

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 9/16/2005 and 10/25/2005

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

9/19/2005	8:20	3.7	51%	None	None
9/26/2005	8:15	4.7	63%	None	None
10/17/2005	8:20	4.5	52%	None	None

Broadkill River

Deep Hole Creek

BR13: 2707 S. Bayshore Drive

9/19/2005	6:30	3.2	42%	None	None
10/3/2005	7:30	4.7	57%	None	None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

9/18/2005	10:30	3.1	42%	None	None
9/26/2005	8:00	2.5	28%	None	None
10/4/2005	8:30	2.4	28%	None	None
10/10/2005	8:50	4.0	44%	None	None
10/16/2005	9:00	3.2	34%	None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

9/17/2005	9:00	4.0		None	None
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Delaware Bay

Canary Creek

BR19: Canary Creek at New Road

9/16/2005	9:13	2.4	34%	None	Minor
9/24/2005	14:06	4.1	56%	None	None
10/9/2005	11:28	1.7	19%	None	None

BR40: Canary Creek at Pilottown Rd

9/21/2005	9:00	4.9	71%	None	None
9/29/2005	9:40	5.0	69%	None	None

Indian River

IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive

9/25/2005	10:00	5.0	68%	None	None
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IR20: Bay Colony

9/19/2005	8:15	4.4	61%	None	None
9/26/2005	8:20	3.8	51%	None	None

IR21: Inlet to Boat House Pond

9/19/2005	7:45	3.4	49%	None	None
9/26/2005	8:00	4.7	64%	None	None
10/17/2005	8:00	4.7	56%	None	None

Pot Nets Bayside

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.

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Water Body	Tributary	Site	Date	Time	Dissolved Oxygen ppm	% Saturation	Macro Algae On Shore?	In Water?
Indian River								
	<u>Pot Nets Bayside</u>							
		IR22: Crab Alley Marina #1						
Day of fish kill			10/6/2005	13:00	1.2	16%	None	None
	<u>White Creek</u>							
		IR23: Bethany Marina						
			9/20/2005	8:00	3.8	54%	None	None
		IR23A: Deadend of North Lagoon						
			9/20/2005	8:35	4.8	70%	None	None
		IR29: Holly Terrace Acres Canal - Stewart						
			9/16/2005	8:00	2.1	32%	None	None
			9/21/2005	8:30	2.5	35%	None	None
			10/6/2005	8:00	2.4	32%	None	None
			10/19/2005	8:30	5.0	59%	None	None
Little Assawoman Bay								
		LA43: Lagoon next to Henifin's house.						
			9/20/2005	8:30	4.6	66%	None	None
		LA44: Henifin's oysters						
			9/20/2005	7:30	4.8	69%	None	None
		LA45: Fenwick Island Bayside						
			9/20/2005	8:00	5.0	72%	None	None
Rehoboth Bay								
		RB07: West Bay Park						
			9/20/2005	8:35	4.8	69%	None	None
	<u>Guinea Creek</u>							
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)						
			9/16/2005	8:30	3.5	51%	None	None
		RB06: Guinea Creek (Winding Creek Village)						
			9/19/2005	7:45	4.4	61%	None	None
	<u>Love Creek</u>							
		RB34: Love Creek at Rt 24 Bridge						
			9/20/2005	9:00	4.3	54%	None	None
			9/29/2005	9:15	4.1	52%	None	None
			10/18/2005	9:30	4.9	54%	None	None

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