

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/5/2010 and 8/18/2010

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

8/10/2010	8:20	2.9			None	None
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Broadkill River

Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.

8/11/2010	11:45	3.9	46%		None	None
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Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

8/8/2010	8:40	1.6	22%		None	None
8/11/2010	12:42	3.4	51%		None	None
8/15/2010	7:45	1.4	17%		None	None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, marina dock

8/10/2010	8:06	3.2	49%		None	None
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Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

8/9/2010	7:32	1.9	29%		None	None
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Indian River

IR07: Holt's Landing State Park

8/10/2010	8:26	4.6	67%		None	None
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IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive

8/15/2010	9:00	4.7	69%	Minor		None
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IR20: Bay Colony

8/9/2010	7:50	4.4	64%		None	None
8/16/2010	8:10	3.4	49%		None	None

Pepper Creek

IR51: Pepper Creek, Creekside

8/17/2010	8:00	4.0	58%		None	None
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Salt Pond

IR73: Western edge of Salt Pond

8/8/2010	7:45	2.0	30%		None	None
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Vines Creek

IR38: Vines Lane

8/10/2010	8:00	4.8	71%		None	None
8/17/2010	7:30	4.0	59%		None	None

White Creek

IR29: Holly Terrace Acres Canal, White Creek

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

White Creek

IR29: Holly Terrace Acres Canal, White Creek								
			8/13/2010	7:30	2.3	35%	None	None
			8/17/2010	7:30	2.5	38%	None	None
IR32: Holly Terrace Acres Canal Dead End, White Creek								
			8/9/2010	9:15	3.1	48%	None	None
			8/9/2010	9:20	3.3	51%	None	None
			8/16/2010	8:20	0.8	12%	None	None

Little Assawoman Bay

LA43: Fenwick Island Lagoon								
			8/10/2010	8:45	3.1	47%	None	None
			8/17/2010	8:41	3.8	56%	None	None
LA44: Fenwick Island Cove								
			8/10/2010	7:35	3.5	53%	None	None
			8/17/2010	7:41	4.5	67%	None	None
LA45: Fenwick Island Bayside								
			8/10/2010	8:10	3.9	59%	None	None
			8/12/2010	8:12	4.0	60%	None	None
LA46: Fenwick Island Tide Gauge								
			8/10/2010	8:42	3.7	56%	None	None
LA47: Fenwick Island, Dagsboro Street, South Side								
			8/10/2010	8:55	4.7	72%	Minor	Minor

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge								
			8/9/2010	7:16	2.3	34%	None	None

Dirickson Creek

LA03: Mulberry Landing								
			8/9/2010	8:12	4.2	63%	Minor	Minor
LA09: Dirickson Creek at Road 381 bridge.								
			8/9/2010	8:45	4.7	68%	None	None

Jefferson Creek

SB01: Anchorage Canal @ Rt 1								
			8/10/2010	7:45	2.7	41%	None	None
			8/17/2010	7:34	2.9	44%	None	None
SB02: Anchorage Canal near elbow								
			8/17/2010	7:12	4.6	70%	None	None
SB04: Petherton canal/rt1								
			8/10/2010	7:35	4.0	61%	None	None
			8/17/2010	7:30	2.1	32%	None	None
SB05: Petherton canal, between lots 156 and 162								
			8/17/2010	7:22	3.8	57%	None	None
SB07: Layton Canal, South Bethany								
			8/10/2010	7:09	4.3	65%	None	None
			8/17/2010	7:48	4.0	60%	None	None
SB09: Carlisle canal								
			8/10/2010	6:58	2.8	42%	None	None

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Little Assawoman Bay								
<u>Jefferson Creek</u>								
		SB09: Carlisle canal	8/17/2010	6:56	2.9	43%	None	None
		SB10E: Russell Canal east dead end	8/10/2010	8:17	2.3	35%	None	None
			8/17/2010	7:50	1.3	20%	None	None
			8/17/2010	8:33	1.0	15%	None	None
		SB10W: Russell Canal west dead end	8/10/2010	8:42	1.4	21%	None	None
			8/17/2010	8:05	1.3	20%	None	None
			8/17/2010	8:27	0.9	13%	None	None
		SB12: Jefferson Canal West side @ tidal gage	8/10/2010	8:32	3.9	60%	None	None
			8/17/2010	8:00	3.6	54%	None	None
Rehoboth Bay								
		RB07: West Bay Park	8/10/2010	8:30	4.3	65%	None	None
<u>Bald Eagle Creek</u>								
		RB64: Torquay Canal, west side of Land's End near UD Site #1	8/9/2010	8:05	3.2	48%	None	None
			8/16/2010	8:56	1.5	22%	None	None
<u>Guinea Creek</u>								
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)	8/9/2010	11:55	4.6	70%	Minor	Minor
			8/11/2010	8:10	3.9	61%	None	None
		RB06: Guinea Creek (Winding Creek Village)	8/10/2010	8:00	3.6	44%	None	None
<u>Love Creek</u>								
		RB34: Love Creek at Rt 24 Bridge	8/9/2010	8:23	3.9	55%	None	None

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