

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/23/2009 and 8/6/2009

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?

Assawoman Bay

Roy Creek

BA01: Keenwick on Bay, Roy Creek								
			7/28/2009	8:30	4.1	57%	Minor	None

Broadkill River

BR01: Broadkill river @ PEL dock.								
			7/29/2009	9:00	3.6	51%	None	None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond								
			7/28/2009	7:10	1.4	17%	None	None
			7/30/2009	12:20	3.6	48%	None	None
			8/2/2009	8:30	0.9	12%	None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters								
			7/29/2009	10:30	2.5		None	None
			7/30/2009	11:55	4.4	55%	None	Major
			8/5/2009	9:30	3.6		None	None

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road								
			7/23/2009	14:00	3.1	43%	None	None
BR40: Canary Creek at Pilottown Rd								
			7/29/2009	9:45	2.9	41%	None	None

Indian River

Indian River

IR03: Yellow Bank								
			7/27/2009	8:20	4.2	59%	None	None
			8/3/2009	7:17	3.5	49%	None	None
IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive								
			8/2/2009	10:00	4.7	73%	Minor	None
IR20: Bay Colony								
			7/28/2009	8:15	2.8	39%	None	None
IR21: Entrance to Boat House Pond, Indian River Bay								
			7/27/2009	7:50	3.9	55%	None	None
			8/3/2009	8:45	4.7	68%	None	None

Salt Pond

IR73: Western edge of Salt Pond								
			7/25/2009	7:30	3.2	47%	Minor	Major
			8/1/2009	7:30	3.0	44%	None	Minor

Vines Creek

The state instantaneous standard for Dissolved Oxygen is: the minimum shall not fall below 4.0 ppm.

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

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					ppm	% Saturation	On Shore?	In Water?
Indian River								
		<u>Vines Creek</u>						
		IR38: Vines Lane						
			7/28/2009	7:30	2.3	31%	None	None
			8/4/2009	7:45	4.5	65%	None	None
		<u>White Creek</u>						
		IR29: Holly Terrace Acres Canal, White Creek						
			7/28/2009	8:00	1.7	24%	None	None
			8/5/2009	8:00	2.5	36%	None	None
		IR32: Holly Terrace Acres Canal Dead End, White Creek						
			7/28/2009	10:25	3.1	44%	None	None
Little Assawoman Bay								
		LA43: Fenwick Island Lagoon						
			7/23/2009	8:33	3.1	43%	None	None
			7/28/2009	8:39	2.2	31%	None	None
			8/4/2009	8:37	4.3	62%	None	None
		LA44: Fenwick Island Cove						
			7/23/2009	7:31	4.4	62%	None	None
			7/28/2009	7:29	3.4	47%	None	None
			8/4/2009	7:30	4.3	62%	None	None
		LA45: Fenwick Island Bayside						
			7/23/2009	8:03	4.4	62%	None	None
			7/28/2009	8:05	3.6	51%	None	None
			8/4/2009	8:08	4.3	63%	None	None
		<u>Assawoman Canal</u>						
		LA10: Assawoman Canal @ Kent Ave Bridge						
			7/27/2009	7:15	2.5	34%	None	None
		<u>Dirickson Creek</u>						
		LA09: Dirickson Creek at Road 381 bridge.						
			7/27/2009	9:10	4.2	55%	None	None
		<u>Jefferson Creek</u>						
		SB01: Anchorage Canal @ Rt 1						
			7/28/2009	7:45	1.4	19%	None	None
			8/4/2009	7:35	2.4	34%	None	None
		SB02: Anchorage Canal near elbow						
			7/28/2009	7:58	3.4	46%	None	None
		SB04: Petherton canal/rt1						
			7/28/2009	7:36	3.7	49%	None	None
		SB05: Petherton canal, between lots 156 and 162						
			7/28/2009	7:24	3.0	41%	None	None
		SB07: Layton Canal, South Bethany						
			7/28/2009	7:09	2.9	40%	None	None
			8/4/2009	8:12	4.2	59%	None	None
		SB09: Carlisle canal						
			7/28/2009	6:48	2.8	39%	None	None
		SB10E: Russell Canal east dead end						

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Little Assawoman Bay								
<u>Jefferson Creek</u>								
		SB10E: Russell Canal east dead end						
			7/28/2009	8:07	1.2	17%	None	None
			8/4/2009	7:08	4.8	69%	None	None
		SB10W: Russell Canal west dead end						
			7/28/2009	8:28	2.1	30%	None	None
		SB12: Jefferson Canal West side @ tidal gage						
			7/28/2009	8:18	3.0	42%	None	None
			8/4/2009	6:35	4.5	64%	None	None
Rehoboth Bay								
		RB07: West Bay Park						
			7/28/2009	8:30	4.7	67%	None	None
			8/4/2009	8:30	3.4	50%	None	None
		<u>Guinea Creek</u>						
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)						
			7/30/2009	8:45	3.5	52%	Minor	Minor
			8/3/2009	8:45	2.7	40%	None	Minor
		<u>Lewes - Rehoboth Canal</u>						
		RB02: Lewes - Rehoboth Canal at Lewes						
			7/28/2009	8:30	3.4	49%	None	None
		RB08: Lewes City Dock						
			7/29/2009	7:22	4.3	63%	None	None

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