

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 9/26/2012 and 10/19/2012

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							
10/10/201	15:30	4.7	57%	None	None		

Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.							
10/17/201	11:20	2.8	26%	None	None		

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond							
9/29/2012	8:35	2.8	35%	None	None		

Prime Hook Creek

BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.							
9/29/2012	7:25	1.3	15%	Minor	None		
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
10/5/2012	11:25	0.8	10%	None	None		
10/10/201	10:00	1.4	16%	None	None		
10/17/201	12:15	1.6	19%	None	None		

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road							
10/17/201	7:30	3.1	34%	None	None		

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina							
10/5/2012	8:20	4.3	57%	None	None		

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
10/15/201	7:37	3.9	46%	None	None		

White Creek

IR29: Holly Terrace Acres Canal, White Creek							
9/26/2012	7:00	4.3	56%	None	None		
10/3/2012	7:30	3.9	52%	None	None		
10/10/201	7:00	4.6	55%	None	None		
IR32: Holly Terrace Acres Canal Dead End, White Creek							
10/1/2012	8:38	4.0	52%	None	None		

Little Assawoman Bay

Dirickson Creek

LA19B: Mid Dirickson Creek off Swann Keys							
10/4/2012	7:52	3.6	48%	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

Jefferson Creek

SB01: Anchorage Canal @ Rt 1	10/2/2012	7:38	1.4	18%	None	None
SB02: Anchorage Canal near elbow	10/2/2012	7:45	3.6	47%	None	None
SB04: Petherton canal/rt1	10/2/2012	7:30	2.4	31%	None	None
SB05: Petherton canal, between lots 156 and 162	10/2/2012	7:19	3.8	48%	None	None
SB06: Brandywine Canal	10/2/2012	7:34	2.3	30%	None	None
SB09: Carlisle canal	10/2/2012	7:04	2.5	33%	None	None
SB10E: Russell Canal east dead end	10/2/2012	7:50	2.5	32%	None	None
SB10W: Russell Canal west dead end	10/2/2012	8:02	4.4	57%	None	None
SB12: Jefferson Canal West side @ tidal gage	10/2/2012	7:55	4.7	60%	None	None

Rehoboth Bay

Bald Eagle Creek

RB64: Torquay Canal, west side of Land's End near UD Site #1	10/1/2012	7:45	0.3	4%	None	None
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Guinea Creek

RB06A: Guinea Creek @ Rd 298 Bridge	10/15/2011	8:25	5.0	53%	None	None
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