

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 9/3/2015 and 9/24/2015

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?
Broadkill River								
		<u>Deep Hole Creek</u>						
		BR13: 2707 S. Bayshore Drive						
			9/10/2015	16:30	3.2	42%	None	None
			9/18/2015	9:00	2.3	32%	None	None
		<u>Old Mill Creek</u>						
		BR21: Old Mill Creek downstream from Red Mill Pond						
			9/13/2015	8:15	1.5	19%	None	None
			9/16/2015	12:12	3.5	46%	None	None
Indian River								
		<u>Assawoman Canal</u>						
		IR50: Assawoman Canal at N end, Ocean View Marina						
			9/4/2015	7:50	3.4	50%	None	None
			9/11/2015	9:40	3.4	47%	None	None
			9/18/2015	8:10	4.7	64%	None	None
		<u>Indian River</u>						
		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive						
			9/3/2015	8:05	3.8	54%	Minor	None
			9/9/2015	8:00	4.1	60%	None	None
		IR24: Iron Branch - County road 331 at bridge						
			9/7/2015	10:17	2.2	28%	Minor	None
		<u>White Creek</u>						
		IR32: Holly Terrace Acres Canal Dead End, White Creek						
			9/8/2015	8:30	2.7	40%	None	None
			9/14/2015	7:58	0.8	11%	None	None
			9/21/2015	8:43	3.9	54%	None	None
Little Assawoman Bay								
		<u>Dirickson Creek</u>						
		LA03: Mulberry Landing						
			9/8/2015	7:20	3.9	56%	None	None
			9/14/2015	7:10	4.2	55%	None	None
			9/21/2015	7:11	4.7	64%	None	None
		LA09: Dirickson Creek at Road 381 bridge.						
			9/8/2015	8:06	2.6	36%	None	None
			9/14/2015	8:00	2.4	29%	None	None
			9/21/2015	8:05	1.9	25%	None	None
		LA29: Upper Dirickson Creek @ Rt20						
			9/8/2015	6:36	1.4	17%	None	None
			9/14/2015	6:23	4.5	48%	None	None
			9/21/2015	6:35	0.8	10%	None	None
		<u>Jefferson Creek</u>						
		SB01: Anchorage Canal @ Rt 1						
			9/8/2015	7:52	4.3	63%	None	None
			9/15/2015	7:48	1.6	21%	None	None
			9/22/2015	7:55	1.6	22%	None	None
		SB02: Anchorage Canal near elbow						
			9/8/2015	7:23	4.5	67%	None	None
			9/22/2015	7:24	3.0	40%	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?

Little Assawoman Bay

Jefferson Creek

SB04: Petherton canal/rt1

9/8/2015	7:53	3.8	56%	None	None
9/15/2015	7:39	1.0	13%	None	None
9/22/2015	7:34	1.6	21%	None	None

SB05: Petherton canal, between lots 156 and 162

9/8/2015	7:28	4.3	63%	None	None
9/22/2015	7:29	4.2	56%	None	None

SB06: Brandywine Canal

9/8/2015	7:32	4.4	65%	None	None
9/15/2015	7:42	4.1	55%	None	None
9/22/2015	7:45	1.9	26%	None	None

SB07: Layton Canal, South Bethany

9/8/2015	7:46	4.5	67%	None	None
9/22/2015	8:17	4.3	57%	None	None

SB09: Carlisle canal

9/15/2015	7:11	2.2	31%	None	None
9/22/2015	8:10	1.7	23%	None	None

SB10E: Russell Canal east dead end

9/8/2015	7:18	2.9	43%	None	None
9/15/2015	8:04	2.3	31%	None	None
9/22/2015	7:19	1.2	17%	None	None

SB10W: Russell Canal west dead end

9/8/2015	7:10	2.0	30%	None	None
9/22/2015	7:14	3.5	46%	None	None

SB12: Jefferson Canal West side @ tidal gage

9/8/2015	7:02	3.8	56%	None	None
9/22/2015	7:08	4.7	63%	None	None

Little Assawoman Bay

LA46: Fenwick Island Tide Gauge

9/15/2015	8:50	4.6	61%	None	None
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LA48: W. Georgetown St. Canal - Fenwick

9/8/2015	9:27	4.3	64%	None	None
9/15/2015	8:01	3.9	53%	None	None
9/22/2015	8:51	4.6	60%	None	None

Rehoboth Bay

Bald Eagle Creek

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

9/8/2015	8:10	2.7	40%	None	None
9/14/2015	10:05	2.1	30%	None	None

Herring Creek

RB90: Burton Prong

9/14/2015	9:30	3.5	46%	None	None
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Love Creek

RB80: Upper Love Creek at Webb Landing

9/9/2015	8:30	4.6	63%	None	None
9/23/2015	8:00	3.4	44%	None	None

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