

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 9/23/2006 and 10/23/2006

Citizen Monitor Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Macro Algae	
					ppm	% Saturation	On Shore?	In Water?
Assawoman Canal								
		LA10: Assawoman Canal @ Kent Ave Bridge						
			9/25/2006	8:10	2.5	31%	None	None
			10/9/2006	8:00	5.0	51%	None	None
Broadkill River								
	<u>Old Mill Creek</u>							
		BR21: Old Mill Creek downstream from Red Mill Pond						
			9/24/2006	8:15	2.6	30%	None	None
			10/9/2006	7:45	5.0	50%	None	None
	<u>Prime Hook Creek</u>							
		BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters						
			10/8/2006	9:00	1.1		None	None
Indian River								
	<u>Vines Creek</u>							
		IR38: Vines Lane						
			9/25/2006	8:15	4.5	58%	None	None
	<u>White Creek</u>							
		IR29: Holly Terrace Acres Canal, White Creek						
			9/27/2006	8:00	3.4	43%	None	None
			10/11/2006	8:00	4.7	58%	None	None
Little Assawoman Bay								
		LA43: Fenwick Island Lagoon						
			10/10/2006	8:45	4.8	59%	None	None
	<u>Jefferson Creek</u>							
		SB07: Layton Canal, South Bethany						
			9/23/2006	7:25	4.6	58%	None	None
Rehoboth Bay								
	<u>Guinea Creek</u>							
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)						
			10/2/2006	8:40	5.0	63%	Minor	Minor

The state standard for Dissolved Oxygen: a) the average for June thru September shall not fall below 5.0 parts per million; b) the minimum shall not fall below 4.0 ppm.

Macro algae comments: "None" - none seen; "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10' wide.

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