

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 5/2/2010 and 5/31/2010

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

5/9/2010	8:10	4.4	43%	None	None
5/22/2010	7:55	2.7	31%	None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

5/26/2010	12:12	4.9	62%	None	Minor
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Indian River

Salt Pond

IR73: Western edge of Salt Pond

5/8/2010	7:45	4.5	58%	Minor	Minor
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Vines Creek

IR38: Vines Lane

5/25/2010	7:30	4.8	60%	None	None
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Little Assawoman Bay

LA44: Fenwick Island Cove

5/4/2010	7:30	4.9	62%	None	None
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Dirickson Creek

LA09: Dirickson Creek at Road 381 bridge.

5/24/2010	8:50	3.9	48%	None	None
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1

5/4/2010	7:35	2.3	29%	None	None
5/11/2010	7:32	4.6	55%	None	None
5/25/2010	7:30	4.3	54%	None	None

SB04: Petherton canal/rt1

5/4/2010	7:28	2.8	36%	None	None
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SB09: Carlisle canal

5/18/2010	7:05	4.4	52%	None	None
5/25/2010	6:45	4.9	61%	None	Minor

SB10E: Russell Canal east dead end

5/4/2010	8:09	2.2	28%	None	None
5/11/2010	7:55	4.2	48%	None	None
5/25/2010	7:47	4.3	54%	Minor	None

SB10W: Russell Canal west dead end

5/4/2010	8:23	4.2	54%	None	None
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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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