

Harmful Algae Report

All data between 6/2/2007 and 6/14/2007

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Assawoman Bay							
<u>Roy Creek</u>							
BA01: Keenwick on Bay, Roy Creek							
	6/5/2007	9:04	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	6/5/2007	9:04	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.40
	6/5/2007	9:04	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	6/5/2007	9:04	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
Broadkill River							
BR01: Broadkill river @ PEL dock.							
	6/6/2007	12:00	Net	<i>Chaetoceros spp. (T)</i>		Present	
	6/6/2007	12:00	Net	<i>Dinophysis acuminata (T)</i>		Present	
	6/6/2007	12:00	Net	<i>Heterocapsa rotundata (B)</i>		Present	
	6/6/2007	12:00	Net	<i>Prorocentrum sp. (T)</i>		Present	
	6/6/2007	12:00	Net	<i>Pseudo-nitzschia spp. (T)</i>		Present	
	6/6/2007	12:00	Net	<i>Rhizosolenia spp. (T)</i>		Present	
	6/6/2007	12:00	Net	<i>Scrippsiella sp. (B)</i>		Present	
	6/6/2007	12:00	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
BR20: Broadkill River at Milton tidal pond							
	6/6/2007	10:56	Surfc		No HABs found		
<u>Deep Hole Creek</u>							
BR132: 2703 S. Bayshore Drive							
	6/6/2007	6:20	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Old Mill Creek</u>							
BR21: Old Mill Creek downstream from Red Mill Pond							
	6/6/2007	13:10	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Common	0.11
<u>Prime Hook Creek</u>							
BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.							
	6/6/2007	12:10	Surfc	<i>Anabaena spp. (T)</i>		Many	1.25
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
	6/6/2007	11:37	Surfc	<i>Anabaena spp. (T)</i>		Many	1.38
	6/6/2007	11:37	Surfc	<i>Cylindrospermopsis (T)</i>		Common	0.75
BR04: Prime Hook NWR Osprey area near Walls Island water control structure, 400m SE of Rt. 16.							
	6/6/2007	12:24	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/6/2007	12:24	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/6/2007	12:24	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Common	0.15
Delaware Bay							
<u>Canary Creek</u>							
BR19: Canary Creek at New Road							
	6/6/2007	15:13	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	

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Delaware Bay							
<u>Canary Creek</u>							
BR19: Canary Creek at New Road	6/6/2007	18:08	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/6/2007	18:08	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
BR40: Canary Creek at Pilottown Rd	6/6/2007	9:10	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
Indian River							
IR11: Big Ditch Point	6/4/2007	7:30	Surfc		No HABs found		
IR21: Entrance to Boat House Pond, Indian River Bay	6/4/2007	7:10	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Assawoman Canal</u>							
IR50: Assawoman Canal at N end, marina dock	6/4/2007	8:59	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach	6/4/2007	8:38	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.	6/4/2007	8:45	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	6/4/2007	8:45	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/4/2007	8:45	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
<u>Indian River</u>							
IR04: Warwick Cove	6/4/2007	9:51	Surfc		No HABs found		
IR07: Holt's Landing State Park	6/5/2007	8:19	Surfc		No HABs found		
IR20: Bay Colony	6/5/2007	8:15	Surfc		No HABs found		
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek	6/4/2007	10:04	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	6/4/2007	10:04	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
IR59: White Creek - west prong near Food Lion	6/5/2007	8:35	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/5/2007	8:35	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.63
	6/5/2007	8:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/5/2007	8:35	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/5/2007	8:35	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	6/5/2007	8:35	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	6/5/2007	8:35	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Common	0.41
IR60A: 4 Cristy Lane, Ocean View; E Branch of White Creek	6/4/2007	9:09	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	6/4/2007	9:09	Surfc	<i>Microcystis spp. (T)</i>		Many	1.25

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Indian River							
<u>White Creek</u>							
IR60A: 4 Cristy Lane, Ocean View; E Branch of White Creek							
	6/4/2007	9:09	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
Little Assawoman Bay							
LA15B: Red channel marker #12							
	6/11/2007	7:28	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
LA35B: Red Channel marker #28, across from Miller Creek							
	6/11/2007	7:12	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/11/2007	7:12	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
LA42B: Narrows, South of state beach at point							
	6/11/2007	7:18	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	6/11/2007	7:18	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
LA45: Fenwick Island Bayside							
	6/5/2007	8:00	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/5/2007	8:00	Surfc	<i>Chaetoceros</i> spp. (T)		Common	0.29
	6/5/2007	8:00	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
<u>Assawoman Canal</u>							
LA10: Assawoman Canal @ Kent Ave Bridge							
	6/4/2007	7:50	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/4/2007	7:50	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/4/2007	7:50	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
	6/11/2007	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/11/2007	8:00	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	6/4/2007	8:58	Surfc	" <i>Gymnodinioid</i> " sp.	10-15 um Grn	Present	
	6/4/2007	8:58	Surfc	<i>Chaetoceros</i> spp. (T)		Present	
	6/4/2007	8:58	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.34
	6/4/2007	8:58	Surfc	<i>Prorocentrum minimum</i> (T)		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	6/4/2007	9:32	Surfc	<i>Gyrodinium instriatum</i> (B)		Many	2.00
	6/4/2007	9:32	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/4/2007	9:32	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	6/5/2007	8:52	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/5/2007	8:52	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	6/5/2007	8:52	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
LA22B: Dirickson Creek upper section between Williams Creek and the LA09, mid channel near duck blind.							
	6/11/2007	7:43	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	6/11/2007	7:43	Surfc	<i>Scrippsiella</i> sp. (B)		Present	
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end							
	6/4/2007	8:21	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	

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Little Assawoman Bay							
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end							
	6/4/2007	8:21	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/4/2007	8:21	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	6/4/2007	8:21	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	6/4/2007	8:21	Surfc	<i>Oscillatoria spp. (B)</i>		Common	0.31
	6/4/2007	8:21	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	6/11/2007	8:43	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/11/2007	8:43	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
SB10W: SB: Russell Canal west dead end							
	6/4/2007	8:27	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	6/4/2007	8:27	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/4/2007	8:27	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	6/11/2007	8:49	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	6/11/2007	8:49	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Miller Creek</u>							
LA31: Double Bridges road bridge at Plantation Park							
	6/5/2007	7:55	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	6/5/2007	7:55	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
LA33B: Camp Barnes dock - by boat							
	6/11/2007	7:05	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Williams Creek</u>							
LA21: Williams Creek tributary, bridge on Rd 364a							
	6/4/2007	9:42	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.17
	6/4/2007	9:42	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/4/2007	9:42	Surfc	<i>Heterosigma akashiwo. (T)</i>		Many	1.78
	6/4/2007	9:42	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	6/4/2007	9:42	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Many	2.68
	6/4/2007	9:42	Surfc	<i>Protooperidinium quinquecorne (B)</i>		Present	
Rehoboth Bay							
ML: Massey's Landing							
	6/4/2007	11:52	Surfc		No HABS found		
RB07: West Bay Park							
	6/5/2007	7:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/5/2007	7:30	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/5/2007	7:30	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	6/5/2007	9:16	Surfc	<i>"Gymnodinioid" sp.</i>	10-15 um Grn	Present	
	6/5/2007	9:16	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/5/2007	9:16	Surfc	<i>Karlodinium veneficum (T)</i>		Common	0.71
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
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Rehoboth Bay							
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	6/4/2007	12:20	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/4/2007	12:20	Surfc	<i>Navicula (small) (B*)</i>		Abundant	81.00
RB06: Guinea Creek (Winding Creek Village)							
	6/4/2007	12:45	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	6/4/2007	12:45	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.20
	6/4/2007	12:45	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	6/4/2007	12:45	Surfc	<i>Navicula (small) (B*)</i>		Very Abundant	120.10
	6/4/2007	12:45	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
RB06A: Guinea Creek @ Rd 298 Bridge							
	6/4/2007	12:38	Surfc		No HABs found		
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	6/5/2007	10:43	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	6/5/2007	10:43	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	6/5/2007	10:43	Surfc	<i>Navicula (small) (B*)</i>		Very Abundant	324.00
	6/5/2007	10:43	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
<u>Lewes - Rehoboth Canal</u>							
RB02: Lewes - Rehoboth Canal at Lewes							
	6/13/2007	8:35	Net	<i>Chaetoceros spp. (T)</i>		Present	
	6/13/2007	8:35	Net	<i>Prorocentrum sp. (T)</i>		Present	
	6/13/2007	8:35	Net	<i>Rhizosolenia spp. (T)</i>		Present	
	6/13/2007	8:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	6/5/2007	11:20	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.17

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