surfc	None	None	
		RB06A: Guinea Creek @ Rd 298 Bridge							
		8/23/2021	7:47	3.3	39%	Surfc	None	None	
<u>Lewes - Rehoboth Canal</u>									
		RB08: Lewes City Dock							
		8/18/2021	10:10	3.8	54%	Surfc	None	None	
<u>Lewes-Rehoboth Canal</u>									
		RB08A: Lewes Canal Front Park - Kayak Launch							
		8/18/2021	10:05	4.1	59%	Surfc	None	None	
		RB95: Lewes-Rehob Canal at Freeman Hwy Bridge, south bank							
		8/18/2021	10:20	3.2	46%	Surfc	None	None	
		RB96: Lewes Rehob Canal at Anglers Marina Boat ramp							
		8/18/2021	10:31	3.9	56%	Surfc	None	None	
Rehoboth Beach									
<u>Lake Gerar</u>									
		RL10: Lake Gerar bridge							
		8/17/2021	11:00	4.8	61%	Surfc	None	None	

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