

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/22/2018 and 7/5/2018

University of Delaware Citizen Monitoring Program

Water Body	Tributary Site	Date	Time	Dissolved Oxygen		Aquatic	
				ppm	% Saturation	Depth	On Shore?

Assawoman Bay

Assawoman Bay

AB01: Bayside Point Pier

6/24/2018	7:45	4.8	64%	Surfc	None	None
6/30/2018	8:12	3.7	52%	Surfc	None	None

Broadkill River

Canary Creek

BR19: Canary Creek at New Road

6/24/2018	8:15	2.1	28%	Surfc	None	None
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Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

6/27/2018	10:17	1.2	16%	Surfc	None	None
6/30/2018	8:50	2.2	28%	Surfc	None	None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina

6/28/2018	9:00	4.2	58%	Surfc	None	None
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Indian River

IR03: Oak Orchard

6/27/2018	7:30	4.8	61%	Surfc	None	None
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Scattered crab kills, mostly juveniles, observed periodically at low tide

IR26: Possum Point

7/2/2018	13:10	4.9	72%	Surfc	None	None
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Salt Pond

IR73: Western edge of Salt Pond

6/24/2018	7:45	4.1	55%	Surfc	None	None
7/1/2018	7:40	4.1	59%	Surfc	Minor	None

Vines Creek

IR38: Vines Lane

7/2/2018	8:30	4.5	63%	Surfc	None	None
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek

7/2/2018	8:40	3.0	44%	Surfc	None	None
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Little Assawoman Bay

Dirickson Creek

LA03: Mulberry Landing

6/25/2018	7:40	3.9	52%	Surfc	None	None
7/3/2018	7:09	3.8	55%	Surfc	None	None

LA09: Dirickson Creek at Road 381 bridge.

6/25/2018	6:48	4.8	61%	Surfc	None	None
7/3/2018	7:56	3.4	45%	Surfc	None	None

LA29: Upper Dirickson Creek @ Rt20

7/3/2018	6:33	4.6	56%	Surfc	None	None
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1

6/26/2018	7:54	0.2	3%	Surfc	None	None
7/3/2018	7:42	3.3	46%	Surfc	None	None

SB04: Petherton canal/rt1

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		
					ppm	% Saturation	Depth	On Shore?	In Water?
Little Assawoman Bay									
<u>Jefferson Creek</u>									
		SB04: Petherton canal/rt1	6/26/2018	7:41	3.0	41%	Surfc	Minor	None
			7/3/2018	7:40	3.8	53%	Surfc	Minor	None
		SB06: Brandywine Canal	7/3/2018	7:35	3.7	53%	Surfc	None	None
		SB09: Carlisle canal	7/3/2018	7:08	1.9	27%	Surfc	None	None
		SB10E: Russell Canal east dead end	6/26/2018	8:14	3.4	45%	Surfc	None	None
		SB10W: Russell Canal west dead end	6/26/2018	8:37	4.6	62%	Surfc	Minor	None
			7/3/2018	8:09	4.9	72%	Surfc	Minor	None
<u>Little Assawoman Bay</u>									
		LA46: Fenwick Island Tide Gauge	7/3/2018	7:50	4.5	61%	Surfc	None	None
		LA48: W. Georgetown St. Canal - Fenwick	6/26/2018	8:22	4.8	63%	Surfc	None	None
Rehoboth Bay									
<u>Bald Eagle Creek</u>									
		RB64: Torquay Canal, west side of Land's End near UD Site #1	6/25/2018	8:05	1.6	23%	Surfc	None	None
			7/2/2018	9:12	2.7	41%	Surfc	None	None
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)	6/25/2018	7:45	4.6	61%	Surfc	None	None
		RB06A: Guinea Creek @ Rd 298 Bridge	6/25/2018	8:03	4.8	56%	Surfc	None	None
<u>Herring Creek</u>									
		RB90: Burton Prong	6/25/2018	9:15	4.8	65%	Surfc	None	None
Rehoboth Beach									
<u>Silver Lake</u>									
		RL01: Silver Lake, Lake Drive Bridge	7/5/2018	6:50	4.2	56%	Surfc	None	None
		RL04: Silver Lake, outlet to ocean	7/5/2018	6:40	4.1	55%	Surfc	None	None

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