
Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/2/2016 and 8/18/2016

University of Delaware Citizen Monitoring Program

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

Broadkill River

Broadkill River

BR01: Broadkill river @ PEL dock.

8/10/2016 8:45 3.8 55% None None

BR20: Broadkill River at Milton tidal pond

8/17/2016 6:15 4.4 57% Minor Minor

Deep Hole Creek

BR13: 2707 S. Bayshore Drive

8/2/2016 12:00 3.9 54% None None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

8/7/2016 7:30 2.3 26% None None

Delaware Bay

Canary Creek

BR40: Canary Creek at Pilottown Rd

8/9/2016 8:58 3.3 47% None None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina

8/5/2016 7:20 3.4 49% None None

8/12/2016 7:40 3.0 45% None None

8/18/2016 8:00 2.6 39% None None

Indian River

IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive

8/3/2016 8:04 4.8 68% None None

8/11/2016 8:00 2.8 42% None None

IR26: Possum Point

8/16/2016 9:30 3.8 56% None None

IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore

8/9/2016 7:45 3.9 56% None None

Pepper Creek

IR51: Pepper Creek, Creekside

8/2/2016 9:20 3.8 55% None None

8/16/2016 8:20 3.4 50% None None

Salt Pond

IR73: Western edge of Salt Pond

8/14/2016 7:45 2.0 31% None None

Vines Creek

IR38: Vines Lane

8/16/2016 7:45 4.6 69% None None

White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek

8/9/2016 9:00 2.4 35% None None

Little Assawoman Bay

Dirickson Creek

LA03: Mulberry Landing

8/9/2016 7:03 3.1 44% 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		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?
Little Assawoman Bay								
<u>Dirickson Creek</u>								
		LA03: Mulberry Landing						
		8/15/2016	7:11	2.8	42%	None	None	
		LA09: Dirickson Creek at Road 381 bridge.						
		8/9/2016	7:44	3.9	50%	None	None	
		8/15/2016	7:50	2.9	42%	None	None	
		LA29: Upper Dirickson Creek @ Rt20						
		8/15/2016	6:29	4.5	55%	None	None	
<u>Jefferson Creek</u>								
		SB01: Anchorage Canal @ Rt 1						
		8/2/2016	7:33	0.3	4%	None	None	
		8/9/2016	7:49	2.5	36%	None	None	
		8/16/2016	7:43	1.0	15%	None	None	
		SB02: Anchorage Canal near elbow						
		8/2/2016	7:27	3.7	55%	None	None	
		8/9/2016	7:57	3.5	51%	None	None	
		8/16/2016	7:53	3.6	54%	None	None	
		SB04: Petherton canal/rt1						
		8/2/2016	7:43	0.1	1%	None	None	
		8/9/2016	7:45	2.3	33%	None	None	
		8/16/2016	8:04	4.2	65%	None	None	
		SB05: Petherton canal, between lots 156 and 162						
		8/2/2016	7:37	3.1	46%	None	None	
		8/9/2016	7:29	3.7	54%	None	None	
		8/16/2016	7:56	4.0	61%	None	None	
		SB06: Brandywine Canal						
		8/2/2016	7:47	0.1	1%	None	None	
		8/9/2016	7:40	3.1	45%	None	None	
		SB09: Carlisle canal						
		8/2/2016	8:01	0.1	2%	None	None	
		8/9/2016	7:06	0.3	5%	None	None	
		8/16/2016	7:13	1.1	17%	None	None	
		SB10E: Russell Canal east dead end						
		8/2/2016	7:20	0.1	1%	None	None	
		8/9/2016	8:03	0.6	9%	None	None	
		8/16/2016	7:38	3.9	61%	None	None	
		SB10W: Russell Canal west dead end						
		8/2/2016	7:13	2.7	41%	None	None	
		8/9/2016	8:28	2.1	30%	None	None	
		8/16/2016	7:33	4.3	68%	None	None	
		SB12: Jefferson Canal West side @ tidal gage						
		8/9/2016	8:20	4.8	71%	None	None	
		8/16/2016	7:25	4.5	69%	None	None	
<u>Little Assawoman Bay</u>								
		LA46: Fenwick Island Tide Gauge						
		8/9/2016	9:40	4.3	63%	None	None	
		LA48: W. Georgetown St. Canal - Fenwick						
		8/9/2016	8:00	3.1	45%	None	None	
		8/16/2016	7:56	3.8	58%	None	None	
Rehoboth Bay								
<u>Bald Eagle Creek</u>								
		RB64: Torquay Canal, west side of Land's End near UD Site #1						
		8/9/2016	11:45	3.1	47%	None	None	

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Rehoboth Bay								
<u>Guinea Creek</u>								
RB06: Guinea Creek (Winding Creek Village)								
			8/3/2016	7:56	2.7	39%	None	None
			8/9/2016	7:30	2.9	42%	None	None
			8/16/2016	7:48	3.2	46%	None	None
RB06A: Guinea Creek @ Rd 298 Bridge								
			8/9/2016	8:08	2.1	27%	None	None
<u>Herring Creek</u>								
RB90: Burton Prong								
			8/9/2016	9:00	4.7	62%	None	None

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