

Harmful Algae Report

All data between 5/27/2005 and 6/9/2005

Delaware Inland Bays Citizen Monitor Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MCL
Assawoman Bay							
<u>Roy Creek</u>							
BA01: Keenwick on Bay, Roy Creek							
	6/6/2005	9:05	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	6/6/2005	9:05	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
Assawoman Canal							
IR50: Assawoman Canal at N end, marina dock							
	6/7/2005	8:33	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
LA10: Assawoman Canal @ Kent Ave Bridge							
	5/31/2005	8:05	Surfc		No HABs found		
	6/6/2005	8:00	Surfc		No HABs found		
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	5/31/2005	9:05	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	5/31/2005	9:05	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	5/31/2005	9:05	Surfc	<i>Protopteridinium quinquecorne (B)</i>		Present	
	6/7/2005	8:15	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.							
	6/7/2005	8:23	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.24
	6/7/2005	8:23	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.10
	6/7/2005	8:23	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Common	0.16
Broadkill River							
BR01: Broadkill river @ PEL dock.							
	6/1/2005	9:02	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/7/2005	13:25	Surfc		No HABs found		
BR14B: Broadkill River at Oyster Rocks Rd by boat							
	6/1/2005	9:59	Surfc		No HABs found		
BR20B: Broadkill River at Milton tidal pond by boat							
	6/1/2005	11:46	Surfc		No HABs found		
BR31B: Broadkill River SE of Deep Hole Creek by boat							
	6/1/2005	9:37	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Deep Hole Creek</u>							
BR13bB: Deep Hole Creek by boat							
	6/1/2005	9:46	Surfc		No HABs found		
<u>Red Mill Creek</u>							
BR33B: Red Mill Creek by boat							
	6/1/2005	9:54	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/1/2005	9:54	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
Delaware Bay							
<u>Canary Creek</u>							

Name subsripts: (B) - nontoxic bloom former; (S) - cell similar to a known toxic cell; (T) - potentially toxic cell.

MCL - Million Cells per Liter. Abundance Levels: Not Found: Looked for, but no cells found; Present: < 0.1 MCL; Common: 0.1 - 1 MCL; Many: 1 - 10 MCL; Abundant: 10 - 100 MCL; Very Abundant: > 100 MCL.

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Delaware Bay							
<u>Canary Creek</u>							
BR19: Canary Creek at New Road	6/1/2005	8:44	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
BR40: Canary Creek at Pilottown Rd	6/1/2005	8:52	Surfc	<i>Amphidinium sp. (T)</i>		Present	
	6/1/2005	8:52	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.10
	6/1/2005	8:52	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	6/8/2005	9:15	Surfc	<i>Amphidinium sp. (T)</i>		Present	
	6/8/2005	9:15	Surfc	<i>Chaetoceros sp. (T)</i>		Present	
	6/8/2005	9:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
Indian River							
IR04: Warwick Cove	6/6/2005	10:11	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	6/6/2005	10:11	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/6/2005	10:11	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	6/6/2005	10:11	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
IR07: Holt's Landing State Park	6/8/2005	9:12	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	6/8/2005	9:12	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
IR11: Big Ditch Point	6/6/2005	8:30	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
IR20: Bay Colony	6/6/2005	8:10	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	6/6/2005	8:10	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
IR41B: Indian River buoy #1	5/31/2005	16:36	Surfc		No HABs found		
IR42B: Indian River buoy # 26	5/31/2005	16:20	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
IR43B: Indian River buoy #22	5/31/2005	16:27	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
<u>White Creek</u>							
IR32: Holly Terrace Acres	6/7/2005	9:42	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	6/7/2005	9:42	Surfc	<i>Dinophysis acuminata (T)</i>		Present	0.01
	6/7/2005	9:42	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/7/2005	9:42	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.11
	6/7/2005	9:42	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	6/7/2005	9:42	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
IR59: White Creek - west prong near Food Lion	6/8/2005	8:59	Surfc		No HABs found		
IR60A: 4 Cristy Lane, Ocean View; E Branch of White Creek	6/8/2005	8:43	Surfc		No HABs found		
Lewes - Rehoboth Canal							
RB02: Lewes - Rehoboth Canal at Lewes							

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Lewes - Rehoboth Canal							
RB02: Lewes - Rehoboth Canal at Lewes							
	6/7/2005	8:25	Net	<i>Rhizosolenia spp. (B)</i>		Present	
	6/7/2005	8:25	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	6/7/2005	8:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
Little Assawoman Bay							
LA15B: Red channel marker #12							
	5/31/2005	15:58	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
LA35B: Red Channel marker #28, across from Miller Creek							
	5/31/2005	15:43	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
LA42B: Narrows, South of state beach at point							
	5/31/2005	15:48	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
LA45: Fenwick Island Bayside							
	6/7/2005	8:30	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	6/7/2005	8:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/7/2005	8:30	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	6/6/2005	8:15	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	6/6/2005	8:50	Surfc		No HABs found		
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	6/6/2005	8:37	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
LA22B: Dirickson Creek upper section between Williams Creek and the LA09, mid channel near duck blind.							
	5/31/2005	16:08	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end							
	5/31/2005	8:42	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	5/31/2005	8:42	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	6/6/2005	9:00	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	6/6/2005	9:00	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
SB10W: SB: Russell Canal west dead end							
	5/31/2005	8:45	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
	6/6/2005	9:04	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Present	
<u>Miller Creek</u>							
LA31: Double Bridges road bridge at Plantation Park							
	6/8/2005	8:28	Surfc		No HABs found		
LA33B: Camp Barnes dock - by boat							
	5/31/2005	15:34	Surfc	" <i>Gymnodinioid</i> " sp. (S)	15-25 um Grn	Common	0.11
	5/31/2005	15:34	Surfc	<i>Prorocentrum minimum (T)</i>		Common	0.20
<u>Williams Creek</u>							
LA21: Williams Creek tributary, bridge on Rd 364a							
	6/8/2005	8:18	Surfc		No HABs found		
Pepper Creek							

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Pepper Creek							
<u>Indian River</u>							
IR44B: Pepper Creek buoy #2							
	5/31/2005	16:05	Surfc		No HABs found		
Rehoboth Bay							
ML: Massey's Landing							
	6/6/2005	11:30	Surfc		No HABs found		
RB07: West Bay Park							
	6/7/2005	8:40	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	6/7/2005	8:40	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	6/7/2005	8:40	Surfc	<i>Prorocentrum minimum (T)</i>		Many	3.08
RB67B: Rehoboth Bay, Buoy #7A							
	5/27/2005	9:30	Surfc		No HABs found		
RB68B: Rehoboth Bay, Buoy # 3							
	5/27/2005	10:00	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	6/7/2005	9:02	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Many	2.40
	6/7/2005	9:02	Surfc	<i>Kryptoperidinium foliaceum-2 (B)</i>		Present	
	6/7/2005	9:02	Surfc	<i>Prorocentrum minimum (T)</i>		Many	3.30
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	6/6/2005	11:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
RB06: Guinea Creek (Winding Creek Village)							
	6/6/2005	8:30	Surfc		No HABs found		
RB06A: Guinea Creek @ Rd 298 Bridge							
	6/7/2005	10:35	Surfc		No HABs found		
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	6/7/2005	10:50	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Common	0.13
	6/7/2005	10:50	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/7/2005	10:50	Surfc	<i>Prorocentrum minimum (T)</i>		Common	0.14
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	6/6/2005	12:25	Surfc	<i>Prorocentrum minimum (T)</i>		Common	0.57
RLC1W: shellfish site, mouth of Love Creek.							
	5/27/2005	10:30	Surfc	<i>"Gymnodinioid" sp. (S)</i>	15-25 um Grn	Present	
	5/27/2005	10:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/27/2005	10:30	Surfc	<i>Heterocapsa triquetra (B)</i>		Present	
	5/27/2005	10:30	Surfc	<i>Prorocentrum minimum (T)</i>		Present	

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