

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 9/9/2009 and 10/11/2009

University of Delaware Citizen Monitoring Program

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

Broadkill River

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

9/13/2009	8:05	2.7	30%	None	None
9/16/2009	11:55	2.2	27%	None	None
9/20/2009	8:35	3.3	35%	None	None
10/4/2009	7:50	2.7	29%	None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

9/23/2009	12:00	4.0	48%	Minor	Minor
9/27/2009	10:30	4.3		None	None

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road

9/17/2009	13:40	4.0	50%	None	None
10/1/2009	10:05	3.0	32%	None	None
10/8/2009	17:00	4.9	56%	None	None

Indian River

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

9/14/2009	7:43	3.0	34%	None	None
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Indian River

IR20: Bay Colony

9/15/2009	8:00	3.7	46%	None	None
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Salt Pond

IR73: Western edge of Salt Pond

9/12/2009	7:45	4.9	61%	None	None
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Vines Creek

IR38: Vines Lane

9/15/2009	7:30	4.8	60%	None	None
9/22/2009	8:00	4.8	57%	None	None
9/29/2009	8:00	4.5	57%	None	None

White Creek

IR29: Holly Terrace Acres Canal, White Creek

9/9/2009	8:00	1.8	24%	None	None
9/16/2009	8:30	3.5	46%	None	None

IR32: Holly Terrace Acres Canal Dead End, White Creek

9/15/2009	10:20	4.8	62%	None	None
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Little Assawoman Bay

Assawoman Canal

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?
Little Assawoman Bay								
<u>Assawoman Canal</u>								
LA10: Assawoman Canal @ Kent Ave Bridge								
			9/14/2009	7:20	4.2	52%	None	None
<u>Dirickson Creek</u>								
LA09: Dirickson Creek at Road 381 bridge.								
			9/14/2009	9:10	3.2	37%	None	None
<u>Jefferson Creek</u>								
SB01: Anchorage Canal @ Rt 1								
			9/29/2009	7:35	3.5	45%	None	None
SB10E: Russell Canal east dead end								
			9/29/2009	7:50	4.5	56%	None	None
Rehoboth Bay								
<u>Guinea Creek</u>								
RB05: Mouth of Guinea Creek (Pot Nets Creekside)								
			9/12/2009	9:15	4.3	52%	None	None
			9/14/2009	11:35	4.9	63%	Minor	Minor
			9/22/2009	8:40	4.6	63%	Minor	Minor
RB06: Guinea Creek (Winding Creek Village)								
			9/9/2009	8:30	3.9	49%	None	None
			9/14/2009	7:30	4.5	51%	None	None
			9/21/2009	7:00	4.7	56%	None	None
<u>Lewes - Rehoboth Canal</u>								
RB02: Lewes - Rehoboth Canal at Lewes								
			9/28/2009	8:30	4.2	53%	None	None
			9/28/2009	8:30	4.2	53%	None	None
RB08: Lewes City Dock								
			9/11/2009	13:49	4.0	51%	None	None
			9/16/2009	10:52	3.0	41%	None	None
			9/29/2009	12:30	3.8	50%	None	None
			10/8/2009	12:04	4.2	54%	None	None
<u>Love Creek</u>								
RB34: Love Creek at Rt 24 Bridge								
			9/14/2009	8:32	3.4	42%	None	None

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