

# Low Dissolved Oxygen

Less than 5.0 ppm

All data between 5/23/2012 and 6/12/2012

University of Delaware Citizen Monitoring Program

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

## Broadkill River

BR01: Broadkill river @ PEL dock.

6/6/2012	8:55	4.7	62%	None	None
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### Deep Hole Creek

BR13: 2707 S. Bayshore Drive

5/25/2012	8:30	3.2	41%	None	None
6/1/2012	9:00	3.5	46%	None	None
6/8/2012	9:00	3.7	47%	None	None

### Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

5/23/2012	12:42	3.7	48%	None	None
5/28/2012	8:40	2.0	25%	None	None
6/3/2012	7:35	1.6	20%	None	None
6/6/2012	12:50	4.0	52%	None	None
6/11/2012	7:20	2.2	30%	None	None

### Prime Hook Creek

BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.

5/26/2012	9:15	1.9	26%	None	None
6/2/2012	9:00	2.3	29%	None	None
6/9/2012	9:10	3.8	50%	None	None

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

5/27/2012	9:00	2.7	36%	None	None
6/3/2012	9:00	2.9	36%	None	None
6/11/2012	10:00	3.8	54%	None	None

## Delaware Bay

### Canary Creek

BR19: Canary Creek at New Road

6/5/2012	15:54	1.6	23%	None	None
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BR40: Canary Creek at Pilottown Rd

6/6/2012	8:53	4.4	57%	None	None
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## Indian River

### Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina

5/24/2012	8:20	3.0	41%	None	None
5/31/2012	8:15	4.0	56%	None	None

### Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

6/4/2012	7:45	2.8	35%	None	None
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### Indian River

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

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?

**Indian River**

Indian River

IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive	5/31/2012	9:00	4.1	58%	None	None
IR20: Bay Colony	6/4/2012	7:45	3.6	47%	None	None

Salt Pond

IR73: Western edge of Salt Pond	5/27/2012	7:15	4.0	54%	None	None
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Vines Creek

IR38: Vines Lane	5/29/2012	7:45	4.6	66%	None	None
	6/5/2012	7:30	4.2	54%	None	None

**Little Assawoman Bay**

LA43: Fenwick Island Lagoon	5/30/2012	8:01	3.7	53%	None	None
	6/5/2012	8:00	4.9	64%	None	None
	6/12/2012	7:56	3.9	56%	None	Major
LA44: Fenwick Island Cove	5/30/2012	8:17	3.6	52%	None	None
	6/12/2012	8:33	3.3	46%	None	None
LA45: Fenwick Island Bayside	5/30/2012	7:43	3.3	46%	None	None
	6/5/2012	7:34	4.7	57%	None	None
	6/12/2012	7:44	4.6	64%	None	None
LA48: W. Georgetown St. Canal - Fenwick	5/29/2012	7:45	4.9	70%	None	None
	6/5/2012	7:42	4.7	61%	None	None
	6/12/2012	7:37	4.3	61%	None	None

Assawoman Canal

LA10: Assawoman Canal S end, Kent Ave Bridge	6/4/2012	7:25	3.5		None	None
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1	5/29/2012	7:31	3.5	49%	Major	Major
	6/5/2012	7:40	0.9	12%	Major	None
SB02: Anchorage Canal near elbow	6/5/2012	7:58	3.4	45%	None	None
SB04: Petherton canal/rt1	5/26/2012	7:35	4.3	62%	None	None
	6/5/2012	7:27	0.5	7%	None	None
	6/12/2012	7:22	3.7	53%	None	None
SB05: Petherton canal, between lots 156 and 162	5/29/2012	7:19	4.2	60%	None	None
	6/5/2012	7:20	4.9	65%	None	None
SB06: Brandywine Canal						

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**University of Delaware Citizen Monitoring Program**

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

Jefferson Creek

SB06: Brandywine Canal

6/5/2012	7:34	0.1	1%	None	None
6/12/2012	7:27	4.4	63%	None	None

SB07: Layton Canal, South Bethany

5/29/2012	7:11	3.6	51%	None	None
6/5/2012	7:10	4.3	57%	None	None
6/12/2012	7:48	4.9	70%	None	None

SB09: Carlisle canal

5/29/2012	7:02	2.8	39%	None	None
6/5/2012	7:00	3.7	49%	None	None
6/12/2012	7:57	4.9	69%	None	None

SB10E: Russell Canal east dead end

5/29/2012	7:55	3.7	53%	Minor	Minor
6/5/2012	8:05	0.9	12%	None	None

SB10W: Russell Canal west dead end

5/29/2012	8:25	4.1	60%	Minor	Minor
6/5/2012	8:25	1.6	22%	None	None

SB12: Jefferson Canal West side @ tidal gage

5/29/2012	8:19	3.5	50%	None	None
6/5/2012	8:15	4.6	61%	None	None
6/12/2012	8:17	4.6	65%	None	None

**Rehoboth Bay**

Bald Eagle Creek

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

6/4/2012	8:34	2.2	31%	None	None
6/11/2012	7:55	4.7	69%	None	None

Guinea Creek

RB06A: Guinea Creek @ Rd 298 Bridge

6/4/2012	7:50	3.0	37%	None	None
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