

Nuisance Aquatic Vegetation Report

All data between 4/1/2016 and 6/1/2016

University of Delaware Citizen Monitoring Program

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?
<u>Fresh water vegetation - a mixture of macroalgae and submerged vascular plants</u>													
Broadkill River													
<u>Diamond Pond</u>													
BR48: Diamond Pond at Spillway													
			4/13/2016	8:40	11.5	9.7	Yes Minor	No	No	100			No
			4/26/2016	14:30	22.5	9.7	Yes Minor	Yes Minor	Yes	100			No
			5/11/2016	10:45	16.4	8.6	Yes Minor	Yes Minor	Yes				No
			5/13/2016	12:10	17.5	8.5	Yes Minor	No	No	50	50		No
			5/25/2016	6:45	19.0	13.8	Yes Minor	Yes Minor	Yes	80	20		No
			6/1/2016	7:15	23.5	7.3	Yes Minor	No	No	100			No
<u>Tidal water vegetation - predominantly macroalgae</u>													
Broadkill River													
<u>Prime Hook Creek</u>													
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters													
			4/13/2016	11:05	12.1	7.6	No	Yes Minor	No				No
Delaware Bay													
<u>Delaware Bay</u>													
DB01: End of Cape Shores pier													
			5/4/2016	9:12	12.0	8.0	Yes Minor	Yes Minor	No	50	50		No
			5/10/2016	8:32	11.5	8.1	Yes Minor	Yes Minor	No	20	80		No

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?
<u>Tidal water vegetation - predominantly macroalgae</u>													
Delaware Bay													
	<u>Delaware Bay</u>												
		DB01: End of Cape Shores pier											
		5/25/2016	7:19	15.5	7.9	Yes Minor	Yes Minor	No		100		No	
		5/31/2016	8:53	20.0	7.4	Yes Minor	Yes Minor	No	30	10	60	No	
Indian River													
	<u>Indian River</u>												
		IR11: Pot Nets Seaside Pier											
		4/11/2016	10:08	9.1	9.0	Yes Minor	Yes Minor	No	90		5	No	
		5/9/2016	10:15	14.7	8.4	Yes Minor	Yes Minor	No	80	20		No	
		5/26/2016	10:15	19.4	8.9	Yes Minor	Yes Major	Yes	80	20		No	
		IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive											
		4/13/2016	8:00	10.0	8.0	Yes Minor	No	No				No	
		5/13/2016	8:10	17.0	7.6	Yes Minor	No	No				No	
		IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore											
		4/12/2016	8:04	11.4	13.7	Yes Minor	Yes Minor	No				No	
		5/10/2016	7:55	13.5	8.7	Yes Minor	Yes Minor	No				No	
		5/24/2016	8:25	16.8	7.3	Yes Minor	No	No				No	
	<u>Vines Creek</u>												
		IR38: Vines Lane											
		4/26/2016	8:30	17.5	6.0	No	Yes Minor	No	95	5		No	
		5/10/2016	8:30	14.5	6.1	Yes Minor	Yes Minor	No				No	

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?
<u>Tidal water vegetation - predominantly macroalgae</u>													
Indian River													
	<u>Vines Creek</u>	IR38: Vines Lane	5/17/2016	7:30	16.0	6.3	Yes Minor	Yes Minor	No				No
Little Assawoman Bay													
	<u>Dirickson Creek</u>	LA03: Mulberry Landing	5/11/2016	6:59	16.3	5.6	Yes Minor	No	No				No
			5/16/2016	7:18	16.4	6.1	No	Yes Minor	No				No
			5/26/2016	8:45	21.5	9.2	Yes Minor	Yes Minor	Yes	70	30		No
		LA29: Upper Dirickson Creek @ Rt20	5/16/2016	6:31	11.5	8.4	Yes Minor	No	No				No
	<u>Jefferson Creek</u>	SB01: Anchorage Canal @ Rt 1	4/26/2016	7:39	18.1	6.3	No	Yes Minor	No	100			No
			5/17/2016	7:49	20.5	5.2	Yes Minor	Yes Minor	No	50	50		No
			5/24/2016	7:40	17.7	6.0	No	No	Yes			100	No
			5/31/2016	7:44	23.9	3.8	Yes Minor	Yes Major	No	100			No
		SB02: Anchorage Canal near elbow	5/17/2016	7:58	19.6	7.3	Yes Minor	Yes Minor	No	50	50		No
			5/24/2016	7:48	17.8	6.6	Yes Minor	Yes Minor	No	75	25		No
			5/31/2016	7:53	23.7	4.4	Yes Minor	Yes Minor	No	100			No
		SB04: Petherton canal/rt1											

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

Tidal water vegetation - predominantly macroalgae

Little Assawoman Bay

Jefferson Creek

SB04: Petherton canal/rt1

4/12/2016	7:33	13.3	8.8	Yes Major	No	No				No
4/26/2016	7:26	19.1	7.7	Yes Major	Yes Minor	No	100			No
5/3/2016	7:39	18.0	7.9	Yes Minor	No	No	80	20		No
5/10/2016	7:22	17.3	8.1	Yes Major	Yes Major	Yes	100			No
5/17/2016	7:35	19.3	8.8	Yes Major	Yes Major	Yes	50	50		No
5/24/2016	7:28	18.6	1.7	Yes Minor	Yes Minor	No	75	25		No
5/31/2016	7:38	23.0	2.9	Yes Major	Yes Minor	No	100			No

SB05: Petherton canal, between lots 156 and 162

4/12/2016	7:25	13.6	8.8	No	Yes Minor	No				No
4/26/2016	7:21	18.1	7.1	Yes Major	Yes Minor	No	100			No
5/3/2016	7:25	17.7	7.9	Yes Minor	No	No	100			No
5/10/2016	7:14	17.4	6.5	Yes Major	Yes Major	Yes	80	20		No
5/17/2016	7:22	17.8	9.5	Yes Major	Yes Major	Yes	50	50		No
5/24/2016	7:21	18.5	6.2	Yes Minor	Yes Minor	Yes	75	25		No
5/31/2016	7:23	24.0	4.0	Yes Major	Yes Minor	No	100			No

SB06: Brandywine Canal

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?
<u>Tidal water vegetation - predominantly macroalgae</u>													
Little Assawoman Bay													
<u>Jefferson Creek</u>													
SB06: Brandywine Canal													
			4/12/2016	7:38	13.2	9.0	Yes Major	Yes Minor	No				No
			5/3/2016	7:38	18.3	7.6	Yes Minor	No	No	100			No
			5/10/2016	7:28	17.0	8.1	Yes Major	Yes Major	Yes	100			No
			5/17/2016	7:30	18.8	4.8	Yes Major	Yes Major	Yes	50	50		No
			5/24/2016	7:32	18.7	0.3	Yes Major	Yes Major	Yes	75	25		No
			5/31/2016	7:34	23.9	6.0	Yes Minor	Yes Minor	No	100			No
SB07: Layton Canal, South Bethany													
			5/17/2016	7:13	17.1	9.6	No	Yes Minor	No	50	50		No
			5/24/2016	6:58	17.1	8.3	Yes Minor	Yes Minor	No	75	25		No
			5/31/2016	7:01	23.3	5.3	Yes Minor	Yes Minor	No	100			No
SB09: Carlisle canal													
			4/26/2016	7:00	17.9	7.5	No	Yes Minor	No				No
			5/10/2016	7:56	16.7	9.1	Yes Minor	No	No	100			No
			5/24/2016	7:06	18.5	1.4	Yes Major	Yes Major	Yes	75	25		No
SB10E: Russell Canal east dead end													
			4/12/2016	8:00	13.0	7.9	No	Yes Minor	No				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												
		4/26/2016	7:53	18.0	5.7	Yes	No	No	100				No	
						Minor								
		5/17/2016	8:04	19.4	4.2	Yes	Yes	No	50	50			No	
						Major	Minor							
		5/24/2016	7:54	17.4	4.2	Yes	Yes	No	75	25			No	
						Minor	Minor							
		SB10W: Russell Canal west dead end												
		5/17/2016	8:19	18.2	5.0	No	Yes	No	50	50			No	
							Minor							
		5/24/2016	8:09	18.0	6.7	Yes	No	No	75	25			No	
						Minor								
		5/31/2016	8:14	24.7	2.3	Yes	Yes	No	100				No	
						Major	Major							
		SB12: Jefferson Canal West side @ tidal gage												
		4/12/2016	8:09	12.7	9.1	No	Yes	No					No	
							Minor							
		5/10/2016	8:22	16.3	7.7	No	No	Yes					No	
		<u>Little Assawoman Bay</u>												
		LA46: Fenwick Island Tide Gauge												
		5/24/2016	9:10	17.3	7.5	No	No	Yes	70	30			No	
		Rehoboth Bay												
		<u>Bald Eagle Creek</u>												
		RB64: Torquay Canal, west side of Land's End near UD Site #1												
		4/20/2016	9:00	16.1	6.9	No	No	Yes					No	
		<u>Guinea Creek</u>												
		RB06: Guinea Creek (Winding Creek Village)												
		5/31/2016	7:50	22.6	4.2	Yes	No	No					No	
						Minor								
		<u>Love Creek</u>												
		RB34: Love Creek at Rt 24 Bridge												

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Tidal water vegetation - predominantly macroalgae

Rehoboth Bay

Love Creek

RB34: Love Creek at Rt 24 Bridge

4/12/2016	11:40	14.4	7.7	Yes Minor	Yes Minor	No	60	5	35	No
5/26/2016	10:45	23.8	6.5	Yes Minor	Yes Minor	Yes	90	5		No

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

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