
Low Dissolved Oxygen

Less than 5.0 ppm

All data between 4/1/2016 and 6/1/2016

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.

5/11/2016	9:35	4.7	51%	Minor	Minor
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Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

4/17/2016	9:00	4.4	45%	Minor	Minor
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5/9/2016	8:50	4.8	49%	Minor	Minor
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5/11/2016	11:50	4.9	51%	Minor	Minor
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5/22/2016	8:55	3.1	33%	Minor	Minor
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Little Assawoman Bay

Dirickson Creek

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

4/25/2016	8:10	4.9	48%	Minor	Minor
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5/31/2016	6:52	4.7	52%	None	None
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1

4/12/2016	7:45	4.6	52%	Minor	Minor
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5/31/2016	7:44	3.8	49%	Minor	Major
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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

5/24/2016	7:28	1.7	20%	Minor	Minor
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5/31/2016	7:38	2.9	37%	Major	Minor
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SB05: Petherton canal, between lots 156 and 162

5/31/2016	7:23	4.0	51%	Major	Minor
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SB06: Brandywine Canal

5/17/2016	7:30	4.8	57%	Major	Major
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5/24/2016	7:32	0.3	4%	Major	Major
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SB09: Carlisle canal

5/24/2016	7:06	1.4	17%	Major	Major
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5/31/2016	7:08	4.8	62%	Minor	Minor
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SB10E: Russell Canal east dead end

5/17/2016	8:04	4.2	45%	Major	Minor
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5/24/2016	7:54	4.2	49%	Minor	Minor
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5/31/2016	8:00	4.4	56%	Minor	Minor
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SB10W: Russell Canal west dead end

4/26/2016	8:07	4.5	55%	None	None
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5/31/2016	8:14	2.3	30%	Major	Major
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SB12: Jefferson Canal West side @ tidal gage

5/31/2016	8:07	3.9	50%	Minor	Minor
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Rehoboth Bay

Guinea Creek

RB06: Guinea Creek (Winding Creek Village)

5/31/2016	7:50	4.2	51%	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.

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