

# Harmful Algae Report

All data between 4/1/2007 and 5/18/2007

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
<b>Assawoman Bay</b>							
<u>Roy Creek</u>							
BA01: Keenwick on Bay, Roy Creek							
	4/17/2007	9:20	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.29
	5/8/2007	9:09	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/8/2007	9:09	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<b>Broadkill River</b>							
BR01: Broadkill river @ PEL dock.							
	4/17/2007	9:40	Surfc	<i>Ditylum spp. (T)</i>		Present	
	4/17/2007	9:40	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	
	5/9/2007	9:06	Net	<i>Chaetoceros spp. (T)</i>		Present	
	5/9/2007	9:06	Net	<i>Heterocapsa triquetra (B)</i>		Present	
	5/9/2007	9:06	Net	<i>Rhizosolenia spp. (T)</i>		Present	
<u>Deep Hole Creek</u>							
BR132: 2703 S. Bayshore Drive							
	4/18/2007	6:15	Surfc	<i>Anabaena spp. (T)</i>		Many	1.33
	4/18/2007	6:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<b>Delaware Bay</b>							
<u>Canary Creek</u>							
BR40: Canary Creek at Pilottown Rd							
	4/18/2007	9:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	4/18/2007	9:30	Surfc	<i>Pseudo-nitzschia spp. (T)</i>		Common	0.36
	4/18/2007	9:30	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	
<b>Indian River</b>							
IR21: Entrance to Boat House Pond, Indian River Bay							
	4/16/2007	8:40	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	4/16/2007	8:40	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	
	5/8/2007	10:50	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	5/8/2007	10:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	5/8/2007	10:50	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
<u>Assawoman Canal</u>							
IR50: Assawoman Canal at N end, marina dock							
	4/16/2007	9:24	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	5/8/2007	7:59	Surfc	<i>Amphidinium spp. (T)</i>		Common	0.15
	5/8/2007	7:59	Surfc	<i>Ceratium sp. (T)</i>		Present	
	5/8/2007	7:59	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.14
	5/8/2007	7:59	Surfc	<i>Karlodinium veneficum (T)</i>		Present	

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

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<b>Indian River</b>							
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	5/8/2007	7:59	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	5/8/2007	7:59	Surfc	<i>Prorocentrum minimum (T)</i>		Common	0.30
	5/15/2007	8:13	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	5/15/2007	8:13	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	5/15/2007	8:13	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
<u>Indian River</u>							
IR04: Warwick Cove							
	4/17/2007	9:46	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	4/17/2007	9:46	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	4/17/2007	9:46	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	5/7/2007	10:28	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
IR07: Holt's Landing State Park							
	4/17/2007	8:21	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	4/17/2007	8:21	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	4/17/2007	8:21	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	5/8/2007	8:51	Surfc	<i>Heterocapsa triquetra (B)</i>		Present	
IR20: Bay Colony							
	4/23/2007	8:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.19
	5/14/2007	8:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore							
	4/17/2007	9:00	Surfc	<i>Rhizosolenia spp. (T)</i>		Present	
<u>Vines Creek</u>							
IR38: Vines Lane							
	4/11/2007	7:50	Surfc	<i>Heterocapsa triquetra (B)</i>		Present	
	4/11/2007	7:50	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	4/19/2007	10:00	Net	<i>Heterocapsa triquetra (B)</i>		Present	
	4/19/2007	10:00	Net	<i>Prorocentrum minimum (T)</i>		Present	
	4/19/2007	10:00	Net	<i>Rhizosolenia spp. (T)</i>		Present	
	4/25/2007	8:30	Surfc	<i>Heterocapsa triquetra (B)</i>		Present	
	5/3/2007	7:45	Surfc	<i>Heterocapsa triquetra (B)</i>		Present	
	5/3/2007	7:45	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	5/10/2007	7:45	Net	<i>Chaetoceros spp. (T)</i>		Present	
	5/10/2007	7:45	Net	<i>Dinophysis acuminata (T)</i>		Present	
	5/10/2007	7:45	Net	<i>Heterocapsa triquetra (B)</i>		Present	
	5/10/2007	7:45	Net	<i>Prorocentrum minimum (T)</i>		Present	
	5/10/2007	7:45	Net	<i>Rhizosolenia spp. (T)</i>		Present	
	5/10/2007	7:45	Net	<i>Scrippsiella sp. (B)</i>		Present	
	5/10/2007	7:45	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	4/16/2007	9:20	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	

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<b>Indian River</b>							
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	4/16/2007	9:20	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	5/8/2007	9:53	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	5/8/2007	9:53	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	5/8/2007	9:53	Surfc	<i>Prorocentrum minimum</i> (T)		Abundant	20.70
	5/15/2007	8:32	Surfc	<i>Prorocentrum minimum</i> (T)		Very Abundant	129.40
	5/16/2007	14:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	5/16/2007	14:00	Surfc	<i>Prorocentrum minimum</i> (T)		Abundant	17.20
<b>Little Assawoman Bay</b>							
LA45: Fenwick Island Bayside							
	4/17/2007	9:37	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
<u>Assawoman Canal</u>							
LA10: Assawoman Canal @ Kent Ave Bridge							
	5/7/2007	8:00	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	5/14/2007	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/14/2007	8:00	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	4/23/2007	8:45	Surfc	<i>Chaetoceros spp.</i> (T)		Common	0.15
	4/23/2007	8:45	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/23/2007	8:45	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	5/7/2007	9:00	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	5/7/2007	9:00	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	5/7/2007	9:42	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end							
	4/16/2007	8:50	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/7/2007	8:33	Surfc	<i>Amphidinium spp.</i> (T)		Common	0.10
	5/7/2007	8:33	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.25
	5/14/2007	8:36	Surfc	<i>Amphidinium spp.</i> (T)		Present	
	5/14/2007	8:36	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	5/14/2007	8:36	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
SB10W: SB: Russell Canal west dead end							
	4/16/2007	8:45	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/16/2007	8:45	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	5/14/2007	8:29	Surfc	<i>Amphidinium spp.</i> (T)		Present	
	5/14/2007	8:29	Surfc	<i>Karlodinium veneficum</i> (T)		Present	

### Rehoboth Bay

ML: Massey's Landing

4/16/2007	11:08	Surfc	<i>Heterocapsa triquetra</i> (B)	Present
4/16/2007	11:08	Surfc	<i>Rhizosolenia spp.</i> (T)	Present

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<b>Rehoboth Bay</b>							
ML: Massey's Landing							
	5/7/2007	11:10	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/7/2007	11:10	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	5/7/2007	11:10	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	5/7/2007	11:10	Surfc	<i>Rhizosolenia</i> spp. (T)		Present	
RB07: West Bay Park							
	4/17/2007	7:00	Surfc	<i>Rhizosolenia</i> spp. (T)		Present	
	5/8/2007	8:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
<b>Bald Eagle Creek</b>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	4/17/2007	9:09	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	5/8/2007	9:40	Surfc	<i>Chaetoceros</i> spp. (T)		Common	0.16
	5/8/2007	9:40	Surfc	<i>Dinophysis acuminata</i> (T)		Present	0.01
	5/8/2007	9:40	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/8/2007	9:40	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	5/8/2007	9:40	Surfc	<i>Pseudo-nitzschia</i> spp. (T)		Present	0.05
<b>Guinea Creek</b>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	4/16/2007	11:58	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	4/16/2007	11:58	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	5/7/2007	11:45	Surfc	<i>Chaetoceros</i> spp. (T)		Present	
	5/7/2007	11:45	Surfc	<i>Heterocapsa triquetra</i> (B)		Present	
	5/7/2007	11:45	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	5/7/2007	11:45	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.45
	5/7/2007	11:45	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	5/7/2007	11:45	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.29
RB06: Guinea Creek (Winding Creek Village)							
	4/16/2007	12:25	Surfc	<i>Dinophysis acuminata</i> (T)		Present	0.04
	4/16/2007	12:25	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	4/16/2007	12:25	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	5/8/2007	10:25	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.10
RB06A: Guinea Creek @ Rd 298 Bridge							
	5/7/2007	12:06	Surfc	<i>Prorocentrum minimum</i> (T)		Common	0.50
<b>Herring Creek</b>							
RB04: Herring Creek, Mid-Section							
	4/17/2007	11:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	5/8/2007	11:25	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
<b>Love Creek</b>							
RB34: Love Creek at Rt 24 Bridge							
	5/7/2007	12:58	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	

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