

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 4/1/2019 and 5/31/2019

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic Vegetation	
					ppm	% Saturation	Depth	On Shore?	In Water?
Assawoman Bay									
		<u>Assawoman Bay</u>							
		AB01: Bayside Point Pier							
			4/19/2019	8:00	4.7	56%	Surfc	None	None
			5/31/2019	8:15	4.1	57%	Surfc	None	None
Broadkill River									
		<u>Canary Creek</u>							
		BR19: Canary Creek at New Road							
			5/8/2019	12:44	3.6	43%	Surfc	None	None
			5/19/2019	8:35	3.1	34%	Surfc	None	None
			5/22/2019	11:44	4.1	49%	Surfc	None	None
		<u>Old Mill Creek</u>							
		BR21: Old Mill Creek downstream from Red Mill Pond							
			5/8/2019	11:40	4.5	51%	Surfc	None	None
		<u>Prime Hook Creek</u>							
		BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.							
			5/18/2019	8:27	4.7	56%	Surfc	None	None
		BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
			5/18/2019	9:20	3.6	43%	Surfc	None	None
		<u>Turkle Pond</u>							
		BR50: Turkle Pond, PHNWR							
			5/18/2019	8:57	4.5	51%	Surfc	None	None
Indian River									
		<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina							
			5/11/2019	8:00	4.8	61%	Surfc	None	None
			5/30/2019	7:55	4.7	64%	Surfc	None	None
		<u>Indian River</u>							
		IR03: Oak Orchard							
			5/21/2019	7:35	3.8	51%	Surfc	None	None
		<u>White Creek</u>							
		IR32: Holly Terrace Acres Canal Dead End, White Creek							
			5/29/2019	8:18	4.8	66%	Surfc	None	None
Little Assawoman Bay									
		<u>Dirickson Creek</u>							
		LA03: Mulberry Landing							
			5/21/2019	7:13	4.2	55%	Surfc	None	None
		LA06: Swan Cove-pier							
			4/23/2019	7:11	4.2	45%	Surfc	None	None
		LA09: Dirickson Creek at Road 381 bridge.							
			4/23/2019	7:42	3.4	36%	Surfc	None	None
			5/21/2019	8:05	3.9	45%	Surfc	None	None
		<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1							
			5/7/2019	7:46	3.8	47%	Surfc	None	None
			5/14/2019	7:55	2.4	28%	Surfc	None	None
			5/28/2019	7:38	4.5	61%	Surfc	None	Minor

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						
			5/21/2019	7:35	2.5	31%	Surfc	Minor	None
			5/28/2019	7:33	4.3	58%	Surfc	Minor	None
			SB09: Carlisle canal						
			5/7/2019	7:10	4.0	49%	Surfc	None	None
			5/14/2019	7:00	1.3	15%	Surfc	None	None
			5/28/2019	7:05	4.4	61%	Surfc	None	None
			SB10E: Russell Canal east dead end						
			4/2/2019	8:00	2.6	28%	Surfc	None	None
			5/7/2019	8:02	4.7	57%	Surfc	None	None
			5/14/2019	8:05	3.5	39%	Surfc	None	None
			5/28/2019	7:50	4.6	61%	Surfc	None	Minor
			SB10W: Russell Canal west dead end						
			4/2/2019	8:16	3.9	41%	Surfc	None	Minor
			5/7/2019	8:17	3.7	45%	Surfc	None	None
			5/14/2019	8:21	4.9	56%	Surfc	None	None
<u>Little Assawoman Bay</u>									
			LA48: W. Georgetown St. Canal - Fenwick						
			5/21/2019	8:05	4.5	58%	Surfc	None	None

Rehoboth Bay

Bald Eagle Creek

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

			5/7/2019	9:35	4.6	57%	Surfc	None	None
			5/17/2019	9:35	4.6	57%	Surfc	None	None
			5/20/2019	9:03	4.2	56%	Surfc	None	None

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