

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/24/2005 and 7/14/2005

Delaware Inland Bays 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

6/26/2005	8:15	4.3	56%	None	None
7/3/2005	8:10	4.3	59%	None	None
7/12/2005	7:55	4.1	21%	None	None

## Broadkill River

### Ingram Branch

BR10: Ingram Branch at Rt 319

6/29/2005	9:35	4.8	25%	None	None
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### Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

6/30/2005	17:40	3.6	47%	None	None
7/13/2005	12:55	4.0	21%	None	None

### Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

7/13/2005	10:50	3.9	20%	None	None
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## Delaware Bay

### Canary Creek

BR19: Canary Creek at New Road

6/24/2005	14:00	4.4	58%	Minor	Minor
7/1/2005	11:00	2.0	25%	Minor	None
7/8/2005	12:00	4.0	48%	None	None

## Indian River

IR20: Bay Colony

6/30/2005	8:50	3.1	42%	None	None
7/5/2005	8:40	4.7	66%	None	None
7/11/2005	8:15	4.6	61%	None	None

IR21: Inlet to Boat House Pond

6/28/2005	9:20	2.8	40%	None	None
7/11/2005	8:15	3.2	47%	None	None

\*\*Day after fish kill\*\*

RWPMVII: Holt's Landing Boat Ramp

7/12/2005	8:57	1.0	5%	None	Major
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### Tuckahoe Acres Marina

\*\*Day after fish kill\*\*

IR08: Tuckahoe Acres Marina boat ramp

7/12/2005	8:35	0.6	3%	None	None
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## Lewes - Rehoboth Canal

RB02: Lewes - Rehoboth Canal at Lewes

6/28/2005	8:48	4.4	62%	None	None
7/12/2005	8:45	4.1	60%	None	None

## Little Assawoman Bay

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.

### Delaware Inland Bays Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen ppm	% Saturation	Macro Algae On Shore?	In Water?
<b>Little Assawoman Bay</b>								
		LA43: Lagoon next to Henifin's house.						
			6/28/2005	8:42	3.5	48%	None	None
			7/12/2005	8:30	3.9	55%	None	None
		LA44: Henifin's oysters						
			6/28/2005	7:25	4.2	58%	None	None
			7/12/2005	7:25	4.6	64%	None	None
		LA45: Fenwick Island Bayside						
			6/28/2005	8:00	4.9	68%	None	None
			7/12/2005	9:00	4.7	65%	None	None
	<u>Dirickson Creek</u>							
		LA03: Mulberry Landing						
			7/11/2005	8:25	4.7	64%	None	None
<b>Rehoboth Bay</b>								
	<u>Arnell Creek</u>							
		RB01A: Lagoon (100m NE of RB-01)						
**Day of fish kill**			7/7/2005	10:45	0.0	0%	None	None
			7/7/2005	11:40	0.3	1%	None	None
			7/7/2005	11:45	0.0	0%	None	None
			7/7/2005	10:50	0.2	1%	None	None
	<u>Guinea Creek</u>							
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)						
			6/30/2005	8:30	5.0	66%	Minor	Minor
	<u>Love Creek</u>							
		RB34: Love Creek at Rt 24 Bridge						
			7/6/2005	9:15	4.2	53%	None	None

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

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