

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/25/2007 and 10/3/2007

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

9/11/2007	9:05	3.6	54%	None	None
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Broadkill River

BR01: Broadkill river @ PEL dock.

9/19/2007	8:45	4.9	65%	None	None
10/3/2007	9:00	4.1	56%	None	None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

8/26/2007	8:05	1.5	19%	None	None
9/1/2007	7:45	1.6	19%	None	None
9/9/2007	8:10	1.8	23%	None	None
9/15/2007	7:45	2.4	25%	None	None
9/23/2007	7:45	2.5	31%	None	None
9/30/2007	8:10	1.8	20%	None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

8/26/2007	12:15	4.0		None	None
9/16/2007	10:15	4.0		None	None
9/23/2007	12:00	3.8		None	None
9/29/2007	9:00	3.1		None	None

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road

8/29/2007	9:07	2.4	33%	None	None
9/6/2007	9:22	2.5	34%	None	None
9/12/2007	10:03	2.4	33%	None	None
9/19/2007	9:03	2.6	32%	None	None
9/26/2007	9:19	2.8	37%	None	None

BR40: Canary Creek at Pilottown Rd

9/5/2007	9:30	3.1	44%	None	None
9/19/2007	9:15	4.9	63%	None	None

Indian River

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

9/2/2007	10:00	4.8	71%	None	None
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Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

8/28/2007	8:15	1.6	24%	None	None
9/17/2007	9:28	2.6	34%	None	None

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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Indian River

Bethany Loop Canal

IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.								
			9/18/2007	8:09	2.2	29%	None	None

Indian River

IR07: Holt's Landing State Park								
			9/4/2007	8:22	4.7	66%	None	None

IR20: Bay Colony								
			8/31/2007	8:45	3.7	53%	None	None
			9/4/2007	8:10	2.8	40%	None	None
			9/10/2007	8:25	4.2	61%	None	None
			9/17/2007	8:20	3.6	44%	None	None
			9/24/2007	8:35	4.2	55%	None	None
			10/2/2007	8:40	3.4	45%	None	None

IR21: Entrance to Boat House Pond, Indian River Bay								
			8/27/2007	8:00	4.6	69%	None	None
			9/3/2007	7:00	3.0	42%	None	None
			9/10/2007	7:25	4.0	59%	None	None

Vines Creek

IR38: Vines Lane								
			8/29/2007	8:07	3.5	50%	None	None
			9/5/2007	7:45	4.6	64%	None	None
			9/12/2007	13:30	4.7	70%	None	None
			10/3/2007	7:50	4.6	60%	None	None

White Creek

IR29: Holly Terrace Acres Canal, White Creek								
			8/29/2007	8:30	4.3	64%	None	None
			9/5/2007	8:15	2.7	39%	None	None
			9/12/2007	8:00	2.7	39%	None	None
			9/19/2007	8:00	3.7	49%	None	None

IR32: Holly Terrace Acres Canal Dead End, White Creek								
			8/29/2007	8:40	3.1	46%	None	None
			8/30/2007	8:40	3.0	44%	None	None
			8/31/2007	8:43	2.3	33%	None	None
			9/4/2007	8:52	0.9	12%	None	None
			9/11/2007	10:22	3.6	54%	None	None

IR59: White Creek - west prong near Food Lion								
			9/19/2007	8:30	3.4	41%	None	None

IR60A: 4 Cristy Lane, Ocean View; E Branch of White Creek								
			9/19/2007	8:21	3.4	42%	None	None

Little Assawoman Bay

LA43: Fenwick Island Lagoon								
			8/28/2007	8:35	3.3	50%	None	None
			9/11/2007	8:40	3.2	49%	None	None
			9/25/2007	8:34	3.8	53%	None	None

LA44: Fenwick Island Cove								
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Little Assawoman Bay

LA44: Fenwick Island Cove								
			8/28/2007	7:40	4.3	64%	None	None
			9/11/2007	7:45	3.9	59%	None	None
			9/25/2007	7:37	4.8	68%	None	None
LA45: Fenwick Island Bayside								
			8/28/2007	8:10	4.3	64%	None	None
			9/11/2007	8:12	4.3	65%	None	None

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge								
			8/27/2007	8:00	4.0	60%	None	None
			9/17/2007	8:20	4.4	57%	None	None
			10/1/2007	8:20	4.3	58%	None	None

Dirickson Creek

LA20: Swann Keys: boat ramp at S end of Blue Teal Rd								
			9/18/2007	9:10	3.7	49%	None	None

Jefferson Creek

SB04: SB: Petherton canal/rt1								
			8/27/2007	9:08	3.4	50%	None	None
			9/17/2007	9:15	4.3	56%	None	None
SB07: Layton Canal, South Bethany								
			8/25/2007	6:43	4.4	64%	None	None
			9/1/2007	6:30	4.3	63%	None	None
			9/8/2007	6:42	3.6	54%	None	None
			9/15/2007	7:35	3.4	48%	None	None
			9/29/2007	6:40	4.2	59%	None	None
SB10E: SB: Russell Canal east dead end								
			9/17/2007	9:00	2.1	29%	None	None
SB10W: SB: Russell Canal west dead end								
			9/17/2007	8:48	2.4	33%	None	None

Miller Creek

LA31: Double Bridges road bridge at Plantation Park								
			9/18/2007	8:29	3.0	38%	None	None

Williams Creek

LA21: Williams Creek tributary, bridge on Rd 364a								
			9/18/2007	8:50	1.7	21%	None	None

Rehoboth Bay

RB07: West Bay Park								
			9/11/2007	8:30	4.8	72%	None	None

Bald Eagle Creek

RB69: Torquay Canal DNREC site. TC1								
			8/30/2007	10:05	4.8	70%	None	None

Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)								
			8/30/2007	7:50	3.7	51%	None	None
			9/8/2007	7:55	2.7	38%	Minor	None

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Rehoboth Bay								
<u>Guinea Creek</u>								
RB06: Guinea Creek (Winding Creek Village)								
			9/3/2007	9:00	4.5	59%	None	None
			9/10/2007	8:30	4.0	57%	None	None
<u>Lewes - Rehoboth Canal</u>								
RB02: Lewes - Rehoboth Canal at Lewes								
			9/4/2007	8:15	4.4	62%	None	None
			9/11/2007	8:00	4.6	67%	None	None
			10/1/2007	8:30	4.5	60%	None	None

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