

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/15/2011 and 7/29/2011

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							
7/26/2011	8:40	3.6	55%	None	Minor		

Broadkill River

BR01: Broadkill river @ PEL dock.							
7/20/2011	9:20	4.2	58%	None	None		

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond							
7/17/2011	8:35	3.0	39%	None	None		

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
7/16/2011	9:00	2.0		None	None		
7/23/2011	9:30	1.4		None	None		

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road							
7/27/2011	15:10	2.0	31%	None	None		
BR40: Canary Creek at Pilottown Rd							
7/20/2011	9:10	4.1	57%	None	None		

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, marina dock							
7/26/2011	8:12	3.8	56%	None	None		

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
7/26/2011	7:58	0.2	3%	None	None		

Indian River

IR07: Holt's Landing State Park							
7/20/2011	7:30	4.2	59%	Minor	Minor		
7/26/2011	7:50	4.6	68%	None	None		
IR20: Bay Colony							
7/18/2011	7:50	4.4	62%	None	None		
7/26/2011	8:00	2.8	41%	None	None		

Salt Pond

IR73: Western edge of Salt Pond							
7/17/2011	8:15	4.0	57%	None	None		
7/24/2011	7:45	2.0	31%	None	None		

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

Vines Creek

IR38: Vines Lane

7/19/2011	7:45	4.2	59%	None	None
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7/26/2011	7:30	4.4	63%	None	None
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White Creek

IR29: Holly Terrace Acres Canal, White Creek

7/21/2011	7:30	4.4	64%	None	None
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IR32: Holly Terrace Acres Canal Dead End, White Creek

7/18/2011	8:33	2.8	40%	None	None
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7/25/2011	9:24	2.9	45%	None	None
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Little Assawoman Bay

LA43: Fenwick Island Lagoon

7/26/2011	9:10	1.6	25%	None	None
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LA44: Fenwick Island Cove

7/19/2011	7:35	4.2	61%	None	None
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7/26/2011	7:35	2.0	31%	None	None
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LA45: Fenwick Island Bayside

7/19/2011	8:08	3.8	57%	None	None
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7/26/2011	8:15	1.7	26%	None	None
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LA46: Fenwick Island Tide Gauge

7/26/2011	9:00	4.1	63%	None	None
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LA47: Fenwick Island, Dagsboro Street, South Side

7/26/2011	9:17	2.6	40%	None	Minor
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LA48: Fenwick Island, W. Georgetown St.

7/26/2011	7:25	3.6	54%	None	None
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Assawoman Canal

LA10: Assawoman Canal @ Kent Ave Bridge

7/26/2011	7:35	3.3	48%	None	None
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Dirickson Creek

LA03: Mulberry Landing

7/25/2011	8:20	3.5	53%	Minor	Minor
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LA09: Dirickson Creek at Road 381 bridge.

7/25/2011	8:50	0.2	3%	None	None
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1

7/19/2011	7:32	3.9	57%	None	None
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7/26/2011	7:38	0.7	11%	None	None
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SB02: Anchorage Canal near elbow

7/26/2011	7:47	2.6	39%	None	None
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SB04: Petherton canal/rt1

7/19/2011	7:26	2.6	38%	None	None
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7/26/2011	7:40	1.9	29%	None	None
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SB05: Petherton canal, between lots 156 and 162

7/26/2011	7:20	2.5	38%	None	None
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SB07: Layton Canal, South Bethany

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Little Assawoman Bay

Jefferson Creek

SB07: Layton Canal, South Bethany								
			7/19/2011	7:10	4.5	66%	None	None
			7/26/2011	7:11	3.3	51%	None	None
SB09: Carlisle canal								
			7/19/2011	6:51	2.9	42%	None	None
			7/26/2011	7:03	2.9	44%	None	None
SB10E: Russell Canal east dead end								
			7/19/2011	7:50	2.0	30%	None	None
			7/26/2011	7:49	4.6	71%	None	None
SB10W: Russell Canal west dead end								
			7/19/2011	8:08	1.7	25%	None	None
			7/26/2011	8:04	3.6	56%	None	None
SB12: Jefferson Canal West side @ tidal gage								
			7/19/2011	8:00	3.9	57%	None	None
			7/26/2011	7:56	2.5	38%	None	None

Rehoboth Bay

RB07: West Bay Park								
			7/19/2011	8:00	4.9	71%	None	None
			7/26/2011	8:30	4.2	65%	None	None

Bald Eagle Creek

RB64: Torquay Canal, west side of Land's End near UD Site #1								
			7/18/2011	7:55	4.0	59%	None	None

Guinea Creek

RB06: Guinea Creek (Winding Creek Village)								
			7/25/2011	8:00	3.5	49%	None	None
RB06A: Guinea Creek @ Rd 298 Bridge								
			7/27/2011	6:40	1.5	20%	None	None

Herring Creek

RB04: Herring Creek, Mid-Section								
			7/20/2011	8:50	4.6	66%	None	None
RB75B: Junction of Guinea and Herring Creeks								
			7/27/2011	7:18	3.9	58%	None	None

Love Creek

RB34: Love Creek at Rt 24 Bridge								
			7/26/2011	9:50	4.0	58%	None	None
RB63: Upper Love Creek near Webb Landing								
			7/26/2011	8:20	3.1	40%	None	None

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