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# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/17/2016 and 9/1/2016

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.

8/24/2016 9:00 3.9 54% 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

8/22/2016 11:30 4.2 59% None None

### Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

8/24/2016 11:05 1.3 16% None None

### Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

8/24/2016 10:40 4.8 67% None None

## Delaware Bay

### Canary Creek

BR40: Canary Creek at Pilottown Rd

8/23/2016 6:41 3.0 40% None None

## Indian River

### Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina

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

8/25/2016 8:20 2.4 34% None None

### Indian River

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

8/27/2016 8:00 3.2 46% None None

IR24: Iron Branch - County road 331 at bridge

8/25/2016 10:50 3.4 43% None None

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

8/23/2016 7:45 4.5 61% None None

### Pepper Creek

IR51: Pepper Creek, Creekside

8/23/2016 7:50 3.0 41% None None

### White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek

8/22/2016 8:55 3.3 47% None None

## Little Assawoman Bay

### Dirickson Creek

LA03: Mulberry Landing

8/23/2016 7:21 3.2 46% None None

8/30/2016 7:26 2.2 32% None None

LA09: Dirickson Creek at Road 381 bridge.

8/23/2016 7:51 3.3 44% None None

8/30/2016 8:10 2.8 40% None None

LA29: Upper Dirickson Creek @ Rt20

8/30/2016 6:48 3.6 42% 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.

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					ppm	% Saturation	On Shore?	In Water?

**Little Assawoman Bay**

Jefferson Creek

SB01: Anchorage Canal @ Rt 1

8/23/2016	7:45	0.7	10%	None	None
8/30/2016	7:28	0.1	1%	None	None

SB02: Anchorage Canal near elbow

8/23/2016	7:26	3.0	45%	None	None
8/30/2016	7:21	2.0	30%	None	None

SB04: Petherton canal/rt1

8/23/2016	7:53	0.8	12%	None	None
8/30/2016	7:40	0.8	12%	None	None

SB05: Petherton canal, between lots 156 and 162

8/23/2016	7:36	2.2	33%	None	None
8/30/2016	7:34	3.0	45%	None	None

SB06: Brandywine Canal

8/23/2016	7:54	0.7	10%	None	None
8/30/2016	7:46	0.1	1%	None	None

SB07: Layton Canal, South Bethany

8/23/2016	8:14	4.0	59%	None	None
8/30/2016	7:52	4.1	62%	None	None

SB09: Carlisle canal

8/23/2016	8:24	0.2	3%	None	None
8/30/2016	7:58	0.1	2%	None	None

SB10E: Russell Canal east dead end

8/23/2016	7:19	0.7	10%	None	None
8/30/2016	7:16	0.1	1%	None	None

SB10W: Russell Canal west dead end

8/23/2016	7:12	0.8	12%	None	None
8/30/2016	7:09	0.1	1%	None	None

SB12: Jefferson Canal West side @ tidal gage

8/23/2016	7:03	3.9	58%	None	None
8/30/2016	7:02	4.9	73%	None	None

Little Assawoman Bay

LA46: Fenwick Island Tide Gauge

8/23/2016	9:41	3.2	47%	None	None
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LA48: W. Georgetown St. Canal - Fenwick

8/23/2016	7:44	4.0	57%	None	None
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**Rehoboth Bay**

Bald Eagle Creek

RB64: Torquay Canal, west side of Land's End near UD Site #1

8/22/2016	9:25	1.5	22%	None	None
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Guinea Creek

RB06: Guinea Creek (Winding Creek Village)

8/23/2016	7:27	2.9	42%	None	None
8/30/2016	7:08	2.7	39%	None	None

RB06A: Guinea Creek @ Rd 298 Bridge

8/23/2016	7:51	1.9	25%	None	None
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Herring Creek

RB90: Burton Prong

8/23/2016	9:00	3.0	39%	None	None
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