

# Harmful Algae Report

All data between 4/1/2005 and 5/12/2005

Delaware Inland Bays Citizen Monitor Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
<b>Assawoman Bay</b>							
<u>Roy Creek</u>							
BA01: Keenwick on Bay, Roy Creek							
	4/4/2005	9:05	Surfc		No HABS found		
	4/25/2005	9:22	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	5/9/2005	8:55	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
<b>Assawoman Canal</b>							
IR50: Assawoman Canal at N end, marina dock							
	4/5/2005	9:37	Surfc		No HABS found		
	4/26/2005	9:07	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	5/10/2005	8:45	Surfc		No HABS found		
LA10: Assawoman Canal @ Kent Ave Bridge							
	4/4/2005	9:00	Surfc	<i>Heterocapsa triquetra</i> (B)		Present	
	4/25/2005	8:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/25/2005	8:30	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	5/2/2005	8:00	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	5/9/2005	8:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/9/2005	8:10	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	4/5/2005	10:07	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	4/26/2005	9:25	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/26/2005	9:25	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	5/10/2005	9:05	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	5/10/2005	9:05	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.112
	5/10/2005	9:05	Surfc	<i>Kryptoperidinium foliaceum-2</i> (B)		Present	
	5/10/2005	9:05	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.							
	4/5/2005	9:48	Surfc		No HABS found		
	4/26/2005	9:16	Surfc		No HABS found		
	5/10/2005	8:55	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
<b>Broadkill River</b>							
BR01: Broadkill river @ PEL dock.							
	4/5/2005	12:00	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	4/5/2005	12:00	Surfc	<i>Ditylum</i> sp. (T)		Present	
	4/5/2005	12:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/5/2005	12:00	Surfc	<i>Heterocapsa triquetra</i> (B)		Present	
	4/5/2005	12:00	Surfc	<i>Rhizosolenia</i> spp. (B)		Present	
	4/26/2005	12:00	Surfc	<i>Ditylum</i> sp. (T)		Present	
	4/26/2005	12:00	Surfc	<i>Rhizosolenia</i> spp. (B)		Present	

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## Delaware Inland Bays Citizen Monitoring Program

12-May-05

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

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Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
<b>Broadkill River</b>							
BR01: Broadkill river @ PEL dock.							
	5/10/2005	13:35	Surfc		No HABs found		
<b>Indian River</b>							
IR04: Warwick Cove							
	4/5/2005	9:24	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	4/25/2005	9:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/9/2005	9:48	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
IR07: Holt's Landing State Park							
	4/5/2005	9:19	Surfc		No HABs found		
	4/26/2005	8:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
IR11: Big Ditch Point							
	4/4/2005	8:15	Surfc		No HABs found		
	4/25/2005	7:00	Surfc		No HABs found		
	5/9/2005	11:15	Surfc		No HABs found		
IR20: Bay Colony							
	4/25/2005	8:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/11/2005	8:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>White Creek</u>							
IR32: Holly Terrace Acres							
	4/5/2005	9:37	Surfc		No HABs found		
	4/26/2005	9:24	Surfc		No HABs found		
	5/10/2005	9:02	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
WC15: White Creek - west prong near Food Lion							
	5/10/2005	8:30	Surfc		No HABs found		
<b>Lewes - Rehoboth Canal</b>							
RB02: Lewes - Rehoboth Canal at Lewes							
	4/5/2005	8:15	Net	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	4/5/2005	8:15	Net	<i>Ditylum sp. (T)</i>		Present	
	4/5/2005	8:15	Net	<i>Heterocapsa rotundata (B)</i>		Present	
	4/5/2005	8:15	Net	<i>Rhizosolenia spp. (B)</i>		Present	
	4/5/2005	8:15	Surfc	<i>Chaetoceros sp. (T)</i>		Many	
	4/5/2005	8:15	Surfc	<i>Ditylum sp. (T)</i>		Present	
	4/5/2005	8:15	Surfc	<i>Heterocapsa triquetra (B)</i>		Present	
	4/5/2005	8:15	Surfc	<i>Rhizosolenia spp. (B)</i>		Present	
	4/26/2005	8:40	Net	<i>Ceratium spp. (T)</i>		Present	
	4/26/2005	8:40	Net	<i>Chaetoceros sp. (T)</i>		Present	
	4/26/2005	8:40	Net	<i>Ditylum sp. (T)</i>		Present	
	4/26/2005	8:40	Net	<i>Rhizosolenia spp. (B)</i>		Present	
	4/26/2005	8:40	Surfc		No HABs found		
	5/10/2005	8:40	Net	<i>Rhizosolenia spp. (B)</i>		Present	
	5/10/2005	8:40	Surfc		No HABs found		
<b>Little Assawoman Bay</b>							
LA15B: Red channel marker #12							
	5/3/2005	9:40	Surfc	<i>Prorocentrum minimum (T)</i>		Present	

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<b>Little Assawoman Bay</b>							
LA35B: Red Channel marker #28, across from Miller Creek	5/3/2005	9:26	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.525
LA42B: Narrows, South of state beach at point	5/3/2005	9:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/3/2005	9:30	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.350
<b>Dirickson Creek</b>							
LA03: Mulberry Landing	4/4/2005	8:25	Surfc	<i>Amphidinium sp.</i> (T)		Present	0.080
	4/4/2005	8:25	Surfc	<i>Chaetoceros sp.</i> (T)		Many	3.375
	4/4/2005	8:25	Surfc	<i>Dinophysis acuminata</i> (T)		Present	0.080
	4/4/2005	8:25	Surfc	<i>Heterocapsa triquetra</i> (B)		Common	0.550
	4/4/2005	8:25	Surfc	<i>Prorocentrum minimum</i> (T)		Present	0.080
	4/25/2005	8:35	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.175
	5/9/2005	8:05	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.137
LA09: Dirickson Creek at Road 381 bridge.	4/4/2005	9:25	Surfc		No HABs found		
	4/25/2005	9:39	Surfc		No HABs found		
	5/9/2005	9:10	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd	4/4/2005	9:50	Surfc	<i>Chaetoceros sp.</i> (T)		Common	0.100
	4/4/2005	9:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/4/2005	9:50	Surfc	<i>Heterocapsa triquetra</i> (B)		Common	0.175
	4/25/2005	9:38	Surfc	<i>Amphidinium sp.</i> (T)		Present	0.014
	4/25/2005	9:38	Surfc	<i>Heterocapsa triquetra</i> (B)		Present	
	4/25/2005	9:38	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	5/9/2005	9:03	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
LA22B: Dirickson Creek upper section between Williams Creek and the LA09, mid channel near duck blind.	5/3/2005	9:55	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
<b>Jefferson Creek</b>							
SB10E: SB: Russell Canal east dead end	4/4/2005	9:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/25/2005	9:17	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/25/2005	9:17	Surfc	<i>Prorocentrum minimum</i> (T)		Many	2.140
	5/9/2005	8:42	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
SB10W: SB: Russell Canal west dead end	4/4/2005	9:25	Surfc	<i>Chaetoceros sp.</i> (T)		Present	
	4/4/2005	9:25	Surfc	<i>Dinophysis acuminata</i> (T)		Present	0.005
	4/4/2005	9:25	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/4/2005	9:25	Surfc	<i>Heterocapsa triquetra</i> (B)		Present	
	4/4/2005	9:25	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	4/25/2005	9:12	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/25/2005	9:12	Surfc	<i>Prorocentrum minimum</i> (T)		Many	1.820
	5/9/2005	8:36	Surfc		No HABs found		

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<b>Little Assawoman Bay</b>							
<u>Miller Creek</u>							
LA33B: Camp Barnes dock - by boat							
	5/3/2005	9:17	Surfc	<i>Prorocentrum minimum (T)</i>		Many	1.350
<b>Rehoboth Bay</b>							
ML: Massey's Landing							
	4/4/2005	11:00	Surfc		No HABs found		
	4/25/2005	11:32	Surfc		No HABs found		
	5/9/2005	11:00	Surfc		No HABs found		
RB07: West Bay Park							
	4/5/2005	10:50	Surfc		No HABs found		
	4/26/2005	10:54	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/10/2005	8:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	4/5/2005	10:29	Surfc		No HABs found		
	4/26/2005	9:50	Surfc	<i>Heterocapsa triquetra (B)</i>		Present	
	5/10/2005	10:25	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	5/10/2005	10:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.100
	5/10/2005	10:25	Surfc	<i>Heterocapsa triquetra (B)</i>		Present	
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	4/4/2005	11:22	Surfc		No HABs found		
	4/26/2005	10:14	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/9/2005	11:35	Surfc		No HABs found		
RB06: Guinea Creek (Winding Creek Village)							
	4/4/2005	9:40	Surfc		No HABs found		
	4/25/2005	10:35	Surfc		No HABs found		
	5/3/2005	8:40	Surfc	<i>"Gymnodinioid" sp. (S)</i>	10-15 um Grn	Present	
	5/10/2005	9:10	Surfc		No HABs found		
RB06A: Guinea Creek @ Rd 298 Bridge							
	4/4/2005	11:40	Surfc		No HABs found		
	4/26/2005	10:30	Surfc		No HABs found		
	5/11/2005	10:45	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.112
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	4/3/2005	9:00	Surfc		No HABs found		
	4/25/2005	9:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/9/2005	9:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	4/5/2005	11:08	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	4/26/2005	11:13	Surfc		No HABs found		
	5/10/2005	11:15	Surfc		No HABs found		

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