

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/17/2015 and 7/1/2015

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen ppm	% Saturation	Aquatic On Shore?	In Water?
Broadkill River								
<u>Broadkill River</u>								
BR01: Broadkill river @ PEL dock.								
			6/24/2015	8:45	4.4	61%	None	None
BR20: Broadkill River at Milton tidal pond								
			6/24/2015	6:10	4.2	53%	None	None
<u>Old Mill Creek</u>								
BR21: Old Mill Creek downstream from Red Mill Pond								
			6/24/2015	12:15	3.8	50%	None	None
Delaware Bay								
<u>Canary Creek</u>								
BR40: Canary Creek at Pilottown Rd								
			6/24/2015	7:13	4.8	66%	None	None
Indian River								
<u>Assawoman Canal</u>								
IR50: Assawoman Canal at N end, Ocean View Marina								
			6/19/2015	7:40	4.2	61%	None	None
			6/26/2015	9:40	3.4	48%	None	None
<u>Indian River</u>								
IR05: Millsboro Dam								
			6/24/2015	7:50	4.8	63%	None	None
IR24: Iron Branch - County road 331 at bridge								
			6/22/2015	9:43	4.9	61%	None	None
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore								
			6/23/2015	7:50	4.3	62%	None	None
<u>Salt Pond</u>								
IR73: Western edge of Salt Pond								
			6/19/2015	7:45	1.3	18%	Minor	Major
			6/30/2015	7:45	0.0	0%	Minor	Minor
Little Assawoman Bay								
<u>Dirickson Creek</u>								
LA09: Dirickson Creek at Road 381 bridge.								
*Depth = 1m			6/22/2015	9:00	1.5	DO @ Surface > 5ppm	None	None
*Depth = 1m			6/29/2015	8:30	1.9	DO @ Surface > 5ppm	None	None
LA29: Upper Dirickson Creek @ Rt20								
			6/22/2015	7:05	4.5	53%	None	None
			6/29/2015	8:01	4.4	48%	None	None
<u>Jefferson Creek</u>								
SB01: Anchorage Canal @ Rt 1								
			6/30/2015	7:45	2.2	30%	None	None
SB02: Anchorage Canal near elbow								
			6/30/2015	7:20	3.9	55%	None	None
SB04: Petherton canal/rt1								
			6/30/2015	7:40	1.3	18%	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 On Shore?	In Water?
Little Assawoman Bay								
<u>Jefferson Creek</u>								
		SB05: Petherton canal, between lots 156 and 162						
		6/30/2015	7:28	4.9	68%	None	None	
		SB06: Brandywine Canal						
		6/30/2015	7:35	2.3	33%	None	None	
		SB09: Carlisle canal						
		6/30/2015	7:59	2.3	32%	None	None	
		SB10E: Russell Canal east dead end						
		6/30/2015	7:13	2.4	34%	Minor	None	
		SB10W: Russell Canal west dead end						
		6/30/2015	7:07	3.3	47%	None	None	
		SB12: Jefferson Canal West side @ tidal gage						
		6/23/2015	7:02	4.6	68%	None	None	
<u>Little Assawoman Bay</u>								
		LA46: Fenwick Island Tide Gauge						
		6/23/2015	8:38	4.9	72%	None	None	
		LA48: W. Georgetown St. Canal - Fenwick						
		6/17/2015	9:30	3.0	44%	None	None	
Rehoboth Bay								
<u>Bald Eagle Creek</u>								
		RB64: Torquay Canal, west side of Land's End near UD Site #1						
		6/22/2015	8:50	4.4	65%	None	None	
<u>Herring Creek</u>								
		RB90: Burton Prong						
		6/22/2015	8:50	4.5	59%	None	None	
<u>Love Creek</u>								
		RB34: Love Creek at Rt 24 Bridge						
		6/23/2015	11:00	4.2	59%	None	Minor	

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