

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/29/2006 and 7/14/2006

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

7/3/2006	7:55	3.0	41%	None	None
7/10/2006	8:10	4.9	61%	None	None

Broadkill River

Ingram Branch

BR10: Ingram Branch at Rt 319

7/5/2006	9:55	3.4		None	None
7/12/2006	9:10	3.8		None	None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

7/4/2006	8:20	2.4	30%	None	None
7/10/2006	6:50	2.3	27%	None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

7/2/2006	9:00	2.7		None	None
7/9/2006	7:30	2.0		None	None

Delaware Bay

Canary Creek

BR40: Canary Creek at Pilottown Rd

7/5/2006	9:30	2.1	27%	None	None
----------	------	-----	-----	------	------

Indian River

IR20: Bay Colony

7/3/2006	8:40	4.5	64%	None	None
7/10/2006	8:20	4.0	54%	None	None

IR21: Entrance to Boat House Pond, Indian River Bay

7/3/2006	7:15	4.3	58%	None	None
----------	------	-----	-----	------	------

Vines Creek

IR38: Vines Lane

7/6/2006	8:15	3.9	53%	None	None
----------	------	-----	-----	------	------

White Creek

IR29: Holly Terrace Acres Canal, White Creek

7/5/2006	8:00	2.8	42%	None	None
7/12/2006	8:00	3.1	44%	None	None

Lewes - Rehoboth Canal

RB02: Lewes - Rehoboth Canal at Lewes

7/3/2006	8:30	4.6	63%	None	None
----------	------	-----	-----	------	------

Little Assawoman Bay

LA43: Fenwick Island Lagoon

7/4/2006	9:00	4.1	62%	None	None
----------	------	-----	-----	------	------

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?	
Little Assawoman Bay									
		LA44: Fenwick Island Cove							
			7/4/2006	7:52	4.6	68%	None	None	
			7/11/2006	7:35	4.8	68%	None	None	
		LA45: Fenwick Island Bayside							
			7/4/2006	8:15	3.8	56%	None	None	
	<u>Dirickson Creek</u>								
		LA03: Mulberry Landing							
			7/10/2006	8:40	5.0	70%	None	None	
	<u>Jefferson Creek</u>								
		SB07: Layton Canal, South Bethany							
			6/30/2006	7:08	1.0	14%	None	None	
			7/7/2006	7:12	4.2	56%	None	None	
		SB10E: SB: Russell Canal east dead end							
			6/29/2006	8:35	0.6	8%	None	Minor	
		SB10W: SB: Russell Canal west dead end							
			6/29/2006	8:50	1.6	23%	None	None	
	Rehoboth Bay								
		RB07: West Bay Park							
			7/4/2006	9:00	4.7	71%	None	None	
			7/11/2006	8:45	4.9	71%	None	None	
	<u>Guinea Creek</u>								
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
			6/30/2006	8:10	4.5	63%	Minor	Minor	
			7/6/2006	8:55	4.1	58%	None	None	

*** Small, localized fish kill ***

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