

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 9/8/2010 and 9/29/2010

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.							
		9/15/2010	9:00	4.6	62%	None	None
		9/29/2010	9:00	4.0	55%	None	None
BR20: Broadkill River at Milton tidal pond							
		9/8/2010	6:30	4.7	55%	Minor	Minor

Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.							
		9/15/2010	11:32	2.9		None	None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond							
		9/19/2010	8:35	2.8	35%	None	None
		9/22/2010	12:30	4.9	61%	None	None

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road							
		9/16/2010	14:19	1.3	18%	None	None
		9/23/2010	11:15	1.0	13%	None	None
BR40: Canary Creek at Pilottown Rd							
		9/15/2010	9:45	4.1	53%	None	None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, marina dock							
		9/14/2010	8:13	4.4	59%	None	None

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
		9/13/2010	7:55	1.0	13%	None	None

Indian River

IR20: Bay Colony							
		9/14/2010	7:50	4.1	53%	None	None

Salt Pond

IR73: Western edge of Salt Pond							
		9/11/2010	7:45	4.0	52%	None	None
		9/25/2010	8:00	4.0	56%	None	None

Vines Creek

IR38: Vines Lane							
		9/28/2010	7:50	4.4	59%	None	None

White Creek

IR29: Holly Terrace Acres Canal, White Creek							
		9/8/2010	8:30	1.7	24%	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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Indian River

White Creek

IR29: Holly Terrace Acres Canal, White Creek								
			9/20/2010	8:30	4.5	61%	None	None
			9/28/2010	8:30	1.5	21%	None	None
IR32: Holly Terrace Acres Canal Dead End, White Creek								
			9/13/2010	8:52	1.0	13%	None	None
			9/13/2010	8:57	0.6	8%	None	None
			9/20/2010	8:25	1.7	23%	None	None
			9/27/2010	8:15	2.2	31%	None	None

Little Assawoman Bay

LA42B: Narrows, South of state beach at point								
			9/9/2010	7:21	4.7	63%	None	None
LA43: Fenwick Island Lagoon								
			9/13/2010	8:45	4.3	56%	None	None
			9/20/2010	8:33	4.7	63%	None	None
			9/28/2010	8:44	4.2	58%	None	None
LA44: Fenwick Island Cove								
			9/13/2010	7:35	4.8	63%	None	None
LA46: Fenwick Island Tide Gauge								
			9/13/2010	9:25	4.7	62%	None	None
LA47: Fenwick Island, Dagsboro Street, South Side								
			9/13/2010	9:36	4.0	53%	Minor	Minor

Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge								
			9/13/2010	7:35	2.5	33%	None	None

Dirickson Creek

LA03: Mulberry Landing								
			9/13/2010	8:12	4.5	59%	None	None
LA09: Dirickson Creek at Road 381 bridge.								
			9/14/2010	8:28	4.4	56%	None	None
LA19B: Mid Dirickson Creek off Swann Keys								
			9/9/2010	7:38	4.3	58%	None	None

Jefferson Creek

JC08B: SB, Jefferson Creek Basin between Assawoman canal extensions, access by boat only.								
			9/9/2010	7:08	3.9	54%	None	None
SB01: Anchorage Canal @ Rt 1								
			9/14/2010	7:35	2.1	28%	None	None
			9/21/2010	7:32	3.0	40%	None	None
			9/28/2010	7:30	3.5	47%	None	None
SB02: Anchorage Canal near elbow								
			9/14/2010	7:51	3.4	45%	None	None
			9/28/2010	7:07	4.6	63%	None	None
SB04: Petherton canal/rt1								
			9/14/2010	7:29	2.5	34%	None	None
			9/21/2010	7:26	2.9	39%	None	None

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Little Assawoman Bay

Jefferson Creek

SB05: Petherton canal, between lots 156 and 162								
			9/14/2010	7:23	4.0	54%	None	None
SB07: Layton Canal, South Bethany								
			9/14/2010	7:14	3.7	50%	None	None
			9/28/2010	7:41	4.2	57%	None	None
SB09: Carlisle canal								
			9/14/2010	7:02	2.5	34%	None	None
			9/21/2010	6:50	4.8	64%	None	None
			9/28/2010	6:48	3.7	51%	None	None
SB10E: Russell Canal east dead end								
			9/14/2010	7:57	3.3	45%	None	None
			9/21/2010	7:50	4.4	59%	None	None
			9/22/2010	7:45	4.1	54%	None	None
SB10W: Russell Canal west dead end								
			9/14/2010	8:16	2.8	38%	None	None
			9/21/2010	8:07	4.7	63%	None	None
			9/22/2010	7:37	4.4	59%	None	None
			9/28/2010	8:01	4.2	57%	None	None
SB12: Jefferson Canal West side @ tidal gage								
			9/14/2010	8:07	4.1	55%	None	None

Rehoboth Bay

RB07: West Bay Park								
			9/14/2010	8:00	4.6	61%	None	None
			9/28/2010	8:30	4.2	57%	None	None

Bald Eagle Creek

RB46: Torquay Canal at East bulkhead on Land's End.								
			9/13/2010	8:25	1.7	23%	None	None
RB64: Torquay Canal, west side of Land's End near UD Site #1								
			9/13/2010	8:29	2.5	33%	None	None
			9/20/2010	8:58	3.5	48%	None	None

Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)								
			9/9/2010	8:10	3.4	48%	None	None
			9/13/2010	12:00	4.7	63%	None	Minor
			9/16/2010	8:40	3.3	44%	None	None
RB06: Guinea Creek (Winding Creek Village)								
			9/14/2010	7:30	4.2	54%	None	None
			9/20/2010	9:00	4.4	61%	None	None
			9/27/2010	9:00	4.9	63%	None	None
RB06B: Guinea Creek (Winding Village) by Boat								
			9/10/2010	7:06	4.2	56%	None	None
RB76B: Herring Creek at Rehoboth Bay								
			9/10/2010	7:18	3.9	52%	None	None

Herring Creek

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Rehoboth Bay								
		<u>Herring Creek</u>						
		RB75B: Junction of Guinea and Herring Creeks						
			9/10/2010	7:15	4.0	53%	None	None
		<u>Love Creek</u>						
		RB34: Love Creek at Rt 24 Bridge						
			9/13/2010	8:52	4.7	56%	None	None
		RB63: Upper Love Creek near Webb Landing						
			9/28/2010	8:00	4.9	58%	None	None

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