

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/19/2009 and 9/10/2009

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							
		8/25/2009	8:55	3.6	52%	Minor	Minor

## Broadkill River

BR01: Broadkill river @ PEL dock.							
		8/26/2009	9:00	3.0	43%	None	None
		8/26/2009	9:00	3.0	43%	None	None

### Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond							
		8/30/2009	7:00	1.5	19%	None	None
		9/5/2009	8:00	2.0	23%	None	None

### Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
		8/26/2009	10:00	4.3		None	None
		9/2/2009	10:00	4.6		None	None

## Delaware Bay

### Canary Creek

BR40: Canary Creek at Pilottown Rd							
		8/26/2009	9:30	3.3	47%	None	None

## Indian River

### Assawoman Canal

IR50: Assawoman Canal at N end, marina dock							
		8/25/2009	7:25	3.2	47%	None	None

### Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
		8/24/2009	7:49	2.6	35%	None	None

### Indian River

IR03: Yellow Bank							
		8/25/2009	8:32	3.7	54%	None	None
		8/30/2009	8:31	2.7	38%	None	None
		9/7/2009	8:23	4.3	58%	None	None
IR07: Holt's Landing State Park							
		8/25/2009	7:45	3.3	47%	None	None
IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							
		8/22/2009	10:00	4.8	72%	None	None
		8/30/2009	10:00	4.7	67%	None	None
IR20: Bay Colony							
		9/1/2009	8:45	2.6	34%	None	None
		9/7/2009	8:15	3.8	51%	None	None

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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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<b>Indian River</b>								
		<u>Indian River</u>						
		IR21: Entrance to Boat House Pond, Indian River Bay						
			8/24/2009	8:15	3.9	57%	None	None
			8/31/2009	7:25	4.7	66%	None	None
		<u>Salt Pond</u>						
		IR73: Western edge of Salt Pond						
			8/22/2009	7:30	3.5	53%	None	None
			8/31/2009	7:30	3.0	43%	None	None
		<u>Vines Creek</u>						
		IR38: Vines Lane						
			8/25/2009	7:30	2.0	27%	None	None
			9/1/2009	7:45	3.0	40%	None	None
			9/8/2009	8:15	4.1	54%	None	None
		<u>White Creek</u>						
		IR29: Holly Terrace Acres Canal, White Creek						
			8/19/2009	8:00	2.2	33%	None	None
			8/26/2009	8:30	2.7	39%	None	None
			9/2/2009	8:30	2.4	33%	None	None
			9/9/2009	8:00	1.8	24%	None	None
		IR32: Holly Terrace Acres Canal Dead End, White Creek						
			8/25/2009	10:17	3.0	43%	None	None
<b>Little Assawoman Bay</b>								
		LA43: Fenwick Island Lagoon						
			8/25/2009	8:30	3.8	54%	None	None
			9/1/2009	8:27	4.2	55%	None	None
			9/8/2009	8:37	4.3	57%	None	None
		LA44: Fenwick Island Cove						
			8/25/2009	7:34	4.1	57%	None	None
		LA45: Fenwick Island Bayside						
			8/25/2009	8:00	4.2	59%	None	None
		<u>Assawoman Canal</u>						
		LA10: Assawoman Canal @ Kent Ave Bridge						
			8/24/2009	7:15	2.7	38%	None	None
		<u>Dirickson Creek</u>						
		LA03: Mulberry Landing						
			8/31/2009	8:20	4.1	58%	None	None
		<u>Jefferson Creek</u>						
		SB01: Anchorage Canal @ Rt 1						
			8/25/2009	7:12	0.5	7%	None	None
			9/1/2009	7:32	0.3	5%	None	None
			9/8/2009	7:33	2.7	36%	None	None
		SB02: Anchorage Canal near elbow						
			8/25/2009	7:02	2.9	42%	None	None
			9/1/2009	7:55	1.5	20%	None	None
			9/8/2009	7:46	4.2	56%	None	None

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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**

Jefferson Creek

SB04: Petherton canal/rt1

8/25/2009	7:22	1.6	23%	None	None
9/1/2009	7:25	1.9	26%	None	None
9/8/2009	7:29	2.8	38%	None	None

SB05: Petherton canal, between lots 156 and 162

8/25/2009	7:41	3.2	48%	None	None
9/1/2009	7:40	2.1		None	None
9/8/2009	7:22	4.0	53%	None	None

SB07: Layton Canal, South Bethany

8/25/2009	7:49	3.7	53%	None	None
9/1/2009	7:18	2.4	33%	None	None
9/8/2009	7:12	4.1	55%	None	None

SB09: Carlisle canal

8/25/2009	7:57	1.4	20%	None	None
9/1/2009	7:00	2.3	31%	None	None
9/8/2009	6:55	2.5	34%	None	None

SB10E: Russell Canal east dead end

8/25/2009	8:12	0.5	7%	None	None
9/1/2009	8:24	0.0	0%	None	None
9/8/2009	7:53	1.5	20%	None	None

SB10W: Russell Canal west dead end

8/25/2009	8:28	0.5	7%	None	None
9/1/2009	8:19	0.6	8%	None	None
9/8/2009	8:10	3.0	40%	None	None

SB12: Jefferson Canal West side @ tidal gage

8/25/2009	8:20	3.4	50%	None	None
9/1/2009	8:13	3.0	41%	None	None
9/8/2009	8:02	3.9	53%	None	None

**Rehoboth Bay**

RB07: West Bay Park

8/25/2009	8:30	4.1	60%	None	None
9/1/2009	8:30	4.1	54%	None	None

Bald Eagle Creek

RB46: Torquay Canal at East bulkhead on Land's End.

8/24/2009	8:15	1.4	21%	None	None
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Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)

8/20/2009	7:40	3.9	59%	Minor	Minor
8/24/2009	11:30	3.9	57%	Minor	Minor
8/26/2009	8:40	3.2	47%	None	Minor
9/2/2009	8:30	4.3	55%	None	None

RB06: Guinea Creek (Winding Creek Village)

8/24/2009	7:30	3.0	42%	None	None
9/1/2009	7:00	3.9	53%	None	None

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<b>Rehoboth Bay</b>								
	<u>Guinea Creek</u>							
		RB06: Guinea Creek (Winding Creek Village)						
		9/9/2009	8:30	3.9	49%	None	None	
	<u>Lewes - Rehoboth Canal</u>							
		RB02: Lewes - Rehoboth Canal at Lewes						
		8/25/2009	8:30	4.1	60%	None	None	
		RB08: Lewes City Dock						
		8/21/2009	8:11	2.6	40%	None	None	
		8/26/2009	7:54	2.4	36%	None	None	
		9/2/2009	7:55	4.8	65%	None	None	
	<u>Love Creek</u>							
		RB34: Love Creek at Rt 24 Bridge						
		8/24/2009	8:34	3.1	40%	None	None	

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