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# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 5/28/2015 and 6/17/2015

University of Delaware Citizen Monitoring Program

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Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?
<b>Broadkill River</b>								
		<u>Old Mill Creek</u>						
		BR21: Old Mill Creek downstream from Red Mill Pond						
			5/31/2015	8:05	3.5	43%	None	None
			6/14/2015	7:50	2.0	26%	None	None
		<u>Prime Hook Creek</u>						
		BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters						
			6/13/2015	11:00	3.4	37%	None	None
<b>Indian River</b>								
		<u>Assawoman Canal</u>						
		IR50: Assawoman Canal at N end, Ocean View Marina						
			6/11/2015	8:10	4.5	62%	None	None
		<u>Vines Creek</u>						
		IR38: Vines Lane						
			6/2/2015	7:15	3.8	51%	None	None
		<u>White Creek</u>						
		IR29: Holly Terrace Acres Canal, White Creek						
			6/1/2015	7:05	3.8	55%	None	None
			6/15/2015	7:15	3.7	55%	None	None
		IR32: Holly Terrace Acres Canal Dead End, White Creek						
			6/1/2015	7:00	3.4	50%	None	None
			6/15/2015	7:00	3.4	51%	None	None
<b>Little Assawoman Bay</b>								
		<u>Dirickson Creek</u>						
		LA09: Dirickson Creek at Road 381 bridge.						
			6/1/2015	9:40	4.2	55%	None	Minor
			6/15/2015	7:30	2.7	36%	None	None
		LA29: Upper Dirickson Creek @ Rt20						
			6/1/2015	9:50	2.4	27%	None	None
			6/15/2015	9:28	4.1	47%	None	None
		<u>Jefferson Creek</u>						
		SB01: Anchorage Canal @ Rt 1						
			6/2/2015	7:51	1.9	26%	None	None
			6/16/2015	7:29	3.0	42%	Minor	None
		SB02: Anchorage Canal near elbow						
			6/2/2015	7:24	4.2	57%	None	Minor
		SB04: Petherton canal/rt1						
			6/2/2015	7:46	2.1	30%	Major	Major
			6/16/2015	7:18	4.3	63%	Minor	None
		SB05: Petherton canal, between lots 156 and 162						
			6/2/2015	7:32	5.0	67%	None	Minor
		SB06: Brandywine Canal						
			6/2/2015	7:40	1.4	20%	Major	Major

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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		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?
<b>Little Assawoman Bay</b>								
<u>Jefferson Creek</u>								
		SB06: Brandywine Canal						
		6/16/2015	7:24	4.7	68%	Minor	None	
		SB09: Carlisle canal						
		6/2/2015	8:06	4.9	66%	None	None	
		6/16/2015	7:45	3.1	45%	None	None	
		SB10E: Russell Canal east dead end						
		6/2/2015	7:18	3.9	56%	Minor	None	
		6/16/2015	8:00	3.7	54%	Minor	Minor	
		SB10W: Russell Canal west dead end						
		6/2/2015	7:13	3.8	54%	Minor	None	
		6/16/2015	8:14	4.6	68%	Minor	None	
<u>Little Assawoman Bay</u>								
		LA48: W. Georgetown St. Canal - Fenwick						
		6/2/2015	8:28	4.0	55%	None	None	
		6/17/2015	9:30	3.0	44%	None	None	
<b>Rehoboth Bay</b>								
<u>Guinea Creek</u>								
		RB06: Guinea Creek (Winding Creek Village)						
		6/1/2015	8:00	4.7	62%	None	None	

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