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# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/21/2015 and 9/3/2015

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

### Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

8/23/2015	7:30	2.0	25%	None	None
8/30/2015	7:30	1.4	18%	None	None

### Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

8/23/2015	10:45	3.5	44%	None	None
8/30/2015	10:30	3.1	39%	None	None

## Indian River

### Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina

8/21/2015	7:45	2.4	35%	None	None
8/27/2015	8:00	3.4	49%	None	None

### Indian River

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

8/26/2015	8:00	3.0	43%	Minor	None
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IR24: Iron Branch - County road 331 at bridge

8/24/2015	10:10	4.6	59%	None	None
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IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore

8/25/2015	8:25	2.2	32%	Minor	Minor
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### Vines Creek

IR38: Vines Lane

9/1/2015	8:00	3.8	53%	Minor	Minor
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### White Creek

IR29: Holly Terrace Acres Canal, White Creek

8/24/2015	6:35	1.8	26%	None	None
8/31/2015	6:35	3.3	47%	None	None

IR32: Holly Terrace Acres Canal Dead End, White Creek

8/24/2015	6:30	1.9	27%	None	None
8/31/2015	6:30	3.6	52%	None	None

## Little Assawoman Bay

### Dirickson Creek

LA03: Mulberry Landing

8/24/2015	9:05	4.5	65%	None	None
8/31/2015	7:04	4.1	58%	None	None

LA09: Dirickson Creek at Road 381 bridge.

8/31/2015	7:47	2.4	33%	None	None
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LA27: Upper Dirickson Creek @ Johnson Rd Bridge

8/25/2015	6:20	2.0	24%	None	None
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LA29: Upper Dirickson Creek @ Rt20

8/24/2015	6:13	2.6	30%	None	None
8/31/2015	6:27	1.9	22%	None	None

### Jefferson Creek

SB01: Anchorage Canal @ Rt 1

8/25/2015	7:33	1.4	20%	None	None
9/1/2015	7:46	1.8	26%	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**

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					ppm	% Saturation	On Shore?	In Water?

**Little Assawoman Bay**

Jefferson Creek

SB02: Anchorage Canal near elbow

8/25/2015	7:52	3.8	56%	None	None
9/1/2015	7:21	3.1	44%	None	None

SB04: Petherton canal/rt1

8/25/2015	7:22	2.8	41%	None	None
9/1/2015	7:40	1.6	23%	None	None

SB05: Petherton canal, between lots 156 and 162

8/25/2015	7:15	3.8	56%	None	None
9/1/2015	7:29	3.3	47%	None	None

SB06: Brandywine Canal

8/25/2015	7:27	3.6	53%	None	None
9/1/2015	7:36	1.6	23%	None	None

SB07: Layton Canal, South Bethany

8/25/2015	7:41	4.7	69%	None	None
9/1/2015	7:53	3.8	54%	None	None

SB09: Carlisle canal

8/25/2015	7:06	1.9	28%	None	None
9/1/2015	7:59	1.0	14%	None	None

SB10E: Russell Canal east dead end

8/25/2015	7:57	1.4	21%	None	None
9/1/2015	7:14	1.3	19%	None	None

SB10W: Russell Canal west dead end

8/25/2015	8:12	1.4	20%	None	None
9/1/2015	7:07	0.8	11%	None	None

SB12: Jefferson Canal West side @ tidal gage

8/25/2015	8:06	4.2	61%	None	None
9/1/2015	6:59	4.0	57%	None	None

**Rehoboth Bay**

Bald Eagle Creek

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

8/24/2015	9:30	1.8	26%	None	None
8/31/2015	9:30	1.8	26%	None	None

Herring Creek

RB90: Burton Prong

8/24/2015	8:50	4.0	53%	None	None
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