

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 4/1/2018 and 5/31/2018

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

BR20: Broadkill River at Milton tidal pond

5/23/2018	6:00	4.7	53%	Surfc	None	None
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Canary Creek

BR19: Canary Creek at New Road

4/22/2018	8:50	4.8	46%	Surfc	None	None
5/9/2018	12:53	4.0	47%	Surfc	None	None
5/11/2018	11:45	3.8	49%	Surfc	None	None
5/23/2018	11:59	3.7	44%	Surfc	None	None
5/28/2018	16:00	3.3	38%	Surfc	None	None

Diamond Pond

BR48: Diamond Pond at Spillway

5/23/2018	7:15	3.5		Surfc	None	None
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Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

5/3/2018	7:20	3.9	43%	Surfc	None	None
5/16/2018	8:30	2.1	25%	Surfc	None	None
5/24/2018	8:30	2.2	26%	Surfc	None	None
5/30/2018	7:45	3.2	37%	Surfc	None	None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina

5/24/2018	8:00	4.3	55%	Surfc	None	None
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Indian River

IR02a: Rosedale crabbing pier

5/21/2018	9:55	4.3	50%	Surfc	Minor	Minor
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IR03: Oak Orchard

5/21/2018	10:12	4.0	49%	Surfc	Minor	Minor
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IR24: Iron Branch - County road 331 at bridge

5/7/2018	9:20	4.8	51%	Surfc	None	None
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IR26: Possum Point

4/16/2018	13:05	4.6	50%	Surfc	None	None
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4/26/2018	11:40	4.5	49%	Surfc	None	None
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5/17/2018	10:45	0.8	10%	Surfc	None	None
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5/18/2018	15:40	4.4		Surfc	None	None
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5/19/2018	17:15	4.3	45%	Surfc	None	None
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5/28/2018	15:20	2.6	28%	Surfc	None	None
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Pepper Creek

IR51: Pepper Creek, Creekside

5/22/2018	10:40	4.6	57%	Surfc	None	None
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Salt Pond

IR73: Western edge of Salt Pond

5/26/2018	7:55	3.9	50%	Surfc	None	None
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Vines Creek

IR38: Vines Lane

5/22/2018	8:00	4.1	48%	Surfc	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.

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Water Body	Tributary	Site	Date	Time	Dissolved Oxygen			Aquatic	
					ppm	% Saturation	Depth	On Shore?	In Water?
Indian River									
	<u>Vines Creek</u>								
	IR38: Vines Lane								
			5/29/2018	7:15	4.4	48%	Surfc	None	None
	<u>White Creek</u>								
	IR32: Holly Terrace Acres Canal Dead End, White Creek								
			5/21/2018	8:12	4.3	49%	Surfc	None	None
			5/30/2018	8:00	2.0	26%	Surfc	None	Minor
Little Assawoman Bay									
	<u>Dirickson Creek</u>								
	LA03: Mulberry Landing								
			5/28/2018	7:11	2.4	30%	Surfc	None	None
	LA09: Dirickson Creek at Road 381 bridge.								
			5/15/2018	8:46	4.1	45%	Surfc	None	None
			5/21/2018	7:57	4.6	51%	Surfc	None	None
			5/28/2018	6:30	3.5	37%	Surfc	None	None
	LA29: Upper Dirickson Creek @ Rt20								
			5/28/2018	5:59	4.5	47%	Surfc	None	None
	<u>Jefferson Creek</u>								
	SB01: Anchorage Canal @ Rt 1								
			4/17/2018	7:23	4.9	56%	Surfc	None	None
			5/29/2018	7:30	3.8	46%	Surfc	None	None
	SB04: Petherton canal/rt1								
			4/17/2018	7:10	3.8	42%	Surfc	None	None
			5/1/2018	7:38	4.8	56%	Surfc	Major	None
			5/8/2018	7:45	4.7	59%	Surfc	None	None
			5/22/2018	7:31	4.5	54%	Surfc	None	None
			5/29/2018	7:40	3.7	45%	Surfc	None	None
	SB05: Petherton canal, between lots 156 and 162								
			5/22/2018	7:24	4.5	54%	Surfc	None	None
	SB06: Brandywine Canal								
			5/1/2018	7:32	4.7	55%	Surfc	Major	Minor
			5/8/2018	7:55	4.4	55%	Surfc	None	None
	SB09: Carlisle canal								
			5/1/2018	7:02	4.6	54%	Surfc	None	None
			5/15/2018	7:05	4.0	50%	Surfc	None	None
			5/29/2018	7:55	2.4	30%	Surfc	None	None
	SB10E: Russell Canal east dead end								
			5/1/2018	7:58	3.8	44%	Surfc	Minor	Minor
			5/15/2018	7:50	5.0	60%	Surfc	None	None
Rehoboth Bay									
	<u>Bald Eagle Creek</u>								
	RB64: Torquay Canal, west side of Land's End near UD Site #1								
			5/1/2018	9:00	4.8	56%	Surfc	None	Minor
	<u>Guinea Creek</u>								
	RB06: Guinea Creek (Winding Creek Village)								
			5/21/2018	8:09	4.6	53%	Surfc	None	None
	RB06A: Guinea Creek @ Rd 298 Bridge								
			5/21/2018	8:30	4.1	44%	Surfc	None	None
	RB10: Guinea Creek above golf course								
			5/21/2018	8:41	4.3	46%	Surfc	None	None
	<u>Lewes-Rehoboth Canal</u>								
	RB08A: Lewes Canal Front Park - Kayak Launch								

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					ppm	% Saturation			
Rehoboth Bay									
	<u>Lewes-Rehoboth Canal</u>								
	RB08A: Lewes Canal Front Park - Kayak Launch								
			5/23/2018	12:10	4.3	55%	Surfc	None	None
	<u>Love Creek</u>								
	RB34: Love Creek at Rt 24 Bridge								
			5/7/2018	11:40	4.4	50%	Surfc	None	Minor
			5/21/2018	11:42	2.9	35%	Surfc	Minor	Minor

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