

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 5/4/2009 and 5/29/2009

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

5/8/2009	7:30	3.3	34%	None	None
5/16/2009	7:45	4.1	46%	None	None
5/23/2009	7:45	2.8	32%	None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

5/6/2009	12:20	4.9	50%	None	Minor
5/25/2009	11:00	3.4		None	None

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road

5/7/2009	11:30	4.7	51%	None	None
5/13/2009	15:10	4.0	46%	None	None

Indian River

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

5/18/2009	8:01	3.7	42%	None	None
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Indian River

IR20: Bay Colony

5/4/2009	8:05	4.7	53%	None	None
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Vines Creek

IR38: Vines Lane

5/26/2009	7:50	4.8	59%	None	None
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White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek

5/5/2009	10:15	3.4	39%	None	None
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Little Assawoman Bay

Dirickson Creek

LA09: Dirickson Creek at Road 381 bridge.

5/18/2009	8:50	4.1	44%	Minor	Minor
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1

5/5/2009	7:44	4.1	45%	None	None
5/26/2009	7:36	4.8	60%	None	None

SB02: Anchorage Canal near elbow

5/26/2009	7:59	4.9	62%	None	None
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SB04: Petheron canal/rt1

5/26/2009	7:29	2.7	35%	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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Water Body	Tributary	Site	Date	Time	Dissolved Oxygen ppm	% Saturation	Aquatic Vegetation On Shore?	In Water?
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Little Assawoman Bay

Jefferson Creek

SB07: Layton Canal, South Bethany								
			5/26/2009	7:18	4.2	54%	None	None
SB10E: Russell Canal east dead end								
			5/5/2009	8:02	3.1	34%	None	None
			5/19/2009	8:19	3.3	38%	None	None
			5/26/2009	7:44	2.8	36%	Minor	None
SB10W: Russell Canal west dead end								
			5/5/2009	8:23	3.1	35%	None	None
			5/26/2009	8:30	4.5	56%	None	None
SB12: Jefferson Canal West side @ tidal gage								
			5/26/2009	8:15	4.8	61%	None	None

Rehoboth Bay

Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)								
			5/27/2009	8:40	4.7	59%	Minor	None

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