
Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/2/2015 and 7/23/2015

University of Delaware Citizen Monitoring Program

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

Broadkill River

Broadkill River

BR01: Broadkill river @ PEL dock.

7/8/2015	8:50	4.0	56%	None	None
7/22/2015	8:50	2.3	32%	None	None

Deep Hole Creek

BR13: 2707 S. Bayshore Drive

7/3/2015	10:00	3.8	51%	None	None
7/11/2015	10:00	4.0	53%	None	None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

7/10/2015	7:05	1.6	21%	None	None
7/15/2015	11:46	1.8	25%	None	None
7/18/2015	8:05	1.8	23%	None	None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

7/15/2015	11:17	0.9	12%	None	None
7/19/2015	10:00	2.0	27%	None	None

Delaware Bay

Canary Creek

BR40: Canary Creek at Pilottown Rd

7/8/2015	6:35	4.6	65%	None	None
7/22/2015	6:57	3.0	41%	None	None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina

7/2/2015	7:50	3.2	46%	None	None
7/9/2015	7:50	3.9	57%	None	None
7/16/2015	7:45	3.4	48%	None	None

Indian River

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

7/11/2015	8:30	4.0	57%	None	None
7/19/2015	8:30	4.5	68%	Minor	None

IR24: Iron Branch - County road 331 at bridge

7/13/2015	10:15	4.1	58%	None	None
-----------	-------	-----	-----	------	------

Vines Creek

IR38: Vines Lane

7/7/2015	7:15	3.5	48%	None	None
7/14/2015	7:15	3.0	43%	None	None

White Creek

IR29: Holly Terrace Acres Canal, White Creek

7/10/2015	8:30	3.9	57%	None	None
7/13/2015	7:00	4.5	66%	None	None
7/20/2015	7:05	3.7	56%	None	None

IR32: Holly Terrace Acres Canal Dead End, White Creek

7/13/2015	6:58	4.1	60%	None	None
7/13/2015	8:36	4.5	67%	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.

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?
Indian River								
	<u>White Creek</u>							
		IR32: Holly Terrace Acres Canal Dead End, White Creek						
		7/20/2015	7:00	3.3	49%	None	None	
Little Assawoman Bay								
	<u>Dirickson Creek</u>							
	LA03: Mulberry Landing							
		7/13/2015	6:34	4.2	62%	None	None	
		7/20/2015	8:28	4.3	65%	None	None	
	LA09: Dirickson Creek at Road 381 bridge.							
		7/13/2015	7:14	4.7	63%	None	None	
		7/20/2015	7:36	3.7	53%	None	None	
	LA29: Upper Dirickson Creek @ Rt20							
		7/20/2015	7:07	2.1	25%	None	None	
	<u>Jefferson Creek</u>							
	SB01: Anchorage Canal @ Rt 1							
		7/7/2015	7:43	2.9	40%	None	None	
		7/14/2015	7:37	2.5	35%	None	None	
		7/21/2015	7:48	1.1	16%	None	None	
	SB02: Anchorage Canal near elbow							
		7/7/2015	7:52	4.9	70%	None	None	
		7/14/2015	7:47	4.8	69%	None	None	
		7/21/2015	7:25	3.7	55%	None	None	
	SB04: Petherton canal/rt1							
		7/7/2015	7:34	2.7	38%	None	None	
		7/14/2015	7:27	2.9	42%	None	None	
		7/21/2015	7:44	1.9	28%	None	None	
	SB06: Brandywine Canal							
		7/7/2015	7:38	4.8	67%	None	None	
		7/14/2015	7:31	0.8	12%	None	None	
		7/21/2015	7:40	3.0	44%	None	None	
	SB07: Layton Canal, South Bethany							
		7/7/2015	7:17	4.9	70%	None	None	
		7/14/2015	7:12	4.3	62%	None	None	
		7/21/2015	7:53	4.6	68%	None	None	
	SB09: Carlisle canal							
		7/7/2015	7:07	2.2	31%	None	None	
		7/14/2015	6:59	1.4	21%	None	None	
		7/21/2015	8:00	2.0	29%	None	None	
	SB10E: Russell Canal east dead end							
		7/7/2015	7:58	3.3	47%	None	None	
		7/14/2015	7:52	2.4	34%	None	None	
		7/21/2015	7:15	3.4	50%	None	None	
	SB10W: Russell Canal west dead end							
		7/14/2015	8:08	1.7	25%	None	None	
		7/21/2015	7:10	4.2	63%	None	None	
	SB12: Jefferson Canal West side @ tidal gage							
		7/14/2015	8:01	4.2	61%	None	None	
		7/21/2015	7:00	3.7	55%	None	None	
	<u>Little Assawoman Bay</u>							
	LA46: Fenwick Island Tide Gauge							
		7/14/2015	8:54	3.7	55%	None	None	
	LA48: W. Georgetown St. Canal - Fenwick							
		7/14/2015	8:13	2.8	41%	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.

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?
Rehoboth Bay								
		<u>Bald Eagle Creek</u>						
		RB64: Torquay Canal, west side of Land's End near UD Site #1						
			7/6/2015	8:55	1.9	28%	None	None
			7/13/2015	9:05	0.7	10%	None	None
		<u>Guinea Creek</u>						
		RB06: Guinea Creek (Winding Creek Village)						
			7/20/2015	8:30	3.5	51%	None	None
		<u>Love Creek</u>						
		RB34: Love Creek at Rt 24 Bridge						
			7/14/2015	10:52	2.7	39%	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.