

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/6/2018 and 7/19/2018

University of Delaware Citizen Monitoring Program

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

Broadkill River

Canary Creek

BR40: Canary Creek at Pilottown Rd	7/17/2018	6:31	3.0	43%	Surfc	None	None
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Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond	7/11/2018	8:40	2.3	30%	Surfc	None	None
	7/11/2018	10:20	2.8	36%	Surfc	None	None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina	7/6/2018	7:30	2.5	37%	Surfc	None	None
	7/13/2018	7:25	4.2	60%	Surfc	None	None

Indian River

IR03: Oak Orchard	7/6/2018	8:05	3.2	47%	Surfc	None	None	
	7/10/2018	8:00	4.5	64%	Surfc	None	None	
IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive	7/16/2018	7:55	4.9	69%	Surfc	None	Minor	
Scattered crab kills, mostly juveniles, observed periodically at low tide	IR24: Iron Branch - County road 331 at bridge	7/18/2018	8:26	3.5	42%	Surfc	None	None
	IR26: Possum Point	7/18/2018	8:50	4.8	61%	Surfc	None	None

Vines Creek

IR38: Vines Lane	7/17/2018	7:45	3.5	48%	Surfc	None	None
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	7/16/2018	8:27	2.2	32%	Surfc	None	None
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Little Assawoman Bay

Dirickson Creek

LA03: Mulberry Landing	7/16/2018	6:53	4.6	63%	Surfc	None	None
LA06: Swan Cove-pier	7/16/2018	8:21	3.3	44%	Surfc	None	None

Jefferson Creek

SB01: Anchorage Canal @ Rt 1	7/10/2018	7:45	3.0	41%	Surfc	None	None
	7/17/2018	7:30	0.3	5%	Surfc	None	None
SB02: Anchorage Canal near elbow	7/17/2018	7:25	4.6	67%	Surfc	None	None
SB04: Petherton canal/rt1	7/17/2018	7:45	1.8	26%	Surfc	None	None
SB05: Petherton canal, between lots 156 and 162	7/17/2018	7:40	4.5	65%	Surfc	None	None
SB06: Brandywine Canal	7/17/2018	7:50	2.8	40%	Surfc	None	None
SB07: Layton Canal, South Bethany							

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 ppm	% Saturation	Depth	Aquatic On Shore?	In Water?
Little Assawoman Bay									
<u>Jefferson Creek</u>									
		SB07: Layton Canal, South Bethany	7/17/2018	7:55	4.8	69%	Surfc	None	None
		SB09: Carlisle canal	7/10/2018	7:05	0.1	1%	Surfc	None	None
			7/17/2018	8:00	2.9	41%	Surfc	None	None
		SB10E: Russell Canal east dead end	7/10/2018	7:35	4.4	60%	Surfc	None	None
			7/17/2018	7:15	3.9	57%	Surfc	None	None
		SB10W: Russell Canal west dead end	7/10/2018	7:30	4.3	59%	Surfc	Minor	Minor
		SB12: Jefferson Canal West side @ tidal gage	7/17/2018	7:05	4.3	60%	Surfc	None	None
<u>Little Assawoman Bay</u>									
		LA46: Fenwick Island Tide Gauge	7/10/2018	8:00	4.3	57%	Surfc	None	None
			7/17/2018	7:45	4.2	62%	Surfc	None	None
		LA48: W. Georgetown St. Canal - Fenwick	7/17/2018	8:12	3.9	55%	Surfc	None	None
Rehoboth Bay									
<u>Bald Eagle Creek</u>									
		RB64: Torquay Canal, west side of Land's End near UD Site #1	7/9/2018	8:09	3.3	47%	Surfc	None	None
			7/16/2018	9:02	1.3	20%	Surfc	None	None
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)	7/10/2018	9:00	4.1	55%	Surfc	None	None
Rehoboth Beach									
<u>Lake Gerar</u>									
		RL10: Lake Gerar bridge	7/18/2018	6:00	4.4	57%	Surfc	None	None
		RL11: Lake Gerar, outlet to ocean	7/11/2018	6:10	0.1	1%	Surfc	None	None
			7/18/2018	6:05	4.1	52%	Surfc	None	None

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