
Low Dissolved Oxygen

Less than 5.0 ppm

All data between 5/31/2016 and 6/16/2016

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?

Broadkill River

Broadkill River

BR01: Broadkill river @ PEL dock.

6/8/2016	8:45	4.4	58%	None	None
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Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

6/5/2016	7:15	1.6	19%	None	None
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6/8/2016	11:40	1.6	20%	None	None
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6/12/2016	8:55	3.4	42%	None	None
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Delaware Bay

Canary Creek

BR40: Canary Creek at Pilottown Rd

6/6/2016	7:33	4.8	64%	None	None
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Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina

6/9/2016	7:50	4.8	62%	None	None
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Indian River

IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive

6/12/2016	8:15	4.1	58%	None	None
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IR24: Iron Branch - County road 331 at bridge

6/6/2016	9:16	4.8	61%	None	None
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Pepper Creek

IR51: Pepper Creek, Creekside

6/14/2016	8:00	2.9	38%	None	None
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Vines Creek

IR38: Vines Lane

5/31/2016	9:00	4.8	60%	None	None
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6/7/2016	7:45	4.2	54%	None	None
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Little Assawoman Bay

Dirickson Creek

LA03: Mulberry Landing

6/6/2016	7:17	3.2	41%	None	None
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LA09: Dirickson Creek at Road 381 bridge.

5/31/2016	7:30	3.2	36%	None	None
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LA29: Upper Dirickson Creek @ Rt20

5/31/2016	6:52	4.7	52%	None	None
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1

5/31/2016	7:44	3.8	49%	Minor	Major
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6/14/2016	7:41	2.1	28%	Minor	Minor
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SB02: Anchorage Canal near elbow

5/31/2016	7:53	4.4	56%	Minor	Minor
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SB04: Petherton canal/rt1

5/31/2016	7:38	2.9	37%	Major	Minor
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6/7/2016	6:36	2.0	27%	Minor	Minor
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6/14/2016	7:46	0.6	8%	Minor	Minor
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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.

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen ppm	% Saturation	Aquatic Vegetation On Shore?	In Water?
Little Assawoman Bay								
<u>Jefferson Creek</u>								
		SB05: Petherton canal, between lots 156 and 162						
		5/31/2016	7:23	4.0	51%	Major	Minor	
		SB06: Brandywine Canal						
		6/7/2016	6:45	2.0	27%	Major	Major	
		6/14/2016	7:53	3.1	42%	Minor	Minor	
		SB09: Carlisle canal						
		5/31/2016	7:08	4.8	62%	None	None	
		6/7/2016	5:57	3.5	47%	None	None	
		6/14/2016	8:14	3.1	41%	None	None	
		SB10E: Russell Canal east dead end						
		5/31/2016	8:00	4.4	56%	None	None	
		6/7/2016	7:26	1.9	26%	Major	Major	
		6/14/2016	7:21	1.5	20%	Minor	Minor	
		SB10W: Russell Canal west dead end						
		5/31/2016	8:14	2.3	30%	Major	Major	
		6/7/2016	7:45	4.2	58%	Minor	None	
		6/14/2016	7:15	4.5	60%	Minor	Minor	
		SB12: Jefferson Canal West side @ tidal gage						
		5/31/2016	8:07	3.9	50%	None	None	
Rehoboth Bay								
<u>Guinea Creek</u>								
		RB06: Guinea Creek (Winding Creek Village)						
		5/31/2016	7:50	4.2	51%	Minor	None	
		RB06A: Guinea Creek @ Rd 298 Bridge						
		6/7/2016	7:39	4.1	49%	None	None	
<u>Herring Creek</u>								
		RB90: Burton Prong						
		6/6/2016	9:35	4.0	50%	None	None	

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Aquatic vegetation comments: "None" - none seen; "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10' wide.

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