

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 4/1/2012 and 5/24/2012

University of Delaware Citizen Monitoring Program

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

## Broadkill River

### Deep Hole Creek

BR13: 2707 S. Bayshore Drive

5/16/2012	9:45	3.6	47%	None	None
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### Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

4/21/2012	8:35	2.9	34%	None	None
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5/6/2012	8:40	2.8	32%	None	None
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5/9/2012	12:46	3.1	38%	None	None
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5/23/2012	12:42	3.7	48%	None	None
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### Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

4/8/2012	10:30	4.6	49%	None	None
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5/9/2012	12:18	1.6	19%	None	None
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5/13/2012	11:15	2.9	38%	None	None
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5/20/2012	10:30	4.6	56%	None	None
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## Indian River

### Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

5/21/2012	8:00	2.0	25%	None	None
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### Indian River

IR20: Bay Colony

5/21/2012	8:05	4.8	60%	None	None
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### White Creek

IR29: Holly Terrace Acres Canal, White Creek

5/3/2012	8:00	4.6	53%	None	None
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IR32: Holly Terrace Acres Canal Dead End, White Creek

4/19/2012	8:25	3.0	38%	None	None
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## Little Assawoman Bay

### Jefferson Creek

SB01: Anchorage Canal @ Rt 1

5/22/2012	7:45	2.6	33%	Minor	Minor
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SB04: Petherton canal/rt1

4/17/2012	7:45	2.8	35%	Major	Major
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5/15/2012	7:32	3.3	42%	None	Major
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5/22/2012	7:25	4.8	60%	Minor	None
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SB07: Layton Canal, South Bethany

5/22/2012	7:06	4.2	54%	None	Minor
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SB09: Carlisle canal

5/22/2012	6:46	0.2	2%	None	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?
<b>Little Assawoman Bay</b>								
	<u>Jefferson Creek</u>							
		SB10E: Russell Canal east dead end						
		5/8/2012	8:00	4.4	55%		Major	Minor
		5/22/2012	8:02	2.4	30%		None	None
		SB10W: Russell Canal west dead end						
		5/22/2012	8:15	3.1	39%		Minor	Minor
<b>Rehoboth Bay</b>								
	<u>Bald Eagle Creek</u>							
		RB64: Torquay Canal, west side of Land's End near UD Site #1						
		5/21/2012	9:02	4.8	59%		None	None
	<u>Guinea Creek</u>							
		RB06A: Guinea Creek @ Rd 298 Bridge						
		5/8/2012	7:35	4.8	50%		None	None
		5/21/2012	7:55	3.8	42%		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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