

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/29/2006 and 8/11/2006

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

7/31/2006	8:05	2.2	32%	None	None
8/7/2006	8:10	2.2	32%	None	None

Broadkill River

Ingram Branch

BR10: Ingram Branch at Rt 319

8/3/2006	9:05	4.9		None	None
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Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

8/5/2006	7:15	1.9	25%	None	None
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Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

7/30/2006	9:00	4.3		None	None
8/6/2006	8:00	1.8		None	None

Delaware Bay

Canary Creek

BR40: Canary Creek at Pilottown Rd

8/3/2006	9:10	3.0	45%	None	None
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Indian River

IR20: Bay Colony

8/8/2006	8:15	3.2	48%	None	None
8/10/2006	8:30	3.0	44%	None	None

IR21: Entrance to Boat House Pond, Indian River Bay

7/31/2006	7:00	2.8	42%	None	None
8/7/2006	7:45	4.1	61%	None	None

IR36B: James Farm, Pasture Point

8/8/2006	7:45	4.7	68%	None	None
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IR65: Inner part of lagoon at Bay Colony

8/10/2006	8:45	0.6	9%	None	None
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Vines Creek

IR38: Vines Lane

8/1/2006	8:20	2.8	42%	None	None
8/8/2006	8:05	3.4	51%	None	None

White Creek

IR23: Bethany Marina

8/8/2006	8:15	3.4	50%	None	None
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IR29: Holly Terrace Acres Canal, White Creek

8/2/2006	8:30	2.8	43%	None	None
8/9/2006	9:40	3.1	47%	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 ppm	% Saturation	Macro Algae On Shore?	In Water?
Lewes - Rehoboth Canal								
		RB02: Lewes - Rehoboth Canal at Lewes	7/31/2006	8:10	4.1	60%	None	None
Little Assawoman Bay								
		LA43: Fenwick Island Lagoon	8/1/2006	8:35	3.0	47%	None	None
			8/8/2006	8:30	2.1	32%	None	None
		LA44: Fenwick Island Cove	8/1/2006	7:35	3.7	57%	None	None
			8/8/2006	7:35	2.5	38%	None	None
		LA45: Fenwick Island Bayside	8/1/2006	8:00	3.5	54%	None	None
			8/8/2006	8:00	3.3	50%	None	None
<u>Dirickson Creek</u>								
		LA03: Mulberry Landing	8/7/2006	8:42	3.6	54%	None	None
<u>Jefferson Creek</u>								
		SB07: Layton Canal, South Bethany	7/29/2006	6:15	4.2	62%	None	None
			8/4/2006	6:45	4.6	72%	None	None
		SB10E: SB: Russell Canal east dead end	7/31/2006	8:55	0.4	6%	None	None
			8/7/2006	8:45	2.6	38%	None	None
Rehoboth Bay								
		RB07: West Bay Park	8/1/2006	11:15	5.0	78%	None	None
			8/8/2006	8:30	3.6	53%	None	None
<u>Guinea Creek</u>								
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)	8/2/2006	8:30	3.3	52%	None	Minor
			8/8/2006	8:15	2.5	38%	None	Minor
		RB60: Community Dock at Creek's End	8/7/2006	10:41	3.9	60%	None	None
<u>Love Creek</u>								
		RB34: Love Creek at Rt 24 Bridge	8/8/2006	9:15	4.5	65%	None	None

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