

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 5/29/2013 and 6/13/2013

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.
 6/12/2013 8:47 4.2 54% None None

Deep Hole Creek

BR13: 2707 S. Bayshore Drive
 6/3/2013 14:14 4.0 52% None None
 6/11/2013 10:15 4.1 50% None None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond
 6/2/2013 7:30 1.4 17% None None
 6/8/2013 8:10 1.7 19% None None

Prime Hook Creek

BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.
 6/1/2013 7:00 1.4 17% None None
 6/8/2013 8:50 3.3 38% Minor None
 BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters
 6/5/2013 10:15 1.1 13% None None
 6/5/2013 12:05 1.5 19% Minor Minor
 6/12/2013 10:15 0.1 1% None None

Delaware Bay

Canary Creek

BR40: Canary Creek at Pilottown Rd
 6/11/2013 7:05 3.2 38% None None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina
 6/2/2013 10:05 3.8 54% None None
 6/4/2013 7:45 2.5 32% None None

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach
 6/3/2013 7:20 0.3 5% None None

Indian River

IR20: Bay Colony
 6/4/2013 7:45 4.1 52% None None

Salt Pond

IR73: Western edge of Salt Pond
 6/2/2013 7:25 4.0 55% None None
 6/12/2013 8:00 3.5 48% None None

Vines 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 ppm	% Saturation	Aquatic Vegetation On Shore?	In Water?
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Indian River

Vines Creek

IR38: Vines Lane

6/4/2013	7:00	2.8	39%	None	None
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White Creek

IR29: Holly Terrace Acres Canal, White Creek

5/29/2013	8:00	3.9	50%	None	None
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6/3/2013	8:00	2.8	40%	None	None
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6/10/2013	8:30	4.8	65%	None	None
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IR32: Holly Terrace Acres Canal Dead End, White Creek

5/29/2013	8:25	4.1	53%	None	Minor
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6/3/2013	7:35	3.6	51%	None	None
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6/10/2013	9:00	3.1	43%	None	None
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Little Assawoman Bay

Assawoman Canal

LA10: Assawoman Canal S end, Kent Ave Bridge

6/3/2013	7:00	3.3	46%	None	None
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Dirickson Creek

LA09: Dirickson Creek at Road 381 bridge.

6/4/2013	7:58	3.5		Minor	None
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Jefferson Creek

SB01: Anchorage Canal @ Rt 1

6/4/2013	7:54	1.0	13%	None	None
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6/11/2013	7:35	3.2	38%	None	None
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SB02: Anchorage Canal near elbow

6/4/2013	8:04	2.7	35%	None	None
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SB04: Petherton canal/rt1

6/4/2013	7:49	1.9	25%	None	None
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6/11/2013	7:40	3.3	44%	None	None
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SB05: Petherton canal, between lots 156 and 162

6/4/2013	7:29	1.9	25%	None	None
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6/11/2013	7:25	5.0	65%	None	None
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SB06: Brandywine Canal

6/4/2013	7:44	1.2	16%	None	None
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6/11/2013	7:45	4.6	59%	None	None
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SB07: Layton Canal, South Bethany

6/11/2013	7:15	5.0	65%	None	None
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SB09: Carlisle canal

6/11/2013	7:02	3.9	50%	None	None
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SB10E: Russell Canal east dead end

6/4/2013	8:11	0.5	6%	None	None
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6/11/2013	8:15	3.5	46%	None	None
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SB10W: Russell Canal west dead end

6/4/2013	8:32	1.2	16%	None	None
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6/11/2013	8:30	3.7	48%	None	None
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SB12: Jefferson Canal West side @ tidal gage

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Little Assawoman Bay								
	<u>Jefferson Creek</u>							
		SB12: Jefferson Canal West side @ tidal gage						
			6/4/2013	8:23	5.0	64%	None	None
			6/11/2013	8:25	4.9	65%	None	None
Rehoboth Bay								
	<u>Bald Eagle Creek</u>							
		RB64: Torquay Canal, west side of Land's End near UD Site #1						
			6/3/2013	8:20	3.2	45%	None	None
	<u>Guinea Creek</u>							
		RB06A: Guinea Creek @ Rd 298 Bridge						
			6/3/2013	7:51	4.9	56%	None	None
		RB10: Guinea Creek above golf course						
			6/3/2013	8:02	3.9	40%	None	None
	<u>Herring Creek</u>							
		RB04: Herring Creek, Mid-Section						
			6/3/2013	7:15	2.2	31%	None	None
	<u>Love Creek</u>							
		RB34: Love Creek at Rt 24 Bridge						
			6/3/2013	8:50	4.2	55%	None	None

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