
Low Dissolved Oxygen

Less than 5.0 ppm

All data between 4/7/2014 and 6/4/2014

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?
Broadkill River								
<u>Old Mill Creek</u>								
BR21: Old Mill Creek downstream from Red Mill Pond								
			4/12/2014	7:25	4.3	42%	None	None
			4/27/2014	8:00	4.2	42%	None	None
			5/4/2014	7:15	3.9	39%	None	None
			5/11/2014	8:10	4.5	49%	None	None
			5/18/2014	8:45	4.4	46%	None	None
			5/26/2014	7:00	2.2	26%	None	None
<u>Prime Hook Creek</u>								
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters								
			4/9/2014	12:00	1.9	20%	None	Minor
			5/17/2014	11:00	3.4		None	None
			5/26/2014	10:30	2.0		None	None
			5/31/2014	10:45	4.9	60%	None	None
Indian River								
IR24: Iron Branch - County road 331 at bridge								
			5/14/2014	8:30	4.9	58%	None	None
<u>Assawoman Canal</u>								
IR50: Assawoman Canal at N end, Ocean View Marina								
			5/28/2014	7:30	4.5	61%	None	None
<u>Bethany Loop Canal</u>								
IR62: Loop Canal, Pa Ave terminus, Bethany Beach								
			5/6/2014	7:10	4.9	49%	None	None
<u>Pepper Creek</u>								
IR51: Pepper Creek, Creekside								
			5/12/2014	7:45	4.8	61%	None	None
			5/27/2014	7:30	3.4	45%	None	None
<u>Salt Pond</u>								
IR73: Western edge of Salt Pond								
			5/17/2014	8:00	4.9	55%	None	None
<u>Vines Creek</u>								
IR38: Vines Lane								
			5/6/2014	8:00	4.8	54%	None	None
			5/13/2014	7:45	3.5	46%	None	None
			5/20/2014	7:15	3.7	43%	None	None
			5/27/2014	8:00	3.2	43%	None	None
			6/3/2014	7:15	4.1	50%	None	None
<u>White Creek</u>								
IR29: Holly Terrace Acres Canal, White Creek								

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?
Indian River								
		<u>White Creek</u>						
		IR29: Holly Terrace Acres Canal, White Creek						
		5/28/2014	7:30	2.8	39%	None	None	
		6/3/2014	7:30	4.7	61%	None	None	
		IR32: Holly Terrace Acres Canal Dead End, White Creek						
		5/27/2014	8:15	3.7	51%	Minor	None	
		6/2/2014	8:25	3.4	43%	None	Minor	
Little Assawoman Bay								
		<u>Assawoman Canal</u>						
		LA10: Assawoman Canal S end, Kent Ave Bridge						
		5/20/2014	7:15	4.3	49%	None	None	
		<u>Jefferson Creek</u>						
		SB01: Anchorage Canal @ Rt 1						
		5/27/2014	7:01	3.7	48%	None	None	
		SB04: Petherton canal/rt1						
		5/24/2014	7:47	2.6	35%	None	None	
		6/3/2014	7:37	4.7	61%	Minor	None	
		SB06: Brandywine Canal						
		5/24/2014	7:43	3.3	44%	None	None	
		SB10E: Russell Canal east dead end						
		5/13/2014	8:00	4.8	62%	None	None	
		5/20/2014	8:09	4.7	57%	None	None	
		5/27/2014	7:30	4.2	56%	None	None	
		SB10W: Russell Canal west dead end						
		5/27/2014	7:13	4.8	64%	None	None	
Rehoboth Bay								
		<u>Bald Eagle Creek</u>						
		RB64: Torquay Canal, west side of Land's End near UD Site #1						
		5/19/2014	7:45	2.3	28%	None	None	
		6/2/2014	7:30	4.4	56%	None	None	
		<u>Guinea Creek</u>						
		RB06: Guinea Creek (Winding Creek Village)						
		5/26/2014	8:30	4.0	48%	None	None	
		6/2/2014	7:15	4.8	56%	None	None	

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