

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 8/15/2012 and 9/5/2012

University of Delaware Citizen Monitoring Program

Water Body	Tributary	Site	Date	Time	Dissolved Oxygen		Aquatic Vegetation	
					ppm	% Saturation	On Shore?	In Water?

Assawoman Bay

Roy Creek

BA01: Keenwick on Bay, Roy Creek								
			8/21/2012	8:46	4.0	56%	None	None

Broadkill River

BR01: Broadkill river @ PEL dock.								
			8/22/2012	8:50	3.8	54%	None	None
			8/22/2012	8:50	3.8	54%	None	None

Deep Hole Creek

BR13: 2707 S. Bayshore Drive								
			8/18/2012	8:00	2.8	38%	None	None
			8/24/2012	9:15	0.0	0%	None	None
			8/31/2012	10:00	3.7	54%	None	None

Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.								
			8/22/2012	11:40	0.4	4%	None	None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond								
			8/22/2012	12:48	3.1	43%	None	None

Prime Hook Creek

BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.								
			8/18/2012	8:40	2.3	31%	None	None
			8/25/2012	8:48	0.7	9%	None	None
			9/1/2012	8:25	1.6	21%	Minor	None
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters								
			8/18/2012	9:30	1.3	18%	None	None
			8/25/2012	8:00	0.0	0%	None	None
			9/1/2012	10:00	0.8	11%	None	None

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road								
			8/22/2012	10:22	2.5	34%	None	None
BR40: Canary Creek at Pilottown Rd								
			8/22/2012	8:15	3.2	45%	None	None
			9/5/2012	7:42	2.0	28%	None	None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina								
			8/15/2012	8:15	4.4	64%	None	None
			8/21/2012	7:40	4.3	62%	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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Indian River								
<u>Assawoman Canal</u>								
	IR50:	Assawoman Canal at N end, Ocean View Marina	8/21/2012	8:50	4.0	56%	None	None
<u>Bethany Loop Canal</u>								
	IR62:	Loop Canal, Pa Ave terminus, Bethany Beach	8/20/2012	7:40	0.3	4%	None	None
<u>Indian River</u>								
	IR07:	Holt's Landing State Park	8/21/2012	8:00	4.6	65%	None	None
	IR20:	Bay Colony	8/20/2012	7:55	3.7	51%	None	None
			8/27/2012	8:00	4.4	60%	None	None
<u>Salt Pond</u>								
	IR73:	Western edge of Salt Pond	8/20/2012	8:00	4.0	54%	None	None
<u>Vines Creek</u>								
	IR38:	Vines Lane	8/21/2012	7:30	3.7	51%	None	None
			8/28/2012	7:15	4.7	59%	None	None
			9/4/2012	8:00	3.7	46%	None	None
			9/5/2012	7:50	3.8	51%	None	None
<u>White Creek</u>								
	IR28B:	White Creek Green #7	8/30/2012	7:59	4.5	64%	None	None
	IR29:	Holly Terrace Acres Canal, White Creek	8/15/2012	7:30	1.9	28%	None	None
			8/22/2012	7:30	1.2	17%	None	None
			8/29/2012	7:00	2.0	28%	None	None
			8/30/2012	7:46	4.2	59%	None	None
			9/5/2012	7:00	1.8	26%	None	None
	IR32:	Holly Terrace Acres Canal Dead End, White Creek	8/20/2012	9:22	1.5	22%	None	None
			8/27/2012	8:32	4.0	52%	None	None
			8/27/2012	8:34	0.8	11%	None	None
			9/4/2012	8:16	1.4	20%	None	None
Little Assawoman Bay								
	LA43:	Fenwick Island Lagoon	8/21/2012	7:58	3.6	51%	None	None
			8/28/2012	7:55	3.8	55%	None	None
	LA44:	Fenwick Island Cove	8/21/2012	8:18	3.9	55%	None	None
			8/28/2012	8:07	4.6	66%	None	None
	LA45:	Fenwick Island Bayside	8/21/2012	7:36	3.7	52%	None	None

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Little Assawoman Bay

LA45: Fenwick Island Bayside								
			8/28/2012	7:35	4.1	59%	None	None
LA48: W. Georgetown St. Canal - Fenwick								
			8/21/2012	8:37	2.3	32%	None	None
			9/4/2012	7:40	2.0	28%	None	None

Assawoman Canal

LA10: Assawoman Canal S end, Kent Ave Bridge								
			8/20/2012	7:15	3.1	43%	None	None

Dirickson Creek

LA03: Mulberry Landing								
			8/20/2012	8:05	4.5	63%	None	None
LA09: Dirickson Creek at Road 381 bridge.								
			8/20/2012	8:46	2.6	35%	None	None

Jefferson Creek

SB01: Anchorage Canal @ Rt 1								
			8/21/2012	7:40	0.9	13%	None	None
			8/28/2012	7:43	4.5	57%	None	None
			9/4/2012	7:33	1.9	26%	None	None
SB02: Anchorage Canal near elbow								
			8/21/2012	8:00	3.0	42%	None	None
			9/4/2012	7:47	1.9	26%	None	None
SB04: Petherton canal/rt1								
			8/21/2012	7:28	1.6	23%	None	None
			9/4/2012	7:41	0.3	4%	None	None
SB05: Petherton canal, between lots 156 and 162								
			8/21/2012	7:20	3.1	44%	None	None
			8/28/2012	7:22	4.3	55%	None	None
			9/4/2012	7:22	1.7	23%	None	None
SB06: Brandywine Canal								
			8/21/2012	7:36	1.3	18%	None	None
			9/4/2012	7:38	0.8	12%	None	None
SB07: Layton Canal, South Bethany								
			8/21/2012	7:12	3.6	51%	None	None
			8/28/2012	7:15	4.3	55%	None	None
			9/4/2012	7:12	2.5	34%	None	None
SB09: Carlisle canal								
			8/21/2012	7:02	2.3	33%	None	None
			9/4/2012	7:03	0.1	2%	None	None
SB10E: Russell Canal east dead end								
			8/21/2012	8:07	0.7	10%	None	None
			8/28/2012	8:05	4.6	59%	None	None
			9/4/2012	7:48	1.7	24%	None	None
SB10W: Russell Canal west dead end								
			8/21/2012	8:25	1.0	14%	None	None
			8/28/2012	8:20	4.1	53%	None	None

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Little Assawoman Bay								
	<u>Jefferson Creek</u>							
	SB10W: Russell Canal west dead end							
			9/4/2012	8:08	2.0	27%	None	None
	SB12: Jefferson Canal West side @ tidal gage							
			8/21/2012	8:15	4.2	59%	None	None
			8/28/2012	8:15	4.1	54%	None	None
			9/4/2012	8:02	2.3	32%	None	None
	<u>Williams Creek</u>							
	LA21: Williams Creek tributary, bridge on Rd 364a							
			8/20/2012	8:32	1.2	15%	None	None
Rehoboth Bay								
	RB07: West Bay Park							
			8/21/2012	8:00	4.5	64%	None	None
			8/28/2012	8:00	4.6	65%	None	None
			9/4/2012	8:00	1.5	22%	None	None
	<u>Bald Eagle Creek</u>							
	RB64: Torquay Canal, west side of Land's End near UD Site #1							
			8/20/2012	8:20	1.1	16%	None	None
			9/4/2012	7:40	0.7	10%	None	None
	<u>Guinea Creek</u>							
	RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
			8/20/2012	12:03	4.5	64%	Minor	Minor
	RB06: Guinea Creek (Winding Creek Village)							
			8/27/2012	8:15	4.6	54%	None	None
			9/4/2012	8:00	3.5	45%	None	None
	RB06A: Guinea Creek @ Rd 298 Bridge							
			8/21/2012	7:42	2.0	25%	None	None
	RB06B: Guinea Creek (Winding Village) by Boat							
			8/29/2012	7:35	1.7	23%	None	None
	RB10: Guinea Creek above golf course							
			8/21/2012	7:54	0.8	8%	None	None
	<u>Love Creek</u>							
	RB34: Love Creek at Rt 24 Bridge							
			8/20/2012	8:35	3.1	41%	None	None

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