

Low Dissolved Oxygen

Less than 5.0 ppm

All data between 7/3/2012 and 7/27/2012

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

7/10/2012	8:57	2.3	34%	None	Minor
7/24/2012	8:42	4.3	64%	None	Minor

Broadkill River

BR01: Broadkill river @ PEL dock.

7/11/2012	8:55	4.5	66%	None	None
7/26/2012	9:30	3.2	48%	None	None

BR20: Broadkill River at Milton tidal pond

7/11/2012	6:45	4.5	57%	Minor	None
7/18/2012	6:55	4.1	53%	Minor	None

Deep Hole Creek

BR13: 2707 S. Bayshore Drive

7/9/2012	9:30	1.8	26%	None	None
7/13/2012	8:30	2.4	34%	None	None
7/20/2012	14:00	3.2	47%	None	None
7/25/2012	10:30	2.3	33%	None	None

Ingram Branch

BR06: Ingram Ditch at the intersection of Rds 212 and 231.

7/11/2012	11:51	3.9	44%	None	None
7/25/2012	11:28	4.1	47%	None	None

Old Mill Creek

BR21: Old Mill Creek downstream from Red Mill Pond

7/8/2012	8:40	1.0	14%	None	None
7/22/2012	8:10	1.3	17%	None	None

Prime Hook Creek

BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.

7/7/2012	8:50	3.0	45%	None	None
7/15/2012	6:50	3.7	52%	None	None

BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters

7/8/2012	8:30	0.8	12%	None	None
7/15/2012	11:15	2.4	37%	None	None
7/21/2012	8:30	2.7	36%	None	None
7/22/2012	9:00	2.0	26%	None	None
7/25/2012	12:02	2.2	33%	None	None

Delaware Bay

Canary Creek

BR19: Canary Creek at New Road

7/25/2012	10:06	3.8	54%	None	None
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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?
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Delaware Bay

Canary Creek

BR40: Canary Creek at Pilottown Rd

7/11/2012	7:47	3.8	55%	None	None
7/24/2012	8:07	3.2	47%	None	None

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina

7/5/2012	8:25	4.7	69%	None	None
7/10/2012	7:40	3.2	47%	None	None
7/12/2012	7:40	4.6	66%	None	None
7/19/2012	8:00	2.6	40%	None	None
7/24/2012	7:25	3.6	54%	None	None
7/25/2012	8:20	3.3	47%	None	None

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach

7/23/2012	8:00	0.3	4%	None	None
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Indian River

IR04: Warwick Cove

7/9/2012	9:52	4.7	69%	None	None
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IR07: Holt's Landing State Park

7/10/2012	7:20	4.6	67%	None	None
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IR11: Pot Nets Seaside Pier

7/9/2012	10:37	4.8	73%	Minor	Major
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IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive

7/8/2012	9:00	4.6	71%	None	None
7/15/2012	8:55	3.5	53%	None	None

IR20: Bay Colony

7/9/2012	8:00	4.3	62%	None	None
7/23/2012	8:00	4.6	67%	None	None

IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore

7/10/2012	9:15	4.5	66%	Minor	None
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Salt Pond

IR73: Western edge of Salt Pond

7/8/2012	7:45	3.0	45%	None	None
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Vines Creek

IR38: Vines Lane

7/3/2012	8:00	4.1	62%	None	None
7/10/2012	7:15	3.1	44%	None	None
7/17/2012	7:45	4.2	62%	None	None
7/24/2012	7:15	4.2	60%	None	None

White Creek

IR29: Holly Terrace Acres Canal, White Creek

7/5/2012	8:00	4.3	65%	None	None
7/12/2012	7:00	3.4	50%	None	None

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Indian River

White Creek

IR29: Holly Terrace Acres Canal, White Creek								
			7/19/2012	7:00	3.2	49%	None	None
IR32: Holly Terrace Acres Canal Dead End, White Creek								
			7/3/2012	7:40	3.8	57%	None	None
			7/9/2012	8:31	2.9	44%	None	None
			7/16/2012	8:07	3.1	46%	None	None
			7/23/2012	9:04	2.9	42%	None	None

Little Assawoman Bay

LA02B: North of Fenwick Island								
			7/25/2012	7:30	4.1	59%	None	None
LA42B: Narrows, South of state beach at point								
			7/13/2012	7:17	4.8	68%	None	None
			7/25/2012	7:15	4.9	71%	None	None
LA43: Fenwick Island Lagoon								
			7/3/2012	8:06	2.7	36%	None	None
			7/10/2012	8:06	2.5	36%	None	None
			7/17/2012	7:55	2.9	44%	None	None
			7/24/2012	8:07	3.9	57%	None	None
LA44: Fenwick Island Cove								
			7/3/2012	8:23	2.8	41%	None	None
			7/10/2012	8:47	2.9	42%	None	None
			7/17/2012	8:21	4.3	64%	None	None
			7/24/2012	8:34	4.8	71%	None	None
LA45: Fenwick Island Bayside								
			7/3/2012	7:49	3.2	47%	None	None
			7/10/2012	7:32	2.4	36%	None	None
			7/17/2012	7:33	3.6	53%	None	None
			7/24/2012	7:38	4.0	59%	None	None
LA48: W. Georgetown St. Canal - Fenwick								
			7/3/2012	7:45	2.8	41%	None	None
			7/10/2012	6:22	2.3	34%	None	None
			7/17/2012	6:25	4.4	65%	None	None
			7/24/2012	7:46	3.9	58%	None	None

Assawoman Canal

LA10: Assawoman Canal S end, Kent Ave Bridge								
			7/9/2012	7:30	3.4	46%	None	None
			7/23/2012	7:30	3.6	53%	None	None

Dirickson Creek

LA03: Mulberry Landing								
			7/10/2012	7:52	4.3	63%	None	None
LA03B: Mulberry Landing by boat at mid channel								
			7/13/2012	8:01	4.4	63%	None	None
LA09: Dirickson Creek at Road 381 bridge.								
			7/9/2012	7:54	3.7	54%	None	None

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Little Assawoman Bay

Dirickson Creek

LA19B: Mid Dirickson Creek off Swann Keys

7/13/2012	7:55	4.8	66%	None	None
7/25/2012	8:05	4.0	57%	None	None

Jefferson Creek

JC08B: SB, Jefferson Creek Basin between Assawoman canal extensions, access by boat only.

7/25/2012	7:05	3.8	56%	None	None
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SB01: Anchorage Canal @ Rt 1

7/3/2012	7:35	0.5	7%	None	None
7/10/2012	7:35	0.8	12%	None	None
7/17/2012	7:31	2.0	30%	None	None
7/24/2012	7:30	0.7	10%	None	None

SB02: Anchorage Canal near elbow

7/3/2012	7:45	4.1	59%	None	None
7/10/2012	7:05	1.8	27%	None	None
7/17/2012	7:04	3.6	53%	None	None
7/24/2012	7:58	2.5	37%	None	None

SB04: Petherton canal/rt1

7/3/2012	7:25	1.4	20%	None	None
7/10/2012	7:22	2.4	35%	None	None
7/17/2012	7:20	2.5	37%	None	None
7/24/2012	7:47	1.7	25%	None	None

SB05: Petherton canal, between lots 156 and 162

7/3/2012	7:15	4.4	64%	None	None
7/10/2012	7:14	2.5	37%	None	None
7/17/2012	7:12	4.6	68%	None	None
7/24/2012	7:25	2.6	38%	None	None

SB06: Brandywine Canal

7/3/2012	7:30	0.7	10%	None	None
7/10/2012	7:27	1.8	27%	None	None
7/17/2012	7:25	2.3	34%	None	None
7/24/2012	7:42	1.0	15%	None	None

SB07: Layton Canal, South Bethany

7/3/2012	7:05	4.4	64%	None	None
7/10/2012	7:49	2.2	32%	None	None
7/17/2012	7:41	4.1	61%	None	None
7/24/2012	7:12	3.4	50%	None	None

SB09: Carlisle canal

7/3/2012	7:00	2.6	38%	None	None
7/10/2012	7:59	1.5	22%	None	None
7/17/2012	7:58	2.6	38%	None	None
7/24/2012	7:00	1.1	16%	None	None

SB10E: Russell Canal east dead end

7/3/2012	7:50	0.6	9%	None	None
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Little Assawoman Bay

Jefferson Creek

SB10E: Russell Canal east dead end

7/10/2012	8:10	0.1	2%	None	None
7/17/2012	8:06	1.5	22%	None	None
7/24/2012	8:05	0.5	7%	None	None

SB10W: Russell Canal west dead end

7/3/2012	8:05	2.0	29%	None	None
7/10/2012	8:25	0.1	1%	None	None
7/17/2012	8:23	2.1	31%	None	None
7/24/2012	8:20	1.0	15%	None	None

SB12: Jefferson Canal West side @ tidal gage

7/3/2012	8:00	4.1	60%	None	None
7/10/2012	8:18	2.5	37%	None	None
7/17/2012	8:16	4.3	64%	None	None
7/24/2012	8:12	2.7	39%	None	None

Rehoboth Bay

ML: Massey's Landing

7/9/2012	10:59	4.8	73%	None	None
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RB07: West Bay Park

7/10/2012	8:30	3.1	46%	None	None
7/18/2012	8:30	4.7	73%	None	None

RWPMV: Tower Road Bayside

7/11/2012	5:55	4.0	60%	None	None
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Bald Eagle Creek

RB64: Torquay Canal, west side of Land's End near UD Site #1

7/9/2012	8:26	4.7	68%	None	None
7/16/2012	8:49	1.8	27%	None	None
7/23/2012	8:25	1.0	15%	None	None

Guinea Creek

RB05: Mouth of Guinea Creek (Pot Nets Creekside)

7/9/2012	11:20	3.7	57%	Minor	Minor
7/23/2012	11:40	4.8	72%	Minor	Minor

RB06: Guinea Creek (Winding Creek Village)

7/9/2012	8:15	4.3	64%	None	None
7/16/2012	9:00	3.7	56%	None	None

RB06A: Guinea Creek @ Rd 298 Bridge

7/9/2012	7:56	1.2	17%	None	None
7/23/2012	7:57	2.6	34%	None	None

RB06B: Guinea Creek (Winding Village) by Boat

7/26/2012	7:28	4.7	67%	None	None
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RB10: Guinea Creek above golf course

7/9/2012	8:09	3.9	45%	None	None
7/23/2012	8:09	1.0	11%	None	None

RB76B: Herring Creek at Rehoboth Bay

7/26/2012	7:43	4.1	59%	None	None
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Rehoboth Bay								
	<u>Herring Creek</u>							
		RB04: Herring Creek, Mid-Section						
		7/25/2012	8:50	4.5	66%	None	None	
		RB75B: Junction of Guinea and Herring Creeks						
		7/26/2012	7:39	4.2	60%	None	None	
	<u>Love Creek</u>							
		RB34: Love Creek at Rt 24 Bridge						
		7/9/2012	8:47	3.0	43%	None	None	
Silver Lake								
	<u>Silver Lake</u>							
		RL01: Silver Lake, Lake Drive Bridge						
		7/14/2012	8:55	3.7		None	None	
		7/23/2012	8:45	3.0		None	None	

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