

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/14/2017 and 7/28/2017

University of Delaware Citizen Monitoring Program

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

Broadkill River

Broadkill River

BR01: Broadkill river @ PEL dock.	7/26/2017	8:45	3.5	50%	Surfc	None	None
BR20: Broadkill River at Milton tidal pond	7/19/2017	6:30	3.3	42%	Surfc	None	Minor

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond	7/26/2017	10:08	2.9	38%	Surfc	None	None
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Delaware Bay

Canary Creek

BR19: Canary Creek at New Road	7/16/2017	7:45	1.3	17%	Surfc	None	None
	7/26/2017	10:07	2.7	37%	Surfc	None	None
BR40: Canary Creek at Pilottown Rd	7/25/2017	6:24	2.4	34%	Surfc	None	None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina	7/20/2017	7:30	3.1	46%	Surfc	None	None
	7/28/2017	7:25	3.3	48%	Surfc	None	None

Indian River

IR02a: Rosedale crabbing pier	7/24/2017	10:15	3.3	49%	Surfc	None	None
IR03: Oak Orchard	7/20/2017	8:40	3.4	54%	Surfc	None	None
IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive	7/22/2017	7:55	4.8	71%	Surfc	Minor	None
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore	7/25/2017	7:45	4.0	56%	Surfc	Minor	Minor

Pepper Creek

IR35: Pepper Creek at Rd 330.	7/21/2017	7:45	2.2	32%	Surfc	None	None
Fish Kill 7/20	7/21/2017	7:47	0.6	9%	0.5 m	None	None
IR51: Pepper Creek, Creekside	7/18/2017	8:30	4.2	60%	Surfc	None	None
Fish Kill 7/20	7/21/2017	7:40	3.4	49%	Surfc	None	None
	7/21/2017	8:29	2.4	36%	Bttm	None	None

Vines Creek

IR38: Vines Lane	7/18/2017	7:50	3.8	54%	Surfc	None	None
	7/25/2017	8:30	3.7	53%	Surfc	None	None

White Creek

IR32: Holly Terrace Acres Canal Dead End, White Creek	7/17/2017	8:35	2.6	39%	Surfc	None	None
	7/24/2017	9:15	2.3	35%	Surfc	None	None

Little Assawoman Bay

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	Depth	On Shore?	In Water?

Little Assawoman Bay

Dirickson Creek

LA03: Mulberry Landing	7/17/2017	7:33	4.8	72%	Surfc	None	None
	7/24/2017	7:13	3.7	56%	Surfc	None	None
LA09: Dirickson Creek at Road 381 bridge.	7/17/2017	8:37	1.3	18%	Surfc	None	None
	7/24/2017	8:07	1.8	25%	Surfc	None	None
LA29: Upper Dirickson Creek @ Rt20	7/17/2017	6:43	1.8	21%	Surfc	Minor	Minor
	7/24/2017	6:39	2.8	33%	Surfc	None	None

Jefferson Creek

SB01: Anchorage Canal @ Rt 1	7/18/2017	7:45	3.5	52%	Surfc	None	None
	7/25/2017	7:56	0.2	3%	Surfc	None	None
SB02: Anchorage Canal near elbow	7/25/2017	7:26	4.8	70%	Surfc	None	None
SB04: Petherton canal/rt1	7/18/2017	7:40	3.4	50%	Surfc	None	None
	7/25/2017	7:43	0.5	7%	Surfc	None	None
SB05: Petherton canal, between lots 156 and 162	7/18/2017	7:25	4.9	72%	Surfc	None	None
SB06: Brandywine Canal	7/18/2017	7:35	2.7	40%	Surfc	None	None
	7/25/2017	7:49	2.8	40%	Surfc	None	None
SB09: Carlisle canal	7/18/2017	7:07	1.2	18%	Surfc	None	None
	7/25/2017	8:13	1.1	17%	Surfc	None	None
SB10E: Russell Canal east dead end	7/18/2017	8:00	1.9	28%	Surfc	None	None
	7/25/2017	7:20	0.1	1%	Surfc	None	None
SB10W: Russell Canal west dead end	7/18/2017	8:15	2.5	37%	Surfc	None	None
	7/25/2017	7:14	0.5	8%	Surfc	None	None
SB12: Jefferson Canal West side @ tidal gage	7/18/2017	8:10	4.6	68%	Surfc	None	None

Little Assawoman Bay

LA46: Fenwick Island Tide Gauge	7/25/2017	10:20	4.3	65%	Surfc	None	None
LA48: W. Georgetown St. Canal - Fenwick	7/18/2017	8:15	2.6	39%	Surfc	None	None
	7/25/2017	10:09	3.3	50%	Surfc	None	None

Rehoboth Bay

Bald Eagle Creek

RB64: Torquay Canal, west side of Land's End near UD Site #1	7/17/2017	9:55	2.7	42%	Surfc	None	None
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Guinea Creek

RB06: Guinea Creek (Winding Creek Village)	7/24/2017	7:52	3.1	45%	Surfc	None	None
RB06A: Guinea Creek @ Rd 298 Bridge	7/24/2017	8:14	2.9	38%	Surfc	None	None

Herring Creek

RB90: Burton Prong							
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Rehoboth Bay									
		<u>Herring Creek</u>							
		RB90: Burton Prong	7/24/2017	9:30	3.1	46%	Surfc	None	None
		<u>Lewes-Rehoboth Canal</u>							
		RB08A: Lewes Canal Front Park - Kayak Launch	7/26/2017	10:25	3.0	43%	Surfc	None	None

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