

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 4/1/2006 and 5/25/2006

Citizen Monitor Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Macro Algae	
					ppm	% Saturation	On Shore?	In Water?
<b>Broadkill River</b>								
		<u>Old Mill Creek</u>						
		BR21: Old Mill Creek downstream from Red Mill Pond						
			4/23/2006	9:00	5.0	55%	None	None
			5/14/2006	9:10	3.3	36%	None	None
		<u>Prime Hook Creek</u>						
		BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters						
			5/7/2006	10:00	3.7		None	None
			5/14/2006	9:00	3.7		None	None
			5/21/2006	9:00	4.4		None	None
<b>Delaware Bay</b>								
		<u>Canary Creek</u>						
		BR40: Canary Creek at Pilottown Rd						
			5/3/2006	9:30	4.6	53%	None	None
			5/17/2006	9:07	3.5	42%	None	None
<b>Indian River</b>								
		IR20: Bay Colony						
			5/16/2006	8:35	5.0	60%	None	None
		<u>Vines Creek</u>						
		IR38: Vines Lane						
			5/17/2006	9:30	4.7	58%	None	None
		<u>White Creek</u>						
		IR29: Holly Terrace Acres Canal, White Creek						
			5/10/2006	8:00	4.4	53%	None	None
			5/17/2006	7:45	3.7	47%	None	None
<b>Rehoboth Bay</b>								
		<u>Guinea Creek</u>						
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)						
			5/17/2006	7:45	4.9	60%	None	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.

### Citizen Monitoring Program