

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 6/12/2013 and 6/26/2013

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
 6/18/2013 8:45 2.1 26% None None
 6/24/2013 13:40 3.0 42% None None

Ingram Branch

BR10: Ingram Branch at Rt 319
 6/19/2013 9:05 4.7 None None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond
 6/15/2013 8:00 3.2 36% None None
 6/19/2013 12:23 4.0 47% None None

Prime Hook Creek

BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.
 6/15/2013 8:55 4.5 51% None None
 6/22/2013 9:20 3.0 36% Minor None
 BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters
 6/12/2013 10:15 0.1 1% None None
 6/19/2013 10:15 1.6 19% None None
 6/19/2013 12:01 4.3 50% None None

Delaware Bay

Canary Creek

BR40: Canary Creek at Pilottown Rd
 6/25/2013 6:27 2.9 39% None None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina
 6/18/2013 7:30 4.9 68% None None

Indian River

IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore
 6/17/2013 8:07 4.8 65% None None

Salt Pond

IR73: Western edge of Salt Pond
 6/12/2013 8:00 3.5 48% 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 ppm	% Saturation	Aquatic Vegetation On Shore?	In Water?
Indian River								
<u>Vines Creek</u>								
	IR38:	Vines Lane	6/25/2013	7:00	4.4	57%	None	None
<u>White Creek</u>								
	IR32:	Holly Terrace Acres Canal Dead End, White Creek	6/17/2013	9:08	3.3	46%	None	None
			6/24/2013	8:28	3.0	43%	None	None
Little Assawoman Bay								
	LA45:	Fenwick Island Bayside	6/18/2013	9:10	4.6	63%	None	None
	LA48:	W. Georgetown St. Canal - Fenwick	6/25/2013	8:14	4.7	66%	None	None
<u>Assawoman Canal</u>								
	LA10:	Assawoman Canal S end, Kent Ave Bridge	6/17/2013	7:15	3.4	44%	None	None
<u>Dirickson Creek</u>								
	LA09:	Dirickson Creek at Road 381 bridge.	6/17/2013	8:16	4.2	52%	None	None
<u>Jefferson Creek</u>								
	SB01:	Anchorage Canal @ Rt 1	6/18/2013	7:50	3.9	52%	Minor	None
			6/25/2013	7:38	0.8	11%	Minor	None
	SB04:	Petherton canal/rt1	6/18/2013	7:45	3.2	43%	None	None
			6/25/2013	7:44	3.1	43%	None	None
	SB06:	Brandywine Canal	6/18/2013	7:40	2.3	31%	None	None
	SB07:	Layton Canal, South Bethany	6/25/2013	8:00	4.6	64%	None	None
	SB09:	Carlisle canal	6/25/2013	8:08	2.8	38%	Major	None
	SB10E:	Russell Canal east dead end	6/18/2013	8:05	2.6	35%	None	None
			6/25/2013	8:26	1.6	22%	None	None
	SB10W:	Russell Canal west dead end	6/25/2013	8:44	4.3	60%	None	None
Rehoboth Bay								
	RB07:	West Bay Park	6/18/2013	9:20	3.5	50%	None	None
<u>Bald Eagle Creek</u>								
	RB64:	Torquay Canal, west side of Land's End near UD Site #1	6/17/2013	8:10	1.3	19%	None	None
			6/24/2013	7:30	2.4	33%	None	None
<u>Guinea Creek</u>								

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 ppm	% Saturation	Aquatic Vegetation On Shore?	In Water?
Rehoboth Bay								
	<u>Guinea Creek</u>							
		RB06A: Guinea Creek @ Rd 298 Bridge						
		6/17/2013	7:42		4.1	47%	None	None
		RB06B: Guinea Creek (Winding Village) by Boat						
		6/19/2013	7:00		4.9	65%	None	None
		RB10: Guinea Creek above golf course						
		6/17/2013	7:52		3.6	39%	None	None
	<u>Love Creek</u>							
		RB34: Love Creek at Rt 24 Bridge						
		6/17/2013	8:35		3.7	48%	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