

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/17/2023 and 8/31/2023

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?
<b>Assawoman Bay</b>									
		<u>Assawoman Bay</u>							
		AB01: Bayside Point Pier							
			8/18/2023	7:30	4.2	61%	Surfc	Minor	None
<b>Broadkill River</b>									
		<u>Broadkill River</u>							
		BR01: Broadkill river @ PEL dock							
			8/23/2023	8:50	4.4	61%	Surfc	None	None
<b>Indian River</b>									
		<u>Indian River</u>							
		IR02A: Rosedale crabbing pier							
			8/22/2023	9:50	3.6	52%	Surfc	None	None
		IR24: Iron Branch - County road 331 at bridge							
			8/21/2023	9:26	1.7	22%	1.0 m	None	None
		<u>Vines Creek</u>							
		IR38: Vines Lane							
			8/22/2023	8:30	3.8	53%	Surfc	None	None
<b>Little Assawoman Bay</b>									
		<u>Dirickson Creek</u>							
		LA03: Mulberry Landing							
			8/21/2023	8:35	3.0	42%	1.0 m	None	None
		LA09: Dirickson Creek at Road 381 bridge							
			8/21/2023	8:43	3.0	39%	Surfc	None	None
			8/21/2023	8:45	2.3	31%	1.0 m	None	None
			8/21/2023	8:47	2.5	34%	2.0 m	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			8/22/2023	7:29	0.2	2%	Surfc	None	None
			8/29/2023	7:38	0.2	2%	Surfc	None	None
		SB02: Anchorage Canal near elbow							
			8/22/2023	7:58	2.9	41%	Surfc	None	None
			8/29/2023	7:57	2.4	34%	Surfc	None	None
		SB04: Petherton canal at Rt1							
			8/22/2023	7:34	0.9	13%	Surfc	None	None
			8/29/2023	7:33	0.2	2%	Surfc	None	None
		SB05: Petherton canal, between lots 156 and 162							
			8/22/2023	7:48	3.2	46%	Surfc	None	None
			8/29/2023	7:47	2.5	35%	Surfc	None	None
		SB06: Brandywine Canal							
			8/22/2023	7:39	1.6	22%	Surfc	None	None
			8/29/2023	7:27	0.1	2%	Surfc	None	None
		SB07: Layton Canal, South Bethany							
			8/22/2023	7:20	4.7	66%	Surfc	None	None
			8/29/2023	7:15	3.2	46%	Surfc	None	None
		SB09: Carlisle canal							
			8/22/2023	7:10	0.6	8%	Surfc	None	None
			8/29/2023	7:02	0.2	3%	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**

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?
<b>Little Assawoman Bay</b>									
		<u>Jefferson Creek</u>							
		SB10E: Russell Canal east dead end							
			8/22/2023	8:06	0.1	2%	Surfc	None	None
			8/29/2023	8:05	0.1	2%	Surfc	None	None
		SB10W: Russell Canal west dead end							
			8/22/2023	8:20	0.8	11%	Surfc	None	None
			8/29/2023	8:23	0.3	4%	Surfc	None	None
		SB12: Jefferson Canal West side @ tidal gauge							
			8/29/2023	8:15	3.0	43%	Surfc	None	None
		SB13: South end of York Canal							
			8/29/2023	7:15	3.1	44%	Surfc	None	None
		<u>Little Assawoman Bay</u>							
		LA46: Fenwick Island Tide Gauge							
			8/22/2023	8:43	4.4	63%	Surfc	None	None
		LA48: W. Georgetown St. Canal - Fenwick							
			8/22/2023	8:33	3.9	54%	Surfc	None	None
<b>Rehoboth Bay</b>									
		<u>Bald Eagle Creek</u>							
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
			8/21/2023	9:22	3.4	50%	Surfc	None	None
		<u>Lewes-Rehoboth Canal</u>							
		RB08A: Lewes Canal Front Park - Kayak Launch							
			8/23/2023	10:55	4.7	66%	Surfc	None	None
		<u>Rehoboth Bay</u>							
		RB07: West Bay Park							
			8/21/2023	8:30	3.8	54%	Surfc	None	None
			8/22/2023	8:30	4.9	72%	Surfc	None	None
<b>Rehoboth Beach</b>									
		<u>Lake Comegys</u>							
		RL03: Lake Comegys, dock at Lake Comegys Community							
			8/23/2023	7:45	3.5		Surfc	None	None
			8/30/2023	7:46	3.4	42%	Surfc	None	None
		<u>Lake Gerar</u>							
		RL10: Lake Gerar bridge							
			8/23/2023	8:30	3.8	46%	Surfc	None	None
			8/30/2023	8:44	3.2	39%	Surfc	None	None
		RL11: Lake Gerar, outlet to ocean							
			8/23/2023	8:30	4.5	54%	Surfc	None	None
			8/30/2023	8:52	3.5	44%	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**