

Nuisance Aquatic Vegetation Report

University of Delaware Citizen Monitoring Program

All data between 4/8/2013 and 5/30/2013

Water Body	Tributary	Site	Date	Time	WTemp	DO	---Where is the vegetation?---			--What condition is the vegetation?--			
							On Shore?	In Water?	Afloat?	%Grn	%Red	%Too Deyd	Foul Odor?

Fresh water vegetation - a mixture of macroalgae and submerged vascular plants

Broadkill River

Diamond Pond

BR48: Diamond Pond

4/10/2013	10:55	18.9	11.3	Yes Minor	Yes Minor	Yes				No
5/8/2013	10:40	17.3	10.0	No	Yes Minor	Yes				No
5/22/2013	11:08	23.7	12.2	Yes Minor	Yes Major	Yes				No

Ingram Branch

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

4/10/2013	11:20	18.8	8.2	No	Yes Minor	No				No
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Prime Hook Creek

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

4/27/2013	9:30	14.0	10.0	Yes Minor	Yes Major	Yes	100			No
5/4/2013	7:30	12.0	7.5	Yes Minor	Yes Major	Yes	100			No
5/12/2013	9:45	18.0	5.8	Yes Minor	Yes Major	Yes	100			No
5/18/2013	8:00	18.0	5.0	Yes Minor	Yes Major	Yes	100			No
5/25/2013	9:30	11.0	9.0	Yes Minor	Yes Minor	Yes	100			No

Vegetation comments: "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10' wide.

University of Delaware Citizen Monitoring Program

Friday, May 31, 2013

University of Delaware SGMAS, 700 Pilottown Rd, Lewes, DE 19958 (302) 645-4252

Page 1 of 8

Water Body	Tributary	Site	Date	Time	WTemp	DO	---Where is the vegetation?---			--What condition is the vegetation?--			
							On Shore?	In Water?	Afloat?	%Grn	%Red	%Too Dcyd	Foul Odor?
<u>Tidal water vegetation - predominantly macroalgae</u>													
Broadkill River													
		BR20: Broadkill River at Milton tidal pond											
			4/10/2013	7:00	17.0	8.2	No	Yes Minor	No		100	No	
			5/1/2013	6:35	14.1	8.5	Yes Minor	No	No	20	80	No	
			5/22/2013	7:00	22.3	6.2	No	Yes Minor	No		100	No	
			5/29/2013	7:30	20.3	7.7	Yes Minor	Yes Minor	No	10	90	No	
		<u>Prime Hook Creek</u>											
		BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters											
			5/8/2013	11:59	19.8	5.5	Yes Minor	Yes Minor	Yes			No	
			5/22/2013	12:14	24.8	0.3	No	Yes Minor	Yes	100		No	
Delaware Bay													
		DB01: End of Cape Shores pier											
			4/9/2013	8:42	10.5	9.4	Yes Minor	Yes Minor	No	90	10	No	
			5/7/2013	9:29	12.0	8.4	Yes Minor	Yes Minor	No	50	50	No	
			5/14/2013	9:05	13.0	8.2	Yes Minor	Yes Minor	No	20	80	No	
			5/24/2013	8:21	18.0	7.8	Yes Minor	Yes No	No			No	
Indian River													
		<u>Assawoman Canal</u>											
		IR50: Assawoman Canal at N end, Ocean View Marina											

Vegetation comments: "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10' wide.

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							On Shore?	In Water?	Afloat?	%Grn	%Red	%Too Dcyd	Foul Odor?

Tidal water vegetation - predominantly macroalgae

Indian River

Assawoman Canal

IR50: Assawoman Canal at N end, Ocean View Marina							Yes Minor	Yes Minor	No	100		No
5/9/2013	8:10	17.0	6.4									
5/16/2013	8:10	19.5	5.3			Yes Minor	No	No	100		No	

Bethany Loop Canal

IR62: Loop Canal, Pa Ave terminus, Bethany Beach							Yes Minor	No	No	100		No
5/21/2013	7:20	22.5	3.6									

Indian River

IR11: Pot Nets Seaside Pier							Yes Minor	Yes Minor	No	90	10	No
4/8/2013	11:22	10.2	9.7									
5/6/2013	11:27	13.6	7.9									
5/20/2013	11:17	18.8	7.2			Yes Minor	Yes Minor	No	70	30	No	
IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive							Yes Minor	No	No		100	No
4/16/2013	9:00	13.0										
5/19/2013	8:59	17.0	6.7			Yes Minor	No	No	100		No	

Salt Pond

IR73: Western edge of Salt Pond							Yes Minor	No	No	100		No
5/12/2013	7:45	19.0	3.8									
5/18/2013	7:00	18.0	4.0									
						Yes Minor	Yes Minor	No		100	No	

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							On Shore?	In Water?	Afloat?	%Grn	%Red	%Too Dcyd	Foul Odor?
<u>Tidal water vegetation - predominantly macroalgae</u>													
Little Assawoman Bay													
Jefferson Creek													
		SB01: Anchorage Canal @ Rt 1	5/28/2013	7:40	21.0	7.2	Yes Minor	Yes Minor	No	50		No	
		SB02: Anchorage Canal near elbow	4/9/2013	8:20	15.5	10.5	Yes Minor	Yes Minor	Yes	50	50	No	
			5/21/2013	7:36	21.8	5.4	No	No	Yes	100		No	
			5/28/2013	8:01	20.5	7.9	No	Yes Minor	No	50		No	
		SB04: Petherton canal/rt1	4/9/2013	7:45	15.6	5.8	Yes Major	Yes Major	Yes	30	70	No	
			5/7/2013	7:36	15.5	5.7	Yes Minor	No	No			No	
			5/14/2013	7:54	17.8	3.9	Yes Minor	Yes Minor	Yes	100		No	
			5/21/2013	8:05	22.0	4.4	Yes Major	Yes Minor	Yes	100		No	
			5/28/2013	7:45	20.8	5.0	Yes Minor	No	No	50		No	
		SB05: Petherton canal, between lots 156 and 162	4/9/2013	7:30	15.8	10.6	No	No	Yes	100		No	
			5/14/2013	7:28	18.4	4.8	Yes Minor	Yes Minor	No	100		No	
			5/28/2013	7:27	20.3	7.7	Yes Minor	Yes Minor	No	50		No	
		SB06: Brandywine Canal											

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							On Shore?	In Water?	Afloat?	%Grn	%Red	%Too Dcyd	Foul Odor?
<u>Tidal water vegetation - predominantly macroalgae</u>													
Little Assawoman Bay													
<u>Jefferson Creek</u>													
SB06: Brandywine Canal													
			4/9/2013	7:50	15.2	8.2	Yes Major	Yes Major	Yes	30		70	No
			5/7/2013	7:54	16.2	6.7	Yes Minor	No	No				No
			5/14/2013	7:49	18.9	3.4	Yes Minor	Yes	Yes	100			No
			5/21/2013	8:10	21.2	4.5	Yes Major	No	No	100			No
			5/28/2013	7:51	20.9	5.5	Yes Minor	No	Yes	50			No
SB07: Layton Canal, South Bethany													
			4/9/2013	9:05	16.0	10.8	Yes Minor	Yes Minor	Yes	100			No
			5/28/2013	7:14	20.1	8.0	Yes Minor	No	No	50			No
SB09: Carlisle canal													
			4/9/2013	7:10	15.2	11.5	Yes Minor	Yes Minor	Yes	100			No
SB10E: Russell Canal east dead end													
			4/9/2013	8:30	15.3	6.4	Yes Major	Yes Major	Yes	30	10	60	No
			5/7/2013	8:05	16.1	4.8	Yes Minor	No	No				No
			5/14/2013	8:06	17.8	3.1	Yes Minor	Yes	Yes			100	No
			5/21/2013	7:27	21.2	4.7	Yes Minor	Yes Minor	Yes	100			No

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							On Shore?	In Water?	Afloat?	%Grn	%Red	%Too Dcyd	Foul Odor?
<u>Tidal water vegetation - predominantly macroalgae</u>													
Little Assawoman Bay													
<u>Jefferson Creek</u>													
		SB10E: Russell Canal east dead end	5/28/2013	8:07	20.3	4.7	Yes Major	Yes Major	Yes	50		No	
		SB10W: Russell Canal west dead end	4/9/2013	8:55	16.4	10.6	Yes Minor	Yes Minor	Yes	60	40	No	
			5/7/2013	8:29	14.5	6.2	No	Yes Minor	No	100		No	
			5/14/2013	8:26	18.0	5.4	Yes Minor	Yes Minor	Yes		100	No	
			5/21/2013	7:16	22.0	3.5	Yes Minor	Yes Minor	Yes	100		No	
			5/28/2013	8:25	20.6	4.0	Yes Major	Yes Major	Yes	50		No	
Rehoboth Bay													
		ML: Massey's Landing	4/8/2013	8:57	12.6	10.5	Yes Minor	No	No			No	
<u>Guinea Creek</u>													
		RB05: Mouth of Guinea Creek (Pot Nets Creekside)	4/8/2013	11:59	15.0	9.4	Yes Minor	Yes Minor	No	70	20	10	No
			5/6/2013	11:50	14.3	6.9	Yes Minor	Yes Minor	No	50	50		No
			5/20/2013	11:41	22.8	6.1	Yes Minor	Yes Minor	No	60	40		No
		RB06: Guinea Creek (Winding Creek Village)											

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Page 7 of 8

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Tidal water vegetation - predominantly macroalgae

Rehoboth Bay

Guinea Creek

RB06: Guinea Creek (Winding Creek Village)							9.1	Yes Minor	No	No	100	No
4/9/2013	8:15	15.8										
RB06A: Guinea Creek @ Rd 298 Bridge							4.8	No	Yes Minor	Yes	100	No
5/20/2013	7:30	18.7										

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Page 8 of 8