

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 9/1/2017 and 9/22/2017

University of Delaware Citizen Monitoring Program

Water Body	Tributary Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
				ppm	% Saturation	Depth	On Shore?	In Water?
Broadkill River								
	<u>Old Mill Creek</u>							
	BR21: Old Mill Creek downstream from Red Mill Pond							
		9/13/2017	9:39	4.8	55%	Surfc	None	None
Delaware Bay								
	<u>Canary Creek</u>							
	BR19: Canary Creek at New Road							
		9/12/2017	9:30	1.9	21%	Surfc	None	None
		9/16/2017	8:00	1.8	24%	Surfc	None	None
	BR40: Canary Creek at Pilottown Rd							
		9/12/2017	7:21	4.7	59%	Surfc	None	None
		9/20/2017	7:11	4.4	58%	Surfc	None	None
Indian River								
	<u>Assawoman Canal</u>							
	IR50: Assawoman Canal at N end, Ocean View Marina							
		9/7/2017	7:20	3.9	48%	Surfc	None	None
		9/22/2017	7:40	4.3	59%	Surfc	None	None
	<u>Indian River</u>							
	IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
		9/12/2017	7:45	4.9	63%	Surfc	Minor	Minor
	<u>Pepper Creek</u>							
	IR51: Pepper Creek, Creekside							
		9/5/2017	8:00	4.1	52%	Surfc	None	None
		9/12/2017	8:00	3.7	41%	Surfc	None	None
		9/19/2017	8:30	3.6	47%	Surfc	None	None
	<u>Vines Creek</u>							
	IR38: Vines Lane							
		9/12/2017	8:30	4.6	50%	Surfc	None	None
		9/19/2017	8:00	2.4	31%	Surfc	None	None
	<u>White Creek</u>							
	IR32: Holly Terrace Acres Canal Dead End, White Creek							
		9/6/2017	8:08	2.0	27%	Surfc	None	None
		9/11/2017	9:08	2.8	35%	Surfc	None	None
Little Assawoman Bay								
	<u>Dirickson Creek</u>							
	LA03: Mulberry Landing							
		9/18/2017	7:03	4.9	65%	Surfc	None	None
	LA09: Dirickson Creek at Road 381 bridge.							
		9/5/2017	7:48	3.3	38%	Surfc	None	None
		9/18/2017	7:48	3.2	39%	Surfc	None	None
	<u>Jefferson Creek</u>							
	SB01: Anchorage Canal @ Rt 1							
		9/5/2017	7:46	3.8	48%	Surfc	None	None
		9/12/2017	7:40	2.6	32%	Surfc	None	None
		9/19/2017	7:30	0.1	1%	Surfc	None	None
	SB02: Anchorage Canal near elbow							
		9/19/2017	7:25	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.

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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>									
			SB04: Petherton canal/rt1						
			9/12/2017	7:35	1.5	19%	Surfc	None	None
			9/19/2017	7:45	0.0	1%	Surfc	None	None
			SB05: Petherton canal, between lots 156 and 162						
			9/19/2017	7:35	0.7	9%	Surfc	None	None
			SB06: Brandywine Canal						
			9/12/2017	7:30	3.8	48%	Surfc	None	None
			9/19/2017	7:40	0.0	1%	Surfc	None	None
			SB07: Layton Canal, South Bethany						
			9/19/2017	7:50	2.7	36%	Surfc	None	None
			SB09: Carlisle canal						
			9/5/2017	8:00	1.9	24%	Surfc	None	None
			9/12/2017	7:05	2.6	33%	Surfc	None	None
			9/19/2017	7:55	4.1	50%	Surfc	None	None
			SB10E: Russell Canal east dead end						
			9/12/2017	7:58	2.4	30%	Surfc	None	None
			9/19/2017	7:20	0.1	1%	Surfc	None	None
			SB10W: Russell Canal west dead end						
			9/19/2017	7:10	0.2	2%	Surfc	None	None
			SB12: Jefferson Canal West side @ tidal gage						
			9/19/2017	7:00	3.7	49%	Surfc	None	None

Rehoboth Bay

Bald Eagle Creek

RB64: Torquay Canal, west side of Land's End near UD Site #1

9/6/2017	8:46	4.2	57%	Surfc	None	None
9/11/2017	10:20	1.0	14%	Surfc	None	None

Love Creek

RB80: Upper Love Creek at Webb Landing

9/11/2017	8:00	3.9	44%	Surfc	None	None
9/17/2017	9:30	3.3	42%	Surfc	None	None
9/17/2017	9:31	2.8	36%	0.6 m	None	None
9/18/2017	10:30	3.2	41%	Surfc	None	None
9/18/2017	10:31	2.8	37%	0.6 m	None	None

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