

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/31/2016 and 9/29/2016

University of Delaware Citizen Monitoring Program

Water Body	Tributary Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
				ppm	% Saturation	On Shore?	In Water?
<b>Broadkill River</b>							
	<u>Broadkill River</u>						
		BR01: Broadkill river @ PEL dock.					
		9/21/2016	8:45	3.1	42%	None	None
	<u>Deep Hole Creek</u>						
		BR13: 2707 S. Bayshore Drive					
		9/24/2016	9:00	3.1	43%	None	None
<b>Delaware Bay</b>							
	<u>Canary Creek</u>						
		BR40: Canary Creek at Pilottown Rd					
		9/20/2016	6:50	2.5	33%	None	None
<b>Indian River</b>							
	<u>Assawoman Canal</u>						
		IR50: Assawoman Canal at N end, Ocean View Marina					
		9/2/2016	7:30	2.2	32%	None	None
		9/8/2016	9:15	3.3	48%	None	None
		9/15/2016	7:45	4.4	63%	None	None
		9/22/2016	8:50	3.6	49%	None	None
	<u>Indian River</u>						
		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive					
		9/11/2016	8:00	4.0	58%	Minor	None
		9/25/2016	8:05	4.6	60%	None	None
		IR24: Iron Branch - County road 331 at bridge					
		9/12/2016	9:08	4.1	53%	None	None
		IR26: Possum Point					
		8/31/2016	9:45	4.6	67%	None	None
		9/22/2016	11:40	4.3	55%	None	None
	<u>Pepper Creek</u>						
		IR51: Pepper Creek, Creekside					
		9/20/2016	8:55	4.1	55%	None	None
	<u>Vines Creek</u>						
		IR38: Vines Lane					
		9/13/2016	8:00	4.6	64%	None	None
	<u>White Creek</u>						
		IR32: Holly Terrace Acres Canal Dead End, White Creek					
		9/16/2016	8:30	1.3	18%	None	None
		9/26/2016	8:38	3.8	51%	None	None
<b>Little Assawoman Bay</b>							
	<u>Dirickson Creek</u>						
		LA03: Mulberry Landing					
		9/6/2016	7:24	3.1	41%	None	None
		LA09: Dirickson Creek at Road 381 bridge.					
		9/6/2016	8:22	3.8	47%	None	None
		LA29: Upper Dirickson Creek @ Rt20					
		9/6/2016	6:46	2.9	33%	None	None
		9/12/2016	8:35	0.4	5%	None	None
	<u>Jefferson Creek</u>						

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?
<b>Little Assawoman Bay</b>								
<u>Jefferson Creek</u>								
		SB01: Anchorage Canal @ Rt 1						
		9/6/2016	7:38	3.4	46%	None	None	
		9/13/2016	7:29	2.4	34%	None	None	
		9/20/2016	7:26	2.1	28%	None	None	
		9/27/2016	7:25	4.9	63%	None	None	
		SB02: Anchorage Canal near elbow						
		9/13/2016	7:02	4.6	67%	None	None	
		9/20/2016	7:20	2.5	33%	None	None	
		SB04: Petherton canal/rt1						
		9/6/2016	7:35	4.8	65%	None	None	
		9/13/2016	7:18	3.7	53%	None	None	
		9/20/2016	7:41	2.0	28%	None	None	
		SB05: Petherton canal, between lots 156 and 162						
		9/13/2016	7:11	4.9	71%	None	None	
		9/20/2016	7:35	2.2	29%	None	None	
		SB06: Brandywine Canal						
		9/6/2016	7:30	4.6	62%	None	None	
		9/13/2016	7:22	4.4	63%	None	None	
		9/20/2016	7:46	2.9	40%	None	None	
		SB07: Layton Canal, South Bethany						
		9/20/2016	7:52	3.5	47%	None	None	
		SB09: Carlisle canal						
		9/6/2016	7:05	0.2	3%	None	None	
		9/13/2016	7:53	1.6	23%	None	None	
		9/20/2016	8:00	1.9	24%	None	None	
		SB10E: Russell Canal east dead end						
		9/6/2016	7:50	3.7	50%	None	None	
		9/20/2016	7:13	3.7	50%	None	None	
		SB10W: Russell Canal west dead end						
		9/6/2016	8:03	2.3	32%	None	None	
		9/13/2016	8:22	4.3	63%	None	None	
		9/20/2016	7:07	4.0	54%	None	None	
		SB12: Jefferson Canal West side @ tidal gage						
		9/20/2016	7:00	3.3	44%	None	None	
<u>Little Assawoman Bay</u>								
		LA48: W. Georgetown St. Canal - Fenwick						
		9/13/2016	8:30	4.5	64%	None	None	
<u>Miller Creek</u>								
		LA31: Double Bridges road bridge at Plantation Park						
		9/27/2016	9:04	1.3	16%	None	None	
<u>Williams Creek</u>								
		LA21: Williams Creek tributary, bridge on Rd 364a						
		9/27/2016	8:54	2.3	29%	None	None	
<b>Rehoboth Bay</b>								
<u>Bald Eagle Creek</u>								
		RB64: Torquay Canal, west side of Land's End near UD Site #1						
		9/12/2016	9:58	4.2	61%	None	None	
		9/26/2016	9:12	2.6	36%	None	None	
<u>Guinea Creek</u>								
		RB06: Guinea Creek (Winding Creek Village)						
		9/12/2016	7:32	3.6	53%	None	None	

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<b>Rehoboth Bay</b>								
		<u>Guinea Creek</u>						
		RB06A: Guinea Creek @ Rd 298 Bridge						
			9/12/2016	7:50	2.4	35%	None	None
		RB10: Guinea Creek above golf course						
			9/12/2016	8:02	0.9	10%	None	None
		<u>Herring Creek</u>						
		RB90: Burton Prong						
			9/12/2016	9:15	4.1		None	None

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