

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/17/2009 and 7/8/2009

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

6/25/2009	12:55	1.7	22%	None	None
6/28/2009	7:30	1.4	17%	None	None
7/5/2009	8:05	1.2	14%	None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

6/19/2009	11:30	3.3		None	None
6/24/2009	11:30	3.8		None	None
6/25/2009	12:32	3.9	50%	None	None
7/4/2009	10:30	4.3		None	None

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road

6/17/2009	10:26	2.6	31%	None	None
6/24/2009	14:30	3.0	40%	None	None

BR40: Canary Creek at Pilottown Rd

7/1/2009	9:20	4.9	67%	None	None
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Indian River

IR03: Yellow Bank

7/6/2009	7:54	4.1	56%	None	None
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Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

6/22/2009	8:06	3.9	45%	None	None
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Indian River

IR04: Warwick Cove

6/22/2009	9:20	4.3	56%	None	None
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IR20: Bay Colony

6/23/2009	8:10	4.2	54%	None	None
6/29/2009	8:05	2.8	38%	None	None

IR21: Entrance to Boat House Pond, Indian River Bay

6/29/2009	8:15	3.3	46%	None	None
7/6/2009	7:10	4.6	63%	None	None

Salt Pond

IR73: Western edge of Salt Pond

6/27/2009	7:40	4.9	68%	None	Minor
7/5/2009	7:45	3.9	55%	None	None

Vines Creek

IR38: Vines Lane

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>Vines Creek</u>							
	IR38: Vines Lane							
			6/23/2009	7:30	3.3	41%	None	None
			6/30/2009	7:30	4.6	64%	None	None
			7/7/2009	7:30	4.3	57%	None	None
	<u>White Creek</u>							
	IR29: Holly Terrace Acres Canal, White Creek							
			7/1/2009	9:00	4.3	62%	None	None
			7/8/2009	8:30	3.9	54%	None	None
Little Assawoman Bay								
	LA43: Fenwick Island Lagoon							
			7/7/2009	8:37	4.0	55%	None	None
	LA44: Fenwick Island Cove							
			7/7/2009	7:31	4.9	67%	None	None
	<u>Assawoman Canal</u>							
	LA10: Assawoman Canal @ Kent Ave Bridge							
			6/22/2009	7:30	3.5	44%	None	None
	<u>Jefferson Creek</u>							
	SB01: Anchorage Canal @ Rt 1							
			6/19/2009	7:45	4.3	57%	None	None
			6/30/2009	7:28	4.5	57%	None	None
			7/7/2009	7:43	2.0	27%	None	None
	SB02: Anchorage Canal near elbow							
			7/7/2009	7:55	4.6	63%	None	None
	SB04: Petherton canal/rt1							
			6/30/2009	7:23	3.8	51%	None	None
			7/7/2009	7:36	3.8	51%	None	None
	SB05: Petherton canal, between lots 156 and 162							
			7/7/2009	7:22	4.7	64%	None	None
	SB07: Layton Canal, South Bethany							
			7/7/2009	7:12	4.9	66%	None	None
	SB09: Carlisle canal							
			6/30/2009	7:05	4.1	55%	None	None
			7/7/2009	6:47	3.1	42%	None	None
	SB10E: Russell Canal east dead end							
			6/30/2009	7:50	3.4	46%	None	None
			7/7/2009	8:01	1.7	23%	None	None
	SB10W: Russell Canal west dead end							
			6/30/2009	7:56	3.4	46%	None	None
			7/7/2009	8:20	2.8	38%	None	None
	SB12: Jefferson Canal West side @ tidal gage							
			7/7/2009	8:10	4.7	64%	None	None
Rehoboth Bay								
	RB07: West Bay Park							
			6/23/2009	8:30	4.4	59%	None	None

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Rehoboth Bay								
		RB07: West Bay Park						
			7/7/2009	8:45	4.9	70%	None	None
	<u>Guinea Creek</u>							
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)						
			6/22/2009	11:57	4.8	64%	Minor	Minor
			6/28/2009	9:30	4.9	68%	None	None
		RB06: Guinea Creek (Winding Creek Village)						
			7/6/2009	7:00	4.8	61%	None	None
	<u>Lewes - Rehoboth Canal</u>							
		RB02: Lewes - Rehoboth Canal at Lewes						
			6/23/2009	8:25	3.7	48%	None	None

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