
Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/17/2014 and 7/3/2014

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.						
		6/18/2014	8:50	3.7	52%	None	None	
	<u>Deep Hole Creek</u>							
		BR13: 2707 S. Bayshore Drive						
		6/19/2014	18:00	4.0	57%	None	None	
		6/27/2014	9:30	4.0	56%	None	None	
	<u>Old Mill Creek</u>							
		BR21: Old Mill Creek downstream from Red Mill Pond						
		6/25/2014	12:23	3.6	48%	None	None	
		6/29/2014	8:00	1.8	22%	None	None	
	<u>Prime Hook Creek</u>							
		BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters						
		6/22/2014	10:15	4.4	58%	None	None	
Delaware Bay								
	<u>Canary Creek</u>							
		BR40: Canary Creek at Pilottown Rd						
		6/17/2014	6:22	3.8	51%	None	None	
		7/1/2014	7:31	3.2	44%	None	None	
Indian River								
		IR24: Iron Branch - County road 331 at bridge						
		6/23/2014	9:52	3.4	42%	None	None	
	<u>Assawoman Canal</u>							
		IR50: Assawoman Canal at N end, Ocean View Marina						
		6/24/2014	7:20	4.7	68%	None	None	
	<u>Bethany Loop Canal</u>							
		IR62: Loop Canal, Pa Ave terminus, Bethany Beach						
		6/23/2014	7:28	1.8	26%	None	None	
	<u>Indian River</u>							
		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive						
		6/25/2014	8:30	4.7	68%	Minor	None	
		IR20: Bay Colony						
		6/23/2014	8:10	3.5	48%	None	None	
	<u>Vines Creek</u>							
		IR38: Vines Lane						
		6/17/2014	7:15	2.8	38%	None	None	
		6/24/2014	7:15	4.3	59%	None	None	
	<u>White Creek</u>							
		IR32: Holly Terrace Acres Canal Dead End, White Creek						
		6/23/2014	8:57	3.5	50%	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.

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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						
		6/30/2014	8:13	2.4	35%	None	None	
Little Assawoman Bay								
	LA48: W. Georgetown St. Canal - Fenwick							
		6/24/2014	7:20	4.7	66%	None	None	
	<u>Assawoman Canal</u>							
	LA10: Assawoman Canal S end, Kent Ave Bridge							
		6/23/2014	7:00	4.1	57%	None	None	
	<u>Dirickson Creek</u>							
	LA19B: Mid Dirickson Creek off Swann Keys							
		6/18/2014	7:53	4.4	63%	None	None	
	<u>Jefferson Creek</u>							
	SB01: Anchorage Canal @ Rt 1							
		6/17/2014	7:55	3.2	45%	None	None	
		6/24/2014	8:10	4.0	56%	None	None	
		7/1/2014	7:45	3.4	49%	None	None	
	SB02: Anchorage Canal near elbow							
		7/1/2014	8:00	4.8	70%	None	None	
	SB04: Petherton canal/rt1							
		6/17/2014	7:45	3.0	42%	None	None	
		6/24/2014	8:01	2.6	37%	Minor	Minor	
		7/1/2014	7:42	2.6	38%	Minor	None	
	SB05: Petherton canal, between lots 156 and 162							
		7/1/2014	7:30	4.6	68%	None	None	
	SB06: Brandywine Canal							
		6/17/2014	7:40	2.6	37%	None	None	
		6/24/2014	8:08	3.3	46%	Minor	Minor	
		7/1/2014	7:40	3.8	55%	None	None	
	SB09: Carlisle canal							
		6/17/2014	7:00	4.5	62%	None	None	
		6/24/2014	7:20	4.2	59%	None	None	
		7/1/2014	7:00	3.3	48%	None	None	
	SB10E: Russell Canal east dead end							
		6/17/2014	8:10	3.7	53%	None	None	
		6/24/2014	8:48	3.5	50%	None	None	
		7/1/2014	8:05	3.0	44%	None	None	
	SB10W: Russell Canal west dead end							
		6/17/2014	8:25	4.4	63%	None	None	
		6/24/2014	8:48	2.6	38%	None	None	
		7/1/2014	8:20	2.2	33%	None	None	
	SB12: Jefferson Canal West side @ tidal gage							
		7/1/2014	8:15	4.4	65%	None	None	

Rehoboth Bay

Bald Eagle Creek

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 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						
			6/23/2014	7:55	3.7	53%	None	None
			6/30/2014	7:35	0.3	4%	None	None
		<u>Guinea Creek</u>						
		RB06: Guinea Creek (Winding Creek Village)						
			6/30/2014	8:15	3.9	51%	None	None
		<u>Love Creek</u>						
		RB34: Love Creek at Rt 24 Bridge						
			6/23/2014	8:20	4.8	64%	None	None
		RB80: Upper Love Creek at Webb Landing						
			6/21/2014	9:10	1.6	41%	None	None

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