

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/6/2016 and 7/21/2016

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?
Broadkill River								
	<u>Broadkill River</u>							
		BR20: Broadkill River at Milton tidal pond						
		7/20/2016	6:55	4.6	58%	None	Minor	
	<u>Old Mill Creek</u>							
		BR21: Old Mill Creek downstream from Red Mill Pond						
		7/13/2016	11:55	4.5	60%	None	None	
		7/17/2016	7:30	0.8	11%	None	None	
Delaware Bay								
	<u>Canary Creek</u>							
		BR40: Canary Creek at Pilottown Rd						
		7/6/2016	6:58	2.5	35%	None	None	
Indian River								
	<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina						
		7/7/2016	7:40	3.9	57%	None	None	
		7/14/2016	7:45	3.2	46%	None	None	
		7/21/2016	7:40	3.6	53%	None	None	
	<u>Indian River</u>							
		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive						
		7/14/2016	8:15	3.4	50%	None	None	
		IR26: Possum Point						
		7/7/2016	12:10	3.4	49%	None	None	
Little Assawoman Bay								
	<u>Dirickson Creek</u>							
		LA03: Mulberry Landing						
		7/13/2016	7:08	2.8	39%	None	None	
		7/18/2016	7:13	3.3	48%	None	None	
		LA09: Dirickson Creek at Road 381 bridge.						
		7/13/2016	7:55	3.0	41%	None	None	
		7/18/2016	7:53	3.3	46%	None	None	
		LA29: Upper Dirickson Creek @ Rt20						
		7/18/2016	6:44	4.0	47%	None	None	
	<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1						
		7/12/2016	7:32	0.9	13%	None	None	
		7/19/2016	7:45	1.8	25%	None	None	
		SB02: Anchorage Canal near elbow						
		7/12/2016	7:25	4.8	70%	None	None	
		7/19/2016	7:53	3.7	54%	None	None	
		SB04: Petherton canal/rt1						
		7/12/2016	7:48	2.1	30%	None	None	
		7/19/2016	7:40	2.1	31%	None	None	
		SB05: Petherton canal, between lots 156 and 162						
		7/12/2016	7:40	2.6	38%	None	None	
		7/19/2016	7:25	4.7	70%	None	None	
		SB06: Brandywine Canal						
		7/12/2016	7:53	0.6	9%	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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					ppm	% Saturation	On Shore?	In Water?
Little Assawoman Bay								
<u>Jefferson Creek</u>								
		SB06: Brandywine Canal						
			7/19/2016	7:35	2.9	43%	None	None
		SB07: Layton Canal, South Bethany						
			7/19/2016	7:16	4.9	73%	None	None
		SB09: Carlisle canal						
			7/12/2016	8:10	0.1	1%	None	None
			7/19/2016	7:09	0.5	7%	None	None
		SB10E: Russell Canal east dead end						
			7/12/2016	7:16	1.9	27%	None	None
			7/19/2016	7:59	3.3	50%	None	None
		SB10W: Russell Canal west dead end						
			7/12/2016	7:08	0.8	12%	None	None
			7/19/2016	8:15	4.8	73%	None	None
		SB12: Jefferson Canal West side @ tidal gage						
			7/19/2016	8:07	3.5	52%	None	None
<u>Little Assawoman Bay</u>								
		LA46: Fenwick Island Tide Gauge						
			7/12/2016	10:08	4.7	68%	None	None
Rehoboth Bay								
<u>Guinea Creek</u>								
		RB06A: Guinea Creek @ Rd 298 Bridge						
			7/12/2016	7:32	3.1	40%	None	None
<u>Herring Creek</u>								
		RB90: Burton Prong						
			7/12/2016	8:45	3.2	41%	None	None

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