

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/25/2013 and 7/18/2013

University of Delaware Citizen Monitoring Program

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

Broadkill River

Deep Hole Creek

BR13: 2707 S. Bayshore Drive

7/3/2013	10:00	2.6	34%	None	None
7/10/2013	15:30	4.0	56%	None	None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

7/6/2013	7:40	1.9	24%	None	None
7/10/2013	12:21	3.7	50%	None	None

Prime Hook Creek

BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.

6/29/2013	9:05	3.5	44%	None	None
7/6/2013	8:45	4.8	63%	Minor	None
7/13/2013	8:45	3.0	37%	None	None

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

6/29/2013	10:30	0.9	12%	None	None
7/10/2013	11:56	3.7	50%	None	None
7/17/2013	10:15	4.9	69%	None	None

Delaware Bay

Canary Creek

BR40: Canary Creek at Pilottown Rd

6/25/2013	6:27	2.9	39%	None	None
7/9/2013	6:00	2.9	40%	None	None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina

6/30/2013	8:50	3.8	52%	None	None
7/5/2013	7:40	3.1	45%	None	None
7/9/2013	7:35	3.3	48%	None	None
7/11/2013	8:15	2.8	40%	None	None
7/18/2013	10:15	3.8	56%	None	None

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

7/10/2013	7:45	0.1	2%	None	None
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Indian River

IR10: Steele Cove, Pot Nets Indian Landing

7/1/2013	8:10	2.6	37%	None	None
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IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive

7/1/2013	8:30	4.6	65%	Minor	None
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IR20: Bay Colony

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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Indian River								
	<u>Indian River</u>							
	IR20: Bay Colony							
			7/15/2013	8:00	4.4	57%	None	None
	<u>Pepper Creek</u>							
	IR51: Pepper Creek, Creekside							
			7/10/2013	8:15	4.6	65%	None	None
	<u>Salt Pond</u>							
	IR73: Western edge of Salt Pond							
			6/30/2013	7:45	3.7	51%	None	None
	<u>Vines Creek</u>							
	IR38: Vines Lane							
			6/25/2013	7:00	4.4	57%	None	None
			7/2/2013	7:00	4.5	60%	None	None
			7/9/2013	7:30	4.0	54%	None	None
			7/16/2013	7:00	3.5	46%	None	None
	<u>White Creek</u>							
	IR29: Holly Terrace Acres Canal, White Creek							
			6/27/2013	8:00	3.2	47%	None	None
			7/10/2013	7:00	3.1	46%	None	None
	IR32: Holly Terrace Acres Canal Dead End, White Creek							
			7/1/2013	8:38	4.0	57%	None	None
			7/8/2013	8:54	2.4	36%	None	None
			7/15/2013	8:24	0.7	9%	None	None
Little Assawoman Bay								
	LA02B: North of Fenwick Island							
			6/28/2013	7:37	4.3	61%	None	None
			7/11/2013	7:50	5.0	71%	None	None
	LA15B: Near red channel marker #12							
			6/28/2013	7:27	4.9	70%	None	None
	LA42B: Narrows, South of state beach at point							
			6/28/2013	7:15	4.9	67%	None	None
	LA45: Fenwick Island Bayside							
			7/9/2013	8:58	4.7	69%	None	None
	LA48: W. Georgetown St. Canal - Fenwick							
			6/25/2013	8:14	4.7	66%	None	None
			7/9/2013	7:50	4.9	71%	None	None
	<u>Assawoman Canal</u>							
	LA10: Assawoman Canal S end, Kent Ave Bridge							
			7/10/2013	7:20	3.3	47%	None	None
	<u>Dirickson Creek</u>							
	LA03: Mulberry Landing							
			7/8/2013	8:05	4.5	65%	None	None
	LA03B: Mulberry Landing by boat at mid channel							
			6/28/2013	7:47	4.7	65%	None	None

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Little Assawoman Bay

Dirickson Creek

LA03B: Mulberry Landing by boat at mid channel								
			7/11/2013	8:00	4.7	66%	None	None
LA09: Dirickson Creek at Road 381 bridge.								
			7/9/2013	8:15	2.2	29%	None	None
LA19B: Mid Dirickson Creek off Swann Keys								
			6/28/2013	7:57	4.2	58%	None	None
			7/11/2013	8:10	4.3	55%	None	None

Jefferson Creek

SB01: Anchorage Canal @ Rt 1								
			6/25/2013	7:38	0.8	11%	Minor	None
			7/2/2013	7:25	1.4	19%	None	None
			7/9/2013	7:49	0.1	1%	Minor	None
SB02: Anchorage Canal near elbow								
			7/2/2013	7:55	3.8	51%	None	None
			7/9/2013	7:59	3.3	47%	None	None
SB04: Petherton canal/rt1								
			6/25/2013	7:44	3.1	43%	None	None
			7/2/2013	7:30	2.0	28%	None	None
			7/9/2013	7:38	1.9	27%	Major	None
SB05: Petherton canal, between lots 156 and 162								
			7/2/2013	7:20	4.9	66%	None	None
			7/9/2013	7:18	4.1	58%	None	None
SB06: Brandywine Canal								
			7/2/2013	7:38	4.0	54%	None	None
			7/9/2013	7:43	0.8	11%	None	None
SB07: Layton Canal, South Bethany								
			6/25/2013	8:00	4.6	64%	None	None
			7/9/2013	7:09	3.7	53%	None	None
SB09: Carlisle canal								
			6/25/2013	8:08	2.8	38%	Major	None
			7/2/2013	7:00	2.6	34%	None	None
			7/9/2013	8:43	2.5	36%	None	None
SB10E: Russell Canal east dead end								
			6/25/2013	8:26	1.6	22%	None	None
			7/2/2013	8:00	2.7	36%	None	None
			7/9/2013	8:05	0.6	9%	None	None
SB10W: Russell Canal west dead end								
			6/25/2013	8:44	4.3	60%	None	None
			7/2/2013	8:20	3.4	47%	None	None
			7/9/2013	8:26	1.7	24%	None	None
SB12: Jefferson Canal West side @ tidal gage								
			7/2/2013	8:10	4.7	63%	None	None
			7/9/2013	8:20	4.1	59%	None	None

Rehoboth Bay

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Rehoboth Bay								
		RB07: West Bay Park						
			7/9/2013	9:30	4.9	73%	None	None
	<u>Bald Eagle Creek</u>							
		RB64: Torquay Canal, west side of Land's End near UD Site #1						
			7/1/2013	9:20	0.6	9%	None	None
			7/8/2013	11:07	2.4	36%	None	None
			7/15/2013	7:40	4.1	53%	None	None
	<u>Guinea Creek</u>							
		RB06: Guinea Creek (Winding Creek Village)						
			7/15/2013	8:00	3.7	44%	None	None
		RB06B: Guinea Creek (Winding Village) by Boat						
			7/18/2013	7:33	3.8	54%	None	None
		RB10: Guinea Creek above golf course						
			7/9/2013	8:30	4.7	52%	None	None
		RB76B: Herring Creek at Rehoboth Bay						
			7/18/2013	7:55	5.0	72%	None	None

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