

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/22/2008 and 9/4/2008

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

8/26/2008	9:10	4.1	59%	None	Minor
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Broadkill River

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

8/24/2008	8:30	2.6	32%	None	None
9/1/2008	7:35	1.5	18%	None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

8/24/2008	10:30	4.5		None	None
8/31/2008	10:15	3.9		None	None

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road

8/28/2008	10:01	2.1	28%	None	None
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Indian River

IR03: Yellow Bank

8/24/2008	8:10	4.3	62%	Minor	Major
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Assawoman Canal

IR50: Assawoman Canal at N end, marina dock

8/25/2008	9:21	3.6	52%	None	None
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Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

8/25/2008	8:58	1.3	17%	None	None
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IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.

8/25/2008	9:09	2.1	30%	None	None
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Indian River

IR07: Holt's Landing State Park

8/26/2008	8:56	5.0	69%	None	None
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IR20: Bay Colony

9/2/2008	8:15	4.2	58%	None	None
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IR21: Entrance to Boat House Pond, Indian River Bay

8/25/2008	7:10	3.2	46%	None	None
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Vines Creek

IR38: Vines Lane

8/26/2008	8:00	4.7	65%	None	None
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White Creek

IR29: Holly Terrace Acres Canal, White 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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Water Body	Tributary	Site	Date	Time	Dissolved Oxygen ppm	% Saturation	Aquatic Vegetation On Shore?	In Water?
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Indian River

White Creek

IR29: Holly Terrace Acres Canal, White Creek								
			8/27/2008	7:30	3.7	52%	None	None
			9/3/2008	7:30	2.3	32%	None	None
IR32: Holly Terrace Acres Canal Dead End, White Creek								
			8/26/2008	9:50	4.1	59%	None	None
IR59: White Creek - west prong near Food Lion								
			8/25/2008	9:42	3.4	48%	None	None
IR60A: Ocean View; E Branch of White Creek								
			8/25/2008	9:36	3.3	46%	None	None

Little Assawoman Bay

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge								
			8/25/2008	8:30	4.1	57%	None	None

Dirickson Creek

LA03: Mulberry Landing								
			8/25/2008	8:30	4.9	70%	None	None
LA09: Dirickson Creek at Road 381 bridge.								
			8/25/2008	9:23	3.4	47%	None	None
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd								
			8/26/2008	8:50	3.0	42%	None	None

Jefferson Creek

SB01: Anchorage Canal @ Rt 1								
			8/26/2008	8:10	3.0	42%	None	None
			9/2/2008	11:00	4.2	59%	None	None
SB02: Anchorage Canal near elbow								
			8/26/2008	8:00	3.9	55%	None	None
			9/2/2008	8:00	4.0	57%	None	None
SB04: Petherton canal/rt1								
			8/26/2008	7:20	1.9	26%	None	None
			9/2/2008	7:30	2.5	34%	None	None
SB07: Layton Canal, South Bethany								
			8/25/2008	6:20	4.4	63%	None	None
			9/1/2008	7:05	4.0	57%	None	None
SB09: Carlisle canal								
			8/26/2008	8:00	3.0	41%	None	None
			9/2/2008	7:55	3.1	43%	None	None
SB10W: Russell Canal west dead end								
			8/26/2008	9:35	2.3	32%	None	None
			9/2/2008	8:45	2.3	33%	None	None
SB12: Jefferson Canal West side @ tidal gage								
			8/26/2008	7:00	3.7	52%	None	None

Miller Creek

LA31: Double Bridges road bridge at Plantation Park								
			8/26/2008	8:30	2.7	36%	None	None

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Water Body	Tributary	Site	Date	Time	Dissolved Oxygen ppm	% Saturation	Aquatic Vegetation On Shore?	In Water?
Little Assawoman Bay								
	<u>Williams Creek</u>							
		LA21: Williams Creek tributary, bridge on Rd 364a						
			8/25/2008	9:05	2.3	31%	None	None
Rehoboth Bay								
	<u>Arnell Creek</u>							
		AC2S: DNREC Site, Arnell Creek, surface sample						
			9/4/2008	9:35	4.3	62%	None	None
	<u>Bald Eagle Creek</u>							
		RB46: Torquay Canal at East bulkhead on Land's End.						
			8/29/2008	9:05	2.5	35%	None	None
	**** Fish Kill	RB64: Torquay Canal, west side of Land's End near UD Site #1						
			8/29/2008	9:00	0.6	8%	None	None
		RB69: Torquay Canal DNREC site. TC1						
			9/4/2008	8:54	4.3	62%	None	None
	<u>Guinea Creek</u>							
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)						
			8/27/2008	9:35	4.1	59%	None	None
	<u>Lewes - Rehoboth Canal</u>							
		RB02: Lewes - Rehoboth Canal at Lewes						
			9/2/2008	8:20	4.6	65%	None	None

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