

Harmful Algae Report

All data between 6/15/2007 and 6/29/2007

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							
	6/26/2007	8:56	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/26/2007	8:56	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
Atlantic Ocean							
RWPM9: Gordon's Pond (1)							
	6/25/2007	9:55	Surfc	" <i>Gymnodinioid</i> " sp. (S)	25-40 um Grn	Abundant	44.00
	6/25/2007	9:55	Surfc	<i>Chaetoceros</i> spp. (T)		Present	
	6/27/2007	11:00	Surfc	<i>Chaetoceros</i> spp. (T)		Present	
Broadkill River							
BR01: Broadkill river @ PEL dock.							
	6/27/2007	8:30	Net	<i>Gyrodinium instriatum</i> (B)		Present	
	6/27/2007	8:30	Net	<i>Prorocentrum</i> sp. (T)		Present	
	6/27/2007	8:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
BR20: Broadkill River at Milton tidal pond							
	6/27/2007	11:07	Surfc		No HABs found		
<u>Deep Hole Creek</u>							
BR132: 2703 S. Bayshore Drive							
	6/27/2007	12:50	Surfc	<i>Anabaena</i> spp. (T)		Abundant	39.60
	6/27/2007	12:50	Surfc	<i>Chaetoceros</i> spp. (T)		Common	0.10
	6/27/2007	12:50	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
<u>Old Mill Creek</u>							
BR21: Old Mill Creek downstream from Red Mill Pond							
	6/27/2007	13:18	Surfc	<i>Anabaena</i> spp. (T)		Many	2.30
	6/27/2007	13:18	Surfc	<i>Cylindrospermopsis</i> (T)		Common	0.38
	6/27/2007	13:18	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Many	4.40
	6/27/2007	13:18	Surfc	<i>Microcystis</i> spp. (T)		Many	1.90
Delaware Bay							
<u>Canary Creek</u>							
BR19: Canary Creek at New Road							
	6/28/2007	9:45	Surfc	<i>Chaetoceros</i> spp. (T)		Common	0.59
	6/28/2007	9:45	Surfc	<i>Heterosigma akashiwo</i> . (T)		Common	0.38
	6/28/2007	9:45	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
BR40: Canary Creek at Pilottown Rd							
	6/27/2007	9:35	Surfc		No HABs found		
Indian River							
IR11: Big Ditch Point							
	6/25/2007	8:45	Surfc	<i>Karlodinium veneficum</i> (T)		Present	

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Indian River							
IR21: Entrance to Boat House Pond, Indian River Bay							
	6/25/2007	8:15	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
<u>Assawoman Canal</u>							
IR50: Assawoman Canal at N end, marina dock							
	6/25/2007	9:22	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/25/2007	9:22	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	6/25/2007	9:04	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/25/2007	9:04	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.52
	6/25/2007	9:04	Surfc	<i>Fibrocapsa japonica</i> (T)		Common	0.17
	6/25/2007	9:04	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/25/2007	9:04	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/25/2007	9:04	Surfc	<i>Heterosigma akashiwo</i> . (T)		Common	0.13
	6/25/2007	9:04	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.							
	6/25/2007	9:10	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/25/2007	9:10	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/25/2007	9:10	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/25/2007	9:10	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.26
<u>Indian River</u>							
IR04: Warwick Cove							
	6/18/2007	10:25	Surfc	<i>Heterocapsa rotundata</i> (B)		Many	3.30
	6/18/2007	10:25	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.17
	6/25/2007	10:42	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/25/2007	10:42	Surfc	<i>Heterosigma akashiwo</i> . (T)		Common	0.25
	6/25/2007	10:42	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.10
IR07: Holt's Landing State Park							
	6/26/2007	9:02	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
IR20: Bay Colony							
	6/25/2007	8:20	Surfc		No HABs found		
<u>Vines Creek</u>							
IR38: Vines Lane							
	6/25/2007	7:45	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek							
	6/25/2007	9:49	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.13
	6/25/2007	9:49	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/25/2007	9:49	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/25/2007	9:49	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/25/2007	9:49	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	6/25/2007	9:49	Surfc	<i>Scrippsiella sp.</i> (B)		Present	

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Indian River							
<u>White Creek</u>							
IR59: White Creek - west prong near Food Lion							
	6/26/2007	8:47	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/26/2007	8:47	Surfc	<i>Chattonella subsalsa</i> (T)		Many	3.08
	6/26/2007	8:47	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
IR60A: 4 Cristy Lane, Ocean View; E Branch of White Creek							
	6/26/2007	8:24	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/26/2007	8:24	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	6/26/2007	8:24	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/26/2007	8:24	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	6/26/2007	8:24	Surfc	<i>Prorocentrum gracile</i> (B)		Present	
	6/26/2007	8:24	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
Little Assawoman Bay							
LA45: Fenwick Island Bayside							
	6/26/2007	8:01	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.10
<u>Assawoman Canal</u>							
LA10: Assawoman Canal @ Kent Ave Bridge							
	6/18/2007	8:09	Surfc		No HABs found		
	6/25/2007	7:55	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	6/25/2007	7:55	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	6/25/2007	7:55	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	6/25/2007	8:35	Surfc	" <i>Gymnodinioid</i> " sp. (S)	10-15 um Grn	Present	
	6/25/2007	8:35	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	6/25/2007	8:35	Surfc	<i>V. small</i> , <5 um centrics (B*)		Abundant	11.00
LA09: Dirickson Creek at Road 381 bridge.							
	6/25/2007	9:25	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.46
	6/25/2007	9:25	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/25/2007	9:25	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	6/25/2007	9:25	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	6/25/2007	9:25	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	6/26/2007	8:43	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/26/2007	8:43	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/26/2007	8:43	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.14
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end							
	6/18/2007	8:33	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/18/2007	8:33	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/18/2007	8:33	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
	6/25/2007	8:27	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/25/2007	8:27	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	

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Little Assawoman Bay							
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end	6/25/2007	8:27	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	6/25/2007	8:27	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
SB10W: SB: Russell Canal west dead end	6/18/2007	8:39	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	6/18/2007	8:39	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.11
	6/25/2007	8:32	Surfc		No HABs found		
<u>Miller Creek</u>							
LA31: Double Bridges road bridge at Plantation Park	6/25/2007	8:43	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.50
	6/25/2007	8:43	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.11
	6/25/2007	8:43	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	6/25/2007	8:43	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.10
<u>Williams Creek</u>							
LA21: Williams Creek tributary, bridge on Rd 364a	6/25/2007	9:12	Surfc	<i>Chattonella cf. verruculosa</i> (B)		Common	0.21
	6/25/2007	9:12	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	6/25/2007	9:12	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.24
	6/25/2007	9:12	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/25/2007	9:12	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	6/25/2007	9:12	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Common	0.79
	6/25/2007	9:12	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Common	0.35
Rehoboth Bay							
ML: Massey's Landing	6/25/2007	11:57	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
RB07: West Bay Park	6/26/2007	8:25	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	6/26/2007	8:25	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
<u>Arnell Creek</u>							
AC2S: DNREC Site, Arnell Creek, surface sample	6/28/2007	14:05	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.25
	6/28/2007	14:05	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	6/28/2007	14:05	Surfc	<i>Navicula (small)</i> (B*)		Abundant	85.40
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.	6/26/2007	9:46	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.20
	6/26/2007	9:46	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
RB69: Torquay Canal DNREC site. TC1	6/28/2007	14:45	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	6/28/2007	14:45	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	6/28/2007	14:45	Surfc	<i>V. small, <5 um centrics</i> (B*)		Very Abundant	100.00

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Rehoboth Bay							
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	6/25/2007	13:24	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	6/25/2007	13:24	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	6/25/2007	13:24	Surfc	<i>Navicula (small) (B*)</i>		Abundant	15.60
	6/25/2007	13:24	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
RB06: Guinea Creek (Winding Creek Village)							
	6/25/2007	7:00	Surfc	<i>(Unknown) sp. (B*)</i>	10-15 um Grn trdrp	Very Abundant	119.90
	6/25/2007	7:00	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	6/25/2007	7:00	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	6/25/2007	7:00	Surfc	<i>Navicula (small) (B*)</i>		Abundant	17.20
RB06A: Guinea Creek @ Rd 298 Bridge							
	6/25/2007	13:50	Surfc		No HABs found		
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	6/26/2007	10:20	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Lewes - Rehoboth Canal</u>							
RB02: Lewes - Rehoboth Canal at Lewes							
	6/18/2007	8:35	Net	<i>Chaetoceros spp. (T)</i>		Present	
	6/18/2007	8:35	Net	<i>Heterocapsa rotundata (B)</i>		Present	
	6/18/2007	8:35	Net	<i>Scrippsiella sp. (B)</i>		Present	
	6/18/2007	8:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	6/18/2007	8:35	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	6/25/2007	8:30	Net	<i>Chaetoceros spp. (T)</i>		Present	
	6/25/2007	8:30	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	6/26/2007	11:15	Surfc		No HABs found		
RLC2S: DNREC site, upper Love Creek							
	6/28/2007	13:33	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	6/28/2007	13:33	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
Wagamon's Pond							
BR44: Wagamon's Pond at 202 Lake Drive, Milton							
	6/27/2007	11:00	Surfc	<i>Oscillatoria spp. (B)</i>		Common	

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