

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 5/29/2010 and 6/16/2010

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.							
		6/16/2010	9:00	4.3	59%	None	None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond							
		5/31/2010	8:00	3.8	46%	None	None
		6/6/2010	7:10	1.4	18%	None	None
		6/10/2010	11:30	3.4	41%	None	None
		6/13/2010	7:45	2.5	31%	None	None

Delaware Bay

Canary Creek

BR40: Canary Creek at Pilottown Rd							
		6/2/2010	9:30	4.8	64%	None	None
		6/16/2010	9:30	4.9	66%	None	None

Indian River

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
		6/7/2010	7:52	1.6	24%	None	Minor

Indian River

IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							
		6/5/2010	9:00	4.6	67%	Minor	None
IR20: Bay Colony							
		6/8/2010	8:05	3.6	47%	None	None
		6/14/2010	7:45	4.2	58%	None	None

Salt Pond

IR73: Western edge of Salt Pond							
		6/6/2010	7:45	3.8	54%	Minor	None
		6/12/2010	7:45	4.5	59%	None	None

Vines Creek

IR38: Vines Lane							
		6/2/2010	8:00	3.7	50%	None	None
		6/8/2010	7:45	4.5	60%	None	None

White Creek

IR29: Holly Terrace Acres Canal, White Creek							
		6/13/2010	8:30	2.7	39%	None	None
IR32: Holly Terrace Acres Canal Dead End, White Creek							
		6/7/2010	8:55	3.6	52%	None	None
		6/14/2010	8:55	3.3	48%	None	None

Little Assawoman Bay

LA43: Fenwick Island Lagoon							
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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	6/1/2010	9:00	4.6	63%	None	None
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Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge	6/7/2010	7:30	4.0	56%	None	None
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Dirickson Creek

LA03: Mulberry Landing	6/7/2010	7:55	4.9	69%	None	None
LA09: Dirickson Creek at Road 381 bridge.	6/7/2010	8:30	3.8	48%	None	None
LA19B: Mid Dirickson Creek off Swann Keys	6/14/2010	7:48	4.6	63%	None	None

Jefferson Creek

SB01: Anchorage Canal @ Rt 1	6/1/2010	7:36	3.9	53%	None	None
	6/8/2010	7:30	1.9	26%	None	None
	6/15/2010	7:28	4.2	59%	None	None
	6/16/2010	8:07	1.2	17%	None	None
SB02: Anchorage Canal near elbow	6/8/2010	7:40	4.9	68%	None	None
SB04: Petherton canal/rt1	6/1/2010	7:32	3.3	46%	Minor	Minor
	6/8/2010	7:23	2.4	33%	None	None
	6/16/2010	8:03	2.9	41%	None	None
SB09: Carlisle canal	6/1/2010	7:00	4.6	63%	None	None
	6/8/2010	6:42	4.0	55%	None	None
	6/15/2010	8:00	3.8	53%	None	None
SB10E: Russell Canal east dead end	6/1/2010	7:50	3.9	54%	Minor	Minor
	6/8/2010	7:47	2.4	33%	None	None
	6/8/2010	10:25	3.3	46%	None	None
	6/14/2010	7:53	3.8	53%	None	None
	6/16/2010	8:32	0.7	10%	None	None
SB10W: Russell Canal west dead end	6/1/2010	8:05	3.8	53%	Minor	Minor
	6/8/2010	8:03	3.6	51%	None	None
	6/8/2010	10:18	4.7	67%	None	None
	6/14/2010	7:45	4.2	58%	None	None
	6/16/2010	8:24	0.8	11%	None	None

Rehoboth Bay

RB07: West Bay Park	6/15/2010	8:30	4.9	66%	None	None
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Bald Eagle Creek

RB46: Torquay Canal at East bulkhead on Land's End.						
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Rehoboth Bay								
<u>Bald Eagle Creek</u>								
		RB46: Torquay Canal at East bulkhead on Land's End.						
			6/7/2010	8:22	2.3	33%	None	None
		RB64: Torquay Canal, west side of Land's End near UD Site #1						
			6/7/2010	8:25	3.2	45%	None	None
<u>Guinea Creek</u>								
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)						
			6/4/2010	7:30	4.9	70%	None	Minor
			6/9/2010	8:05	4.1	58%	None	None
			6/16/2010	8:05	3.6	50%	None	Minor
		RB06: Guinea Creek (Winding Creek Village)						
			6/7/2010	8:00	3.5	50%	None	None
			6/14/2010	8:30	4.9	68%	None	None
		RB76B: Herring Creek at Rehoboth Bay						
			6/16/2010	7:23	4.3	60%	None	None
<u>Herring Creek</u>								
		RB75B: Junction of Guinea and Herring Creeks						
			6/16/2010	7:20	4.3	60%	None	None
			6/16/2010	9:20	4.8	67%	None	Minor
<u>Love Creek</u>								
		RB34: Love Creek at Rt 24 Bridge						
			6/7/2010	8:45	4.1	54%	None	None
		RB63: Upper Love Creek near Webb Landing						
			6/8/2010	8:00	4.9	55%	None	None

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