

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/6/2009 and 8/20/2009

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							
		8/11/2009	8:25	4.6	67%	Minor	Minor

Broadkill River

BR01: Broadkill river @ PEL dock.							
		8/12/2009	9:00	4.6	66%	None	None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond							
		8/12/2009	12:45	2.9	39%	None	None
		8/13/2009	8:45	1.5	19%	None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
		8/12/2009	10:00	4.1		None	None

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road							
		8/7/2009	11:17	2.6	33%	None	None
		8/12/2009	13:30	3.5	51%	None	None
BR40: Canary Creek at Pilottown Rd							
		8/12/2009	9:35	4.9	71%	None	None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, marina dock							
		8/11/2009	7:30	3.1		None	None

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
		8/10/2009	7:40	0.6	8%	None	None

Indian River

IR03: Yellow Bank							
		8/17/2009	8:41	3.7	54%	None	None
IR07: Holt's Landing State Park							
		8/11/2009	7:55	5.0	72%	None	None
IR20: Bay Colony							
		8/10/2009	8:10	4.9	69%	None	None
		8/17/2009	7:55	3.0	43%	None	None
IR21: Entrance to Boat House Pond, Indian River Bay							
		8/10/2009	7:50	3.7	54%	None	None
		8/17/2009	7:00	3.9	58%	None	None

Salt Pond

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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Water Body	Tributary	Site	Date	Time	Dissolved Oxygen ppm	% Saturation	Aquatic Vegetation On Shore?	In Water?
Indian River								
	<u>Salt Pond</u>							
		IR73: Western edge of Salt Pond						
		8/9/2009	7:30	3.9	56%	None	None	
	<u>Vines Creek</u>							
		IR38: Vines Lane						
		8/11/2009	7:40	4.5	64%	None	None	
		8/18/2009	8:30	3.8	55%	None	None	
	<u>White Creek</u>							
		IR29: Holly Terrace Acres Canal, White Creek						
		8/12/2009	8:00	3.3	48%	None	None	
Little Assawoman Bay								
	LA43: Fenwick Island Lagoon							
		8/11/2009	8:40	4.0	58%	None	None	
		8/18/2009	8:32	3.0	44%	None	None	
	LA44: Fenwick Island Cove							
		8/11/2009	7:30	3.6	52%	None	None	
		8/18/2009	7:33	3.9	56%	None	None	
	LA45: Fenwick Island Bayside							
		8/11/2009	8:00	3.8	55%	None	None	
		8/18/2009	8:03	3.9	57%	None	None	
	<u>Assawoman Canal</u>							
		LA10: Assawoman Canal @ Kent Ave Bridge						
		8/10/2009	7:20	3.1	42%	None	None	
	<u>Dirickson Creek</u>							
		LA03: Mulberry Landing						
		8/10/2009	8:18	4.1	58%	None	None	
	<u>Jefferson Creek</u>							
		SB01: Anchorage Canal @ Rt 1						
		8/11/2009	7:41	0.3	5%	None	None	
		8/18/2009	7:25	2.9	42%	None	None	
		SB02: Anchorage Canal near elbow						
		8/11/2009	8:08	3.5	51%	None	None	
		8/18/2009	7:41	4.3	62%	None	None	
		SB04: Petherton canal/rt1						
		8/11/2009	7:34	2.3	33%	None	None	
		8/18/2009	7:20	3.6	51%	None	None	
		SB05: Petherton canal, between lots 156 and 162						
		8/11/2009	7:55	4.1	58%	None	None	
		8/18/2009	7:10	4.5	64%	None	None	
		SB07: Layton Canal, South Bethany						
		8/11/2009	7:21	3.9	56%	None	None	
		8/18/2009	8:15	4.3	62%	None	None	
		SB09: Carlisle canal						
		8/11/2009	7:04	2.8	40%	None	None	
		8/18/2009	7:53	3.1	44%	None	None	

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Little Assawoman Bay								
<u>Jefferson Creek</u>								
		SB10E: Russell Canal east dead end						
			8/11/2009	8:34	2.0	28%	None	None
			8/18/2009	7:47	2.8	40%	None	None
		SB10W: Russell Canal west dead end						
			8/11/2009	8:17	1.3	19%	None	None
			8/18/2009	8:06	2.6	38%	None	None
		SB12: Jefferson Canal West side @ tidal gage						
			8/11/2009	8:25	3.9	55%	None	None
			8/18/2009	7:58	4.6	66%	None	None
Rehoboth Bay								
		RB07: West Bay Park						
			8/11/2009	8:30	4.0	58%	None	None
			8/18/2009	8:30	4.5	67%	None	None
		<u>Bald Eagle Creek</u>						
		RB46: Torquay Canal at East bulkhead on Land's End.						
			8/10/2009	8:09	2.7	39%	None	None
		<u>Guinea Creek</u>						
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)						
			8/12/2009	8:15	4.2	64%	None	Minor
		RB06: Guinea Creek (Winding Creek Village)						
			8/10/2009	8:30	4.7	64%	None	None
		<u>Herring Creek</u>						
		RB04: Herring Creek, Mid-Section						
			8/11/2009	7:50	4.9	71%	None	None
		<u>Lewes - Rehoboth Canal</u>						
		RB02: Lewes - Rehoboth Canal at Lewes						
			8/11/2009	8:30	4.3	63%	None	None
		RB08: Lewes City Dock						
			8/13/2009	8:42	3.7	53%	None	None

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