

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/1/2018 and 6/21/2018

University of Delaware Citizen Monitoring Program

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

Broadkill River

Broadkill River

BR01: Broadkill river @ PEL dock.							
		6/20/2018	9:00	4.6	65%	Surfc	None None

Canary Creek

BR19: Canary Creek at New Road							
		6/2/2018	8:10	1.6	21%	Surfc	None None
		6/11/2018	8:15	1.7	21%	Surfc	None None
		6/13/2018	12:21	4.7	59%	Surfc	None None
BR40: Canary Creek at Pilottown Rd							
		6/6/2018	8:00	4.5	56%	Surfc	None None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond							
		6/8/2018	8:15	2.0	23%	Surfc	None None
		6/13/2018	10:42	1.7	21%	Surfc	None None
		6/19/2018	7:00	1.6	21%	Surfc	None None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina							
		6/1/2018	9:45	2.2	29%	Surfc	None None

Indian River

IR03: Oak Orchard							
		6/11/2018	8:15	4.6	57%	Surfc	None None
IR104: Indian River at mouth of Swan Creek							
		6/1/2018	14:20	3.8	48%	Surfc	None None
IR26: Possum Point							
		6/1/2018	15:05	5.0	63%	Surfc	None None

Scattered crab kills, mostly juveniles,
observed periodically at low tide

Vines Creek

IR38: Vines Lane							
		6/5/2018	7:00	4.0	46%	Surfc	None None
		6/19/2018	8:30	2.9	37%	Surfc	None None

White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek							
		6/11/2018	8:45	0.7	9%	Surfc	None None
		6/18/2018	8:24	1.3	18%	Surfc	None None

Little Assawoman Bay

Dirickson Creek

LA03: Mulberry Landing							
		6/18/2018	8:33	4.8	62%	Surfc	None None
LA09: Dirickson Creek at Road 381 bridge.							
		6/5/2018	8:34	4.9	53%	Surfc	None None

Jefferson Creek

SB01: Anchorage Canal @ Rt 1							
		6/12/2018	7:44	0.3	4%	Surfc	None None
		6/19/2018	6:57	3.2	42%	Surfc	None None
SB04: Petherton canal/rt1							
		6/5/2018	7:31	1.6	20%	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.

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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	6/12/2018	7:37	2.3	28%	Surfc	None	None
			6/19/2018	6:52	4.8	65%	Surfc	Major	None
		SB06: Brandywine Canal	6/12/2018	7:33	3.0	36%	Surfc	None	None
		SB07: Layton Canal, South Bethany	6/19/2018	7:04	4.8	64%	Surfc	None	None
		SB09: Carlisle canal	6/5/2018	7:06	2.1	26%	Surfc	None	None
			6/12/2018	7:05	1.1	14%	Surfc	None	None
			6/19/2018	7:12	4.5	59%	Surfc	None	None
		SB10E: Russell Canal east dead end	6/12/2018	8:00	0.4	5%	Surfc	None	None
		SB10W: Russell Canal west dead end	6/12/2018	8:13	3.9	47%	Surfc	None	Minor
			6/19/2018	7:47	4.3	59%	Surfc	Minor	None
<u>Little Assawoman Bay</u>									
		LA48: W. Georgetown St. Canal - Fenwick	6/12/2018	8:26	4.7	56%	Surfc	None	None
Rehoboth Bay									
<u>Bald Eagle Creek</u>									
		RB64: Torquay Canal, west side of Land's End near UD Site #1	6/4/2018	8:55	3.8	44%	Surfc	None	None
<u>Guinea Creek</u>									
		RB06: Guinea Creek (Winding Creek Village)	6/4/2018	7:33	4.5	52%	Surfc	None	None
		RB10: Guinea Creek above golf course	6/12/2018	8:59	4.6	47%	Surfc	None	None
<u>Love Creek</u>									
		RB34: Love Creek at Rt 24 Bridge	6/11/2018	10:58	4.2	50%	Surfc	None	None

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