

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/16/2017 and 6/30/2017

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>Broadkill River</u>							
		BR01: Broadkill river @ PEL dock.							
		6/28/2017	8:50	4.5	60%	Surfc	None	None	
		BR20: Broadkill River at Milton tidal pond							
		6/22/2017	8:20	4.6	59%	Surfc	None	Minor	
		<u>Old Mill Creek</u>							
		BR21: Old Mill Creek downstream from Red Mill Pond							
		6/28/2017	10:21	2.5	32%	Surfc	None	None	
Delaware Bay									
		<u>Canary Creek</u>							
		BR19: Canary Creek at New Road							
		6/18/2017	8:50	1.3	18%	Surfc	None	None	
		6/21/2017	8:47	1.3	17%	Surfc	None	None	
		6/27/2017	9:20	1.4	18%	Surfc	None	None	
		BR40: Canary Creek at Pilottown Rd							
		6/28/2017	8:24	3.2	42%	Surfc	None	None	
Indian River									
		<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina							
		6/21/2017	9:45	3.0	42%	Surfc	None	None	
		<u>Indian River</u>							
		IR03: Oak Orchard							
		6/22/2017	8:05	4.4	61%	Surfc	None	None	
		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							
		6/18/2017	8:00	4.5	65%	Surfc	Minor	None	
		IR26: Possum Point							
		6/20/2017	11:20	3.1	39%	Surfc	None	None	
		<u>Pepper Creek</u>							
		IR51: Pepper Creek, Creekside							
		6/27/2017	10:20	4.5	61%	Surfc	None	None	
		<u>Vines Creek</u>							
		IR38: Vines Lane							
		6/20/2017	8:15	2.8	38%	Surfc	None	None	
		6/27/2017	8:15	1.3	17%	Surfc	None	None	
		<u>White Creek</u>							
		IR32: Holly Terrace Acres Canal Dead End, White Creek							
		6/19/2017	8:30	1.6	23%	Surfc	None	None	
		6/26/2017	8:35	2.2	31%	Surfc	None	None	
Little Assawoman Bay									
		<u>Dirickson Creek</u>							
		LA03: Mulberry Landing							
		6/27/2017	6:34	4.8	66%	Surfc	None	None	
		LA09: Dirickson Creek at Road 381 bridge.							
		6/19/2017	7:27	0.4	5%	Surfc	None	None	
		6/27/2017	7:20	2.1	27%	Surfc	None	None	
		LA29: Upper Dirickson Creek @ Rt20							

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>Dirickson Creek</u>								
		LA29: Upper Dirickson Creek @ Rt20							
		6/19/2017	5:58	3.8	46%	Surfc	None	None	
		6/27/2017	5:58	4.7	53%	Surfc	None	None	
	<u>Jefferson Creek</u>								
		SB01: Anchorage Canal @ Rt 1							
		6/20/2017	7:40	3.2	43%	Surfc	None	None	
		6/27/2017	7:51	2.3	32%	Surfc	Major	None	
		SB02: Anchorage Canal near elbow							
		6/27/2017	7:20	4.3	61%	Surfc	None	None	
		SB04: Petherton canal/rt1							
		6/27/2017	7:44	0.1	1%	Surfc	Major	Major	
		SB05: Petherton canal, between lots 156 and 162							
		6/27/2017	7:29	4.2	59%	Surfc	None	None	
		SB06: Brandywine Canal							
		6/20/2017	7:32	4.5	64%	Surfc	Minor	Minor	
		6/27/2017	7:39	2.2	31%	Surfc	Major	None	
		SB09: Carlisle canal							
		6/20/2017	7:09	2.9	41%	Surfc	None	None	
		6/27/2017	8:08	1.7	24%	Surfc	None	Minor	
		SB10E: Russell Canal east dead end							
		6/20/2017	7:55	3.1	44%	Surfc	Major	Major	
		6/27/2017	7:14	3.7	53%	Surfc	Major	Major	
		SB10W: Russell Canal west dead end							
		6/20/2017	8:15	4.6	67%	Surfc	None	None	
	<u>Little Assawoman Bay</u>								
		LA48: W. Georgetown St. Canal - Fenwick							
		6/27/2017	8:24	4.1	58%	Surfc	None	None	
Rehoboth Bay									
	<u>Bald Eagle Creek</u>								
		RB64: Torquay Canal, west side of Land's End near UD Site #1							
		6/19/2017	9:41	2.9	43%	Surfc	None	None	
		6/27/2017	9:47	1.2	17%	Surfc	None	None	
	<u>Guinea Creek</u>								
		RB06: Guinea Creek (Winding Creek Village)							
		6/26/2017	7:33	3.8	52%	Surfc	None	None	
		RB06A: Guinea Creek @ Rd 298 Bridge							
		6/26/2017	7:59	4.0	46%	Surfc	None	None	
	<u>Lewes-Rehoboth Canal</u>								
		RB08A: Lewes Canal Front Park - Kayak Launch							
		6/27/2017	9:40	3.6	49%	Surfc	None	None	
	<u>Love Creek</u>								
		RB80: Upper Love Creek at Webb Landing							
		6/16/2017	7:41	3.1	41%	0.6 m	None	None	
		6/17/2017	7:46	3.4	44%	0.6 m	None	None	
		6/18/2017	7:41	3.2	43%	0.6 m	None	None	
		6/19/2017	7:35	3.3	43%	Surfc	None	None	
		6/19/2017	7:36	3.2	43%	0.6 m	None	None	
		6/20/2017	7:35	2.8	36%	Surfc	None	None	
		6/20/2017	7:36	2.6	33%	0.6 m	None	None	
		6/21/2017	7:45	2.7	34%	Surfc	None	None	
		6/21/2017	7:46	2.8	35%	0.6 m	None	None	

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