

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/12/2006 and 8/25/2006

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

8/14/2006	8:10	2.8	38%	None	None
8/20/2006	7:05	2.7	40%	None	None

## Broadkill River

### Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

8/13/2006	8:30	3.1	35%	None	None
8/19/2006	8:30	2.2	28%	None	None

### Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

8/20/2006	8:30	3.0		None	None
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## Delaware Bay

### Canary Creek

BR40: Canary Creek at Pilottown Rd

8/16/2006	9:00	4.4	61%	None	None
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## Indian River

IR20: Bay Colony

8/14/2006	8:05	3.7	52%	None	None
8/21/2006	8:30	2.6	37%	None	None

IR21: Entrance to Boat House Pond, Indian River Bay

8/14/2006	7:55	3.4	47%	None	None
8/21/2006	7:50	4.2	60%	None	None

### Vines Creek

IR38: Vines Lane

8/15/2006	7:45	3.3	45%	None	None
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### White Creek

IR23: Bethany Marina

8/22/2006	9:15	4.4	64%	None	None
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IR29: Holly Terrace Acres Canal, White Creek

8/16/2006	8:00	3.2	46%	None	None
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## Lewes - Rehoboth Canal

RB02: Lewes - Rehoboth Canal at Lewes

8/14/2006	8:30	4.2	58%	None	None
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## Little Assawoman Bay

LA43: Fenwick Island Lagoon

8/15/2006	8:30	3.8	55%	None	None
8/22/2006	8:30	3.5	52%	None	None

LA44: Fenwick Island Cove

8/15/2006	7:30	4.4	63%	None	None
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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

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Macro Algae		
					ppm	% Saturation	On Shore?	In Water?	
<b>Little Assawoman Bay</b>									
		LA44: Fenwick Island Cove	8/22/2006	7:30	3.6	53%	None	None	
		LA45: Fenwick Island Bayside	8/15/2006	8:00	4.9	71%	None	None	
			8/22/2006	8:00	4.5	66%	None	None	
		<u>Dirickson Creek</u>							
		LA03: Mulberry Landing	8/21/2006	8:38	4.7	70%	None	None	
		<u>Jefferson Creek</u>							
		SB07: Layton Canal, South Bethany	8/12/2006	6:15	4.0	58%	None	None	
			8/19/2006	6:12	4.0	60%	None	None	
<b>Rehoboth Bay</b>									
		<u>Guinea Creek</u>							
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)	8/16/2006	8:15	2.7	38%	Minor	Minor	
		RB06: Guinea Creek (Winding Creek Village)	8/14/2006	8:30	4.8	64%	None	None	
			8/21/2006	8:30	4.2	59%	None	None	

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**Citizen Monitoring Program**