

Harmful Algae Report

All data between 7/28/2007 and 8/10/2007

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							
	8/7/2007	8:48	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/7/2007	8:48	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/7/2007	8:48	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/7/2007	8:48	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
Broadkill River							
BR01: Broadkill river @ PEL dock.							
	8/2/2007	13:45	Net	<i>Chaetoceros spp. (T)</i>		Present	
	8/2/2007	13:45	Net	<i>Dinophysis acuminata (T)</i>		Present	
	8/2/2007	13:45	Net	<i>Prorocentrum gracile (B)</i>		Present	
	8/2/2007	13:45	Net	<i>Prorocentrum minimum (T)</i>		Present	
	8/2/2007	13:45	Net	<i>Prorocentrum sp. (T)</i>		Present	
	8/8/2007	8:15	Net	<i>Chaetoceros spp. (T)</i>		Present	
	8/8/2007	8:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/8/2007	8:15	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
BR20: Broadkill River at Milton tidal pond							
	8/8/2007	10:50	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
<u>Deep Hole Creek</u>							
BR132: 2703 S. Bayshore Drive							
	8/8/2007	9:00	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	8/8/2007	9:00	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Old Mill Creek</u>							
BR21: Old Mill Creek downstream from Red Mill Pond							
	8/8/2007	12:55	Surfc	<i>Anabaena spp. (T)</i>		Common	0.13
	8/8/2007	12:55	Surfc	<i>Cylindrospermopsis (T)</i>		Common	0.38
	8/8/2007	12:55	Surfc	<i>Heterosigma akashiwo. (T)</i>		Many	1.75
	8/8/2007	12:55	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Common	0.15
	8/8/2007	12:55	Surfc	<i>Microcystis spp. (T)</i>		Many	1.25
	8/8/2007	12:55	Surfc	<i>Oscillatoria spp. (B)</i>		Common	0.13
<u>Prime Hook Creek</u>							
BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16.							
	8/8/2007	11:54	Surfc	<i>Cylindrospermopsis (T)</i>		Many	2.75
	8/8/2007	11:54	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/8/2007	11:54	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Common	0.54
BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters							
	8/8/2007	11:35	Surfc		No HABs found		
BR04: Prime Hook NWR Osprey area near Walls Island water control structure, 400m SE of Rt. 16.							

Name subsripts: (B) - nontoxic bloom former; (B*) - nontoxic bloom former reported only at levels > 10 MC/L; (S) - cell similar to a known toxic cell; (T) - potentially toxic cell.

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.

Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Broadkill River							
<u>Prime Hook Creek</u>							
BR04: Prime Hook NWR Osprey area near Walls Island water control structure, 400m SE of Rt. 16.							
	8/8/2007	12:15	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/8/2007	12:15	Surfc	<i>Oscillatoria spp. (B)</i>		Abundant	12.10
Delaware Bay							
<u>Canary Creek</u>							
BR19: Canary Creek at New Road							
	8/8/2007	9:04	Surfc	<i>Chaetoceros spp. (T)</i>		Common	0.35
	8/8/2007	9:04	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/8/2007	9:04	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.50
BR40: Canary Creek at Pilottown Rd							
	8/8/2007	9:45	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
Indian River							
IR11: Pot Nets Seaside Pier							
	8/6/2007	8:30	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/6/2007	8:30	Surfc	<i>Protooperidinium quinquecorne (B)</i>		Present	
IR21: Entrance to Boat House Pond, Indian River Bay							
	8/6/2007	7:00	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
<u>Assawoman Canal</u>							
IR50: Assawoman Canal at N end, marina dock							
	8/6/2007	9:01	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/6/2007	9:01	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/6/2007	9:01	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/6/2007	9:01	Surfc	<i>Protooperidinium quinquecorne (B)</i>		Present	
<u>Bethany Loop Canal</u>							
IR62: Loop Canal, Pa Ave terminus, Bethany Beach							
	8/6/2007	9:27	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/6/2007	9:27	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/6/2007	9:27	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/6/2007	9:27	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
IR64: Bethany Beach canal off dead end at 3rd street East of Evans Rd.							
	8/6/2007	9:15	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/6/2007	9:15	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.21
	8/6/2007	9:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/6/2007	9:15	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.10
	8/6/2007	9:15	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/6/2007	9:15	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	8/6/2007	9:15	Surfc	<i>Protooperidinium quinquecorne (B)</i>		Common	0.14
<u>Indian River</u>							
IR04: Warwick Cove							
	8/7/2007	9:24	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/7/2007	9:24	Surfc	<i>Chaetoceros spp. (T)</i>		Present	

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Indian River							
<u>Indian River</u>							
IR04: Warwick Cove	8/7/2007	9:24	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
IR07: Holt's Landing State Park	8/7/2007	8:39	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	8/7/2007	8:39	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/7/2007	8:39	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
IR20: Bay Colony	8/6/2007	8:10	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
<u>Vines Creek</u>							
IR38: Vines Lane	8/2/2007	9:05	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/2/2007	9:05	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/2/2007	9:05	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/2/2007	9:05	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/2/2007	9:05	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/3/2007	9:00	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/3/2007	9:00	Surfc	<i>Chaetoceros spp. (T)</i>		Present	
	8/3/2007	9:00	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/3/2007	9:00	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/3/2007	9:00	Surfc	<i>Oscillatoria spp. (B)</i>		Present	
	8/3/2007	9:00	Surfc	<i>Prorocentrum minimum (T)</i>		Present	
	8/3/2007	9:00	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
	8/3/2007	9:00	Surfc	<i>Scrippsiella sp. (B)</i>		Present	
	8/3/2007	9:00	Surfc	<i>Various centric spp. (B*)</i>		Abundant	11.00
<u>White Creek</u>							
IR32: Holly Terrace Acres Canal Dead End, White Creek	8/6/2007	9:40	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/6/2007	9:40	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	1.56
	8/6/2007	9:40	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.45
	8/6/2007	9:40	Surfc	<i>Fibrocapsa japonica (T)</i>		Common	0.14
	8/6/2007	9:40	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.10
	8/6/2007	9:40	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/6/2007	9:40	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/6/2007	9:40	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/6/2007	9:40	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
IR59: White Creek - west prong near Food Lion	8/7/2007	8:23	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	8/7/2007	8:23	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/7/2007	8:23	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/7/2007	8:23	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/7/2007	8:23	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
IR60A: 4 Cristy Lane, Ocean View; E Branch of White Creek							

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Indian River							
<u>White Creek</u>							
IR60A: 4 Cristy Lane, Ocean View; E Branch of White Creek							
	8/7/2007	8:12	Surfc	<i>Anabaena spp. (T)</i>		Many	1.62
	8/7/2007	8:12	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/7/2007	8:12	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	8/7/2007	8:12	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/7/2007	8:12	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/7/2007	8:12	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/7/2007	8:12	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/7/2007	8:12	Surfc	<i>Prorocentrum gracile (B)</i>		Present	
	8/7/2007	8:12	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
Little Assawoman Bay							
LA15B: Red channel marker #12							
	7/30/2007	6:40	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/30/2007	6:40	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
LA35B: Red Channel marker #28, across from Miller Creek							
	7/30/2007	6:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
LA42B: Narrows, South of state beach at point							
	7/30/2007	6:32	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/30/2007	6:32	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/30/2007	6:32	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/30/2007	6:32	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
LA45: Fenwick Island Bayside							
	8/7/2007	7:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/7/2007	7:55	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
<u>Assawoman Canal</u>							
LA10: Assawoman Canal @ Kent Ave Bridge							
	7/30/2007	7:57	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	7/30/2007	7:57	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/30/2007	7:57	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.16
	7/30/2007	7:57	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/6/2007	7:55	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/6/2007	7:55	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/6/2007	7:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/6/2007	7:55	Surfc	<i>Kryptoperidinium foliaceum (B)</i>		Present	
	8/6/2007	7:55	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
<u>Dirickson Creek</u>							
LA03: Mulberry Landing							
	8/6/2007	8:22	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/6/2007	8:22	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.10
	8/6/2007	8:22	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
LA09: Dirickson Creek at Road 381 bridge.							
	8/6/2007	9:05	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	

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Little Assawoman Bay							
<u>Dirickson Creek</u>							
LA09: Dirickson Creek at Road 381 bridge.							
	8/6/2007	9:05	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/6/2007	9:05	Surfc	<i>Heterocapsa rotundata (B)</i>		Many	4.95
	8/6/2007	9:05	Surfc	<i>Karlodinium veneficum (T)</i>		Common	0.15
LA20: Swann Keys: boat ramp at S end of Blue Teal Rd							
	8/7/2007	8:36	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/7/2007	8:36	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
LA22B: Dirickson Creek upper section between Williams Creek and the LA09, mid channel near duck blind.							
	7/30/2007	6:50	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.20
	7/30/2007	6:50	Surfc	<i>Karlodinium veneficum (T)</i>		Common	0.59
<u>Jefferson Creek</u>							
SB10E: SB: Russell Canal east dead end							
	7/30/2007	8:27	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	7/30/2007	8:27	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	7/30/2007	8:27	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/30/2007	8:27	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.41
	7/30/2007	8:27	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
	8/6/2007	8:25	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
SB10W: SB: Russell Canal west dead end							
	7/30/2007	8:33	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	7/30/2007	8:33	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	7/30/2007	8:33	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/30/2007	8:33	Surfc	<i>Heterosigma akashiwo. (T)</i>		Present	
	8/6/2007	8:35	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/6/2007	8:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/6/2007	8:35	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
<u>Miller Creek</u>							
LA31: Double Bridges road bridge at Plantation Park							
	8/6/2007	8:44	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Present	
	8/6/2007	8:44	Surfc	<i>Fibrocapsa japonica (T)</i>		Present	
	8/6/2007	8:44	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.21
	8/6/2007	8:44	Surfc	<i>Heterocapsa rotundata (B)</i>		Many	5.10
	8/6/2007	8:44	Surfc	<i>Karlodinium veneficum (T)</i>		Common	0.20
	8/6/2007	8:44	Surfc	<i>Protoperidinium quinquecorne (B)</i>		Present	
LA33B: Camp Barnes dock - by boat							
	7/30/2007	6:15	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	7/30/2007	6:15	Surfc	<i>Karlodinium veneficum (T)</i>		Common	0.13
<u>Williams Creek</u>							
LA21: Williams Creek tributary, bridge on Rd 364a							
	8/6/2007	8:54	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Common	0.17
	8/6/2007	8:54	Surfc	<i>Chattonella subsalsa (T)</i>		Common	0.35
	8/6/2007	8:54	Surfc	<i>Heterocapsa rotundata (B)</i>		Many	2.23

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Little Assawoman Bay							
<u>Williams Creek</u>							
LA21: Williams Creek tributary, bridge on Rd 364a							
	8/6/2007	8:54	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/6/2007	8:54	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/6/2007	8:54	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/6/2007	8:54	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
Rehoboth Bay							
ML: Massey's Landing							
	8/6/2007	11:25	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
RB07: West Bay Park							
	8/7/2007	8:30	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
<u>Arnell Creek</u>							
AC2S: DNREC Site, Arnell Creek, surface sample							
	8/2/2007	16:20	Surfc	<i>"Gymnodinioid" sp.</i> (S)	10-15 um Grn	Present	
	8/2/2007	16:20	Surfc	<i>(Unknown) sp.</i> (B*)	5-10 um Obl/Grn	Abundant	17.60
	8/2/2007	16:20	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/2/2007	16:20	Surfc	<i>Chaetoceros spp.</i> (T)		Present	
	8/2/2007	16:20	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/2/2007	16:20	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/9/2007	14:35	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/9/2007	14:35	Surfc	<i>Chaetoceros spp.</i> (T)		Present	
	8/9/2007	14:35	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.11
	8/9/2007	14:35	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/9/2007	14:35	Surfc	<i>Gyrodinium instriatum</i> (B)		Common	0.28
	8/9/2007	14:35	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/9/2007	14:35	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/9/2007	14:35	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/9/2007	14:35	Surfc	<i>Oscillatoria spp.</i> (B)		Common	0.25
	8/9/2007	14:35	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
<u>Bald Eagle Creek</u>							
RB46: Torquay Canal at East bulkhead on Land's End.							
	8/7/2007	9:27	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.15
	8/7/2007	9:27	Surfc	<i>Heterosigma akashiwo</i> (T)		Common	0.25
	8/7/2007	9:27	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
RB69: Torquay Canal DNREC site. TC1							
	8/2/2007	14:55	Surfc	<i>"Gymnodinioid" sp.</i> (S)	10-15 um Grn	Present	
	8/2/2007	14:55	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	7.00
	8/2/2007	14:55	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/2/2007	14:55	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/2/2007	14:55	Surfc	<i>Heterosigma akashiwo</i> (T)		Present	
	8/2/2007	14:55	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.17
	8/2/2007	14:55	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
	8/9/2007	15:00	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	2.95

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Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Rehoboth Bay							
<u>Bald Eagle Creek</u>							
RB69: Torquay Canal DNREC site. TC1							
	8/9/2007	15:00	Surfc	<i>Chattonella subsalsa</i> (T)		Common	0.20
	8/9/2007	15:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Common	0.15
	8/9/2007	15:00	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/9/2007	15:00	Surfc	<i>Karlodinium veneficum</i> (T)		Many	1.30
	8/9/2007	15:00	Surfc	<i>Scrippsiella sp.</i> (B)		Present	
<u>Guinea Creek</u>							
RB05: Mouth of Guinea Creek (Pot Nets Creekside)							
	8/6/2007	11:52	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/6/2007	11:52	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Present	
	8/6/2007	11:52	Surfc	<i>Chattonella subsalsa</i> (T)		Present	
	8/6/2007	11:52	Surfc	<i>Fibrocapsa japonica</i> (T)		Present	
	8/6/2007	11:52	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/6/2007	11:52	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
	8/6/2007	11:52	Surfc	<i>Kryptoperidinium foliaceum</i> (B)		Present	
	8/6/2007	11:52	Surfc	<i>Navicula (small)</i> (B*)		Abundant	63.10
RB06: Guinea Creek (Winding Creek Village)							
	8/6/2007	7:00	Surfc	<i>Akashiwo sanguineum</i> (B)		Present	
	8/6/2007	7:00	Surfc	<i>Gyrodinium instriatum</i> (B)		Present	
	8/6/2007	7:00	Surfc	<i>Heterosigma akashiwo</i> . (T)		Present	
	8/6/2007	7:00	Surfc	<i>Karlodinium veneficum</i> (T)		Common	0.39
	8/6/2007	7:00	Surfc	<i>Navicula (small)</i> (B*)		Very Abundant	132.00
RB06A: Guinea Creek @ Rd 298 Bridge							
	8/6/2007	12:13	Surfc	<i>(Unknown) sp.</i> (B*)	5-15 um Grn trdrp	Abundant	17.60
	8/6/2007	12:13	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Common	0.13
	8/6/2007	12:13	Surfc	<i>Karlodinium veneficum</i> (T)		Present	
<u>Herring Creek</u>							
RB04: Herring Creek, Mid-Section							
	8/7/2007	10:37	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/7/2007	10:37	Surfc	<i>Navicula (small)</i> (B*)		Very Abundant	104.00
	8/7/2007	10:37	Surfc	<i>Protoperidinium quinquecorne</i> (B)		Present	
<u>Lewes - Rehoboth Canal</u>							
RB02: Lewes - Rehoboth Canal at Lewes							
	7/31/2007	8:00	Net	<i>Chaetoceros spp.</i> (T)		Present	
	7/31/2007	8:00	Surfc	<i>Heterocapsa rotundata</i> (B)		Present	
	8/7/2007	8:05	Net	<i>Chaetoceros spp.</i> (T)		Present	
	8/7/2007	8:05	Surfc		No HABs found		
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	8/6/2007	12:42	Surfc	<i>Chattonella cf. verruculosa</i> (T)		Many	1.89
	8/6/2007	12:42	Surfc	<i>Cylindrotheca closterium</i> (B*)		Abundant	11.00

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Citizen Monitoring Program

Water Body Tributary Site	Date	Time	Smpl Dpth	Name	Comment if ID uncertain	Abundance	MC/L
Rehoboth Bay							
<u>Love Creek</u>							
RB34: Love Creek at Rt 24 Bridge							
	8/6/2007	12:42	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/6/2007	12:42	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/6/2007	12:42	Surfc	<i>Heterosigma akashiwo. (T)</i>		Many	2.63
	8/6/2007	12:42	Surfc	<i>Karlodinium veneficum (T)</i>		Present	
RLC2S: DNREC site, upper Love Creek							
	8/2/2007	15:35	Surfc	<i>(Unknown) sp. (B*)</i>	5-10 um Obl/Grn	Abundant	17.60
	8/2/2007	15:35	Surfc	<i>Akashiwo sanguineum (B)</i>		Present	
	8/2/2007	15:35	Surfc	<i>Gyrodinium instriatum (B)</i>		Common	0.15
	8/2/2007	15:35	Surfc	<i>Heterocapsa rotundata (B)</i>		Common	0.10
	8/2/2007	15:35	Surfc	<i>Karlodinium veneficum (T)</i>		Common	0.22
	8/9/2007	13:55	Surfc	<i>Chattonella cf. verruculosa (T)</i>		Many	7.00
	8/9/2007	13:55	Surfc	<i>Chattonella subsalsa (T)</i>		Present	
	8/9/2007	13:55	Surfc	<i>Cylindrotheca closterium (B*)</i>		Abundant	24.90
	8/9/2007	13:55	Surfc	<i>Gyrodinium instriatum (B)</i>		Present	
	8/9/2007	13:55	Surfc	<i>Heterocapsa rotundata (B)</i>		Present	
	8/9/2007	13:55	Surfc	<i>Heterosigma akashiwo. (T)</i>		Common	0.14

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Citizen Monitoring Program