

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/15/2010 and 6/30/2010

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

Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.
 6/23/2010 11:23 3.2 37% None None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond
 6/21/2010 6:55 1.5 20% None None
 6/23/2010 12:15 4.4 60% None None

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road
 6/19/2010 18:03 3.6 51% None None
 6/23/2010 11:24 1.4 18% None None
 BR40: Canary Creek at Pilottown Rd
 6/16/2010 9:30 4.9 66% None None

Indian River

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach
 6/21/2010 7:50 1.2 18% None None

Indian River

IR07: Holt's Landing State Park
 6/22/2010 8:00 4.7 68% None None
 6/29/2010 7:50 4.5 66% None None
 IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive
 6/21/2010 9:00 4.2 62% Minor None
 IR20: Bay Colony
 6/21/2010 7:50 4.5 64% None None
 6/28/2010 7:35 2.5 37% None None

Salt Pond

IR73: Western edge of Salt Pond
 6/27/2010 7:35 3.0 45% Minor None

Vines Creek

IR38: Vines Lane
 6/22/2010 8:00 3.5 51% None None

White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek
 6/21/2010 9:03 4.7 70% None None
 6/28/2010 8:54 2.5 38% None None

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								
			6/22/2010	8:35	4.2	63%	Minor	Minor
			6/29/2010	8:35	2.8	42%	None	None
LA44: Fenwick Island Cove								
			6/22/2010	7:30	4.7	69%	None	None
			6/29/2010	7:35	3.6	55%	None	None
LA45: Fenwick Island Bayside								
			6/22/2010	8:04	4.4	65%	None	None
			6/29/2010	8:05	4.1	61%	None	None

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge								
			6/21/2010	7:35	4.2	61%	None	None

Dirickson Creek

LA03: Mulberry Landing								
			6/21/2010	8:00	4.6	66%	None	None
LA09: Dirickson Creek at Road 381 bridge.								
			6/21/2010	8:35	2.9	40%	None	None
LA19B: Mid Dirickson Creek off Swann Keys								
			6/28/2010	7:40	4.7	70%	None	None

Jefferson Creek

JC08B: SB, Jefferson Creek Basin between Assawoman canal extensions, access by boat only.								
			6/28/2010	7:15	4.6	69%	None	None
SB01: Anchorage Canal @ Rt 1								
			6/15/2010	7:28	4.2	59%	None	None
			6/16/2010	8:07	1.2	17%	None	None
			6/18/2010	7:38	1.9	26%	None	None
			6/22/2010	7:45	1.8	26%	None	None
			6/29/2010	7:46	1.0	14%	None	None
SB02: Anchorage Canal near elbow								
			6/29/2010	8:09	3.8	54%	None	None
SB04: Petherton canal/rt1								
			6/16/2010	8:03	2.9	41%	None	None
			6/18/2010	7:33	2.8	39%	None	None
			6/22/2010	7:38	1.8	26%	None	None
			6/29/2010	7:37	3.8	54%	None	None
SB05: Petherton canal, between lots 156 and 162								
			6/22/2010	7:31	4.7	69%	None	None
			6/29/2010	7:26	4.1	60%	None	None
SB07: Layton Canal, South Bethany								
			6/22/2010	7:09	4.7	70%	None	None
SB09: Carlisle canal								
			6/15/2010	8:00	3.8	53%	None	None
			6/18/2010	7:05	3.9	55%	None	None
			6/22/2010	7:00	3.1	45%	None	None
			6/29/2010	6:57	3.1	47%	None	None

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Little Assawoman Bay

Jefferson Creek

SB10E: Russell Canal east dead end

6/16/2010	8:32	0.7	10%	None	None
6/18/2010	8:04	0.0	0%	None	None
6/22/2010	8:02	2.6	38%	None	None
6/29/2010	8:19	4.4	67%	None	None

SB10W: Russell Canal west dead end

6/16/2010	8:24	0.8	11%	None	None
6/18/2010	8:24	0.1	2%	None	None
6/22/2010	8:16	3.0	44%	None	None
6/29/2010	8:37	4.1	63%	None	None

SB12: Jefferson Canal West side @ tidal gage

6/22/2010	8:10	4.6	68%	None	None
6/29/2010	8:28	4.2	63%	None	None

Rehoboth Bay

RB07: West Bay Park

6/15/2010	8:30	4.9	66%	None	None
6/22/2010	8:30	4.8	71%	None	None
6/29/2010	9:05	4.7	71%	None	None

Bald Eagle Creek

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

6/21/2010	8:25	2.9	42%	None	None
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RB64: Torquay Canal, west side of Land's End near UD Site #1

6/21/2010	8:30	3.8	55%	None	None
6/29/2010	8:34	4.7	72%	None	None

Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)

6/16/2010	8:05	3.6	50%	None	Minor
6/24/2010	6:50	3.3	50%	None	Minor

RB76B: Herring Creek at Rehoboth Bay

6/16/2010	7:23	4.3	60%	None	None
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Herring Creek

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

Love Creek

RB34: Love Creek at Rt 24 Bridge

6/21/2010	8:49	4.5	62%	None	None
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RB63: Upper Love Creek near Webb Landing

6/22/2010	8:10	4.9	60%	None	None
6/29/2010	8:05	4.3	55%	None	None

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