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# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/20/2016 and 8/4/2016

University of Delaware Citizen Monitoring Program

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

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## Broadkill River

### Broadkill River

BR01: Broadkill river @ PEL dock.

7/27/2016 8:45 4.4 65% Minor None

BR20: Broadkill River at Milton tidal pond

7/20/2016 6:55 4.6 58% None Minor

### Deep Hole Creek

BR13: 2707 S. Bayshore Drive

7/27/2016 9:30 3.4 49% None None

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

### Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

7/27/2016 8:00 0.6 9% None None

7/30/2016 8:40 1.5 21% None None

## Delaware Bay

### Canary Creek

BR40: Canary Creek at Pilottown Rd

7/27/2016 6:51 4.9 71% None None

## Indian River

### Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina

7/21/2016 7:40 3.6 53% None None

7/28/2016 7:35 2.8 43% 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

### Pepper Creek

IR51: Pepper Creek, Creekside

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

### Salt Pond

IR73: Western edge of Salt Pond

7/24/2016 7:45 3.1 46% None None

7/31/2016 8:00 2.5 38% None None

### Vines Creek

IR38: Vines Lane

7/26/2016 7:15 2.6 38% None None

## Little Assawoman Bay

### Dirickson Creek

LA03: Mulberry Landing

7/25/2016 7:27 3.4 51% None None

8/1/2016 7:19 2.4 35% None None

LA09: Dirickson Creek at Road 381 bridge.

7/25/2016 8:09 2.5 35% None None

8/1/2016 8:08 3.6 51% None None

LA29: Upper Dirickson Creek @ Rt20

7/25/2016 6:48 3.8 46% None None

8/1/2016 6:41 4.0 48% None None

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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.

**University of Delaware Citizen Monitoring Program**

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?
<b>Little Assawoman Bay</b>								
<u>Jefferson Creek</u>								
		SB01: Anchorage Canal @ Rt 1						
		7/26/2016	7:48	1.6	24%	None	None	
		8/2/2016	7:33	0.3	4%	None	None	
		SB02: Anchorage Canal near elbow						
		7/26/2016	7:58	4.2	64%	None	None	
		8/2/2016	7:27	3.7	55%	None	None	
		SB04: Petherton canal/rt1						
		7/26/2016	7:35	2.7	41%	None	None	
		8/2/2016	7:43	0.1	1%	None	None	
		SB05: Petherton canal, between lots 156 and 162						
		8/2/2016	7:37	3.1	46%	None	None	
		SB06: Brandywine Canal						
		7/26/2016	7:41	3.6	55%	None	None	
		8/2/2016	7:47	0.1	1%	None	None	
		SB07: Layton Canal, South Bethany						
		7/26/2016	7:19	4.4	67%	None	None	
		SB09: Carlisle canal						
		7/26/2016	7:08	1.7	26%	None	None	
		8/2/2016	8:01	0.1	2%	None	None	
		SB10E: Russell Canal east dead end						
		7/26/2016	8:06	2.3	35%	None	None	
		8/2/2016	7:20	0.1	1%	None	None	
		SB10W: Russell Canal west dead end						
		7/26/2016	8:22	2.8	43%	None	None	
		8/2/2016	7:13	2.7	41%	None	None	
		SB12: Jefferson Canal West side @ tidal gage						
		7/26/2016	8:15	4.9	75%	None	None	
<u>Little Assawoman Bay</u>								
		LA46: Fenwick Island Tide Gauge						
		7/26/2016	10:03	4.6	70%	None	None	
		LA48: W. Georgetown St. Canal - Fenwick						
		7/26/2016	10:20	3.8	59%	None	None	
<b>Rehoboth Bay</b>								
<u>Guinea Creek</u>								
		RB06: Guinea Creek (Winding Creek Village)						
		7/26/2016	7:48	3.4	52%	None	None	
		8/3/2016	7:56	2.7	39%	None	None	
		RB06A: Guinea Creek @ Rd 298 Bridge						
		7/26/2016	8:08	2.2	31%	None	None	
<u>Herring Creek</u>								
		RB90: Burton Prong						
		7/26/2016	9:45	3.1	42%	None	None	

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