

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 5/30/2009 and 6/17/2009

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.
 6/11/2009 9:00 4.5 58% None None

Diamond Pond

BR48: Diamond Pond
 6/7/2009 8:00 4.3 None None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond
 5/30/2009 8:10 2.0 23% None None
 6/7/2009 7:45 3.4 37% None None
 6/10/2009 12:30 2.2 27% None None
 6/14/2009 8:50 2.4 25% None None

Prime Hook Creek

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters
 6/3/2009 11:30 4.2 None None
 6/10/2009 10:30 2.5 None None
 6/10/2009 12:05 4.0 51% None Minor

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road
 5/31/2009 17:36 3.9 51% None None
 6/10/2009 13:21 3.0 39% None None
 6/17/2009 10:26 2.6 31% None None

Indian River

IR03: Yellow Bank
 6/1/2009 6:50 4.7 59% None None

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach
 6/8/2009 7:50 0.4 5% None None

Indian River

IR20: Bay Colony
 6/1/2009 8:15 4.8 59% None None
 IR21: Entrance to Boat House Pond, Indian River Bay
 6/15/2009 7:55 3.4 46% None None

Vines Creek

IR38: Vines Lane
 6/2/2009 8:00 3.2 42% None None
 6/9/2009 7:30 4.0 49% None None

White Creek

IR29: Holly Terrace Acres Canal, White 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.

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>White Creek</u>							
	IR29: Holly Terrace Acres Canal, White Creek							
			6/16/2009	8:30	1.9	26%	None	None
Little Assawoman Bay								
	LA43: Fenwick Island Lagoon							
			6/2/2009	8:22	4.9	66%	None	None
			6/16/2009	8:35	4.4	57%	None	None
	<u>Assawoman Canal</u>							
	LA10: Assawoman Canal @ Kent Ave Bridge							
			6/8/2009	7:30	2.9	33%	None	None
	<u>Dirickson Creek</u>							
	LA09: Dirickson Creek at Road 381 bridge.							
			6/8/2009	8:50	3.9	43%	None	None
	<u>Jefferson Creek</u>							
	SB09: Carlisle canal							
			6/16/2009	6:55	4.9	64%	None	None
	SB10E: Russell Canal east dead end							
			6/9/2009	8:25	4.7	62%	Major	Major
			6/16/2009	8:10	4.7	61%	None	Minor
	SB10W: Russell Canal west dead end							
			6/2/2009	7:30	4.8	63%	Minor	Minor
			6/9/2009	8:33	4.2	55%	Minor	Minor
Rehoboth Bay								
	RB07: West Bay Park							
			6/16/2009	8:30	3.8	49%	None	None
	<u>Guinea Creek</u>							
	RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
			6/5/2009	8:00	4.3	54%	Minor	None
			6/8/2009	7:40	4.6	59%	None	Minor

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