
Low Dissolved Oxygen

Less than 5.0 ppm

All data between 4/1/2015 and 5/27/2015

University of Delaware Citizen Monitoring Program

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

Broadkill River

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

5/3/2015	8:30	4.1			None	None
5/6/2015	12:00	3.9	46%		None	None
5/10/2015	7:30	2.7	31%		None	None
5/17/2015	8:15	2.2	27%		None	None
5/20/2015	11:35	2.4	30%		None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

5/6/2015	11:28	2.7	34%		Minor	Minor
5/25/2015	8:30	1.2	13%		None	None

Delaware Bay

Canary Creek

BR40: Canary Creek at Pilottown Rd

5/19/2015	6:45	3.3	43%		None	None
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Indian River

Indian River

IR24: Iron Branch - County road 331 at bridge

4/27/2015	11:15	4.5	44%		None	None
5/4/2015	10:00	4.8	55%		None	None
5/18/2015	9:57	3.7	48%		None	None

Vines Creek

IR38: Vines Lane

5/12/2015	7:45	4.7	62%		None	None
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Little Assawoman Bay

Dirickson Creek

LA03: Mulberry Landing

5/18/2015	7:06	4.5	59%		None	None
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LA09: Dirickson Creek at Road 381 bridge.

5/18/2015	8:25	3.3	42%		None	None
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1

4/21/2015	7:51	4.6	52%		Major	None
5/12/2015	7:38	4.6	59%		None	None
5/19/2015	7:36	3.6	48%		None	None

SB04: Petherton canal/rt1

4/21/2015	7:38	4.6	52%		Major	Major
5/5/2015	7:37	4.7	57%		Major	Major
5/12/2015	7:33	3.8	50%		Major	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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Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?
Little Assawoman Bay								
<u>Jefferson Creek</u>								
SB04: Petherton canal/rt1								
			5/19/2015	7:27	4.5	60%	Major	Major
			5/26/2015	7:38	4.7	62%	Major	Major
SB05: Petherton canal, between lots 156 and 162								
			5/19/2015	7:23	4.2	58%	Minor	None
SB06: Brandywine Canal								
			5/12/2015	7:30	2.9	38%	Major	Minor
			5/19/2015	7:32	4.0	53%	Major	Major
SB09: Carlisle canal								
			5/12/2015	7:07	2.2	29%	None	None
			5/26/2015	7:05	4.8	63%	None	Minor
SB10E: Russell Canal east dead end								
			5/12/2015	7:50	3.5	45%	None	None
			5/19/2015	7:49	4.5	61%	None	None
SB10W: Russell Canal west dead end								
			5/12/2015	8:05	2.7	36%	None	None
			5/19/2015	8:02	3.4	47%	None	None
SB12: Jefferson Canal West side @ tidal gage								
			5/12/2015	7:58	4.6	60%	None	None

Rehoboth Bay

Herring Creek

RB90: Burton Prong

			5/4/2015	9:30	4.3	46%	None	None
			5/18/2015	8:00	3.4	42%	None	None

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