

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 4/28/2008 and 5/31/2008

University of Delaware Citizen Monitoring Program

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

## Broadkill River

### Ingram Branch

BR10: Ingram Branch at Rt 319

5/21/2008	9:15	4.3			None	None
5/28/2008	9:45	3.7			None	None

### Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

5/3/2008	8:15	4.3	48%		None	None
5/11/2008	8:30	3.1	34%		None	None
5/31/2008	8:25	4.9	59%		None	None

### Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

5/7/2008	12:20	4.3	49%		None	Minor
5/11/2008	10:30	3.9			None	None

## Delaware Bay

### Canary Creek

BR19: Canary Creek at New Road

5/7/2008	9:30	3.8	45%		None	None
5/22/2008	9:28	3.9	42%		None	None

## Indian River

### Bethany Loop Canal

IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.

5/6/2008	8:49	4.2	52%		None	Minor
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### Indian River

IR04: Warwick Cove

5/6/2008	10:05	2.2	27%		None	None
5/7/2008	13:48	3.7	48%		None	None

IR20: Bay Colony

5/5/2008	8:05	4.0	47%		None	None
5/19/2008	8:10	4.9	56%		None	None

### Pepper Creek

\*\*\*Fish Kill\*\*\* IR72B: Pepper Creek near Red "10"

5/7/2008	11:30	1.7	22%		None	None
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### Vines Creek

IR38: Vines Lane

5/7/2008	7:35	3.0	36%		None	None
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### White Creek

IR29: Holly Terrace Acres Canal, White Creek

5/21/2008	7:30	3.5	41%		None	None
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IR59: White Creek - west prong near Food Lion

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?
<b>Indian River</b>								
	<u>White Creek</u>							
		IR59: White Creek - west prong near Food Lion	5/7/2008	8:06	2.9	35%	None	Minor
		IR60A: Ocean View; E Branch of White Creek	5/7/2008	8:18	2.8	35%	None	Minor
<b>Little Assawoman Bay</b>								
		LA43: Fenwick Island Lagoon	5/27/2008	8:30	4.4	55%	None	None
	<u>Assawoman Canal</u>							
		LA10: Assawoman Canal @ Kent Ave Bridge	5/19/2008	8:00	4.7	49%	None	None
	<u>Jefferson Creek</u>							
		SB04: Petherton canal/rt1	4/30/2008	9:35	3.2	38%	None	None
		SB09: Carlisle canal	4/30/2008	10:44	4.4		None	None
	<u>Williams Creek</u>							
		LA21: Williams Creek tributary, bridge on Rd 364a	5/19/2008	8:46	3.9	40%	None	None
<b>Silver Lake</b>								
	<u>Silver Lake</u>							
		RL01: Silver Lake, Lake Drive Bridge	4/29/2008	9:05	3.3	33%	None	None

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