

Low Dissolved Oxygen

Less than 5.0 ppm

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

University of Delaware Citizen Monitoring Program

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

Broadkill River

BR01: Broadkill river @ PEL dock.							
		7/15/2009	9:00	3.8	52%	None	None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond							
		7/14/2009	6:30	1.0	12%	None	None
		7/15/2009	12:35	2.7	34%	None	None
		7/19/2009	8:30	1.5	19%	None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
		7/8/2009	10:30	3.1		None	None
		7/15/2009	9:30	4.0		None	None

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road							
		7/8/2009	12:44	4.8	65%	None	None
		7/15/2009	12:40	2.9	39%	None	None
BR40: Canary Creek at Pilottown Rd							
		7/15/2009	9:30	4.1	56%	None	None

Indian River

IR03: Yellow Bank							
		7/19/2009	8:05	3.9	54%	None	None

Indian River

IR20: Bay Colony							
		7/14/2009	7:40	4.6	62%	None	None
		7/20/2009	7:40	3.2	44%	None	None
IR21: Entrance to Boat House Pond, Indian River Bay							
		7/13/2009	7:10	3.3	47%	None	None

Salt Pond

IR73: Western edge of Salt Pond							
		7/12/2009	7:45	4.1	58%	None	None
		7/18/2009	7:45	3.1	46%	None	None

Vines Creek

IR38: Vines Lane							
		7/22/2009	7:45	3.0	42%	None	None

White Creek

IR29: Holly Terrace Acres Canal, White Creek							
		7/8/2009	8:30	3.9	54%	None	None
		7/14/2009	8:30	3.3	46%	None	None
		7/22/2009	8:30	1.5	21%	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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Water Body	Tributary	Site	Date	Time	Dissolved Oxygen ppm	% Saturation	Aquatic Vegetation On Shore?	In Water?
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Little Assawoman Bay

LA43: Fenwick Island Lagoon			7/23/2009	8:33	3.1	43%	None	None
LA44: Fenwick Island Cove			7/23/2009	7:31	4.4	62%	None	None
LA45: Fenwick Island Bayside			7/23/2009	8:03	4.4	62%	None	None

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge			7/13/2009	7:20	2.7	36%	None	None
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Dirickson Creek

LA03: Mulberry Landing			7/13/2009	8:15	3.7	51%	None	None
LA09: Dirickson Creek at Road 381 bridge.			7/13/2009	8:55	3.4	44%	None	None

Jefferson Creek

SB01: Anchorage Canal @ Rt 1			7/14/2009	7:13	3.2	44%	None	None
			7/21/2009	7:34	2.4	33%	None	None
SB02: Anchorage Canal near elbow			7/14/2009	7:00	4.2	58%	None	None
			7/21/2009	7:42	4.1	57%	None	None
SB04: Petherton canal/rt1			7/14/2009	7:21	3.1	43%	None	None
			7/21/2009	7:29	3.7	51%	None	None
SB05: Petherton canal, between lots 156 and 162			7/14/2009	7:32	4.1	57%	None	None
			7/21/2009	7:22	4.3	60%	None	None
SB07: Layton Canal, South Bethany			7/14/2009	7:42	4.6	64%	None	None
			7/21/2009	7:13	4.3	60%	None	None
SB09: Carlisle canal			7/14/2009	7:55	3.4	47%	None	None
			7/21/2009	7:04	2.9	41%	None	None
SB10E: Russell Canal east dead end			7/14/2009	8:07	3.6	50%	None	None
			7/21/2009	7:47	2.6	36%	None	None
SB10W: Russell Canal west dead end			7/14/2009	8:24	3.3	46%	None	None
			7/21/2009	8:01	1.9	27%	None	None
SB12: Jefferson Canal West side @ tidal gage			7/14/2009	8:47	4.5	62%	None	None
			7/21/2009	7:55	4.5	63%	None	None

Rehoboth Bay

RB07: West Bay Park			7/14/2009	8:30	4.8	69%	None	None
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Guinea Creek

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

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Rehoboth Bay								
<u>Guinea Creek</u>								
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)						
			7/15/2009	8:40	4.7	67%	None	Minor
		RB06: Guinea Creek (Winding Creek Village)						
			7/14/2009	7:00	4.6	63%	None	None
<u>Lewes - Rehoboth Canal</u>								
		RB02: Lewes - Rehoboth Canal at Lewes						
			7/14/2009	8:35	4.2	59%	None	None

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