

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 4/8/2013 and 5/30/2013

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							
4/9/2013	10:45	3.1	36%	None	None		

Ingram Branch

BR10: Ingram Branch at Rt 319							
5/22/2013	10:55	4.9	55%	None	None		

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond							
5/11/2013	7:50	3.4	37%	None	None		
5/18/2013	7:00	3.1	34%	None	None		

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
4/28/2013	10:15	3.7	42%	None	None		
5/7/2013	10:30	2.5	29%	None	None		
5/8/2013	10:30	4.4	51%	None	None		
5/22/2013	12:14	0.3	4%	None	Minor		

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina							
5/21/2013	7:45	4.9	64%	None	None		

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
4/8/2013	7:35	3.4	33%	None	None		
5/6/2013	7:20	3.3	39%	None	None		
5/21/2013	7:20	3.6	45%	Minor	None		

Indian River

IR20: Bay Colony							
5/20/2013	7:55	4.8	61%	None	None		

Salt Pond

IR73: Western edge of Salt Pond							
5/12/2013	7:45	3.8	47%	Minor	None		
5/18/2013	7:00	4.0	48%	Minor	Minor		

White Creek

IR29: Holly Terrace Acres Canal, White Creek							
5/1/2013	8:00	4.6	52%	None	None		
5/29/2013	8:00	3.9	50%	None	None		
IR32: Holly Terrace Acres Canal Dead End, White Creek							
5/13/2013	9:15	4.0	49%	None	Minor		
5/20/2013	8:54	4.4	57%	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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Indian River

White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek								
5/29/2013	8:25	4.1	53%	None	Minor			

Little Assawoman Bay

Assawoman Canal

LA10: Assawoman Canal S end, Kent Ave Bridge								
5/20/2013	7:10	4.1	49%	None	None			

Dirickson Creek

LA09: Dirickson Creek at Road 381 bridge.								
5/28/2013	8:45	4.4	48%	Minor	Minor			

Jefferson Creek

SB01: Anchorage Canal @ Rt 1								
5/7/2013	7:46	3.2	37%	None	None			
5/14/2013	7:42	5.0	59%	Minor	Minor			
5/21/2013	7:58	3.7	43%	Major	None			
SB04: Petherton canal/rt1								
4/23/2013	7:32	3.7	41%	None	None			
5/14/2013	7:54	3.9	45%	Minor	Minor			
5/21/2013	8:05	4.4	56%	Major	Minor			
5/28/2013	7:45	5.0	62%	Minor	None			
SB05: Petherton canal, between lots 156 and 162								
5/14/2013	7:28	4.8	57%	Minor	Minor			
SB06: Brandywine Canal								
5/14/2013	7:49	3.4	40%	Minor	Minor			
5/21/2013	8:10	4.5	55%	Major	None			
SB09: Carlisle canal								
5/14/2013	7:11	4.8	58%	None	None			
SB10E: Russell Canal east dead end								
4/23/2013	7:52	3.5	39%	None	None			
5/7/2013	8:05	4.8	57%	Minor	None			
5/14/2013	8:06	3.1	36%	Minor	Minor			
5/21/2013	7:27	4.7	58%	Minor	Minor			
5/28/2013	8:07	4.7	59%	Major	Major			
SB10W: Russell Canal west dead end								
4/23/2013	8:06	3.8	40%	None	None			
5/21/2013	7:16	3.5	44%	Minor	Minor			
5/28/2013	8:25	4.0	50%	Major	Major			

Rehoboth Bay

Bald Eagle Creek

RB64: Torquay Canal, west side of Land's End near UD Site #1								
5/20/2013	8:00	4.8	63%	None	None			

Guinea Creek

RB06: Guinea Creek (Winding Creek Village)								
5/28/2013	7:00	4.9	58%	None	None			

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Rehoboth Bay								
<u>Guinea Creek</u>								
		RB06A: Guinea Creek @ Rd 298 Bridge						
			5/20/2013	7:30	4.8	52%	None	Minor
		RB10: Guinea Creek above golf course						
			4/9/2013	8:37	4.7	47%	None	None
			5/6/2013	7:33	4.5	43%	None	None
			5/20/2013	7:39	3.7	38%	None	None
<u>Herring Creek</u>								
		RB04: Herring Creek, Mid-Section						
			5/21/2013	7:32	2.9	38%	None	None

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